

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NCI

| Mechanism <sup>1</sup>                                  | FY 2000 |           | FY 2001 |           | FY 2002 |           | FY 2003 |           | FY 2004 |           | FY 2005 |           | FY 2006 |           | FY 2007 |           | FY 2008 |           | FY 2009 |           |     |         |
|---|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|-----|---------|
|   | No.     | Amount    |     |         |
| Research Proj.:   |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |     |         |
| Noncompeting  | 3,101   | 1,050,107 | 3,222   | 1,170,164 | 3,348   | 1,325,067 | 3,358   | 1,415,844 | 3,588   | 1,516,635 | 3,862   | 1,603,571 | 3,896   | 1,598,350 | 3,882   | 1,546,958 | 3,880   | 1,571,383 | 3,683   | 1,550,906 |     |         |
| Admin. Supp.  | (266)   | 23,721    | (392)   | 36,831    | (312)   | 46,789    | (286)   | 60,180    | (311)   | 54,550    | (292)   | 50,655    | (291)   | 49,339    | (259)   | 36,466    | (266)   | 24,665    | (263)   | 33,257    |     |         |
| Compelling  | 1,151   | 390,582   | 1,188   | 418,620   | 1,264   | 436,121   | 1,432   | 494,982   | 1,492   | 494,067   | 1,292   | 439,870   | 1,280   | 415,067   | 1,312   | 434,713   | 1,284   | 456,644   | 1,235   | 457,834   |     |         |
| Subtotal, RPGs  | 4,252   | 1,464,410 | 4,410   | 1,625,615 | 4,612   | 1,807,977 | 4,790   | 1,971,006 | 5,080   | 2,065,252 | 5,154   | 2,094,096 | 5,176   | 2,062,756 | 5,194   | 2,018,137 | 5,164   | 2,052,692 | 4,918   | 2,041,997 |     |         |
| SBIR/STTR   | 306     | 67,090    | 328     | 75,833    | 374     | 86,366    | 356     | 90,857    | 397     | 99,579    | 265     | 97,775    | 263     | 96,055    | 278     | 93,677    | 312     | 97,439    | 261     | 91,954    |     |         |
| Subtotal, RPGs  | 4,558   | 1,531,500 | 4,738   | 1,701,448 | 4,986   | 1,894,343 | 5,146   | 2,061,863 | 5,477   | 2,164,831 | 5,419   | 2,191,871 | 5,439   | 2,158,811 | 5,472   | 2,111,814 | 5,476   | 2,150,131 | 5,179   | 2,133,951 |     |         |
| Research Centers:                                       |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |     |         |
| Spec/Comp.  | 82      | 221,350   | 93      | 279,731   | 107     | 319,753   | 122     | 378,079   | 145     | 409,288   | 152     | 454,252   | 163     | 463,860   | 167     | 471,669   | 195     | 512,290   | 210     | 560,255   |     |         |
| Clinical Research                                       | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         |     |         |
| Biotechnology   | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 948       | 0       | 1,198     |     |         |
| Comparative Med.  | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         |     |         |
| RCMI  | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         |     |         |
| Subtotal, Centers                                       | 82      | 221,350   | 93      | 279,731   | 107     | 319,753   | 122     | 378,079   | 145     | 409,288   | 152     | 454,252   | 163     | 463,860   | 167     | 471,669   | 195     | 512,290   | 210     | 561,453   |     |         |
| Other Research:   |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |     |         |
| Research Careers  | 317     | 40,869    | 358     | 51,177    | 420     | 54,867    | 486     | 71,845    | 494     | 74,207    | 531     | 76,652    | 550     | 80,836    | 525     | 79,595    | 525     | 79,528    | 499     | 79,120    |     |         |
| Cancer Ed.  | 83      | 16,821    | 91      | 21,740    | 96      | 26,775    | 102     | 30,041    | 101     | 32,214    | 101     | 34,581    | 99      | 34,561    | 89      | 31,337    | 82      | 30,089    | 83      | 31,945    |     |         |
| Coop. Cl.   | 140     | 144,608   | 138     | 154,261   | 137     | 163,826   | 78      | 158,714   | 65      | 154,357   | 63      | 142,847   | 63      | 145,919   | 66      | 148,193   | 133     | 235,832   | 134     | 234,531   |     |         |
| BRS   | 0       | 0         | 0       | 0         | 0       | 6,133     | 0       | 3,842     | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         |     |         |
| MBRS  | 0       | 3,341     | 0       | 3,479     | 0       | 3,980     | 0       | 3,853     | 0       | 3,367     | 0       | 2,914     | 0       | 2,435     | 0       | 2,435     | 0       | 1,360     | 1       | 889       |     |         |
| Other   | 113     | 27,037    | 147     | 38,544    | 163     | 48,554    | 189     | 52,071    | 198     | 50,285    | 179     | 51,525    | 171     | 62,863    | 146     | 61,321    | 162     | 64,933    | 146     | 70,809    |     |         |
| Subtotal, Other   | 653     | 232,676   | 734     | 269,201   | 816     | 304,135   | 855     | 320,366   | 858     | 314,916   | 874     | 308,972   | 883     | 327,093   | 826     | 322,881   | 902     | 411,742   | 863     | 417,294   |     |         |
| Total, Res. Grants                                      | 5,293   | 1,985,526 | 5,665   | 2,250,380 | 5,909   | 2,518,231 | 6,123   | 2,760,308 | 6,480   | 2,889,035 | 6,445   | 2,955,095 | 6,485   | 2,949,764 | 6,465   | 2,906,364 | 6,573   | 3,075,111 | 6,252   | 3,112,698 |     |         |
| Training:   |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |     |         |
| Individual  | 165     | 5,720     | 180     | 6,583     | 131     | 5,219     | 146     | 5,960     | 161     | 6,546     | 198     | 8,409     | 220     | 9,493     | 232     | 9,766     | 233     | 10,020    | 201     | 8,654     |     |         |
| Institutional   | 1,435   | 50,459    | 1,412   | 51,344    | 1,435   | 58,455    | 1,374   | 59,890    | 1,318   | 59,718    | 1,271   | 58,890    | 1,213   | 57,125    | 1,223   | 58,457    | 1,281   | 59,881    | 1,291   | 61,480    |     |         |
| Total, Training   | 1,600   | 56,179    | 1,592   | 57,927    | 1,566   | 63,674    | 1,520   | 65,850    | 1,479   | 66,264    | 1,469   | 67,299    | 1,433   | 66,618    | 1,455   | 68,223    | 1,514   | 69,901    | 1,492   | 70,134    |     |         |
| R & D Contracts (SBIR/STTR)                             | 139     | 251,579   | 131     | 283,971   | 217     | 298,232   | 291     | 370,760   | 320     | 370,760   | 318     | 361,569   | 318     | 351,056   | 326     | 347,766   | 338     | 416,850   | 460     | 578,961   | 448 | 610,142 |
|   | (4)     | (406)     | (5)     | (2,097)   | (7)     | (2,700)   | (24)    | (2,582)   | (17)    | (2,582)   | (32)    | (6,721)   | (31)    | (8,161)   | (45)    | (12,387)  | (38)    | (7,757)   | (54)    | (16,665)  |     |         |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) |         | 507,785   |         | 567,297   |         | 637,581   |         | 693,083   |         | 708,939   |         | 711,009   |         | 692,213   |         | 706,179   |         | 724,086   |         | 781,389   |     |         |
|   |         | 120,586   |         | 136,509   |         | 153,904   |         | 167,302   |         | 171,578   |         | 184,135   |         | 188,683   |         | 198,683   |         | 371,573   |         | 384,644   |     |         |
| Cancer Control  |         | 389,425   |         | 459,482   |         | 501,208   |         | 533,173   |         | 529,980   |         | 505,705   |         | 498,396   |         | 0         |         | 0         |         | 0         |     |         |
| Construction  |         | 3,500     |         | 3,000     |         | 5,000     |         | 5,000     |         | 0         |         | 7,936     |         | 7,920     |         | 7,920     |         | 7,920     |         | 7,920     |     |         |
| B&F   |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |     |         |
| NCI Total Obligations                                   |         | 3,314,580 |         | 3,758,566 |         | 4,177,830 |         | 4,595,476 |         | 4,727,365 |         | 4,797,731 |         | 4,754,121 |         | 4,792,615 |         | 4,827,552 |         | 4,966,927 |     |         |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NCI

| Mechanism <sup>1</sup>                                  | FY 2010 |                  | FY 2011 |                  | FY 2012 |                  | FY 2013 |                  | FY 2014 |                  | FY 2015 |                  | FY 2016 |                  | FY 2017 |                  | FY 2018 |                  | FY 2019 |                  |  |
|---|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|
|   | No.     | Amount           |  |
| Research Proj.:   |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Noncompeting  | 3,619   | 1,536,844        | 3,769   | 1,631,514        | 3,746   | 1,639,445        | 3,562   | 1,486,513        | 3,390   | 1,455,389        | 3,337   | 1,471,436        | 3,234   | 1,509,914        | 3,286   | 1,584,086        | 3,338   | 1,699,682        | 3,561   | 1,801,648        |  |
| Admin. Supp.  | (254)   | 28,947           | (206)   | 23,619           | (184)   | 19,819           | (214)   | 38,444           | (216)   | 24,854           | (226)   | 20,475           | (203)   | 21,511           | (244)   | 33,173           | (280)   | 36,754           | (268)   | 30,715           |  |
| Competing   | 1,253   | 516,598          | 1,106   | 424,494          | 1,085   | 414,004          | 1,095   | 403,945          | 1,207   | 450,476          | 1,236   | 508,126          | 1,230   | 513,170          | 1,139   | 535,521          | 1,162   | 571,222          | 1,178   | 572,716          |  |
| Subtotal, RPGs  | 4,872   | 2,082,389        | 4,875   | 2,079,627        | 4,831   | 2,073,268        | 4,657   | 1,928,902        | 4,597   | 1,930,719        | 4,573   | 2,000,037        | 4,464   | 2,044,596        | 4,425   | 2,152,780        | 4,500   | 2,307,659        | 4,739   | 2,405,079        |  |
| SBIR/STTR   | 207     | 85,669           | 144     | 84,054           | 190     | 77,355           | 159     | 71,260           | 217     | 81,841           | 194     | 92,598           | 202     | 101,478          | 237     | 125,636          | 281     | 142,920          | 245     | 136,670          |  |
| Subtotal, RPGs  | 5,079   | 2,168,058        | 5,019   | 2,163,681        | 5,021   | 2,150,623        | 4,816   | 2,000,162        | 4,814   | 2,012,560        | 4,767   | 2,092,635        | 4,666   | 2,146,074        | 4,662   | 2,278,416        | 4,781   | 2,450,579        | 4,984   | 2,541,749        |  |
| Research Centers:                                       |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Spec/Comp.  | 250     | 611,133          | 256     | 598,037          | 253     | 612,789          | 261     | 533,951          | 240     | 543,839          | 249     | 509,475          | 217     | 545,332          | 243     | 561,360          | 238     | 625,744          | 251     | 655,891          |  |
| Clinical Research                                       | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Biotechnology   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 75               | 0       | 75               |  |
| Comparative Med.  | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| RCMI  | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                                       | 250     | 611,133          | 256     | 598,037          | 253     | 612,789          | 261     | 533,951          | 240     | 543,839          | 249     | 509,475          | 217     | 545,332          | 243     | 561,360          | 238     | 625,819          | 251     | 655,966          |  |
| Other Research:   |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Research Careers  | 452     | 74,914           | 438     | 73,615           | 422     | 73,164           | 387     | 67,525           | 399     | 67,525           | 401     | 68,821           | 402     | 71,601           | 398     | 71,727           | 432     | 78,338           | 446     | 84,991           |  |
| Cancer Ed.  | 91      | 35,444           | 90      | 32,590           | 93      | 33,373           | 96      | 34,466           | 96      | 32,932           | 85      | 28,026           | 74      | 23,261           | 83      | 23,629           | 76      | 21,182           | 77      | 20,459           |  |
| Coop. Cl.   | 131     | 254,487          | 135     | 243,880          | 128     | 229,842          | 120     | 235,443          | 102     | 271,635          | 104     | 250,837          | 104     | 220,961          | 101     | 245,295          | 48      | 255,341          | 104     | 290,137          |  |
| BRS   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS  | 0       | 466              | 0       | 0                | 3       | 355              | 4       | 376              | 2       | 240              | 2       | 240              | 2       | 240              | 0       | 337              | 0       | 98               | 0       | 97               |  |
| Other   | 153     | 77,302           | 147     | 75,546           | 100     | 70,809           | 98      | 49,728           | 80      | 57,714           | 89      | 62,172           | 118     | 83,048           | 134     | 140,895          | 239     | 182,908          | 191     | 111,079          |  |
| Subtotal, Other   | 827     | 442,613          | 810     | 425,631          | 746     | 407,543          | 705     | 387,538          | 679     | 430,046          | 679     | 410,096          | 700     | 399,110          | 716     | 481,883          | 795     | 537,866          | 818     | 506,763          |  |
| Total, Res. Grants                                      | 6,156   | 3,221,804        | 6,085   | 3,187,349        | 6,020   | 3,170,955        | 5,782   | 2,921,650        | 5,733   | 2,986,444        | 5,695   | 3,012,205        | 5,583   | 3,090,516        | 5,621   | 3,321,659        | 5,814   | 3,614,263        | 6,053   | 3,704,479        |  |
| Training:   |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Individual  | 211     | 9,270            | 184     | 8,138            | 284     | 11,740           | 416     | 17,103           | 485     | 19,513           | 538     | 21,714           | 530     | 22,567           | 581     | 23,780           | 525     | 23,148           | 585     | 25,589           |  |
| Institutional   | 1,217   | 58,294           | 1,191   | 59,516           | 1,058   | 54,252           | 943     | 48,685           | 947     | 49,704           | 893     | 48,089           | 909     | 50,449           | 939     | 53,843           | 1,007   | 59,265           | 1,004   | 61,388           |  |
| Total, Training   | 1,428   | 67,564           | 1,375   | 67,654           | 1,342   | 65,992           | 1,359   | 65,788           | 1,432   | 69,217           | 1,431   | 69,803           | 1,439   | 73,016           | 1,520   | 77,624           | 1,532   | 82,413           | 1,589   | 87               |  |
| R & D Contracts (SBIR/STTR)                             | 470     | 613,762 (25,020) | 467     | 587,035 (26,103) | 497     | 589,715 (37,650) | 433     | 616,046 (38,877) | 444     | 652,283 (37,418) | 430     | 596,951 (29,257) | 430     | 732,344 (34,165) | 429     | 880,378 (31,026) | 404     | 846,000 (24,364) | 414     | 768,737 (34,201) |  |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) |         | 805,332          |         | 833,670          |         | 857,841          | 1,863   | 811,572          | 1,814   | 845,075          | 1,767   | 843,162          | 1,758   | 894,528          | 1,755   | 899,696          | 1,709   | 945,477          | 1,684   | 965,520          |  |
| Cancer Control Construction                             |         | 381,765          |         | 374,477          |         | 374,919          | 1,240   | 366,054          | 1,226   | 371,350          | 1,231   | 422,471          | 1,233   | 399,765          | 1,274   | 427,037          | 1,243   | 442,415          | 1,204   | 449,887          |  |
| B&F   |         | 7,920            |         | 7,920            |         | 7,920            |         | 7,904            |         | 8,000            |         | 8,000            |         | 16,000           |         | 30,000           |         | 18,000           |         | 18,000           |  |
| NCI Total Obligations                                   |         | 5,098,147        |         | 5,058,105        |         | 5,067,342        |         | 4,789,014        |         | 4,932,369        |         | 4,952,593        |         | 5,206,169        |         | 5,636,393        |         | 5,948,568        |         | 5,993,600        |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

**National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)**

| Mechanism <sup>1</sup>            | FY 2020 <sup>2</sup> |                  | FY 2021 <sup>2</sup> |                  | FY 2022 <sup>2</sup> |                  | FY 2023 <sup>2</sup> |                  | FY 2024 <sup>2</sup> |                  |
|-----------------------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|
|                                   | No.                  | Amount           |
| Research Proj.:                   |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Noncompeting                      | 3,636                | 1,908,622        | 3,650                | 2,000,364        | 3,944                | 2,128,126        | 4,144                | 2,236,175        | 4,348                | 2,308,372        |
| Admin. Supp.                      | (221)                | 30,503           | (294)                | 43,023           | (325)                | 35,633           | (365)                | 40,866           | (438)                | 50,242           |
| Competing                         | 1,217                | 685,163          | 1,333                | 641,422          | 1,358                | 665,554          | 1,369                | 697,786          | 1,245                | 657,891          |
| Subtotal, RPGs                    | 4,853                | 2,624,288        | 4,983                | 2,684,809        | 5,302                | 2,829,313        | 5,513                | 2,974,826        | 5,593                | 3,016,505        |
| SBIR/STTR                         | 217                  | 151,141          | 238                  | 158,269          | 207                  | 151,996          | 228                  | 175,373          | 199                  | 158,454          |
| Subtotal, RPGs                    | 5,070                | 2,775,429        | 5,221                | 2,843,079        | 5,509                | 2,980,709        | 5,741                | 3,150,199        | 5,792                | 3,174,959        |
| Research Centers:                 |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Spec/Comp.                        | 246                  | 619,336          | 242                  | 577,024          | 260                  | 594,994          | 260                  | 634,068          | 240                  | 609,420          |
| Clinical Research                 | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Biotechnology                     | 0                    | 50               | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Comparative Med.                  | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| RCMI                              | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Subtotal, Centers                 | 246                  | 619,386          | 242                  | 577,024          | 260                  | 594,994          | 260                  | 634,068          | 240                  | 609,420          |
| Other Research:                   |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Research Careers                  | 487                  | 96,578           | 524                  | 102,655          | 557                  | 112,537          | 536                  | 110,335          | 544                  | 114,491          |
| Cancer Ed.                        | 59                   | 14,878           | 68                   | 17,633           | 75                   | 20,668           | 83                   | 23,219           | 83                   | 23,601           |
| Coop. Cl.                         | 106                  | 295,622          | 106                  | 299,981          | 112                  | 307,898          | 118                  | 304,455          | 125                  | 302,942          |
| BRS                               | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| MBRS                              | 0                    | 98               | 0                    | 1,497            | 0                    | 2,294            | 0                    | 2,563            | 0                    | 2,637            |
| Other                             | 194                  | 141,558          | 209                  | 141,060          | 261                  | 183,579          | 253                  | 191,579          | 295                  | 188,411          |
| Subtotal, Other                   | 846                  | 548,734          | 907                  | 562,826          | 1,005                | 626,976          | 990                  | 632,151          | 1,047                | 632,082          |
| Total, Res. Grants                | 6,162                | 3,943,549        | 6,370                | 3,982,929        | 6,774                | 4,202,679        | 6,991                | 4,416,418        | 7,079                | 4,416,461        |
| Training:                         |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Individual                        | 640                  | 29,185           | 696                  | 31,872           | 613                  | 28,194           | 523                  | 24,273           | 454                  | 21,643           |
| Institutional                     | 1,053                | 67,240           | 932                  | 61,123           | 946                  | 62,915           | 974                  | 66,052           | 962                  | 68,235           |
| Total, Training                   | 1,693                | 96,425           | 1,628                | 92,995           | 1,559                | 91,109           | 1,497                | 90,325           | 1,416                | 89,878           |
| R & D Contracts (SBIR/STTR)       | 396                  | 824,519          | 414                  | 838,784          | 422                  | 874,397          | 422                  | 911,593          | 427                  | 934,766          |
| (48)                              | (25,456)             | (44)             | (20,917)             | (50)             | (36,888)             | (29)             | (24,398)             | (40)             | (33,125)             |                  |
| Intramural Research (SBIR Admin.) | 1,755                | 1,074,459        | 1,766                | 1,151,111        | 1,809                | 1,235,778        | 1,865                | 1,280,307        | 1,873                | 1,350,556        |
| Res. Mgmt and Support             | 1,238                | 450,037          | 1,331                | 462,877          | 1,373                | 468,027          | 1,385                | 497,861          | 1,425                | 525,004          |
| Cancer Control                    | (0)                  | (2,893)          | (0)                  | (3,057)          | (0)                  | (3,334)          | (0)                  | (3,484)          | (0)                  | (4,487)          |
| Construction                      | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| B&F                               | 0                    | 30,000           | 0                    | 30,000           | 0                    | 30,000           | 0                    | 30,000           | 0                    | 30,000           |
| <b>NCI Total Obligations</b>      |                      | <b>6,418,988</b> |                      | <b>6,558,695</b> |                      | <b>6,901,989</b> |                      | <b>7,226,503</b> |                      | <b>7,346,666</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> FY 2020 thru FY 2024 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2024 from these multi-year accounts.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NHLBI

| Mechanism <sup>1</sup>              | FY 2000    |                  | FY 2001    |                  | FY 2002    |                  | FY 2003    |                  | FY 2004    |                  | FY 2005    |                  | FY 2006    |                  | FY 2007    |                  | FY 2008    |                  | FY 2009    |                  |  |
|-------------------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|
|                                     | No.        | Amount           |  |
| Research Proj.:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Noncompeting                        | 2,566      | 882,159          | 2,819      | 1,098,132        | 3,057      | 1,268,857        | 3,123      | 1,386,101        | 3,165      | 1,444,838        | 3,089      | 1,508,085        | 3,029      | 1,512,273        | 2,843      | 1,433,098        | 2,783      | 1,423,739        | 2,928      | 1,477,679        |  |
| Admin. Supp.                        | (79)       | 7,117            | (61)       | 3,367            | (163)      | 12,484           | (97)       | 4,198            | (177)      | 10,994           | (139)      | 11,895           | (125)      | 14,720           | (112)      | 13,992           | (129)      | 13,988           | (144)      | 7,668            |  |
| Competing                           | 1,003      | 419,280          | 1,033      | 424,318          | 1,018      | 437,391          | 1,064      | 463,660          | 1,034      | 477,307          | 909        | 447,830          | 871        | 411,596          | 943        | 466,987          | 997        | 467,992          | 988        | 477,973          |  |
| Subtotal, RPGs                      | 3,569      | 1,308,556        | 3,852      | 1,525,817        | 4,075      | 1,718,732        | 4,187      | 1,853,950        | 4,199      | 1,932,239        | 3,998      | 1,967,810        | 3,900      | 1,938,589        | 3,786      | 1,913,177        | 3,780      | 1,905,719        | 3,896      | 1,963,520        |  |
| SBIR/STTR                           | 226        | 47,478           | 214        | 54,934           | 201        | 60,841           | 239        | 66,251           | 275        | 71,530           | 232        | 74,240           | 181        | 72,460           | 174        | 73,515           | 173        | 77,914           | 172        | 76,341           |  |
| Subtotal, RPGs                      | 3,795      | 1,356,034        | 4,066      | 1,580,751        | 4,276      | 1,779,573        | 4,426      | 1,920,201        | 4,474      | 2,003,769        | 4,230      | 2,042,050        | 4,081      | 2,011,049        | 3,960      | 1,986,692        | 3,953      | 1,983,633        | 4,068      | 2,039,861        |  |
| Research Centers:                   |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Spec/Comp                           | 79         | 123,803          | 79         | 127,232          | 76         | 128,162          | 77         | 138,941          | 70         | 140,175          | 68         | 151,045          | 57         | 140,321          | 55         | 140,614          | 48         | 106,958          | 43         | 89,697           |  |
| Clinical Research                   | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Biotechnology                       | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Comparative Med.                    | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 425        | 450              | 1          | 765              | 0          | 420              | 0          | 435              |            |                  |  |
| RCMI                                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Subtotal, Centers                   | 79         | 123,803          | 79         | 127,232          | 76         | 128,162          | 77         | 138,941          | 70         | 140,600          | 68         | 151,495          | 58         | 141,086          | 55         | 141,034          | 48         | 107,393          | 43         | 90,152           |  |
| Other Research:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Research Careers                    | 459        | 54,185           | 509        | 57,470           | 543        | 63,513           | 552        | 65,817           | 559        | 67,794           | 519        | 71,018           | 512        | 70,365           | 534        | 74,954           | 549        | 78,715           | 572        | 84,647           |  |
| Cancer Ed.                          | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Coop. Cl.                           | 25         | 14,779           | 25         | 13,409           | 26         | 14,048           | 24         | 21,772           | 26         | 20,565           | 38         | 26,295           | 47         | 33,684           | 48         | 36,622           | 29         | 23,514           | 23         | 18,775           |  |
| BRS                                 | 0          | 0                | 0          | 0                | 0          | 3,452            | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| MBRS                                | 0          | 2,793            | 0          | 3,165            | 0          | 2,793            | 0          | 2,718            | 0          | 2,806            | 1          | 2,428            | 1          | 2,403            | 4          | 2,475            | 1          | 1,527            | 10         | 2,167            |  |
| Other                               | 46         | 18,909           | 41         | 14,914           | 48         | 14,653           | 53         | 22,865           | 64         | 21,620           | 79         | 16,972           | 82         | 17,350           | 99         | 21,233           | 93         | 22,186           | 111        | 25,412           |  |
| Subtotal, Other                     | 530        | 90,666           | 575        | 88,958           | 617        | 98,459           | 629        | 113,172          | 649        | 112,785          | 637        | 116,713          | 642        | 123,802          | 685        | 135,284          | 678        | 125,942          | 716        | 131,001          |  |
| Total, Res. Grants                  | 4,404      | 1,570,503        | 4,720      | 1,796,941        | 4,969      | 2,006,194        | 5,132      | 2,172,314        | 5,193      | 2,257,154        | 4,935      | 2,310,258        | 4,781      | 2,275,937        | 4,700      | 2,263,010        | 4,679      | 2,216,968        | 4,827      | 2,261,014        |  |
| Training:                           |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Individual                          | FTIPs: 238 | 8,856            | FTIPs: 223 | 8,926            | FTIPs: 214 | 9,450            | FTIPs: 185 | 8,543            | FTIPs: 189 | 8,821            | FTIPs: 202 | 9,665            | FTIPs: 205 | 10,045           | FTIPs: 174 | 8,193            | FTIPs: 202 | 9,075            | FTIPs: 242 | 10,330           |  |
| Institutional                       | 1,603      | 56,496           | 1,670      | 64,793           | 1,730      | 69,720           | 1,784      | 77,242           | 1,828      | 78,371           | 1,797      | 78,681           | 1,742      | 79,134           | 1,789      | 85,123           | 1,684      | 85,798           | 1,747      | 86,248           |  |
| Total, Training                     | 1,841      | 65,352           | 1,893      | 73,719           | 1,944      | 79,170           | 1,969      | 85,785           | 2,017      | 87,192           | 1,999      | 88,346           | 1,947      | 89,179           | 1,963      | 93,316           | 1,886      | 94,873           | 1,989      | 96,578           |  |
| R & D Contracts (SBIR/STTR)         | 208        | 201,294          | 200        | 220,056          | 210        | 258,300          | 184        | 290,474          | 209        | 285,472          | 192        | 268,573          | 181        | 262,851          | 204        | 295,842          | 207        | 338,787          | 216        | 361,098          |  |
|                                     | (1)        | (684)            | (1)        | (513)            | (1)        | (421)            | (1)        | (100)            | (2)        | (532)            | (5)        | (785)            | (1)        | (477)            | (5)        | (1,274)          | (3)        | (471)            | (8)        | (2,402)          |  |
| Intramural Research                 |            | 122,269          |            | 133,765          |            | 146,736          |            | 157,824          |            | 164,244          |            | 166,345          |            | 168,346          |            | 169,549          |            | 177,490          |            | 181,734          |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 67,868           |            | 73,554           |            | 79,394           |            | 87,284           |            | 88,539           |            | 89,051           |            | 97,214           |            | 100,606          |            | 109,215          |            | 114,128          |  |
| Cancer Control                      |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| Construction                        |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| B&F                                 |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| <b>NHLBI Total Obligations</b>      |            | <b>2,027,286</b> |            | <b>2,298,035</b> |            | <b>2,569,794</b> |            | <b>2,793,681</b> |            | <b>2,882,601</b> |            | <b>2,922,573</b> |            | <b>2,893,527</b> |            | <b>2,922,323</b> |            | <b>2,937,333</b> |            | <b>3,014,552</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NHLBI

| Mechanism <sup>1</sup>              | FY 2010    |           | FY 2011    |           | FY 2012    |           | FY 2013    |           | FY 2014    |           | FY 2015    |           | FY 2016    |           | FY 2017    |           | FY 2018    |              | FY 2019    |              |  |
|-------------------------------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--------------|------------|--------------|--|
|                                     | No.        | Amount       | No.        | Amount       |  |
| Research Proj.:                     |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |              |            |              |  |
| Noncompeting                        | 2,959      | 1,554,590 | 2,903      | 1,542,086 | 2,885      | 1,620,244 | 2,663      | 1,477,673 | 2,347      | 1,386,961 | 2,261      | 1,339,759 | 2,406      | 1,450,409 | 2,590      | 1,574,393 | 2,686      | 1,653,674.93 | 2,779      | 1,705,468.31 |  |
| Admin. Supp.                        | (119)      | 10,504    | (119)      | 16,925    | (113)      | 14,825    | (87)       | 12,378    | (148)      | 40,845    | (95)       | 24,404    | (79)       | 16,392    | (116)      | 15,387    | (97)       | 35,896.696   | (113)      | 27,681.588   |  |
| Competing                           | 903        | 467,511   | 856        | 445,975   | 768        | 381,439   | 734        | 393,684   | 743        | 414,947   | 928        | 507,923   | 979        | 541,066   | 958        | 551,169   | 992        | 560,224.209  | 964        | 596,965.991  |  |
| Subtotal_RPGs                       | 3,862      | 2,032,605 | 3,759      | 2,004,986 | 3,653      | 2,016,509 | 3,397      | 1,883,735 | 3,090      | 1,842,753 | 3,189      | 1,872,086 | 3,385      | 2,007,867 | 3,538      | 2,140,949 | 3,678      | 2,249,796    | 3,743      | 2,329,716    |  |
| SBIR/STTR                           | 165        | 75,919    | 163        | 74,934    | 167        | 75,973    | 142        | 76,535    | 139        | 74,675    | 141        | 74,452    | 163        | 85,745    | 171        | 98,398    | 192        | 101,637.815  | 203        | 106,112.81   |  |
| Subtotal_RPGs                       | 4,027      | 2,108,524 | 3,922      | 2,079,920 | 3,820      | 2,092,482 | 3,539      | 1,960,270 | 3,229      | 1,917,428 | 3,330      | 1,946,538 | 3,548      | 2,093,612 | 3,709      | 2,239,347 | 3,870      | 2,351,434    | 3,946      | 2,435,829    |  |
| Research Centers:                   |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |              |            |              |  |
| Spec/Comp.                          | 39         | 72,011    | 60         | 54,483    | 46         | 61,093    | 26         | 54,638    | 28         | 71,535    | 24         | 72,024    | 20         | 41,400    | 10         | 24,264    | 11         | 21,647.284   | 8          | 15,899.103   |  |
| Clinical Research                   | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0            | 0          | 0            |  |
| Biotechnology                       | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 710       | 0          | 0         | 0          | 0         | 0          | 398       | 0          | 125          | 0          | 1016.81      |  |
| Comparative Med.                    | 0          | 555       | 0          | 1,448     | 1          | 2,343     | 1          | 2,312     | 1          | 2,377     | 1          | 2,339     | 1          | 1,347     | 1          | 1,347     | 0          | 455          | 0          | 455          |  |
| RCMI                                | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0            | 0          | 0            |  |
| Subtotal_Centers                    | 39         | 72,566    | 60         | 55,931    | 47         | 63,436    | 27         | 56,950    | 29         | 74,622    | 25         | 74,364    | 21         | 42,747    | 11         | 26,009    | 11         | 22,227       | 8          | 17,371       |  |
| Other Research:                     |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |              |            |              |  |
| Research Careers                    | 591        | 81,544    | 570        | 79,090    | 562        | 80,177    | 522        | 77,064    | 485        | 73,946    | 461        | 68,635    | 520        | 84,782    | 606        | 100,058   | 685        | 119,882.263  | 768        | 138,068.046  |  |
| Cancer Ed.                          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0            | 0          | 0            |  |
| Coop. Cl.                           | 11         | 19,150    | 50         | 44,705    | 59         | 46,075    | 68         | 51,140    | 68         | 57,888    | 67         | 37,917    | 48         | 42,754    | 50         | 23,057    | 49         | 20,483.78    | 39         | 12,530.534   |  |
| BRS                                 | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0            | 0          | 0            |  |
| MBRS                                | 11         | 2,539     | 13         | 2,883     | 10         | 2,199     | 8          | 2,960     | 6          | 2,256     | 2          | 1,168     | 1          | 856       | 0          | 475       | 0          | 0            | 0          | 0            |  |
| Other                               | 120        | 26,011    | 115        | 26,095    | 110        | 27,908    | 110        | 33,233    | 117        | 41,567    | 121        | 40,165    | 112        | 37,037    | 122        | 58,811    | 126        | 80,139.991   | 154        | 94,156.989   |  |
| Subtotal_Other                      | 733        | 129,244   | 748        | 152,773   | 741        | 156,359   | 708        | 164,397   | 676        | 175,657   | 651        | 147,886   | 681        | 165,429   | 778        | 182,400   | 860        | 220,506      | 961        | 244,756      |  |
| Total Res. Grants                   | 4,799      | 2,310,334 | 4,730      | 2,288,624 | 4,608      | 2,312,277 | 4,274      | 2,181,617 | 3,934      | 2,167,708 | 4,006      | 2,168,788 | 4,250      | 2,301,787 | 4,498      | 2,447,756 | 4,741      | 2,594,167    | 4,915      | 2,697,955    |  |
| Training:                           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |              |            |              |  |
| Individual                          | FTIPs: 275 | 11,677    | FTIPs: 246 | 10,627    | FTIPs: 220 | 9,627     | FTIPs: 209 | 9,508     | FTIPs: 210 | 10,104    | FTIPs: 276 | 12,488    | FTIPs: 351 | 15,738    | FTIPs: 377 | 16,039    | FTIPs: 420 | 19,264.592   | FTIPs: 473 | 22,193.737   |  |
| Institutional                       | 1,777      | 86,286    | 1,780      | 87,371    | 1,648      | 83,690    | 1,543      | 80,957    | 1,444      | 77,078    | 1,648      | 83,133    | 1,471      | 88,621    | 1,543      | 89,966    | 1,587      | 96,056.275   | 2,021      | 95,096.914   |  |
| Total Training                      | 2,052      | 97,963    | 2,026      | 97,998    | 1,868      | 93,317    | 1,752      | 90,465    | 1,654      | 87,182    | 1,924      | 95,622    | 1,822      | 104,359   | 1,920      | 106,006   | 2,007      | 115,321      | 2,494      | 117,291      |  |
| R & D Contracts (SBIR/STTR)         | 170        | 379,892   | 177        | 368,291   | 183        | 332,403   | 207        | 327,354   | 202        | 417,022   | 365        | 407,099   | 741        | 369,480   | 217        | 314,020   | 364        | 310,619.602  | 743        | 307,791.447  |  |
|                                     | (15)       | (2,519)   | (5)        | (2,498)   | (11)       | (9,683)   | (9)        | (3,682)   | (13)       | (9,527)   | (19)       | (15,700)  | (0)        | (10,321)  | (0)        | (4,941)   | (9)        | 8008.58      | (0)        | 7926.605     |  |
| Intramural Research                 | 186,249    |           | 192,083    |           | 191,795    |           | 184,909    |           | 531        | 193,424   | 468        | 198,646   | 478        | 204,392   | 493        | 209,520   | 456        | 215,385.196  | 406        | 220,595.998  |  |
| Res. Mgmt and Support (SBIR Admin.) | 119,063    |           | 122,554    |           | 121,167    |           | 473        | 119,423   | 396        | 123,079   | 449        | 125,391   | 453        | 129,044   | 462        | 132,541   | 445        | 138,661.67   | 434        | 138,604.094  |  |
|                                     |            |           |            |           | (0)        |           | (0)        | (1,392)   | (0)        | (1,461)   | (0)        | (518)     | (0)        | (668)     | (0)        | (1,502)   | (0)        | 0            | (0)        | 1709.851     |  |
| Cancer Control Construction         |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |              |            |              |  |
| E&F                                 |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |           |            |              |            |              |  |
| NHLBI Total Obligations             |            | 3,093,501 |            | 3,069,550 |            | 3,050,959 |            | 2,903,766 |            | 2,988,415 |            | 2,995,546 |            | 3,109,062 |            | 3,209,843 |            | 3,374,154    |            | 3,482,237    |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

**National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)**

NHLBI

| Mechanism <sup>1</sup>              | FY 2020 <sup>2</sup> |                  | FY 2021 <sup>2</sup> |                  | FY 2022 <sup>2</sup> |                  | FY 2023 <sup>2</sup> |                  | FY 2024 <sup>2</sup> |                  |
|-------------------------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|
|                                     | No.                  | Amount           |
| Research Proj.:                     |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Noncompeting                        | 2,809                | 1,781,079        | 2,860                | 1,847,817        | 2,853                | 1,876,959        | 2,905                | 1,940,332        | 2,886                | 1,929,009        |
| Admin. Supp.                        | (140)                | 21,470           | (136)                | 14,142           | (191)                | 16,016           | (233)                | 33,502           | (217)                | 23,833           |
| Competing                           | 968                  | 599,217          | 916                  | 565,526          | 984                  | 617,233          | 908                  | 597,588          | 952                  | 621,124          |
| Subtotal, RPGs                      | 3,777                | 2,401,766        | 3,776                | 2,427,485        | 3,837                | 2,510,210        | 3,813                | 2,571,422        | 3,838                | 2,573,767        |
| SBIR/STTR                           | 187                  | 109,591          | 183                  | 116,083          | 192                  | 121,936          | 183                  | 123,789          | 183                  | 130,702          |
| Subtotal, RPGs                      | 3,964                | 2,511,356        | 3,959                | 2,543,568        | 4,029                | 2,632,146        | 3,996                | 2,695,211        | 4,021                | 2,704,469        |
| Research Centers:                   |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Spec/Comp.                          | 5                    | 15,011           | 6                    | 16,329           | 6                    | 15,761           | 5                    | 13,527           | 4                    | 12,257           |
| Clinical Research                   | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Biotechnology                       | 0                    | 806              | 1                    | 642              | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Comparative Med.                    | 0                    | 455              | 0                    | 455              | 0                    | 455              | 0                    | 450              | 0                    | 450              |
| RCMI                                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Subtotal, Centers                   | 5                    | 16,271           | 7                    | 17,426           | 6                    | 16,216           | 5                    | 13,977           | 4                    | 12,707           |
| Other Research:                     |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Research Careers                    | 801                  | 141,928          | 796                  | 137,856          | 804                  | 133,827          | 807                  | 130,304          | 808                  | 130,450          |
| Cancer Ed.                          | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Coop. Cl.                           | 39                   | 12,847           | 39                   | 10,718           | 39                   | 10,268           | 26                   | 6,389            | 19                   | 4,592            |
| BRS                                 | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| MBRS                                | 0                    | 0                | 0                    | 573              | 0                    | 1,484            | 0                    | 1,471            | 0                    | 1,433            |
| Other                               | 152                  | 108,298          | 142                  | 78,458           | 155                  | 153,040          | 169                  | 214,604          | 173                  | 188,369          |
| Subtotal, Other                     | 992                  | 263,073          | 977                  | 227,605          | 998                  | 298,618          | 1,002                | 352,769          | 1,000                | 324,844          |
| Total, Res. Grants                  | 4,961                | 2,790,701        | 4,943                | 2,788,598        | 5,033                | 2,946,980        | 5,003                | 3,061,956        | 5,025                | 3,042,020        |
| Training:                           |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Individual                          | FTTPs 519            | 24,822           | FTTPs 522            | 25,117           | FTTPs 511            | 24,693           | FTTPs 493            | 23,660           | FTTPs 505            | 26,391           |
| Institutional                       | 1,500                | 94,628           | 1,426                | 91,647           | 1,370                | 91,063           | 1,344                | 92,773           | 1,329                | 94,965           |
| Total, Training                     | 2,019                | 119,450          | 1,948                | 116,764          | 1,881                | 115,756          | 1,837                | 116,434          | 1,834                | 121,356          |
| R & D Contracts (SBIR/STTR)         | 566                  | 347,093          | 597                  | 373,240          | 898                  | 356,216          | 898                  | 394,844          | 982                  | 382,140          |
|                                     | (8)                  | (11,090)         | (4)                  | (2,679)          | (3)                  | (2,663)          | (10)                 | (12,208)         | (2)                  | (3,522)          |
| Intramural Research                 | 409                  | 225,880          | 504                  | 231,231          | 500                  | 241,213          | 463                  | 254,255          | 475                  | 270,710          |
| Res. Mgmt and Support (SBIR Admin.) | 408                  | 141,740          | 359                  | 143,736          | 399                  | 150,140          | 480                  | 157,433          | 498                  | 168,873          |
|                                     | (0)                  | (581)            | (0)                  | (234)            | (0)                  | (261)            | (0)                  | (193)            | (0)                  | (218)            |
| Cancer Control                      | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Construction                        | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| B&F                                 | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| <b>NHLBI Total Obligations</b>      |                      | <b>3,624,863</b> |                      | <b>3,653,569</b> |                      | <b>3,810,306</b> |                      | <b>3,984,921</b> |                      | <b>3,985,099</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> FY 2020 thru FY 2024 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2024 from these multi-year accounts.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIDCR

| Mechanism <sup>1</sup>              | FY 2000 |                | FY 2001 |                | FY 2002 |                | FY 2003 |                | FY 2004 |                | FY 2005 |                | FY 2006 |                | FY 2007 |                | FY 2008 |                | FY 2009 |                |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|                                     | No.     | Amount         |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                        | 388     | 102,958        | 435     | 117,702        | 432     | 136,230        | 456     | 158,349        | 468     | 167,433        | 488     | 175,577        | 482     | 173,486        | 433     | 169,040        | 468     | 175,457        | 458     | 181,682        |  |
| Admin. Supp.                        | (33)    | 1,951          | (49)    | 2,953          | (25)    | 2,080          | (37)    | 2,262          | (12)    | 599            | (19)    | 2,593          | (23)    | 4,848          | (26)    | 6,003          | (16)    | 1,040          | (26)    | 6,109          |  |
| Competing                           | 165     | 41,219         | 172     | 53,169         | 183     | 57,299         | 176     | 51,031         | 213     | 63,632         | 179     | 57,367         | 158     | 61,180         | 199     | 60,430         | 171     | 57,289         | 149     | 56,726         |  |
| Subtotal, RPGs                      | 553     | 146,128        | 607     | 173,824        | 615     | 195,609        | 632     | 211,642        | 681     | 231,664        | 667     | 234,537        | 640     | 239,514        | 632     | 235,473        | 639     | 233,786        | 607     | 244,517        |  |
| SBIR/STTR                           | 38      | 4,846          | 40      | 6,119          | 28      | 6,751          | 25      | 7,671          | 35      | 8,281          | 39      | 8,375          | 30      | 8,575          | 30      | 8,515          | 22      | 8,381          | 29      | 8,719          |  |
| Subtotal, RPGs                      | 591     | 150,974        | 647     | 179,943        | 643     | 202,360        | 657     | 219,313        | 716     | 239,945        | 706     | 242,912        | 670     | 248,089        | 662     | 243,988        | 661     | 242,167        | 636     | 253,236        |  |
| Research Centers:                   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                          | 19      | 20,449         | 13      | 18,667         | 12      | 22,958         | 12      | 21,113         | 7       | 12,424         | 7       | 12,156         | 10      | 12,453         | 8       | 17,940         | 8       | 17,971         | 7       | 16,379         |  |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 89             | 0       | 88             | 0       | 87             | 0       | 39             | 0       | 0              |  |
| Biotechnology                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 15             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 19      | 20,449         | 13      | 18,667         | 12      | 22,958         | 12      | 21,113         | 7       | 12,424         | 7       | 12,260         | 10      | 12,541         | 8       | 18,027         | 8       | 18,010         | 7       | 16,379         |  |
| Other Research:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                    | 89      | 7,165          | 90      | 8,489          | 94      | 9,974          | 107     | 12,303         | 90      | 11,970         | 95      | 12,939         | 85      | 11,811         | 80      | 9,951          | 77      | 9,390          | 74      | 9,019          |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 50             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 320            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                | 0       | 120            | 0       | 132            | 0       | 142            | 0       | 140            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Other                               | 15      | 2,700          | 13      | 2,472          | 11      | 2,152          | 34      | 5,034          | 29      | 13,566         | 37      | 12,937         | 24      | 2,130          | 18      | 1,862          | 20      | 2,182          | 19      | 1,726          |  |
| Subtotal, Other                     | 104     | 9,985          | 103     | 11,093         | 105     | 12,588         | 141     | 17,477         | 119     | 25,586         | 132     | 25,876         | 109     | 13,941         | 98      | 11,813         | 97      | 11,572         | 93      | 10,745         |  |
| Total, Res. Grants                  | 714     | 181,408        | 763     | 209,703        | 760     | 237,906        | 810     | 257,903        | 842     | 277,955        | 845     | 281,048        | 769     | 274,571        | 768     | 273,828        | 766     | 271,749        | 736     | 280,360        |  |
| Training:                           |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                          | 23      | 868            | 30      | 1,118          | 26      | 959            | 31      | 1,233          | 24      | 907            | 31      | 1,290          | 35      | 1,466          | 36      | 1,629          | 44      | 1,859          | 55      | 2,257          |  |
| Institutional                       | 260     | 8,632          | 251     | 8,590          | 247     | 7,791          | 299     | 10,775         | 309     | 13,908         | 331     | 14,618         | 265     | 12,864         | 268     | 11,985         | 279     | 12,334         | 288     | 13,451         |  |
| Total, Training                     | 283     | 9,500          | 281     | 9,708          | 273     | 8,750          | 330     | 12,008         | 333     | 14,815         | 362     | 15,908         | 300     | 14,330         | 304     | 13,614         | 323     | 14,193         | 343     | 15,708         |  |
| R & D Contracts (SBIR/STTR)         | 30      | 12,953         | 25      | 13,798         | 25      | 18,253         | 14      | 22,787         | 17      | 15,220         | 20      | 15,180         | 19      | 18,290         | 17      | 21,235         | 23      | 23,373         | 26      | 20,617         |  |
|                                     | (1)     | (375)          | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (16)           | (0)     | (19)           | (0)     | (19)           | (0)     | (20)           | (0)     | (20)           | (0)     | (15)           |  |
| Intramural Research                 |         | 49,136         |         | 55,668         |         | 57,795         |         | 59,139         |         | 54,054         |         | 57,766         |         | 56,863         |         | 58,367         |         | 59,493         |         | 61,887         |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 15,524         |         | 17,275         |         | 19,588         |         | 19,793         |         | 19,969         |         | 19,444         |         | 21,535         |         | 22,016         |         | 22,328         |         | 23,439         |  |
| Cancer Control                      |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| <b>NIDCR Total Obligations</b>      |         | <b>268,521</b> |         | <b>306,152</b> |         | <b>342,292</b> |         | <b>371,630</b> |         | <b>382,013</b> |         | <b>389,346</b> |         | <b>385,589</b> |         | <b>389,060</b> |         | <b>391,136</b> |         | <b>402,011</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIDCR

| Mechanism <sup>1</sup>              | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |                | FY 2019 |                |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|                                     | No.     | Amount         |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                        | 449     | 193,169        | 451     | 187,337        | 432     | 175,066        | 406     | 176,811        | 367     | 167,851        | 392     | 177,444        | 409     | 195,460        | 422     | 202,513        | 412     | 208,643        | 447     | 205,348        |  |
| Admin. Supp.                        | (20)    | 2,317          | (19)    | 5,096          | (34)    | 8,634          | (29)    | 5,767          | (38)    | 8,544          | (28)    | 5,850          | (25)    | 4,419          | (26)    | 4,552          | (29)    | 1,666          | (0)     | 5,004          |  |
| Competing                           | 172     | 66,491         | 176     | 64,296         | 163     | 71,945         | 143     | 52,788         | 167     | 66,470         | 171     | 68,528         | 172     | 66,266         | 155     | 61,408         | 201     | 75,411         | 193     | 81,311         |  |
| Subtotal, RPGs                      | 621     | 261,977        | 627     | 256,729        | 595     | 255,645        | 549     | 235,366        | 534     | 242,865        | 563     | 251,822        | 581     | 266,145        | 577     | 268,473        | 613     | 285,720        | 640     | 291,664        |  |
| SBIR/STTR                           | 28      | 8,921          | 28      | 8,924          | 24      | 9,337          | 25      | 9,029          | 30      | 9,711          | 28      | 9,895          | 26      | 10,911         | 22      | 11,924         | 25      | 12,704         | 24      | 12,964         |  |
| Subtotal, RPGs                      | 649     | 270,898        | 655     | 265,653        | 619     | 264,982        | 574     | 244,395        | 564     | 252,576        | 591     | 261,717        | 607     | 277,056        | 599     | 280,396        | 638     | 298,424        | 664     | 304,628        |  |
| <b>Research Centers:</b>            |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                          | 7       | 16,658         | 6       | 14,710         | 6       | 14,380         | 4       | 11,839         | 4       | 13,519         | 3       | 6,277          | 3       | 6,017          | 1       | 3,478          | 1       | 3,091          | 1       | 4,042          |  |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 10             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 7       | 16,658         | 6       | 14,710         | 6       | 14,390         | 4       | 11,839         | 4       | 13,519         | 3       | 6,277          | 3       | 6,017          | 1       | 3,478          | 1       | 3,091          | 1       | 4,042          |  |
| <b>Other Research:</b>              |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                    | 63      | 7,722          | 58      | 7,042          | 55      | 6,683          | 47      | 6,378          | 41      | 5,525          | 43      | 5,716          | 42      | 5,683          | 47      | 7,468          | 56      | 8,429          | 58      | 8,507          |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 1       | 418            | 0       | 333            | 0       | 247            | 0       | 97             | 0       | 97             |         |                |  |
| Other                               | 18      | 1,241          | 17      | 1,295          | 16      | 1,791          | 17      | 1,732          | 17      | 1,683          | 18      | 1,581          | 21      | 1,552          | 20      | 9,395          | 24      | 9,116          | 18      | 9,071          |  |
| Subtotal, Other                     | 81      | 8,963          | 75      | 8,337          | 71      | 8,474          | 64      | 8,110          | 59      | 7,626          | 61      | 7,630          | 63      | 7,481          | 67      | 16,863         | 80      | 17,642         | 76      | 17,675         |  |
| Total, Res. Grants                  | 737     | 296,519        | 736     | 288,700        | 696     | 287,846        | 642     | 264,345        | 627     | 273,721        | 655     | 275,624        | 673     | 290,555        | 667     | 300,738        | 719     | 319,158        | 741     | 326,345        |  |
| <b>Training:</b>                    |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                          | 67      | 2,739          | 84      | 3,325          | 89      | 3,501          | 104     | 4,133          | 101     | 4,278          | 98      | 4,119          | 87      | 3,828          | 106     | 4,396          | 114     | 5,246          | 108     | 4,990          |  |
| Institutional                       | 278     | 13,143         | 210     | 10,239         | 167     | 7,514          | 161     | 7,112          | 165     | 8,194          | 159     | 7,593          | 143     | 7,024          | 128     | 6,559          | 131     | 6,474          | 126     | 7,139          |  |
| Total, Training                     | 345     | 15,882         | 294     | 13,564         | 256     | 11,015         | 265     | 11,245         | 266     | 12,472         | 257     | 11,712         | 230     | 10,853         | 234     | 10,955         | 245     | 11,720         | 234     | 12,129         |  |
| R & D Contracts (SBIR/STTR)         | 24      | 14,341         | 15      | 19,933         | 17      | 22,142         | 0       | 24,916         | 21      | 22,402         | 25      | 20,318         | 18      | 19,246         | 15      | 19,317         | 17      | 19,443         | 17      | 22,543         |  |
|                                     | (0)     | (17)           | (0)     | (13)           | (0)     | (20)           | (0)     | (59)           | (0)     | (49)           | (0)     | (84)           | (0)     | (87)           | (0)     | (130)          | (0)     | (140)          |         |                |  |
| Intramural Research                 |         | 61,896         |         | 63,418         |         | 64,829         | 162     | 63,026         | 155     | 64,765         | 152     | 64,902         | 144     | 65,879         | 145     | 66,785         | 139     | 68,299         | 139     | 70,332         |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 23,889         |         | 23,934         |         | 24,447         | 91      | 23,777         | 83      | 24,473         | 80      | 25,117         | 84      | 26,256         | 90      | 26,987         | 89      | 28,036         | 86      | 29,265         |  |
| Cancer Control                      |         | 0              |         | 0              |         | 0              | (0)     | 0              | (0)     | 0              | (0)     | 0              | (0)     | 0              | (0)     | 0              | (0)     | 0              |         |                |  |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         |                |  |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         |                |  |
| <b>NIDCR Total Obligations</b>      |         | <b>412,527</b> |         | <b>409,549</b> |         | <b>410,279</b> |         | <b>387,309</b> |         | <b>397,833</b> |         | <b>397,672</b> |         | <b>412,788</b> |         | <b>424,782</b> |         | <b>446,656</b> |         | <b>460,613</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIDCR

| Mechanism <sup>1</sup>              | FY 2020   |                | FY 2021   |                | FY 2022   |                | FY 2023   |                | FY 2024   |                |
|-------------------------------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|
|                                     | No.       | Amount         |
| Research Proj.:                     |           |                |           |                |           |                |           |                |           |                |
| Noncompeting                        | 467       | 217,613        | 456       | 212,116        | 482       | 228,604        | 468       | 238,391        | 468       | 241,734        |
| Admin. Supp.                        | (67)      | 12,243         | (37)      | 4,565          | (45)      | 4,424          | (30)      | 2,662          | (38)      | 3,827          |
| Competing                           | 178       | 70,329         | 198       | 82,916         | 184       | 81,472         | 191       | 84,077         | 173       | 74,427         |
| Subtotal, RPGs                      | 645       | 300,185        | 654       | 299,597        | 666       | 314,499        | 659       | 325,130        | 641       | 319,987        |
| SBIR/STTR                           | 17        | 13,409         | 19        | 13,500         | 24        | 14,092         | 20        | 14,754         | 20        | 14,485         |
| Subtotal, RPGs                      | 662       | 313,594        | 673       | 313,096        | 690       | 328,591        | 679       | 339,884        | 661       | 334,472        |
| Research Centers:                   |           |                |           |                |           |                |           |                |           |                |
| Spec/Comp.                          | 2         | 5,641          | 1         | 3,933          | 1         | 3,769          | 1         | 6,687          | 1         | 3,806          |
| Clinical Research                   | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| Biotechnology                       | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| Comparative Med.                    | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| RCMI                                | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| Subtotal, Centers                   | 2         | 5,641          | 1         | 3,933          | 1         | 3,769          | 1         | 6,687          | 1         | 3,806          |
| Other Research:                     |           |                |           |                |           |                |           |                |           |                |
| Research Careers                    | 61        | 8,756          | 66        | 9,670          | 73        | 10,804         | 75        | 11,366         | 70        | 10,943         |
| Cancer Ed.                          | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| Coop. Cl.                           | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| BRS                                 | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 1         | 72             |
| MBRS                                | 0         | 97             | 0         | 333            | 0         | 0              | 0         | 109            | 0         | 104            |
| Other                               | 17        | 11,985         | 23        | 15,017         | 24        | 15,378         | 30        | 16,338         | 33        | 19,017         |
| Subtotal, Other                     | 78        | 20,839         | 89        | 25,019         | 97        | 26,181         | 105       | 27,813         | 104       | 30,136         |
| Total, Res. Grants                  | 742       | 340,073        | 763       | 342,049        | 788       | 358,541        | 785       | 374,385        | 766       | 368,414        |
| Training:                           |           |                |           |                |           |                |           |                |           |                |
| Individual                          | FTIPs 122 | 5,853          | ETIPs 118 | 5,445          | ETIPs 115 | 5,653          | ETIPs 114 | 5,606          | ETIPs 100 | 4,933          |
| Institutional                       | 130       | 7,503          | 125       | 7,497          | 123       | 7,246          | 132       | 8,163          | 133       | 9,215          |
| Total, Training                     | 252       | 13,356         | 243       | 12,943         | 238       | 12,899         | 246       | 13,768         | 233       | 14,148         |
| R & D Contracts (SBIR/STTR)         | 19        | 20,988         | 19        | 22,201         | 25        | 22,994         | 18        | 24,142         | 21        | 25,089         |
|                                     | (0)       | (142)          | (0)       | (142)          | (0)       | (147)          | (1)       | (160)          | (0)       | (259)          |
|                                     |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |
| Intramural Research                 | 144       | 72,811         | 150       | 74,893         | 147       | 74,876         | 141       | 75,643         | 144       | 78,687         |
| Res. Mgmt and Support (SBIR Admin.) | 86        | 30,416         | 91        | 31,284         | 92        | 31,874         | 85        | 32,154         | 94        | 33,782         |
| Cancer Control                      | (0)       | (1)            | (0)       | (4)            | (0)       | (3)            | (0)       | (3)            | (0)       | (1)            |
| Construction                        | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| B&F                                 | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |
| <b>NIDCR Total Obligations</b>      |           | <b>477,644</b> |           | <b>483,360</b> |           | <b>501,183</b> |           | <b>520,092</b> |           | <b>520,120</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| Mechanism <sup>1</sup>                | FY 2000    |                  | FY 2001    |                  | FY 2002    |                  | FY 2003    |                  | FY 2004    |                  | FY 2005    |                  | FY 2006    |                  | FY 2007    |                  | FY 2008    |                  | FY 2009    |                  |  |
|---------------------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|
|                                       | No.        | Amount           |  |
| Research Proj.:                       |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Noncompeting                          | 2,017      | 595,663          | 2,074      | 651,052          | 2,050      | 699,109          | 2,142      | 767,277          | 2,388      | 842,638          | 2,374      | 850,296          | 2,334      | 844,800          | 2,299      | 853,506          | 2,150      | 828,728          | 2,080      | 805,409          |  |
| Admin. Supp.                          | (211)      | 12,673           | (247)      | 24,102           | (317)      | 48,279           | (334)      | 28,342           | (338)      | 33,412           | (193)      | 18,838           | (160)      | 14,190           | (200)      | 27,459           | (110)      | 10,837           | (191)      | 16,882           |  |
| Competing                             | 684        | 197,660          | 681        | 215,235          | 745        | 247,600          | 875        | 278,124          | 821        | 254,449          | 798        | 255,002          | 769        | 245,992          | 707        | 229,475          | 694        | 241,942          | 619        | 282,367          |  |
| Subtotal, RPGs                        | 2,701      | 805,996          | 2,755      | 890,389          | 2,795      | 994,988          | 3,017      | 1,073,743        | 3,209      | 1,130,499        | 3,172      | 1,124,136        | 3,103      | 1,104,982        | 3,006      | 1,110,440        | 2,844      | 1,081,507        | 2,699      | 1,104,658        |  |
| SBIR/STTR                             | 126        | 24,770           | 111        | 29,052           | 121        | 34,320           | 132        | 37,615           | 123        | 38,593           | 140        | 40,673           | 118        | 40,554           | 100        | 41,172           | 99         | 41,232           | 109        | 42,458           |  |
| Subtotal, RPGs                        | 2,827      | 830,766          | 2,866      | 919,441          | 2,916      | 1,029,308        | 3,149      | 1,111,358        | 3,332      | 1,169,092        | 3,312      | 1,164,809        | 3,221      | 1,145,536        | 3,106      | 1,151,612        | 2,943      | 1,122,739        | 2,808      | 1,147,116        |  |
| Research Centers:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Spec/Comp.                            | 68         | 66,428           | 69         | 72,192           | 69         | 78,092           | 78         | 82,311           | 76         | 82,626           | 80         | 89,666           | 78         | 87,980           | 80         | 86,639           | 79         | 90,552           | 80         | 98,496           |  |
| Clinical Research                     | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Biotechnology                         | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 250              | 0          | 250              | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Comparative Med.                      | 0          | 0                | 0          | 225              | 0          | 260              | 0          | 300              | 0          | 457              | 0          | 150              | 0          | 49               | 0          | 47               | 0          | 49               |            |                  |  |
| RCMI                                  | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Subtotal, Centers                     | 68         | 66,428           | 69         | 72,417           | 69         | 78,352           | 78         | 82,861           | 76         | 83,333           | 80         | 90,066           | 78         | 88,029           | 80         | 86,686           | 79         | 90,601           | 80         | 98,545           |  |
| Other Research:                       |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Research Careers                      | 277        | 32,050           | 324        | 37,137           | 383        | 45,674           | 450        | 55,236           | 466        | 57,342           | 489        | 61,477           | 507        | 65,190           | 521        | 66,746           | 526        | 71,086           | 512        | 72,354           |  |
| Cancer Ed.                            | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| Coop. Cl.                             | 0          | 0                | 0          | 0                | 0          | 50               | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| BRS                                   | 0          | 0                | 0          | 0                | 0          | 1,452            | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |            |                  |  |
| MBRS                                  | 0          | 2,629            | 0          | 3,000            | 0          | 2,415            | 0          | 1,690            | 0          | 1,787            | 0          | 1,521            | 0          | 1,521            | 0          | 509              | 0          | 54               |            |                  |  |
| Other                                 | 43         | 12,699           | 62         | 17,890           | 71         | 19,844           | 44         | 26,433           | 113        | 30,202           | 91         | 34,545           | 93         | 30,666           | 100        | 30,590           | 87         | 32,399           | 92         | 33,309           |  |
| Subtotal, Other                       | 320        | 47,378           | 386        | 58,027           | 454        | 69,435           | 494        | 83,359           | 579        | 89,331           | 580        | 97,543           | 600        | 97,377           | 621        | 97,845           | 613        | 103,539          | 604        | 105,717          |  |
| Total, Res. Grants                    | 3,215      | 944,572          | 3,321      | 1,049,885        | 3,439      | 1,177,095        | 3,721      | 1,277,578        | 3,987      | 1,341,756        | 3,972      | 1,352,418        | 3,899      | 1,330,942        | 3,807      | 1,336,143        | 3,635      | 1,316,879        | 3,492      | 1,351,378        |  |
| Training:                             |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Individual                            | FTIPs: 142 | 5,420            | FTIPs: 157 | 6,212            | FTIPs: 152 | 6,697            | FTIPs: 150 | 6,871            | FTIPs: 137 | 6,411            | FTIPs: 170 | 8,027            | FTIPs: 165 | 7,717            | FTIPs: 159 | 7,359            | FTIPs: 219 | 9,833            | FTIPs: 215 | 9,581            |  |
| Institutional                         | 730        | 31,130           | 856        | 34,669           | 908        | 40,252           | 975        | 44,665           | 1,078      | 48,568           | 932        | 44,767           | 935        | 46,341           | 947        | 46,768           | 978        | 46,070           | 927        | 47,336           |  |
| Total, Training                       | 872        | 36,550           | 1,013      | 40,881           | 1,060      | 46,949           | 1,125      | 51,536           | 1,215      | 54,979           | 1,102      | 52,794           | 1,100      | 54,058           | 1,106      | 54,127           | 1,197      | 55,903           | 1,142      | 56,917           |  |
| R & D Contracts (SBIR/STTR)           | 58         | 35,959           | 64         | 46,123           | 192        | 51,370           | 385        | 78,953           | 411        | 74,326           | 400        | 79,534           | 348        | 81,995           | 269        | 90,833           | 263        | 110,174          | 148        | 113,776          |  |
|                                       | (5)        | (767)            | (9)        | (905)            | (2)        | (750)            | (4)        | (1,513)          | (5)        | (1,251)          | (2)        | (100)            | (2)        | (100)            | (3)        | (105)            | (3)        | (105)            | (2)        | (78)             |  |
| Intramural Research                   |            | 115,279          |            | 124,906          |            | 141,759          |            | 157,324          |            | 157,766          |            | 164,716          |            | 163,038          |            | 164,008          |            | 167,851          |            | 175,618          |  |
| Res. Mgmt and Support (SBIR Admin.)   |            | 34,750           |            | 40,599           |            | 45,840           |            | 50,568           |            | 50,646           |            | 53,130           |            | 58,478           |            | 57,879           |            | 61,381           |            | 64,106           |  |
| Cancer Control                        |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| Construction                          |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| B&F                                   |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| <b>NIDDK Direct Total Obligations</b> |            | <b>1,167,110</b> |            | <b>1,302,394</b> |            | <b>1,463,013</b> |            | <b>1,615,959</b> |            | <b>1,679,473</b> |            | <b>1,702,592</b> |            | <b>1,688,511</b> |            | <b>1,702,990</b> |            | <b>1,712,188</b> |            | <b>1,761,795</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Total obligation derive from budget authority received from the NIDDK discretionary appropriation.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| Mechanism <sup>1</sup>                | FY 2010    |                  | FY 2011    |                  | FY 2012    |                  | FY 2013    |                  | FY 2014    |                  | FY 2015    |                  | FY 2016    |                  | FY 2017    |                  | FY 2018    |                  | FY 2019    |                  |  |
|---------------------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|
|                                       | No.        | Amount           |  |
| Research Proj.:                       |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Noncompeting                          | 2,044      | 818,156          | 2,159      | 848,327          | 2,105      | 854,490          | 1,953      | 810,510          | 1,751      | 788,123          | 1,778      | 789,868          | 1,751      | 790,690          | 1,915      | 851,231          | 1,903      | 889,225          | 1,938      | 925,797          |  |
| Admin. Supp.                          | (104)      | 13,830           | (101)      | 10,725           | (108)      | 12,524           | (148)      | 12,556           | (113)      | 14,964           | (125)      | 15,401           | (90)       | 13,083           | (88)       | 13,238           | (105)      | 15,941           | (103)      | 13,096           |  |
| Competing                             | 767        | 314,673          | 634        | 267,732          | 581        | 253,245          | 550        | 228,316          | 680        | 273,595          | 661        | 268,389          | 714        | 304,073          | 585        | 284,375          | 664        | 305,256          | 657        | 315,910          |  |
| Subtotal, RPGs                        | 2,811      | 1,146,659        | 2,793      | 1,126,784        | 2,686      | 1,120,259        | 2,503      | 1,051,382        | 2,431      | 1,076,682        | 2,439      | 1,073,659        | 2,465      | 1,107,846        | 2,500      | 1,148,844        | 2,567      | 1,210,422        | 2,595      | 1,254,803        |  |
| SBIR/STTR                             | 120        | 43,392           | 95         | 43,019           | 85         | 45,383           | 98         | 43,760           | 105        | 47,355           | 111        | 49,383           | 102        | 53,470           | 111        | 57,919           | 115        | 61,166           | 115        | 62,484           |  |
| Subtotal, RPGs                        | 2,931      | 1,190,051        | 2,888      | 1,169,803        | 2,771      | 1,165,642        | 2,601      | 1,095,142        | 2,536      | 1,124,037        | 2,550      | 1,123,041        | 2,567      | 1,161,316        | 2,611      | 1,206,763        | 2,682      | 1,271,588        | 2,710      | 1,317,289        |  |
| Research Centers:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Spec/Comp.                            | 89         | 99,670           | 93         | 100,064          | 97         | 101,430          | 93         | 99,854           | 93         | 106,814          | 98         | 110,164          | 94         | 113,574          | 93         | 114,548          | 95         | 115,676          | 97         | 116,886          |  |
| Clinical Research                     | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Biotechnology                         | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 6                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Comparative Med.                      | 0          | 49               | 0          | 548              | 0          | 547              | 0          | 522              | 0          | 541              | 0          | 537              | 0          | 47               | 0          | 47               | 0          | 50               | 0          | 50               |  |
| RCMI                                  | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Subtotal, Centers                     | 89         | 99,719           | 93         | 100,612          | 97         | 101,977          | 93         | 100,376          | 93         | 107,362          | 98         | 110,701          | 94         | 113,621          | 93         | 114,595          | 95         | 115,726          | 97         | 116,936          |  |
| Other Research:                       |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Research Careers                      | 507        | 72,946           | 494        | 74,400           | 486        | 73,091           | 489        | 72,445           | 491        | 73,693           | 485        | 72,627           | 475        | 75,463           | 445        | 74,293           | 450        | 77,056           | 453        | 78,971           |  |
| Cancer Ed.                            | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Coop. Cl.                             | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| BRS                                   | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| MBRS                                  | 0          | 0                | 0          | 0                | 0          | 336              | 0          | 117              | 0          | 580              | 0          | 580              | 0          | 580              | 0          | 580              | 0          | 544              | 0          | 531              |  |
| Other                                 | 96         | 39,612           | 114        | 52,929           | 106        | 51,966           | 102        | 45,107           | 105        | 49,796           | 106        | 50,049           | 113        | 57,284           | 114        | 63,268           | 112        | 67,107           | 122        | 72,960           |  |
| Subtotal, Other                       | 603        | 112,558          | 608        | 127,329          | 592        | 125,393          | 591        | 117,669          | 596        | 124,069          | 591        | 123,256          | 588        | 133,328          | 559        | 138,141          | 562        | 144,706          | 575        | 152,463          |  |
| Total, Res. Grants                    | 3,623      | 1,402,328        | 3,589      | 1,397,744        | 3,460      | 1,393,012        | 3,285      | 1,313,188        | 3,225      | 1,355,468        | 3,239      | 1,356,999        | 3,249      | 1,408,265        | 3,263      | 1,459,500        | 3,339      | 1,532,020        | 3,382      | 1,586,666        |  |
| Training:                             |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Individual                            | FITPs: 252 | 10,859           | FITPs: 268 | 12,309           | FITPs: 261 | 11,924           | FITPs: 250 | 11,566           | FITPs: 261 | 12,319           | FITPs: 265 | 12,185           | FITPs: 300 | 14,146           | FITPs: 298 | 13,491           | FITPs: 302 | 14,512           | FITPs: 297 | 13,894           |  |
| Institutional                         | 917        | 46,848           | 930        | 46,302           | 895        | 46,708           | 821        | 43,934           | 827        | 44,269           | 816        | 45,255           | 812        | 45,154           | 794        | 46,401           | 808        | 48,191           | 783        | 50,060           |  |
| Total, Training                       | 1,169      | 57,707           | 1,198      | 58,611           | 1,156      | 58,632           | 1,071      | 55,500           | 1,088      | 56,588           | 1,081      | 57,440           | 1,112      | 59,300           | 1,092      | 59,892           | 1,110      | 62,703           | 1,080      | 63,954           |  |
| R & D Contracts (SBIR/STTR)           | 210        | 103,856          | 114        | 90,329           | 144        | 98,071           | 137        | 89,709           | 108        | 92,103           | 109        | 91,039           | 118        | 93,395           | 104        | 90,666           | 136        | 94,994           | 124        | 91,173           |  |
|                                       | (2)        | (94)             | (3)        | (71)             | (6)        | (395)            | (2)        | (317)            | (3)        | (259)            | (4)        | (464)            | (4)        | (468)            | (3)        | (688)            | (2)        | (133)            | (3)        | (732)            |  |
| Intramural Research                   |            | 179,761          |            | 179,593          |            | 179,580          |            | 172,476          |            | 175,919          |            | 177,642          |            | 184,408          |            | 189,634          |            | 199,871          |            | 206,830          |  |
| Res. Mgmt and Support (SBIR Admin.)   |            | 65,253           |            | 65,878           |            | 65,994           |            | 63,804           |            | 65,099           |            | 65,968           |            | 68,370           |            | 70,106           |            | 73,820           |            | 76,719           |  |
| Cancer Control                        |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Construction                          |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| B&F                                   |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| <b>NIDDK Direct Total Obligations</b> |            | <b>1,808,905</b> |            | <b>1,792,155</b> |            | <b>1,795,289</b> |            | <b>1,694,677</b> |            | <b>1,745,177</b> |            | <b>1,749,088</b> |            | <b>1,813,738</b> |            | <b>1,869,798</b> |            | <b>1,963,407</b> |            | <b>2,025,342</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Total obligation derive from budget authority received from the NIDDK discretionary appropriation.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIDDK Direct

| Mechanism <sup>1</sup>                | FY 2020 |                  | FY 2021 |                  | FY 2022 |                  | FY 2023 |                  | FY 2024 |                  |       |
|---------------------------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|-------|
|                                       | No.     | Amount           |       |
| Research Proj.:                       |         |                  |         |                  |         |                  |         |                  |         |                  |       |
| Noncompeting                          | 1,956   | 941,215          | 1,947   | 968,118          | 2,110   | 1,079,109        | 2,092   | 1,076,607        | 2,078   | 1,086,946        |       |
| Admin. Supp.                          | (126)   | 27,634           | (93)    | 11,725           | (143)   | 15,635           | (135)   | 15,026           | (128)   | 14,401           |       |
| Competing                             | 729     | 359,672          | 788     | 366,290          | 641     | 310,052          | 706     | 365,712          | 672     | 363,986          |       |
| Subtotal, RPGs                        | 2,685   | 1,328,520        | 2,735   | 1,346,134        | 2,751   | 1,404,796        | 2,798   | 1,457,345        | 2,750   | 1,465,334        |       |
| SBIR/STTR                             | 103     | 65,199           | 109     | 66,311           | 104     | 68,305           | 99      | 71,542           | 101     | 69,901           |       |
| Subtotal, RPGs                        | 2,788   | 1,393,720        | 2,844   | 1,412,445        | 2,855   | 1,473,100        | 2,897   | 1,528,887        | 2,851   | 1,535,235        |       |
| Research Centers:                     |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |       |
| Spec/Comp.                            | 96      | 116,987          | 89      | 109,807          | 87      | 109,735          | 87      | 112,167          | 86      | 107,051          |       |
| Clinical Research                     | 0       | 149              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |       |
| Biotechnology                         | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |       |
| Comparative Med.                      | 0       | 50               | 0       | 50               | 0       | 50               | 0       | 50               | 0       | 50               |       |
| RCMI                                  | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |       |
| Subtotal, Centers                     | 96      | 117,186          | 89      | 109,857          | 87      | 109,785          | 87      | 112,217          | 86      | 107,101          |       |
| Other Research:                       |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |       |
| Research Careers                      | 452     | 81,592           | 463     | 87,037           | 482     | 86,071           | 493     | 88,622           | 488     | 84,941           |       |
| Cancer Ed.                            | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |       |
| Coop. Cl.                             | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |       |
| BRS                                   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |       |
| MBRS                                  | 0       | 532              | 0       | 532              | 0       | 227              | 0       | 109              | 0       | 104              |       |
| Other                                 | 112     | 74,653           | 112     | 65,212           | 110     | 64,957           | 126     | 80,066           | 144     | 74,394           |       |
| Subtotal, Other                       | 564     | 156,778          | 575     | 152,781          | 592     | 151,256          | 619     | 168,796          | 632     | 159,439          |       |
| Total, Res. Grants                    | 3,448   | 1,667,683        | 3,508   | 1,675,083        | 3,534   | 1,734,141        | 3,603   | 1,809,900        | 3,569   | 1,801,775        |       |
| Training:                             |         |                  |         |                  |         |                  |         |                  |         |                  |       |
| Individual                            | FTIPs   | 296              | 13,982  | ETIPs            | 309     | 15,115           | ETIPs   | 285              | 14,135  | ETIPs            | 285   |
| Institutional                         |         | 781              | 46,252  |                  | 742     | 43,654           |         | 751              | 47,895  |                  | 740   |
| Total, Training                       |         | 1,077            | 60,235  |                  | 1,051   | 58,769           |         | 1,036            | 61,643  |                  | 1,025 |
| R & D Contracts (SBIR/STTR)           |         | 120              | 92,039  |                  | 124     | 94,420           |         | 136              | 98,811  |                  | 113   |
|                                       |         | (2)              | (725)   |                  | (2)     | (749)            |         | (3)              | (885)   |                  | (3)   |
|                                       |         | 0                | 0       |                  | 0       | 0                |         | 0                |         | 0                |       |
| Intramural Research                   |         | 347              | 215,016 |                  | 388     | 216,339          |         | 377              | 225,271 |                  | 388   |
| Res. Mgmt and Support (SBIR Admin.)   |         | 285              | 80,112  |                  | 298     | 80,759           |         | 308              | 86,310  |                  | 310   |
| Cancer Control                        |         | (2)              | (43)    |                  | (0)     | (0)              |         | (2)              | (0)     |                  | (8)   |
| Construction                          |         | 0                | 0       |                  | 0       | 0                |         | 0                | 0       |                  | 0     |
| B&F                                   |         | 0                | 0       |                  | 0       | 0                |         | 0                | 0       |                  | 0     |
| <b>NIDDK Direct Total Obligations</b> |         | <b>2,115,084</b> |         | <b>2,125,370</b> |         | <b>2,206,175</b> |         | <b>2,302,957</b> |         | <b>2,313,030</b> |       |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Total obligation derive from budget authority received from the NIDDK discretionary appropriation.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| NIDDK Type 1<br>Mechanism <sup>1</sup> | FY 2000 |        | FY 2001  |               | FY 2002 |               | FY 2003 |               | FY 2004 |                | FY 2005 |                | FY 2006 |                | FY 2007 |                | FY 2008 |                | FY 2009 |                |  |
|--|---------|--------|----------|---------------|---------|---------------|---------|---------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|  | No.     | Amount | No.      | Amount        | No.     | Amount        | No.     | Amount        | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         |  |
| Research Proj.:                        |         |        |          |               |         |               |         |               |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                           |         |        | 7        | 4,452         | 28      | 36,090        | 110     | 63,502        | 61      | 68,517         | 122     | 101,643        | 70      | 83,959         | 84      | 57,660         | 60      | 30,337         | 39      | 34,638         |  |
| Admin. Supp.                           |         |        | (15)     | 5,266         | (4)     | 2,676         | (6)     | 1,597         | (11)    | 6,531          | (4)     | 1,551          | (9)     | 1,204          | (13)    | 9,066          | (3)     | 9,348          | (2)     | 6,865          |  |
| Competing                              |         |        | 23       | 34,919        | 84      | 37,906        | 16      | 9,680         | 74      | 45,800         | 26      | 14,214         | 33      | 13,307         | 10      | 4,498          | 16      | 28,668         | 19      | 18,917         |  |
| Subtotal, RPGs                         | 0       | 0      | 30       | 44,637        | 112     | 76,672        | 126     | 74,779        | 135     | 120,848        | 148     | 117,408        | 103     | 98,470         | 94      | 71,224         | 76      | 68,353         | 58      | 60,420         |  |
| SBIR/STTR                              |         |        | 0        | 0             | 0       | 0             | 0       | 0             | 7       | 4,203          | 6       | 4,167          | 6       | 4,167          | 7       | 4,167          | 7       | 4,167          | 9       | 5,218          |  |
| Subtotal, RPGs                         | 0       | 0      | 30       | 44,637        | 112     | 76,672        | 126     | 74,779        | 142     | 125,051        | 154     | 121,575        | 109     | 102,637        | 101     | 75,391         | 83      | 72,520         | 67      | 65,638         |  |
| <b>Research Centers:</b>               |         |        |          |               |         |               |         |               |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                             |         |        | 27       | 4,648         | 0       | 894           | 0       | 0             | 0       | 308            | 0       | 0              | 0       | 694            | 0       | 968            | 0       | 0              | 0       | 0              |  |
| Clinical Research                      |         |        | 0        | 0             | 0       | 0             | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology                          |         |        | 0        | 0             | 0       | 0             | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Comparative Med.                       |         |        | 0        | 9,000         | 0       | 2,000         | 0       | 5,000         | 0       | 5,000          | 0       | 5,000          | 0       | 5,000          | 1       | 4,855          | 0       | 4,758          | 0       | 0              |  |
| RCMI                                   |         |        | 0        | 0             | 0       | 0             | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                      | 0       | 0      | 27       | 13,648        | 0       | 2,894         | 0       | 5,000         | 0       | 5,308          | 0       | 5,000          | 0       | 5,694          | 1       | 5,823          | 0       | 4,758          | 0       | 0              |  |
| <b>Other Research:</b>                 |         |        |          |               |         |               |         |               |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                       |         |        | 0        | 0             | 5       | 1,819         | 7       | 2,371         | 7       | 2,371          | 7       | 2,384          | 2       | 404            | 0       | 992            | 0       | 0              | 0       | 0              |  |
| Cancer Ed.                             |         |        | 0        | 0             | 0       | 0             | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                              |         |        | 0        | 0             | 0       | 3,759         | 0       | 3,604         | 0       | 3,422          | 3       | 2,698          | 0       | 2,270          | 0       | 3,024          | 0       | 2,983          | 0       | 4,932          |  |
| BRS                                    |         |        | 0        | 0             | 0       | 0             | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                   |         |        | 0        | 0             | 0       | 0             | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Other                                  |         |        | 3        | 9,427         | 1       | 1,502         | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 1,360          | 0       | 874            | 0       | 874            | 0       | 874            |  |
| Subtotal, Other                        | 0       | 0      | 3        | 9,427         | 6       | 7,080         | 7       | 5,975         | 7       | 5,793          | 10      | 5,082          | 2       | 4,034          | 0       | 4,890          | 0       | 3,857          | 0       | 5,806          |  |
| Total, Res. Grants                     | 0       | 0      | 60       | 67,712        | 118     | 86,646        | 133     | 85,754        | 149     | 136,152        | 164     | 131,657        | 111     | 112,365        | 102     | 86,104         | 83      | 81,135         | 67      | 71,444         |  |
| <b>Training:</b>                       |         |        |          |               |         |               |         |               |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                             | FTIPs:  |        | FTIPs:   | 0             | 0       | 0             | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Institutional                          |         |        |          | 0             | 0       | 20            | 753     | 19            | 1,102   | 20             | 904     | 19             | 785     | 19             | 949     | 5              | 291     | 0              | 0       | 0              |  |
| Total, Training                        | 0       | 0      | 0        | 0             | 20      | 753           | 19      | 1,102         | 20      | 904            | 19      | 785            | 19      | 949            | 5       | 291            | 0       | 0              | 0       | 0              |  |
| R & D Contracts (SBIR/STTR)            |         |        | 0        | 27,504        | 10      | 9,352         | 0       | 9,987         | 11      | 12,807         | 11      | 17,022         | 20      | 35,895         | 18      | 62,901         | 22      | 68,278         | 9       | 77,777         |  |
| Intramural Research                    |         |        |          | 1,572         |         | 146           |         | 0             |         | 19             |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| Res. Mgmt and Support (SBIR Admin.)    |         |        |          | 2             |         | 103           |         | 157           |         | 118            |         | 536            |         | 791            |         | 704            |         | 587            |         | 779            |  |
| Cancer Control                         |         |        |          | 0             |         | 0             |         | 0             |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| Construction                           |         |        |          | 0             |         | 0             |         | 0             |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| B&F                                    |         |        |          | 0             |         | 0             |         | 0             |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| <b>NIDDK Type 1 Total Obligations</b>  |         |        | <b>0</b> | <b>96,790</b> |         | <b>97,000</b> |         | <b>97,000</b> |         | <b>150,000</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Total obligation derive from budget authority received from mandatory appropriations.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| Mechanism <sup>1</sup>                | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |               | FY 2019 |               |   |
|---------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|---------------|---------|---------------|---|
|                                       | No.     | Amount         | No.     | Amount        | No.     | Amount        |   |
| Research Proj.:                       |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |               |         |               |   |
| Noncompeting                          | 39      | 34,638         | 37      | 30,394         | 29      | 29,571         | 30      | 37,858         | 14      | 16,187         | 0       | 10,832         | 2       | 13,221         | 0       | 5,434          | 0       | 3,843         | 24      | 17,539        |   |
| Admin. Supp.                          | (2)     | 6,865          | (4)     | 1,986          | (2)     | 1,114          | (2)     | 135            | (10)    | 5,479          | (4)     | 1,251          | (15)    | 28,360         | (2)     | 82             | (2)     | 332           | ((7))   | 12,014        |   |
| Competing                             | 19      | 18,917         | 16      | 106,028        | 25      | 110,153        | 29      | 93,879         | 34      | 108,076        | 28      | 128,478        | 21      | 98,665         | 23      | 127,235        | 25      | 15,215        | 29      | 32,476        |   |
| Subtotal, RPGs                        | 58      | 60,420         | 53      | 138,408        | 54      | 140,838        | 59      | 131,872        | 48      | 129,742        | 28      | 140,560        | 23      | 140,245        | 23      | 132,752        | 25      | 19,390        | 53      | 62,028        |   |
| SBIR/STTR                             | 9       | 5,218          | 5       | 4,167          | 15      | 4,113          | 17      | 4,438          | 11      | 4,495          | 9       | 4,939          | 13      | 5,164          | 12      | 5,098          | 7       | 3,428         | 14      | 6,043         |   |
| Subtotal, RPGs                        | 67      | 65,638         | 58      | 142,575        | 69      | 144,951        | 76      | 136,310        | 59      | 134,237        | 37      | 145,499        | 36      | 145,409        | 35      | 137,850        | 32      | 22,815        | 67      | 68,071        |   |
| Research Centers:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |               |         |               |   |
| Spec/Comp.                            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Clinical Research                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Biotechnology                         | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Comparative Med.                      | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| RCMI                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Subtotal, Centers                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Other Research:                       |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |               |         |               |   |
| Research Careers                      | 0       | 0              | 5       | 1,924          | 6       | 2,641          | 6       | 2,745          | 6       | 2,561          | 6       | 2,231          | 5       | 2,146          | 0       | 0              | 4       | 1,477         | 5       | 2,351         |   |
| Cancer Ed.                            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Coop. Cl.                             | 0       | 4,932          | 0       | 4,584          | 0       | 2,000          | 0       | 1,930          | 0       | 2,000          | 0       | 2,000          | 0       | 2,200          | 0       | 1,800          | 0       | 2,000         | 0       | 2,000         |   |
| BRS                                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| MBRS                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Other                                 | 0       | 874            | 0       | 0              | 1       | 71             | 1       | 1,037          | 1       | 77             | 1       | 47             | 1       | 72             | 0       | 0              | 0       | 0             | 1       | 1,500         |   |
| Subtotal, Other                       | 0       | 5,806          | 5       | 6,508          | 7       | 4,712          | 7       | 5,712          | 7       | 4,638          | 7       | 4,278          | 6       | 4,419          | 0       | 1,800          | 4       | 3,477         | 6       | 5,851         |   |
| Total, Res. Grants                    | 67      | 71,444         | 63      | 149,083        | 76      | 149,663        | 83      | 142,022        | 66      | 138,875        | 44      | 149,777        | 42      | 149,828        | 35      | 139,650        | 36      | 26,292        | 73      | 73,923        |   |
| Training:                             |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |               |         |               |   |
| Individual                            | FITPs:  | 0              | 0       | FITPs:         | 0       | 0              | FITPs:  | 0              | 0       | FITPs:         | 0       | 0              | FITPs:  | 0              | 0       | FITPs:         | 0       | 0             | FITPs:  | 0             | 0 |
| Institutional                         | 0       | 0              | 0       | 0              | 6       | 337            | 6       | 328            | 6       | 325            | 6       | 223            | 6       | 172            | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Total, Training                       | 0       | 0              | 0       | 0              | 6       | 337            | 6       | 328            | 6       | 325            | 6       | 223            | 6       | 172            | 0       | 0              | 0       | 0             | 0       | 0             |   |
| R & D Contracts (SBIR/STTR)           | 9       | 77,777         | 3       | 917            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Intramural Research                   | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)           | (0)     | (0)           |   |
| Res. Mgmt and Support (SBIR Admin.)   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Cancer Control                        | 779     | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| Construction                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| B&F                                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0             | 0       | 0             |   |
| <b>NIDDK Type 1 Total Obligations</b> |         | <b>150,000</b> |         | <b>150,000</b> |         | <b>150,000</b> |         | <b>142,350</b> |         | <b>139,200</b> |         | <b>150,000</b> |         | <b>150,000</b> |         | <b>139,650</b> |         | <b>26,292</b> |         | <b>73,923</b> |   |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Total obligation derive from budget authority received from mandatory appropriations.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIDDK Type 1

| Mechanism <sup>1</sup>                | FY 2020 |                | FY 2021 |                | FY 2022 |                | FY 2023 |                | FY 2024 |                |
|---------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
|                                       | No.     | Amount         |
| Research Proj.:                       |         |                |         |                |         |                |         |                |         |                |
| Noncompeting                          | 51      | 51,090         | 73      | 53,116         | 62      | 58,006         | 66      | 99,615         | 86      | 74,670         |
| Admin. Supp.                          | (3)     | 9,969          | (3)     | 587            | (7)     | 189            | (4)     | 1,114          | (2)     | 2,898          |
| Competing                             | 31      | 34,883         | 8       | 39,167         | 45      | 47,715         | 15      | 8,826          | 39      | 27,120         |
| Subtotal, RPGs                        | 82      | 95,943         | 81      | 92,870         | 107     | 105,909        | 81      | 109,555        | 125     | 104,688        |
| SBIR/STTR                             | 10      | 4,981          | 9       | 4,228          | 6       | 2,718          | 22      | 9,363          | 16      | 6,830          |
| Subtotal, RPGs                        | 92      | 100,924        | 90      | 97,098         | 113     | 108,627        | 103     | 118,918        | 141     | 111,518        |
| Research Centers:                     |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |
| Spec/Comp.                            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Clinical Research                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Biotechnology                         | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Comparative Med.                      | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| RCMI                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Subtotal, Centers                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Other Research:                       |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |
| Research Careers                      | 5       | 2,173          | 1       | 1,180          | 2       | 3,005          | 2       | 2,999          | 2       | 2,624          |
| Cancer Ed.                            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Coop. Cl.                             | 0       | 2,000          | 0       | 2,000          | 0       | 2,000          | 0       | 2,000          | 0       | 2,000          |
| BRS                                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| MBRS                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Other                                 | 0       | 796            | 2       | 3,500          | 5       | 6,627          | 2       | 4,666          | 6       | 12,094         |
| Subtotal, Other                       | 5       | 4,969          | 3       | 6,680          | 7       | 11,632         | 4       | 9,665          | 8       | 16,718         |
| Total, Res. Grants                    | 97      | 105,893        | 93      | 103,778        | 120     | 120,259        | 107     | 128,583        | 149     | 128,236        |
| Training:                             |         |                |         |                |         |                |         |                |         |                |
| Individual                            | FTTPs   | 0              |
| Institutional                         | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Total, Training                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| R & D Contracts (SBIR/STTR)           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Intramural Research                   | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |
| Res. Mgmt and Support (SBIR Admin.)   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Cancer Control                        | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Construction                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| B&F                                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| <b>NIDDK Type 1 Total Obligations</b> |         | <b>105,893</b> |         | <b>103,778</b> |         | <b>120,259</b> |         | <b>128,583</b> |         | <b>128,236</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Total obligation derive from budget authority received from mandatory appropriations.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| NIAID<br>Mechanism <sup>1</sup>     | FY 2000    |                  | FY 2001    |                  | FY 2002    |                  | FY 2003    |                  | FY 2004    |                  | FY 2005    |                  | FY 2006    |                  | FY 2007    |                  | FY 2008    |                  | FY 2009    |                  |  |
|-------------------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|
|                                     | No.        | Amount           |  |
| Research Proj.:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Noncompeting                        | 2,354      | 762,681          | 2,471      | 990,590          | 2,521      | 1,103,835        | 2,691      | 1,269,680        | 2,956      | 1,423,484        | 2,977      | 1,356,810        | 3,065      | 1,468,333        | 3,073      | 1,700,099        | 3,031      | 1,811,409        | 2,952      | 1,792,097        |  |
| Admin. Supp.                        | (96)       | 12,891           | (94)       | 54,653           | (90)       | 10,302           | (83)       | 16,387           | (118)      | 62,799           | (151)      | 252,151          | (148)      | 110,007          | (71)       | 41,138           | (81)       | 33,066           | (102)      | 23,501           |  |
| Competing                           | 896        | 406,871          | 866        | 305,736          | 978        | 334,818          | 1,278      | 402,250          | 1,181      | 555,593          | 1,164      | 490,541          | 1,049      | 597,730          | 1,127      | 503,873          | 1,090      | 438,740          | 887        | 527,753          |  |
| Subtotal, RPGs                      | 3,250      | 1,182,443        | 3,337      | 1,350,979        | 3,499      | 1,448,955        | 3,969      | 1,688,317        | 4,117      | 2,041,876        | 4,141      | 2,099,502        | 4,114      | 2,176,070        | 4,200      | 2,245,110        | 4,121      | 2,283,215        | 3,839      | 2,343,351        |  |
| SBIR/STTR                           | 172        | 40,117           | 182        | 45,747           | 222        | 60,095           | 247        | 69,314           | 258        | 97,162           | 222        | 101,940          | 209        | 99,364           | 222        | 100,351          | 256        | 101,310          | 248        | 104,843          |  |
| Subtotal, RPGs                      | 3,422      | 1,222,560        | 3,519      | 1,396,726        | 3,721      | 1,509,050        | 4,216      | 1,757,631        | 4,375      | 2,139,038        | 4,363      | 2,201,442        | 4,323      | 2,275,434        | 4,422      | 2,345,461        | 4,377      | 2,384,525        | 4,087      | 2,448,194        |  |
| <b>Research Centers:</b>            |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Spec/Comp.                          | 17         | 16,578           | 23         | 20,197           | 23         | 27,439           | 33         | 62,729           | 31         | 111,084          | 34         | 132,722          | 32         | 129,954          | 33         | 130,768          | 34         | 126,211          | 35         | 118,854          |  |
| Clinical Research                   | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Biotechnology                       | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            | 0          | 1,500            |  |
| Comparative Med.                    | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 300              | 0          | 739              | 2          | 841              | 0          | 1,703            | 0          | 1,116            |  |
| RCMI                                | 0          | 2,854            | 0          | 2,929            | 0          | 3,666            | 0          | 3,199            | 0          | 2,388            | 0          | 1,626            | 0          | 1,586            | 0          | 899              | 0          | 422              | 0          | 433              |  |
| Subtotal, Centers                   | 17         | 20,932           | 23         | 24,626           | 23         | 32,605           | 33         | 67,428           | 31         | 114,972          | 34         | 134,648          | 32         | 132,279          | 35         | 132,508          | 34         | 128,336          | 35         | 120,403          |  |
| <b>Other Research:</b>              |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Research Careers                    | 241        | 26,863           | 245        | 28,885           | 272        | 32,237           | 286        | 33,914           | 314        | 37,521           | 326        | 39,903           | 319        | 39,470           | 314        | 39,073           | 299        | 37,388           | 308        | 39,587           |  |
| Cancer Ed.                          | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Coop. Cl.                           | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| BRS                                 | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 2,323            | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| MBRS                                | 0          | 1,055            | 0          | 1,202            | 0          | 1,005            | 0          | 1,051            | 0          | 1,030            | 0          | 1,052            | 0          | 1,040            | 0          | 1,030            | 0          | 1,170            | 4          | 1,365            |  |
| Other                               | 31         | 8,921            | 41         | 9,248            | 52         | 11,535           | 51         | 19,589           | 78         | 23,289           | 78         | 25,905           | 94         | 9,269            | 88         | 9,974            | 84         | 9,826            | 91         | 9,896            |  |
| Subtotal, Other                     | 272        | 36,839           | 286        | 39,335           | 324        | 44,777           | 337        | 56,877           | 392        | 61,840           | 404        | 66,860           | 413        | 49,779           | 402        | 50,077           | 383        | 48,384           | 403        | 50,848           |  |
| Total, Res. Grants                  | 3,711      | 1,280,331        | 3,828      | 1,460,687        | 4,068      | 1,586,432        | 4,586      | 1,881,936        | 4,798      | 2,315,850        | 4,801      | 2,402,950        | 4,768      | 2,457,492        | 4,859      | 2,528,046        | 4,794      | 2,561,245        | 4,526      | 2,619,445        |  |
| <b>Training:</b>                    |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Individual                          | FTIPs: 161 | 5,709            | FTIPs: 146 | 5,266            | FTIPs: 153 | 6,162            | FTIPs: 184 | 7,722            | FTIPs: 173 | 7,100            | FTIPs: 187 | 7,913            | FTIPs: 180 | 7,998            | FTIPs: 159 | 7,340            | FTIPs: 161 | 7,395            | FTIPs: 149 | 6,674            |  |
| Institutional                       | 852        | 32,035           | 923        | 37,113           | 919        | 39,474           | 1,016      | 46,345           | 1,087      | 50,550           | 1,078      | 51,136           | 1,079      | 48,128           | 1,043      | 48,300           | 1,008      | 47,523           | 1,061      | 49,857           |  |
| Total, Training                     | 1,013      | 37,744           | 1,069      | 42,379           | 1,072      | 45,636           | 1,200      | 54,067           | 1,260      | 57,650           | 1,265      | 59,049           | 1,259      | 56,126           | 1,202      | 55,640           | 1,169      | 54,918           | 1,210      | 56,531           |  |
| R & D Contracts (SBIR/STTR)         | 159        | 193,192          | 185        | 240,963          | 229        | 344,022          | 238        | 687,761          | 295        | 1,091,152        | 312        | 938,853          | 256        | 977,893          | 252        | 906,328          | 233        | 916,260          | 232        | 952,786          |  |
|                                     | (0)        | (0)              | (0)        | (0)              | (0)        | (0)              | (0)        | (0)              | (2)        | (192)            | (0)        | (213)            | (2)        | (221)            | (230)      | (232)            | (2)        | (232)            | (2)        | (172)            |  |
| Intramural Research                 |            | 203,656          |            | 227,111          |            | 283,187          |            | 453,666          |            | 489,288          |            | 527,708          |            | 540,118          |            | 542,403          |            | 528,920          |            | 540,985          |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 62,231           |            | 70,171           |            | 80,502           |            | 156,797          |            | 187,829          |            | 199,073          |            | 212,872          |            | 217,517          |            | 225,067          |            | 230,651          |  |
| Cancer Control                      |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| Construction                        |            | 0                |            | 0                |            | 0                |            | 372,562          |            | 0                |            | 148,800          |            | 29,700           |            | 14,100           |            | 0                |            | 0                |  |
| B&F                                 |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| <b>NIAID Total Obligations</b>      |            | <b>1,777,154</b> |            | <b>2,041,311</b> |            | <b>2,339,779</b> |            | <b>3,606,789</b> |            | <b>4,141,769</b> |            | <b>4,276,433</b> |            | <b>4,274,201</b> |            | <b>4,264,034</b> |            | <b>4,286,410</b> |            | <b>4,400,398</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

Note: NIAID amounts excludes value of Global AIDS transfer to U.S. Department of State.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIAID

| Mechanism <sup>1</sup>              | FY 2010 |                  | FY 2011 |                  | FY 2012 |                  | FY 2013 |                  | FY 2014 |                  | FY 2015 |                  | FY 2016 |                  | FY 2017 |                  | FY 2018 |                  | FY 2019 |                  |  |
|-------------------------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|
|                                     | No.     | Amount           |  |
| Research Proj.:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Noncompeting                        | 2,692   | 1,840,311        | 2,809   | 1,848,001        | 2,647   | 1,810,850        | 2,770   | 1,652,241        | 2,453   | 1,421,819        | 2,525   | 1,882,670        | 2,699   | 1,969,060        | 2,863   | 2,166,294        | 3,005   | 2,379,949        | 3,364   | 2,356,701        |  |
| Admin. Supp.                        | (72)    | 10,960           | (48)    | 19,092           | (77)    | 17,114           | (85)    | 74,460           | (97)    | 19,927           | (57)    | 15,129           | 100     | 21,920           | 56      | 5,072            | 72      | 24,504           | 54      | 10,181           |  |
| Competing                           | 1,170   | 507,381          | 994     | 475,996          | 1,255   | 525,810          | 1,007   | 415,414          | 1,257   | 979,422          | 1,272   | 577,371          | 1,443   | 671,035          | 1,216   | 584,150          | 1,420   | 609,008          | 1,437   | 796,828          |  |
| Subtotal, RPGs                      | 3,862   | 2,358,652        | 3,803   | 2,343,089        | 3,902   | 2,353,774        | 3,777   | 2,142,115        | 3,710   | 2,421,168        | 3,797   | 2,475,170        | 4,142   | 2,662,014        | 4,079   | 2,755,516        | 4,425   | 3,013,461        | 4,801   | 3,163,709        |  |
| SBIR/STTR                           | 232     | 106,360          | 231     | 108,135          | 241     | 112,579          | 202     | 107,616          | 235     | 122,253          | 230     | 120,915          | 244     | 131,713          | 252     | 145,257          | 265     | 140,879          | 255     | 135,260          |  |
| Subtotal, RPGs                      | 4,094   | 2,465,012        | 4,034   | 2,451,224        | 4,143   | 2,466,353        | 3,979   | 2,249,731        | 3,945   | 2,543,421        | 4,027   | 2,596,085        | 4,386   | 2,793,727        | 4,331   | 2,900,773        | 4,690   | 3,154,340        | 5,056   | 3,298,969        |  |
| Research Centers:                   |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Spec/Comp.                          | 36      | 118,078          | 36      | 123,055          | 40      | 123,773          | 39      | 114,350          | 29      | 37,396           | 31      | 35,679           | 32      | 36,996           | 25      | 39,205           | 24      | 37,615           | 26      | 63,866           |  |
| Clinical Research                   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 625              | 0       | 943              | 0       | 948              |  |
| Biotechnology                       | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Comparative Med.                    | 0       | 506              | 0       | 801              | 0       | 801              | 0       | 783              | 0       | 1,413            | 0       | 774              | 0       | 998              | 0       | 498              | 0       | 500              | 0       | 500              |  |
| RCMI                                | 0       | 439              | 0       | 439              | 0       | 439              | 0       | 413              | 0       | 426              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                   | 36      | 119,023          | 36      | 124,295          | 40      | 125,013          | 39      | 115,547          | 29      | 39,235           | 31      | 36,453           | 32      | 37,994           | 25      | 40,328           | 24      | 39,058           | 26      | 65,314           |  |
| Other Research:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Research Careers                    | 313     | 40,863           | 304     | 39,707           | 285     | 37,453           | 258     | 35,322           | 259     | 37,071           | 256     | 38,594           | 268     | 41,613           | 252     | 42,278           | 264     | 45,128           | 292     | 49,229           |  |
| Cancer Ed.                          | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Coop. Cl.                           | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 2,219            | 0       | 0                | 0       | 0                | 0       | 0                |  |
| BRS                                 | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS                                | 4       | 1,350            | 4       | 974              | 4       | 871              | 3       | 932              | 4       | 960              | 3       | 629              | 3       | 604              | 1       | 613              | 0       | 406              | 0       | 401              |  |
| Other                               | 87      | 9,416            | 98      | 10,901           | 101     | 12,639           | 97      | 12,615           | 91      | 15,282           | 103     | 21,091           | 105     | 26,116           | 112     | 25,830           | 110     | 27,704           | 104     | 29,791           |  |
| Subtotal, Other                     | 404     | 51,629           | 406     | 51,582           | 390     | 50,963           | 358     | 48,869           | 354     | 53,313           | 362     | 60,313           | 376     | 70,552           | 365     | 68,720           | 374     | 73,237           | 396     | 79,421           |  |
| Total, Res. Grants                  | 4,534   | 2,635,684        | 4,476   | 2,627,101        | 4,573   | 2,642,329        | 4,376   | 2,414,146        | 4,328   | 2,635,968        | 4,420   | 2,692,851        | 4,794   | 2,902,273        | 4,721   | 3,009,822        | 5,088   | 3,266,635        | 5,478   | 3,443,704        |  |
| Training:                           |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Individual                          | 150     | 6,635            | 131     | 6,059            | 138     | 6,602            | 150     | 7,251            | 187     | 8,522            | 206     | 9,041            | 234     | 10,709           | 211     | 9,081            | 212     | 9,423            | 246     | 11,049           |  |
| Institutional                       | 1,126   | 51,365           | 1,100   | 50,738           | 1,043   | 49,748           | 903     | 45,928           | 953     | 45,507           | 852     | 45,768           | 941     | 46,415           | 915     | 48,016           | 938     | 50,153           | 873     | 49,174           |  |
| Total, Training                     | 1,276   | 58,000           | 1,231   | 56,797           | 1,181   | 56,350           | 1,053   | 53,179           | 1,140   | 54,029           | 1,058   | 54,809           | 1,175   | 57,124           | 1,126   | 57,097           | 1,150   | 59,575           | 1,119   | 60,223           |  |
| R & D Contracts (SBIR/STTR)         | 214     | 997,375          | 208     | 977,723          | 185     | 970,522          | 222     | 995,361          | 192     | 914,867          | 187     | 854,744          | 199     | 870,998          | 224     | 897,339          | 219     | 925,025          | 232     | 985,853          |  |
|                                     | (2)     | (707)            | (0)     | (156)            | (1)     | (977)            | (7)     | (2,253)          | (4)     | (1,476)          | (12)    | (5,740)          | (14)    | (5,816)          | (18)    | (5,927)          | (19)    | (18,213)         | (38)    | (32,205)         |  |
| Intramural Research                 |         | 541,481          |         | 536,010          |         | 536,007          |         | 899              |         | 506,283          |         | 873              |         | 864              |         | 873              |         | 880              |         | 882              |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 282,906          |         | 280,964          |         | 281,262          |         | 1,078            |         | 266,125          |         | 1,079            |         | 1,079            |         | 1,086            |         | 1,055            |         | 1,039            |  |
| Cancer Control                      |         |                  |         |                  |         |                  |         | (0)              |         | (54)             |         | (0)              |         | (0)              |         | (353)            |         | (0)              |         | (195)            |  |
| Construction                        |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| B&F                                 |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| <b>NIAID Total Obligations</b>      |         | <b>4,515,426</b> |         | <b>4,478,595</b> |         | <b>4,486,470</b> |         | <b>4,235,094</b> |         | <b>4,401,185</b> |         | <b>4,417,529</b> |         | <b>4,749,884</b> |         | <b>4,905,708</b> |         | <b>5,262,397</b> |         | <b>5,567,138</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIAID

| Mechanism <sup>1</sup>         | FY 2020 <sup>2</sup> |                  | FY 2021 <sup>2</sup> |                  | FY 2022 <sup>2</sup> |                  | FY 2023 <sup>2</sup> |                  | FY 2024 <sup>2</sup> |                  |
|--------------------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|
|                                | No.                  | Amount           |
| Research Proj.:                |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Noncompeting                   | 3,441                | 2,556,855        | 3,574                | 2,247,458        | 3,671                | 2,751,320        | 3,434                | 2,754,022        | 3,597                | 2,770,973        |
| Admin. Supp.                   | (63)                 | 6,860            | (99)                 | 32,977           | (158)                | 59,493           | (181)                | 24,047           | (281)                | 88,206           |
| Competing                      | 1,660                | 804,871          | 1,582                | 1,190,014        | 1,230                | 689,132          | 1,405                | 775,425          | 1,280                | 749,940          |
| Subtotal, RPGs                 | 5,101                | 3,368,586        | 5,156                | 3,470,450        | 4,901                | 3,499,945        | 4,839                | 3,553,494        | 4,877                | 3,609,118        |
| SBIR/STTR                      | 278                  | 160,491          | 268                  | 165,230          | 251                  | 160,414          | 292                  | 180,045          | 259                  | 175,296          |
| Subtotal, RPGs                 | 5,379                | 3,529,077        | 5,424                | 3,635,680        | 5,152                | 3,660,359        | 5,131                | 3,733,539        | 5,136                | 3,784,414        |
| Research Centers:              |                      | 0                |                      |                  |                      |                  |                      |                  |                      |                  |
| Spec/Comp.                     | 26                   | 70,652           | 27                   | 78,096           | 34                   | 99,167           | 37                   | 101,181          | 34                   | 93,853           |
| Clinical Research              | 0                    | 931              | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Biotechnology                  | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Comparative Med.               | 0                    | 765              | 0                    | 743              | 0                    | 770              | 0                    | 500              | 0                    | 784              |
| RCMI                           | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Subtotal, Centers              | 26                   | 72,348           | 27                   | 78,838           | 34                   | 99,938           | 37                   | 101,681          | 34                   | 94,638           |
| Other Research:                |                      | 0                |                      |                  |                      |                  |                      |                  |                      |                  |
| Research Careers               | 302                  | 51,134           | 317                  | 53,881           | 327                  | 54,876           | 292                  | 49,801           | 310                  | 52,554           |
| Cancer Ed.                     | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| Coop. Cl.                      | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| BRS                            | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                | 0                    | 0                |
| MBRS                           | 0                    | 390              | 0                    | 232              | 0                    | 0                | 0                    | 232              | 0                    | 232              |
| Other                          | 87                   | 34,440           | 102                  | 80,136           | 111                  | 78,677           | 123                  | 51,507           | 144                  | 68,037           |
| Subtotal, Other                | 389                  | 85,965           | 419                  | 134,250          | 438                  | 133,553          | 415                  | 101,540          | 454                  | 120,823          |
| Total, Res. Grants             | 5,794                | 3,687,390        | 5,870                | 3,848,767        | 5,624                | 3,893,849        | 5,583                | 3,936,760        | 5,624                | 4,000,875        |
| Training:                      |                      |                  |                      |                  |                      |                  |                      |                  |                      |                  |
| Individual                     | FTIPs 252            | 11,748           | ETIPs 272            | 12,665           | ETIPs 261            | 12,225           | FTIPs 260            | 12,251           | ETIPs 389            | 19,268           |
| Institutional                  | 902                  | 51,723           | 904                  | 52,458           | 954                  | 57,404           | 915                  | 56,383           | 842                  | 53,670           |
| Total, Training                | 1,154                | 63,471           | 1,176                | 65,123           | 1,215                | 69,629           | 1,175                | 68,634           | 1,231                | 72,937           |
| R & D Contracts                | 198                  | 996,908          | 226                  | 965,741          | 227                  | 1,134,316        | 224                  | 1,282,397        | 262                  | 1,184,454        |
| (SBIR/STTR)                    | (24)                 | (19,691)         | (34)                 | (19,639)         | (28)                 | (31,185)         | (25)                 | (20,053)         | (35)                 | (25,613)         |
|                                |                      | 0                |                      | 0                |                      | 0                |                      | 0                |                      | 0                |
| Intramural Research            | 911                  | 760,016          | 948                  | 782,679          | 954                  | 821,744          | 947                  | 856,326          | 959                  | 873,794          |
| Res. Mgmt and Support          | 1,058                | 372,299          | 1,130                | 387,105          | 1,145                | 402,566          | 1,162                | 418,570          | 1,175                | 429,830          |
| (SBIR Admin.)                  | (0)                  | (907)            | (0)                  | (806)            | (0)                  | (1,137)          | (0)                  | (1,476)          | (0)                  | (3,145)          |
| Cancer Control                 |                      | 0                |                      | 0                |                      | 0                |                      | 0                |                      | 0                |
| Construction                   |                      | 0                |                      | 0                |                      | 0                |                      | 0                |                      | 0                |
| B&F                            |                      | 0                |                      | 0                |                      | 0                |                      | 0                |                      | 0                |
| <b>NIAID Total Obligations</b> |                      | <b>5,880,884</b> |                      | <b>6,049,416</b> |                      | <b>6,322,105</b> |                      | <b>6,562,687</b> |                      | <b>6,561,891</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> FY 2020 thru FY 2024 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2024 from these multi-year accounts.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIGMS

| Mechanism <sup>1</sup>              | FY 2000    |                  | FY 2001    |                  | FY 2002    |                  | FY 2003    |                  | FY 2004    |                  | FY 2005    |                  | FY 2006    |                  | FY 2007    |                  | FY 2008    |                  | FY 2009    |                  |  |
|-------------------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|
|                                     | No.        | Amount           |  |
| Research Proj.:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Noncompeting                        | 2,717      | 698,713          | 2,898      | 796,559          | 2,985      | 873,492          | 2,900      | 878,669          | 3,000      | 973,045          | 3,002      | 1,005,076        | 2,941      | 1,008,784        | 2,800      | 926,762          | 2,930      | 979,174          | 2,925      | 1,029,167        |  |
| Admin. Supp.                        | (147)      | 7,633            | (266)      | 14,530           | (242)      | 14,566           | (277)      | 18,192           | (309)      | 20,627           | (245)      | 15,360           | (257)      | 15,248           | (292)      | 18,938           | (205)      | 12,314           | (201)      | 14,679           |  |
| Competing                           | 1,023      | 287,679          | 972        | 283,086          | 1,033      | 314,945          | 1,106      | 355,039          | 975        | 315,043          | 963        | 313,246          | 944        | 296,508          | 1,116      | 375,066          | 937        | 329,936          | 866        | 308,939          |  |
| Subtotal, RPGs                      | 3,740      | 994,025          | 3,870      | 1,094,175        | 4,018      | 1,203,003        | 4,006      | 1,251,900        | 3,975      | 1,308,715        | 3,965      | 1,333,682        | 3,885      | 1,320,540        | 3,916      | 1,320,766        | 3,867      | 1,321,424        | 3,791      | 1,352,785        |  |
| SBIR/STTR                           | 134        | 29,804           | 148        | 34,477           | 146        | 38,213           | 137        | 40,943           | 149        | 44,488           | 160        | 45,454           | 169        | 45,370           | 155        | 46,477           | 160        | 45,814           | 148        | 48,390           |  |
| Subtotal, RPGs                      | 3,874      | 1,023,829        | 4,018      | 1,128,652        | 4,164      | 1,241,216        | 4,143      | 1,292,843        | 4,124      | 1,353,203        | 4,125      | 1,379,136        | 4,054      | 1,365,910        | 4,071      | 1,367,243        | 4,027      | 1,367,238        | 3,939      | 1,401,175        |  |
| Research Centers:                   |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Spec/Comp.                          | 17         | 47,311           | 26         | 88,835           | 35         | 114,773          | 47         | 140,595          | 55         | 173,037          | 54         | 160,422          | 57         | 158,381          | 52         | 165,131          | 52         | 166,002          | 49         | 173,899          |  |
| Clinical Research                   | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Biotechnology                       | 0          | 0                | 0          | 0                | 0          | 17,569           | 0          | 17,057           | 0          | 2,058            | 0          | 2,058            | 0          | 2,320            | 0          | 753              | 0          | 460              | 0          | 274              |  |
| Comparative Med.                    | 0          | 0                | 0          | 0                | 0          | 15               | 0          | 807              | 0          | 432              | 0          | 431              | 0          | 418              | 0          | 100              | 0          | 292              | 0          | 300              |  |
| RCMI                                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Subtotal, Centers                   | 17         | 47,311           | 26         | 88,835           | 35         | 132,357          | 47         | 158,459          | 55         | 175,527          | 54         | 162,911          | 57         | 161,119          | 52         | 165,984          | 52         | 166,754          | 48         | 174,473          |  |
| Other Research:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Research Careers                    | 25         | 4,274            | 30         | 6,278            | 38         | 8,887            | 42         | 9,651            | 61         | 12,125           | 52         | 12,951           | 56         | 12,809           | 79         | 15,661           | 96         | 18,702           | 89         | 19,273           |  |
| Cancer Ed.                          | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Coop. Cl.                           | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| BRS                                 | 0          | 0                | 0          | 0                | 0          | 2,000            | 0          | 2,000            | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| MBRS                                | 127        | 71,405           | 146        | 81,444           | 150        | 91,787           | 154        | 99,130           | 154        | 102,104          | 143        | 102,104          | 145        | 100,981          | 154        | 100,476          | 252        | 99,468           | 319        | 99,404           |  |
| Other                               | 42         | 11,993           | 54         | 16,063           | 69         | 17,977           | 80         | 21,463           | 118        | 20,429           | 128        | 22,213           | 119        | 19,184           | 125        | 19,908           | 115        | 20,871           | 106        | 20,497           |  |
| Subtotal, Other                     | 194        | 87,672           | 230        | 103,785          | 257        | 120,651          | 276        | 130,244          | 333        | 134,658          | 323        | 137,268          | 320        | 132,974          | 358        | 136,045          | 463        | 139,041          | 514        | 139,174          |  |
| Total, Res. Grants                  | 4,085      | 1,158,812        | 4,274      | 1,321,272        | 4,456      | 1,494,224        | 4,466      | 1,581,546        | 4,512      | 1,663,388        | 4,502      | 1,679,315        | 4,431      | 1,660,003        | 4,481      | 1,669,272        | 4,542      | 1,673,033        | 4,502      | 1,714,822        |  |
| Training:                           |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Individual                          | FTIPs: 543 | 17,759           | FTIPs: 528 | 18,393           | FTIPs: 510 | 19,382           | FTIPs: 552 | 21,243           | FTIPs: 594 | 24,040           | FTIPs: 607 | 25,014           | FTIPs: 586 | 24,554           | FTIPs: 570 | 24,133           | FTIPs: 540 | 22,732           | FTIPs: 495 | 21,329           |  |
| Institutional                       | 3,879      | 125,339          | 3,920      | 134,705          | 3,944      | 147,035          | 3,960      | 157,418          | 3,936      | 161,787          | 3,884      | 160,802          | 3,811      | 160,505          | 3,820      | 164,473          | 3,763      | 169,241          | 3,826      | 175,226          |  |
| Total, Training                     | 4,422      | 143,098          | 4,448      | 153,098          | 4,454      | 166,417          | 4,512      | 178,661          | 4,530      | 185,827          | 4,491      | 185,816          | 4,397      | 185,059          | 4,390      | 188,606          | 4,303      | 191,973          | 4,321      | 196,555          |  |
| R & D Contracts (SBIR/STTR)         | 17         | 33,450           | 17         | 24,534           | 20         | 24,531           | 18         | 45,650           | 26         | 23,602           | 28         | 23,569           | 27         | 22,170           | 24         | 22,006           | 20         | 22,188           | 29         | 24,642           |  |
|                                     | (0)        | (0)              | (0)        | (0)              | (0)        | (0)              | (0)        | (0)              | (0)        | (88)             | (0)        | (102)            | (0)        | (106)            | (0)        | (106)            | (0)        | (106)            | (0)        | (79)             |  |
| Intramural Research                 |            | 1,889            |            | 1,621            |            | 1,665            |            | 1,826            |            | 2,698            |            | 2,489            |            | 2,494            |            | 2,435            |            | 2,474            |            | 2,548            |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 29,745           |            | 34,531           |            | 36,053           |            | 39,234           |            | 39,615           |            | 40,501           |            | 47,201           |            | 50,162           |            | 53,115           |            | 55,859           |  |
| Cancer Control                      |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| Construction                        |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| B&F                                 |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| <b>NIGMS Total Obligations</b>      |            | <b>1,366,994</b> |            | <b>1,535,056</b> |            | <b>1,722,890</b> |            | <b>1,846,917</b> |            | <b>1,915,130</b> |            | <b>1,931,690</b> |            | <b>1,916,927</b> |            | <b>1,932,481</b> |            | <b>1,942,783</b> |            | <b>1,994,426</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIGMS

| Mechanism <sup>1</sup>              | FY 2010       |                  | FY 2011       |                  | FY 2012       |                  | FY 2013       |                  | FY 2014       |                  | FY 2015       |                  | FY 2016       |                  | FY 2017       |                  | FY 2018       |                  | FY 2019       |                  |  |
|-------------------------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|--|
|                                     | No.           | Amount           |  |
| Research Proj.:                     |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |  |
| Noncompeting                        | 2,873         | 1,034,101        | 2,739         | 1,012,936        | 2,785         | 1,039,057        | 2,807         | 1,025,892        | 2,731         | 1,021,946        | 2,680         | 999,741          | 2,657         | 988,080          | 2,867         | 1,124,320        | 3,098         | 1,229,467        | 3,138         | 1,235,390        |  |
| Admin. Supp.                        | (173)         | 13,678           | (166)         | 12,898           | (185)         | 13,197           | (123)         | 8,702            | (224)         | 14,641           | (311)         | 27,361           | (410)         | 36,848           | (664)         | 12,809           | (64)          | 64,455           | (532)         | 54,339           |  |
| Competing                           | 891           | 336,229          | 934           | 342,918          | 968           | 349,993          | 826           | 296,807          | 957           | 355,266          | 1,074         | 404,894          | 1,159         | 476,882          | 1,155         | 463,343          | 1,118         | 432,736          | 1,192         | 488,216          |  |
| Subtotal, RPGs                      | 3,764         | 1,384,008        | 3,673         | 1,368,752        | 3,753         | 1,402,247        | 3,633         | 1,331,401        | 3,688         | 1,391,853        | 3,754         | 1,431,997        | 3,816         | 1,501,809        | 4,022         | 1,600,471        | 4,216         | 1,726,658        | 4,330         | 1,777,944        |  |
| SBIR/STTR                           | 140           | 48,839           | 117           | 48,208           | 168           | 62,409           | 150           | 58,497           | 181           | 64,602           | 161           | 65,028           | 175           | 75,123           | 179           | 84,036           | 195           | 89,848           | 206           | 93,033           |  |
| Subtotal, RPGs                      | 3,904         | 1,432,847        | 3,790         | 1,416,960        | 3,921         | 1,464,656        | 3,783         | 1,389,898        | 3,869         | 1,456,455        | 3,915         | 1,497,024        | 3,991         | 1,576,932        | 4,201         | 1,684,507        | 4,411         | 1,816,506        | 4,536         | 1,870,977        |  |
| <b>Research Centers:</b>            |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |  |
| Spec/Comp.                          | 50            | 167,903          | 45            | 162,841          | 159           | 426,909          | 164           | 387,298          | 173           | 390,206          | 160           | 349,452          | 173           | 385,956          | 166           | 391,284          | 160           | 388,563          | 146           | 369,491          |  |
| Clinical Research                   | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                |               |                  |  |
| Biotechnology                       | 0             | 1,000            | 0             | 1,000            | 33            | 62,024           | 33            | 59,231           | 34            | 59,231           | 35            | 61,141           | 36            | 65,982           | 38            | 68,423           | 34            | 64,193           | 31            | 50,945           |  |
| Comparative Med.                    | 0             | 309              | 0             | 315              | 0             | 392              | 0             | 322              | 0             | 528              | 1             | 3,293            | 1             | 3,308            | 1             | 3,313            | 1             | 3,312            | 1             | 3,318            |  |
| RCMI                                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                |               |                  |  |
| Subtotal, Centers                   | 50            | 169,212          | 45            | 164,156          | 192           | 489,325          | 197           | 446,852          | 207           | 449,964          | 196           | 413,887          | 210           | 455,246          | 205           | 463,019          | 195           | 456,067          | 178           | 423,754          |  |
| <b>Other Research:</b>              |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |               |                  |  |
| Research Careers                    | 98            | 21,436           | 92            | 21,785           | 92            | 23,359           | 92            | 23,359           | 87            | 23,359           | 91            | 23,898           | 96            | 25,245           | 93            | 25,570           | 105           | 28,145           | 102           | 29,573           |  |
| Cancer Ed.                          | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                |               |                  |  |
| Coop. Cl.                           | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                |               |                  |  |
| BRS                                 | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                |               |                  |  |
| MBRS                                | 353           | 100,878          | 349           | 100,165          | 329           | 104,567          | 295           | 97,727           | 274           | 97,727           | 270           | 98,050           | 265           | 100,521          | 278           | 98,788           | 282           | 97,183           | 285           | 96,741           |  |
| Other                               | 133           | 34,209           | 144           | 33,938           | 141           | 39,681           | 159           | 40,560           | 149           | 39,183           | 148           | 40,972           | 155           | 54,381           | 217           | 68,446           | 214           | 63,948           | 212           | 85,106           |  |
| Subtotal, Other                     | 584           | 156,523          | 585           | 155,888          | 562           | 167,607          | 546           | 161,646          | 510           | 160,269          | 509           | 162,920          | 516           | 180,148          | 588           | 192,805          | 601           | 197,142          | 599           | 217,716          |  |
| <b>Total, Res. Grants</b>           | <b>4,538</b>  | <b>1,758,582</b> | <b>4,420</b>  | <b>1,737,004</b> | <b>4,675</b>  | <b>2,121,588</b> | <b>4,526</b>  | <b>1,998,395</b> | <b>4,586</b>  | <b>2,066,688</b> | <b>4,620</b>  | <b>2,073,831</b> | <b>4,717</b>  | <b>2,212,326</b> | <b>4,994</b>  | <b>2,340,331</b> | <b>5,207</b>  | <b>2,469,715</b> | <b>5,313</b>  | <b>2,512,446</b> |  |
| <b>Training:</b>                    | <b>FTIPs:</b> |                  |  |
| Individual                          | 456           | 20,388           | 422           | 19,483           | 415           | 19,380           | 379           | 18,302           | 347           | 19,317           | 368           | 17,753           | 381           | 18,928           | 455           | 21,833           | 341           | 17,784           | 302           | 16,800           |  |
| Institutional                       | 3,885         | 177,169          | 3,888         | 179,250          | 3,905         | 181,301          | 3,735         | 172,220          | 3,661         | 176,188          | 3,731         | 175,616          | 3,825         | 180,057          | 3,723         | 179,777          | 3,901         | 187,948          | 3,930         | 188,991          |  |
| Total, Training                     | 4,341         | 197,557          | 4,310         | 198,733          | 4,320         | 200,681          | 4,114         | 190,522          | 4,008         | 195,505          | 4,099         | 193,368          | 4,206         | 198,985          | 4,178         | 201,610          | 4,242         | 205,731          | 4,232         | 205,791          |  |
| R & D Contracts (SBIR/STTR)         | 27            | 30,349           | 30            | 35,332           | 27            | 37,542           | 29            | 37,014           | 24            | 34,418           | 26            | 35,099           | 21            | 26,570           | 27            | 28,683           | 23            | 26,737           | 21            | 22,289           |  |
| Intramural Research                 | (0)           | (96)             | (0)           | (72)             | (0)           | (132)            | (0)           | (2,397)          | (0)           | (1,327)          | (0)           | (3,532)          | (0)           | (612)            | (0)           | (1,618)          | (0)           | (180)            |               |                  |  |
| Res. Mgmt and Support (SBIR Admin.) |               | 2,809            |               | 2,774            |               | 2,866            | 9             | 3,549            | 9             | 4,180            | 5             | 3,375            | 0             | 3,743            | 0             | 3,672            | 0             | 3,588            |               |                  |  |
| Cancer Control                      |               | 58,815           |               | 59,820           |               | 64,901           | 174           | 63,563           | 176           | 65,638           | 176           | 66,525           | 0             | 67,244           | 182           | 71,773           | 173           | 75,184           | 172           | 77,301           |  |
| Construction                        |               | 0                |               | 0                |               | 0                | (0)           | (0)              | (0)           | (11)             | (0)           | (0)              | (0)           | (0)              | (0)           | (4)              | (0)           | (0)              |               |                  |  |
| B&F                                 |               | 0                |               | 0                |               | 0                |               | 0                |               | 0                |               | 0                |               | 0                |               | 0                |               | 0                |               |                  |  |
| <b>NIGMS Total Obligations</b>      |               | <b>2,048,112</b> |               | <b>2,033,663</b> |               | <b>2,427,578</b> |               | <b>2,293,044</b> |               | <b>2,366,429</b> |               | <b>2,372,199</b> |               | <b>2,508,868</b> |               | <b>2,646,069</b> |               | <b>2,780,954</b> |               | <b>2,821,806</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIGMS

| Mechanism <sup>1</sup>              | FY 2020   |                  | FY 2021   |                  | FY 2022   |                  | FY 2023   |                  | FY 2024   |                  |
|-------------------------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
|                                     | No.       | Amount           |
| Research Proj.:                     |           |                  |           |                  |           |                  |           |                  |           |                  |
| Noncompeting                        | 3,316     | 1,325,189        | 3,245     | 1,299,424        | 3,381     | 1,388,632        | 3,539     | 1,463,052        | 3,626     | 1,515,894        |
| Admin. Supp.                        | (589)     | 54,032           | (724)     | 60,930           | (726)     | 67,366           | (1,280)   | 119,700          | (1,017)   | 107,247          |
| Competing                           | 1,161     | 474,288          | 1,185     | 510,888          | 1,207     | 493,738          | 1,150     | 481,763          | 1,038     | 441,850          |
| Subtotal, RPGs                      | 4,477     | 1,853,509        | 4,430     | 1,871,242        | 4,588     | 1,949,736        | 4,689     | 2,064,515        | 4,664     | 2,064,991        |
| SBIR/STTR                           | 181       | 98,034           | 191       | 99,069           | 163       | 100,424          | 168       | 106,622          | 154       | 104,579          |
| Subtotal, RPGs                      | 4,658     | 1,951,543        | 4,621     | 1,970,311        | 4,751     | 2,050,160        | 4,857     | 2,171,136        | 4,818     | 2,169,570        |
| Research Centers:                   |           |                  |           |                  |           |                  |           |                  |           |                  |
| Spec/Comp.                          | 155       | 400,999          | 159       | 424,032          | 164       | 435,207          | 164       | 447,879          | 172       | 449,346          |
| Clinical Research                   | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Biotechnology                       | 24        | 40,875           | 22        | 36,871           | 13        | 22,486           | 11        | 19,134           | 9         | 15,736           |
| Comparative Med.                    | 1         | 2,518            | 1         | 2,518            | 1         | 2,343            | 1         | 2,109            | 1         | 2,140            |
| RCMI                                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Subtotal, Centers                   | 180       | 444,392          | 182       | 463,421          | 178       | 460,037          | 176       | 469,121          | 182       | 467,223          |
| Other Research:                     |           |                  |           |                  |           |                  |           |                  |           |                  |
| Research Careers                    | 107       | 31,111           | 130       | 34,020           | 137       | 32,925           | 137       | 34,770           | 130       | 35,711           |
| Cancer Ed.                          | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Coop. Cl.                           | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| BRS                                 | 0         | 9,541            | 0         | 11,719           | 0         | 20,284           | 0         | 25,558           | 18        | 21,432           |
| MBRS                                | 286       | 94,966           | 282       | 87,049           | 228       | 66,862           | 154       | 44,771           | 83        | 23,348           |
| Other                               | 219       | 88,101           | 217       | 80,372           | 233       | 91,014           | 226       | 112,063          | 229       | 123,671          |
| Subtotal, Other                     | 612       | 223,718          | 629       | 213,159          | 598       | 211,086          | 517       | 217,162          | 460       | 204,162          |
| Total, Res. Grants                  | 5,450     | 2,619,653        | 5,432     | 2,646,891        | 5,527     | 2,721,283        | 5,550     | 2,857,419        | 5,460     | 2,840,955        |
| Training:                           |           |                  |           |                  |           |                  |           |                  |           |                  |
| Individual                          | FTIPs 314 | 17,201           | ETIPs 341 | 19,100           | ETIPs 301 | 16,914           | ETIPs 257 | 15,158           | ETIPs 241 | 14,393           |
| Institutional                       | 4,026     | 198,287          | 4,298     | 214,858          | 4,604     | 242,031          | 4,976     | 255,255          | 5,175     | 267,768          |
| Total, Training                     | 4,340     | 215,488          | 4,639     | 233,958          | 4,905     | 258,945          | 5,233     | 270,413          | 5,416     | 282,161          |
| R & D Contracts (SBIR/STTR)         | 20        | 20,272           | 19        | 21,888           | 21        | 28,381           | 17        | 23,530           | 26        | 28,482           |
|                                     | (0)       | (997)            | (0)       | (1,009)          | (0)       | (1,033)          | (0)       | (1,162)          | (0)       | (1,913)          |
|                                     | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Intramural Research                 | 0         | 3,800            | 0         | 3,519            | 0         | 3,721            | 0         | 3,863            | 0         | 3,855            |
| Res. Mgmt and Support (SBIR Admin.) | 171       | 77,929           | 180       | 79,932           | 185       | 79,979           | 189       | 84,439           | 197       | 89,191           |
| Cancer Control                      | (0)       | (0)              | (0)       | (0)              | (0)       | (0)              | (0)       | (7)              | (0)       | (20)             |
| Construction                        | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| B&F                                 | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| <b>NIGMS Total Obligations</b>      |           | <b>2,937,142</b> |           | <b>2,986,188</b> |           | <b>3,092,310</b> |           | <b>3,239,664</b> |           | <b>3,244,644</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NINDS

| Mechanism <sup>1</sup>              | FY 2000 |                  | FY 2001 |                  | FY 2002 |                  | FY 2003 |                  | FY 2004 |                  | FY 2005 |                  | FY 2006 |                  | FY 2007 |                  | FY 2008 |                  | FY 2009 |                  |  |
|-------------------------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|
|                                     | No.     | Amount           |  |
| Research Proj.:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Noncompeting                        | 1,655   | 481,328          | 1,841   | 583,072          | 1,989   | 699,580          | 1,991   | 730,854          | 2,029   | 766,820          | 1,997   | 790,297          | 2,085   | 808,246          | 2,050   | 796,537          | 1,896   | 757,777          | 1,857   | 779,576          |  |
| Admin. Supp.                        | (445)   | 20,470           | (234)   | 13,721           | (160)   | 7,233            | (182)   | 8,688            | (159)   | 12,902           | (148)   | 7,341            | (92)    | 5,447            | (104)   | 6,485            | (121)   | 6,879            | (266)   | 16,890           |  |
| Competing                           | 699     | 237,265          | 666     | 252,126          | 674     | 240,198          | 734     | 283,710          | 774     | 265,422          | 700     | 273,215          | 655     | 214,104          | 648     | 228,934          | 698     | 270,318          | 641     | 260,441          |  |
| Subtotal, RPGs                      | 2,354   | 739,063          | 2,507   | 848,919          | 2,663   | 947,011          | 2,725   | 1,023,252        | 2,803   | 1,045,144        | 2,697   | 1,070,853        | 2,740   | 1,027,797        | 2,698   | 1,031,956        | 2,594   | 1,034,974        | 2,498   | 1,056,907        |  |
| SBIR/STTR                           | 88      | 20,585           | 90      | 23,714           | 107     | 28,900           | 124     | 32,623           | 128     | 35,902           | 109     | 37,157           | 103     | 37,017           | 99      | 37,675           | 111     | 37,741           | 97      | 39,098           |  |
| Subtotal, RPGs                      | 2,442   | 759,648          | 2,597   | 872,633          | 2,770   | 975,911          | 2,849   | 1,055,875        | 2,931   | 1,081,046        | 2,806   | 1,108,010        | 2,843   | 1,064,814        | 2,797   | 1,069,631        | 2,705   | 1,072,715        | 2,595   | 1,096,005        |  |
| Research Centers:                   |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Spec/Comp.                          | 47      | 51,966           | 47      | 56,232           | 49      | 59,251           | 61      | 69,903           | 61      | 73,269           | 61      | 74,546           | 68      | 87,684           | 69      | 87,552           | 79      | 96,451           | 78      | 93,679           |  |
| Clinical Research                   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Biotechnology                       | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Comparative Med.                    | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 405              | 0       | 0                | 0       | 0                | 0       | 473              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| RCMI                                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                   | 47      | 51,966           | 47      | 56,232           | 49      | 59,251           | 61      | 70,308           | 61      | 73,269           | 61      | 74,546           | 68      | 88,157           | 69      | 87,552           | 79      | 96,501           | 78      | 93,679           |  |
| Other Research:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Research Careers                    | 184     | 21,434           | 180     | 23,043           | 191     | 27,599           | 214     | 32,013           | 242     | 37,358           | 271     | 43,345           | 289     | 47,460           | 296     | 47,889           | 304     | 49,442           | 278     | 44,413           |  |
| Cancer Ed.                          | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Coop. Cl.                           | 0       | 3,287            | 2       | 2,786            | 42      | 7,095            | 42      | 7,190            | 7       | 2,082            | 26      | 2,337            | 48      | 1,824            | 63      | 5,951            | 61      | 7,831            | 61      | 9,119            |  |
| BRS                                 | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 982              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS                                | 6       | 1,677            | 5       | 1,454            | 6       | 1,720            | 6       | 1,799            | 6       | 1,885            | 5       | 1,576            | 5       | 1,583            | 4       | 1,189            | 3       | 871              | 1       | 245              |  |
| Other                               | 25      | 7,311            | 34      | 7,758            | 40      | 11,960           | 42      | 9,519            | 56      | 12,331           | 62      | 15,305           | 55      | 13,369           | 66      | 15,202           | 62      | 12,206           | 75      | 12,756           |  |
| Subtotal, Other                     | 215     | 33,709           | 221     | 35,041           | 279     | 48,374           | 304     | 51,503           | 311     | 53,656           | 364     | 62,563           | 397     | 64,236           | 429     | 70,231           | 430     | 70,350           | 415     | 66,533           |  |
| Total, Res. Grants                  | 2,704   | 845,323          | 2,865   | 963,906          | 3,098   | 1,083,536        | 3,214   | 1,177,686        | 3,303   | 1,207,971        | 3,231   | 1,245,119        | 3,308   | 1,217,207        | 3,295   | 1,227,414        | 3,214   | 1,239,566        | 3,088   | 1,256,217        |  |
| Training:                           |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Individual                          | 240     | 8,619            | 230     | 8,566            | 296     | 11,097           | 312     | 11,772           | 365     | 13,653           | 376     | 14,250           | 404     | 15,345           | 411     | 15,390           | 416     | 15,333           | 425     | 15,853           |  |
| Institutional                       | 302     | 13,936           | 382     | 15,985           | 408     | 15,416           | 406     | 17,134           | 404     | 16,403           | 381     | 18,658           | 333     | 12,690           | 346     | 17,050           | 350     | 16,708           | 368     | 16,811           |  |
| Total, Training                     | 542     | 22,555           | 612     | 24,551           | 704     | 26,513           | 718     | 28,906           | 769     | 30,056           | 757     | 32,908           | 737     | 28,035           | 757     | 32,440           | 766     | 32,041           | 793     | 32,664           |  |
| R & D Contracts (SBIR/STTR)         | 52      | 32,005           | 52      | 42,433           | 42      | 50,895           | 146     | 70,708           | 151     | 79,579           | 146     | 71,075           | 108     | 81,013           | 85      | 78,666           | 97      | 79,700           | 101     | 92,697           |  |
|                                     | (12)    | (3,000)          | (12)    | (3,687)          | (10)    | (2,800)          | (2)     | (688)            | (1)     | (554)            | (1)     | (83)             | (2)     | (83)             | (0)     | (69)             | (1)     | (87)             | (1)     | (65)             |  |
| Intramural Research                 |         | 98,804           |         | 110,624          |         | 125,579          |         | 136,533          |         | 137,551          |         | 134,570          |         | 142,643          |         | 142,230          |         | 144,976          |         | 153,713          |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 29,517           |         | 34,077           |         | 38,670           |         | 42,593           |         | 43,046           |         | 45,982           |         | 51,073           |         | 52,227           |         | 53,260           |         | 55,490           |  |
| Cancer Control                      |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| Construction                        |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| B&F                                 |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| <b>NINDS Total Obligations</b>      |         | <b>1,028,204</b> |         | <b>1,175,591</b> |         | <b>1,325,193</b> |         | <b>1,456,426</b> |         | <b>1,498,203</b> |         | <b>1,529,654</b> |         | <b>1,519,971</b> |         | <b>1,532,977</b> |         | <b>1,549,543</b> |         | <b>1,590,781</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NINDS

| Mechanism <sup>1</sup>              | FY 2010 |                  | FY 2011 |                  | FY 2012 |                  | FY 2013 |                  | FY 2014 |                  | FY 2015 |                  | FY 2016 |                  | FY 2017 |                  | FY 2018 |                  | FY 2019 |                  |  |  |
|-------------------------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|--|
|                                     | No.     | Amount           |  |  |
| Research Proj.:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |  |
| Noncompeting                        | 1,865   | 801,660          | 1,903   | 787,264          | 1,941   | 815,682          | 1,928   | 742,140          | 1,878   | 766,564          | 1,884   | 769,056          | 1,969   | 832,885          | 2,039   | 872,348          | 2,016   | 894,964          | 2,217   | 995,393          |  |  |
| Admin. Supp.                        | (209)   | 24,149           | (83)    | 24,218           | (109)   | 10,389           | (82)    | 11,866           | (93)    | 8,074            | (92)    | 5,240            | (113)   | 11,305           | (84)    | 4,818            | (147)   | 16,531           | ((105)) | 12,739           |  |  |
| Competing                           | 699     | 283,271          | 749     | 293,968          | 699     | 284,032          | 702     | 267,555          | 749     | 297,140          | 819     | 310,869          | 842     | 321,896          | 745     | 355,036          | 975     | 455,799          | 896     | 651,739          |  |  |
| Subtotal, RPGs                      | 2,564   | 1,109,080        | 2,652   | 1,105,450        | 2,640   | 1,090,103        | 2,630   | 1,021,561        | 2,627   | 1,071,778        | 2,703   | 1,085,165        | 2,811   | 1,166,086        | 2,784   | 1,232,202        | 2,991   | 1,367,294        | 3,113   | 1,658,871        |  |  |
| SBIR/STTR                           | 97      | 40,126           | 96      | 39,581           | 90      | 41,723           | 77      | 39,756           | 93      | 43,687           | 94      | 45,221           | 86      | 50,452           | 79      | 55,436           | 113     | 63,058           | 146     | 80,236           |  |  |
| Subtotal, RPGs                      | 2,661   | 1,149,206        | 2,748   | 1,145,031        | 2,730   | 1,131,826        | 2,707   | 1,061,317        | 2,720   | 1,115,465        | 2,797   | 1,130,386        | 2,897   | 1,216,538        | 2,863   | 1,287,638        | 3,104   | 1,430,352        | 3,259   | 1,740,107        |  |  |
| Research Centers:                   |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |  |
| Spec/Comp.                          | 70      | 96,537           | 67      | 75,327           | 81      | 88,371           | 68      | 71,211           | 64      | 61,273           | 53      | 54,193           | 47      | 47,288           | 45      | 46,417           | 40      | 44,966           | 36      | 39,575           |  |  |
| Clinical Research                   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |  |
| Biotechnology                       | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |  |
| Comparative Med.                    | 0       | 799              | 0       | 1,400            | 0       | 1,565            | 0       | 660              | 0       | 684              | 0       | 588              | 0       | 0                | 0       | 98               | 0       | 100              | 0       | 100              |  |  |
| RCMI                                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |  |
| Subtotal, Centers                   | 70      | 97,336           | 67      | 76,727           | 81      | 89,936           | 68      | 71,871           | 64      | 61,957           | 53      | 54,781           | 47      | 47,288           | 45      | 46,515           | 40      | 45,096           | 36      | 39,675           |  |  |
| Other Research:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |  |
| Research Careers                    | 231     | 36,662           | 221     | 36,155           | 213     | 35,957           | 205     | 35,831           | 205     | 34,525           | 205     | 34,704           | 165     | 32,418           | 195     | 38,793           | 206     | 36,907           | 226     | 42,015           |  |  |
| Cancer Ed.                          | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |  |
| Coop. Cl.                           | 63      | 9,929            | 79      | 15,662           | 78      | 15,880           | 112     | 24,893           | 83      | 21,996           | 67      | 17,635           | 67      | 21,936           | 50      | 17,130           | 0       | 0                | 1       | 8,187            |  |  |
| BRS                                 | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 50               | 0       | 0                |  |  |
| MBRS                                | 1       | 245              | 1       | 245              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 1       | 164              | 1       | 164              | 1       | 164              |  |  |
| Other                               | 81      | 10,381           | 89      | 13,979           | 103     | 17,654           | 104     | 15,937           | 113     | 22,057           | 132     | 30,541           | 140     | 29,038           | 144     | 32,522           | 210     | 48,846           | 241     | 158,047          |  |  |
| Subtotal, Other                     | 376     | 57,217           | 390     | 66,041           | 394     | 69,491           | 421     | 76,661           | 401     | 78,578           | 404     | 82,880           | 372     | 83,392           | 390     | 88,609           | 417     | 85,967           | 469     | 208,412          |  |  |
| Total, Res. Grants                  | 3,107   | 1,303,759        | 3,205   | 1,287,799        | 3,205   | 1,291,253        | 3,196   | 1,209,849        | 3,185   | 1,255,998        | 3,254   | 1,268,047        | 3,316   | 1,347,218        | 3,298   | 1,422,761        | 3,561   | 1,561,416        | 3,764   | 1,988,194        |  |  |
| Training:                           |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |  |
| Individual                          | 404     | 15,222           | 446     | 17,480           | 412     | 16,383           | 413     | 16,539           | 383     | 15,605           | 340     | 14,176           | 317     | 13,391           | 412     | 18,029           | 380     | 17,421           | 374     | 16,633           |  |  |
| Institutional                       | 355     | 15,648           | 337     | 15,681           | 330     | 15,157           | 338     | 14,750           | 324     | 15,832           | 299     | 14,005           | 293     | 14,546           | 273     | 14,345           | 285     | 14,502           | 283     | 15,275           |  |  |
| Total, Training                     | 759     | 30,870           | 783     | 33,161           | 742     | 31,540           | 751     | 31,289           | 707     | 31,437           | 639     | 28,182           | 610     | 27,937           | 685     | 32,374           | 665     | 31,923           | 657     | 31,908           |  |  |
| R & D Contracts (SBIR/STTR)         | 34      | 83,936           | 102     | 85,253           | 107     | 86,247           | 105     | 82,500           | 97      | 84,963           | 57      | 84,987           | 101     | 80,750           | 90      | 77,040           | 97      | 95,910           | 111     | 116,546          |  |  |
|                                     | (1)     | (79)             | (1)     | (59)             | (3)     | (89)             | (0)     | (265)            | (2)     | (218)            | (2)     | (383)            | (3)     | (401)            | (2)     | (609)            | (1)     | (141)            | (6)     | (1,055)          |  |  |
| Intramural Research                 |         | 158,541          |         | 157,631          |         | 157,593          |         | 152,759          |         | 157,979          |         | 159,567          |         | 168,879          |         | 172,613          |         | 181,936          |         | 191,992          |  |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 56,462           |         | 58,157           |         | 58,153           |         | 57,395           |         | 58,522           |         | 63,798           |         | 68,047           |         | 73,895           |         | 77,883           |         | 85,256           |  |  |
| Cancer Control                      |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |  |
| Construction                        |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |  |
| B&F                                 |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |  |
| <b>NINDS Total Obligations</b>      |         | <b>1,633,568</b> |         | <b>1,622,001</b> |         | <b>1,624,786</b> |         | <b>1,533,793</b> |         | <b>1,588,899</b> |         | <b>1,604,581</b> |         | <b>1,692,830</b> |         | <b>1,778,684</b> |         | <b>1,949,067</b> |         | <b>2,413,897</b> |  |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NINDS

| Mechanism <sup>1</sup>         | FY 2020   |                  | FY 2021   |                  | FY 2022   |                  | FY 2023   |                  | FY 2024   |                  |
|--------------------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
|                                | No.       | Amount           |
| Research Proj.:                |           |                  |           |                  |           |                  |           |                  |           |                  |
| Noncompeting                   | 2,093     | 1,101,767        | 2,145     | 1,135,407        | 2,228     | 1,173,547        | 2,330     | 1,266,238        | 2,406     | 1,352,393        |
| Admin. Supp.                   | (135)     | 14,575           | (192)     | 21,585           | (261)     | 24,504           | (272)     | 24,427           | (265)     | 21,964           |
| Competing                      | 1,008     | 564,965          | 857       | 556,545          | 949       | 605,339          | 904       | 606,114          | 736       | 465,854          |
| Subtotal, RPGs                 | 3,101     | 1,681,307        | 3,002     | 1,713,538        | 3,177     | 1,803,390        | 3,234     | 1,896,779        | 3,142     | 1,840,211        |
| SBIR/STTR                      | 103       | 77,142           | 118       | 91,022           | 115       | 82,901           | 122       | 95,899           | 104       | 83,492           |
| Subtotal, RPGs                 | 3,204     | 1,758,450        | 3,120     | 1,804,560        | 3,292     | 1,886,290        | 3,356     | 1,992,677        | 3,246     | 1,923,704        |
| Research Centers:              |           | 0                |           | 0                |           | 0                |           | 0                |           | 0                |
| Spec/Comp.                     | 31        | 34,077           | 26        | 42,755           | 25        | 31,574           | 17        | 28,083           | 9         | 32,239           |
| Clinical Research              | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Biotechnology                  | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 137              |
| Comparative Med.               | 0         | 0                | 0         | 237              | 0         | 237              | 0         | 137              | 0         | 0                |
| RCMI                           | 0         | 100              | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Subtotal, Centers              | 31        | 34,177           | 26        | 42,992           | 25        | 31,811           | 17        | 28,220           | 9         | 32,377           |
| Other Research:                |           | 0                |           | 0                |           | 0                |           | 0                |           | 0                |
| Research Careers               | 239       | 44,337           | 280       | 51,759           | 291       | 58,773           | 299       | 57,696           | 286       | 56,898           |
| Cancer Ed.                     | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Coop. Cl.                      | 1         | 4,508            | 8         | 6,355            | 0         | 1,948            | 8         | 1,774            | 0         | 218              |
| BRS                            | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 1         | 249              |
| MBRS                           | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Other                          | 229       | 107,121          | 259       | 110,256          | 262       | 96,296           | 260       | 123,007          | 324       | 129,374          |
| Subtotal, Other                | 469       | 155,966          | 547       | 168,370          | 553       | 157,018          | 567       | 182,477          | 611       | 186,738          |
| Total, Res. Grants             | 3,704     | 1,948,592        | 3,693     | 2,015,922        | 3,870     | 2,075,120        | 3,940     | 2,203,375        | 3,866     | 2,142,818        |
| Training:                      |           |                  |           |                  |           |                  |           |                  |           |                  |
| Individual                     | FTIPs 378 | 17,766           | ETIPs 341 | 16,504           | ETIPs 345 | 15,372           | FTIPs 352 | 16,283           | ETIPs 353 | 16,951           |
| Institutional                  | 305       | 17,137           | 71        | 18,629           | 285       | 17,517           | 312       | 20,837           | 322       | 17,014           |
| Total, Training                | 683       | 34,904           | 412       | 35,134           | 630       | 32,889           | 664       | 37,119           | 675       | 33,965           |
| R & D Contracts                | 117       | 148,947          | 119       | 121,925          | 135       | 157,596          | 139       | 162,012          | 137       | 158,136          |
| (SBIR/STTR)                    | (3)       | (1,048)          | (0)       | (938)            | (1)       | (1,056)          | (9)       | (1,294)          | (7)       | (1,535)          |
|                                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Intramural Research            | 300       | 219,605          | 308       | 225,479          | 321       | 233,949          | 334       | 254,406          | 350       | 235,446          |
| Res. Mgmt and Support          | 225       | 91,052           | 246       | 92,107           | 280       | 95,864           | 316       | 116,031          | 348       | 127,686          |
| (SBIR Admin.)                  | (0)       | (460)            | (0)       | (663)            | (0)       | (732)            | (0)       | (837)            | (0)       | (1,051)          |
| Cancer Control                 | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Construction                   | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| B&F                            | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| <b>NINDS Total Obligations</b> |           | <b>2,443,099</b> |           | <b>2,490,566</b> |           | <b>2,595,418</b> |           | <b>2,772,943</b> |           | <b>2,698,051</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NICHD

| Mechanism <sup>1</sup>              | FY 2000    |                | FY 2001    |                | FY 2002    |                  | FY 2003    |                  | FY 2004    |                  | FY 2005    |                  | FY 2006    |                  | FY 2007    |                  | FY 2008   |                  | FY 2009   |                  |  |
|-------------------------------------|------------|----------------|------------|----------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|-----------|------------------|-----------|------------------|--|
|                                     | No.        | Amount         | No.        | Amount         | No.        | Amount           | No.        | Amount           | No.        | Amount           | No.        | Amount           | No.        | Amount           | No.        | Amount           | No.       | Amount           | No.       | Amount           |  |
| Research Proj.:                     |            |                |            |                |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |           |                  |           |                  |  |
| Noncompeting                        | 1,073      | 350,809        | 1,138      | 405,295        | 1,296      | 480,758          | 1,297      | 515,858          | 1,339      | 531,378          | 1,264      | 519,836          | 1,304      | 505,264          | 1,180      | 475,914          | 1,250     | 507,191          | 1,242     | 508,878          |  |
| Admin. Supp.                        | (73)       | 2,857          | (70)       | 3,161          | (117)      | 7,499            | (65)       | 6,691            | (63)       | 7,185            | (80)       | 8,440            | (82)       | 12,030           | (55)       | 4,464            | (41)      | 9,165            | (61)      | 9,648            |  |
| Competing                           | 449        | 136,172        | 503        | 154,231        | 474        | 150,582          | 508        | 148,957          | 407        | 128,354          | 505        | 142,932          | 423        | 141,260          | 536        | 172,674          | 455       | 139,003          | 416       | 140,941          |  |
| Subtotal, RPGs                      | 1,522      | 489,838        | 1,641      | 562,687        | 1,770      | 638,839          | 1,805      | 671,506          | 1,746      | 666,917          | 1,769      | 671,208          | 1,727      | 658,554          | 1,716      | 653,052          | 1,705     | 655,359          | 1,658     | 659,467          |  |
| SBIR/STTR                           | 94         | 18,810         | 87         | 21,464         | 99         | 24,429           | 112        | 26,334           | 112        | 26,520           | 114        | 28,862           | 129        | 28,921           | 100        | 29,090           | 94        | 28,728           | 86        | 29,721           |  |
| Subtotal, RPGs                      | 1,616      | 508,648        | 1,728      | 584,151        | 1,869      | 663,268          | 1,917      | 697,840          | 1,858      | 695,437          | 1,883      | 700,070          | 1,856      | 687,475          | 1,816      | 682,142          | 1,799     | 684,087          | 1,744     | 689,188          |  |
| Research Centers:                   |            |                |            |                |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |           |                  |           |                  |  |
| Spec/Comp.                          | 70         | 57,983         | 60         | 58,613         | 53         | 56,763           | 48         | 61,670           | 44         | 60,318           | 43         | 62,281           | 43         | 61,356           | 50         | 65,505           | 47        | 64,845           | 51        | 69,220           |  |
| Clinical Research                   | 0          | 0              | 0          | 0              | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0         | 0                | 0         | 0                |  |
| Biotechnology                       | 0          | 100            | 0          | 250            | 0          | 250              | 0          | 250              | 0          | 500              | 0          | 250              | 0          | 250              | 0          | 243              | 0         | 238              | 0         | 238              |  |
| Comparative Med.                    | 0          | 0              | 0          | 100            | 0          | 100              | 0          | 250              | 0          | 0                | 0          | 474              | 0          | 240              | 0          | 233              | 0         | 300              | 0         | 300              |  |
| RCMI                                | 0          | 0              | 0          | 0              | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0         | 0                | 0         | 0                |  |
| Subtotal, Centers                   | 70         | 58,083         | 60         | 58,963         | 53         | 57,113           | 48         | 62,170           | 44         | 60,818           | 43         | 63,005           | 43         | 61,846           | 50         | 65,981           | 47        | 65,383           | 51        | 69,758           |  |
| Other Research:                     |            |                |            |                |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |           |                  |           |                  |  |
| Research Careers                    | 168        | 15,650         | 239        | 24,060         | 319        | 29,991           | 366        | 36,477           | 427        | 47,588           | 249        | 40,176           | 251        | 43,294           | 294        | 49,535           | 283       | 49,214           | 290       | 49,090           |  |
| Cancer Ed.                          | 0          | 0              | 0          | 0              | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0         | 0                | 0         | 0                |  |
| Coop. Cl.                           | 52         | 25,309         | 68         | 31,928         | 75         | 36,852           | 80         | 38,584           | 93         | 42,742           | 85         | 38,677           | 86         | 38,993           | 96         | 39,243           | 79        | 40,624           | 61        | 46,252           |  |
| BRS                                 | 0          | 0              | 0          | 0              | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0         | 0                | 0         | 0                |  |
| MBRS                                | 0          | 855            | 0          | 971            | 0          | 1,110            | 0          | 1,144            | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0         | 0                | 0         | 0                |  |
| Other                               | 42         | 8,886          | 38         | 10,722         | 97         | 20,139           | 102        | 21,653           | 142        | 24,692           | 144        | 25,227           | 135        | 23,021           | 143        | 24,099           | 119       | 22,300           | 132       | 24,511           |  |
| Subtotal, Other                     | 262        | 50,700         | 345        | 67,681         | 491        | 88,092           | 548        | 97,858           | 662        | 115,022          | 478        | 104,080          | 472        | 105,308          | 533        | 112,877          | 481       | 112,138          | 483       | 119,853          |  |
| Total, Res. Grants                  | 1,948      | 617,431        | 2,133      | 710,795        | 2,413      | 808,473          | 2,513      | 857,668          | 2,564      | 871,277          | 2,404      | 867,155          | 2,371      | 854,629          | 2,399      | 861,000          | 2,327     | 861,608          | 2,278     | 878,799          |  |
| Training:                           |            |                |            |                |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |           |                  |           |                  |  |
| Individual                          | FITPs: 130 | 4,909          | FITPs: 131 | 5,415          | FITPs: 124 | 5,684            | FITPs: 125 | 6,037            | FITPs: 119 | 5,596            | FITPs: 125 | 5,925            | FITPs: 116 | 4,973            | FITPs: 103 | 4,652            | FITPs: 93 | 4,034            | FITPs: 81 | 3,581            |  |
| Institutional                       | 674        | 20,495         | 702        | 22,231         | 701        | 25,208           | 715        | 28,338           | 732        | 30,016           | 710        | 29,947           | 712        | 30,877           | 769        | 33,702           | 745       | 32,354           | 740       | 32,657           |  |
| Total, Training                     | 804        | 25,404         | 833        | 27,646         | 825        | 30,892           | 840        | 34,375           | 851        | 35,612           | 835        | 35,872           | 828        | 35,850           | 872        | 38,354           | 838       | 36,388           | 821       | 36,238           |  |
| R & D Contracts (SBIR/STTR)         | 77         | 72,695         | 101        | 76,711         | 161        | 88,393           | 202        | 116,572          | 213        | 137,881          | 240        | 149,348          | 659        | 148,516          | 294        | 137,888          | 204       | 140,211          | 98        | 148,975          |  |
|                                     | (0)        | (0)            | (1)        | (100)          | (1)        | (63)             | (0)        | (0)              | (0)        | (56)             | (1)        | (65)             | (2)        | (64)             | (0)        | (0)              | (0)       | (0)              | (0)       | (0)              |  |
| Intramural Research                 |            | 108,607        |            | 122,869        |            | 139,357          |            | 149,793          |            | 154,145          |            | 159,019          |            | 159,051          |            | 159,495          |           | 162,752          |           | 166,305          |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 33,217         |            | 37,516         |            | 43,344           |            | 47,300           |            | 49,024           |            | 50,879           |            | 54,552           |            | 56,028           |           | 58,476           |           | 62,612           |  |
| Cancer Control                      |            | 0              |            | 0              |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |           | 0                |           | 0                |  |
| Construction                        |            | 0              |            | 0              |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |           | 0                |           | 0                |  |
| B&F                                 |            | 0              |            | 0              |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |           | 0                |           | 0                |  |
| <b>NICHD Total Obligations</b>      |            | <b>857,354</b> |            | <b>975,537</b> |            | <b>1,110,459</b> |            | <b>1,205,908</b> |            | <b>1,247,939</b> |            | <b>1,262,273</b> |            | <b>1,252,598</b> |            | <b>1,252,765</b> |           | <b>1,259,435</b> |           | <b>1,292,929</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NICHD

| Mechanism <sup>1</sup>              | FY 2010 |                  | FY 2011 |                  | FY 2012 |                  | FY 2013 |                  | FY 2014 |                  | FY 2015 |                  | FY 2016 |                  | FY 2017 |                  | FY 2018 |                  | FY 2019 |                  |  |
|-------------------------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|
|                                     | No.     | Amount           |  |
| Research Proj.:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Noncompeting                        | 1,149   | 501,743          | 1,178   | 499,011          | 1,097   | 495,272          | 1,137   | 486,283          | 1,045   | 487,719          | 1,056   | 510,952          | 1,002   | 494,894          | 1,039   | 519,190          | 1,141   | 558,382          | 1,240   | 608,661          |  |
| Admin. Supp.                        | (57)    | 9,022            | (41)    | 3,343            | (51)    | 7,672            | (40)    | 16,359           | (35)    | 2,698            | (32)    | 2,544            | (41)    | 8,634            | (31)    | 9,431            | (43)    | 6,461            | (41)    | 5,258            |  |
| Competing                           | 451     | 158,051          | 391     | 161,624          | 444     | 170,466          | 354     | 128,076          | 411     | 165,818          | 397     | 149,469          | 462     | 187,360          | 530     | 198,607          | 557     | 221,280          | 536     | 206,192          |  |
| Subtotal, RPGs                      | 1,600   | 668,816          | 1,569   | 663,978          | 1,541   | 673,410          | 1,491   | 630,718          | 1,456   | 656,235          | 1,453   | 662,964          | 1,464   | 690,888          | 1,569   | 727,229          | 1,698   | 786,122          | 1,776   | 820,110          |  |
| SBIR/STTR                           | 80      | 30,462           | 82      | 30,094           | 87      | 31,445           | 88      | 30,299           | 78      | 32,457           | 76      | 33,342           | 87      | 36,688           | 86      | 39,928           | 107     | 43,151           | 95      | 43,930           |  |
| Subtotal, RPGs                      | 1,680   | 699,278          | 1,651   | 694,072          | 1,628   | 704,855          | 1,579   | 661,017          | 1,534   | 688,692          | 1,529   | 696,306          | 1,551   | 727,576          | 1,655   | 767,157          | 1,805   | 829,274          | 1,871   | 864,041          |  |
| Research Centers:                   |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Spec/Comp.                          | 51      | 71,771           | 53      | 72,066           | 45      | 66,357           | 43      | 56,196           | 49      | 62,327           | 47      | 62,917           | 47      | 60,746           | 45      | 60,927           | 47      | 62,755           | 50      | 68,280           |  |
| Clinical Research                   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Biotechnology                       | 2       | 1,877            | 3       | 3,887            | 4       | 4,424            | 4       | 4,287            | 4       | 4,369            | 3       | 3,226            | 3       | 4,385            | 4       | 4,761            | 4       | 5,000            | 4       | 4,977            |  |
| Comparative Med.                    | 0       | 435              | 0       | 1,172            | 0       | 1,169            | 0       | 1,090            | 0       | 1,185            | 0       | 1,239            | 0       | 510              | 0       | 510              | 0       | 510              | 0       | 513              |  |
| RCMI                                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                   | 53      | 74,083           | 56      | 77,125           | 49      | 71,950           | 47      | 61,573           | 53      | 67,880           | 50      | 67,381           | 50      | 65,642           | 49      | 66,197           | 51      | 68,265           | 54      | 73,770           |  |
| Other Research:                     |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Research Careers                    | 293     | 50,338           | 284     | 44,543           | 287     | 48,004           | 277     | 47,873           | 250     | 43,766           | 241     | 40,412           | 234     | 41,659           | 207     | 41,256           | 228     | 39,751           | 226     | 40,065           |  |
| Cancer Ed.                          | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Coop. Cl.                           | 75      | 48,096           | 102     | 51,371           | 75      | 48,816           | 80      | 46,640           | 86      | 46,793           | 76      | 39,616           | 67      | 41,244           | 67      | 41,567           | 57      | 32,285           | 56      | 29,187           |  |
| BRS                                 | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS                                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Other                               | 152     | 26,335           | 134     | 21,447           | 149     | 23,990           | 168     | 25,273           | 150     | 23,743           | 140     | 25,270           | 149     | 39,203           | 127     | 33,160           | 133     | 43,105           | 133     | 50,109           |  |
| Subtotal, Other                     | 520     | 124,769          | 520     | 117,361          | 511     | 120,810          | 525     | 119,786          | 486     | 114,302          | 457     | 105,298          | 450     | 122,106          | 401     | 115,983          | 418     | 115,141          | 415     | 119,362          |  |
| Total, Res. Grants                  | 2,253   | 898,130          | 2,227   | 888,558          | 2,188   | 897,615          | 2,151   | 842,376          | 2,073   | 870,874          | 2,036   | 868,986          | 2,051   | 915,324          | 2,105   | 949,337          | 2,274   | 1,012,680        | 2,340   | 1,057,172        |  |
| Training:                           |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Individual                          | 86      | 3,836            | 100     | 4,585            | 83      | 3,932            | 79      | 3,776            | 91      | 4,393            | 92      | 4,172            | 109     | 5,286            | 132     | 6,217            | 174     | 8,292            | 217     | 10,579           |  |
| Institutional                       | 709     | 32,013           | 652     | 29,486           | 622     | 29,393           | 577     | 28,097           | 563     | 26,363           | 523     | 26,881           | 476     | 24,877           | 439     | 23,718           | 423     | 22,177           | 416     | 23,332           |  |
| Total, Training                     | 795     | 35,849           | 752     | 34,071           | 705     | 33,325           | 656     | 31,872           | 654     | 30,756           | 615     | 31,053           | 585     | 30,163           | 571     | 29,936           | 597     | 30,469           | 633     | 33,911           |  |
| R & D Contracts (SBIR/STTR)         | 0       | 158,949          | 100     | 158,954          | 99      | 136,254          | 104     | 129,672          | 98      | 132,158          | 98      | 131,541          | 105     | 131,162          | 112     | 129,857          | 108     | 135,567          | 116     | 135,591          |  |
|                                     | (0)     | (0)              | (0)     | (0)              | (0)     | (0)              | (1)     | (175)            | (1)     | (88)             | (1)     | (283)            | (3)     | (294)            | (3)     | (439)            | (2)     | (86)             | (3)     | (476)            |  |
| Intramural Research                 |         | 170,276          |         | 171,056          |         | 187,744          |         | 345              |         | 179,528          |         | 309              |         | 190,922          |         | 315              |         | 314              |         | 307              |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 64,145           |         | 65,043           |         | 65,149           |         | 258              |         | 62,692           |         | 240              |         | 68,944           |         | 237              |         | 228              |         | 218              |  |
| Cancer Control                      |         | 0                |         | 0                |         | 0                |         | (63)             |         | (0)              |         | (371)            |         | (297)            |         | (0)              |         | (256)            |         | (0)              |  |
| Construction                        |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| B&F                                 |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| <b>NICHD Total Obligations</b>      |         | <b>1,327,349</b> |         | <b>1,317,682</b> |         | <b>1,320,087</b> |         | <b>1,246,140</b> |         | <b>1,283,314</b> |         | <b>1,286,797</b> |         | <b>1,338,280</b> |         | <b>1,376,541</b> |         | <b>1,449,613</b> |         | <b>1,508,603</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NICHD

| Mechanism <sup>1</sup>              | FY 2020   |                  | FY 2021   |                  | FY 2022   |                  | FY 2023   |                  | FY 2024   |                  |
|-------------------------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
|                                     | No.       | Amount           |
| Research Proj.:                     |           |                  |           |                  |           |                  |           |                  |           |                  |
| Noncompeting                        | 1,317     | 644,510          | 1,276     | 619,082          | 1,326     | 671,090          | 1,319     | 698,731          | 1,269     | 716,390          |
| Admin. Supp.                        | (58)      | 12,592           | (86)      | 22,273           | (95)      | 15,947           | (92)      | 22,107           | (79)      | 9,850            |
| Competing                           | 472       | 203,426          | 509       | 232,934          | 498       | 242,111          | 500       | 244,555          | 500       | 236,808          |
| Subtotal, RPGs                      | 1,789     | 860,528          | 1,785     | 874,289          | 1,824     | 929,149          | 1,819     | 965,393          | 1,769     | 963,049          |
| SBIR/STTR                           | 80        | 45,490           | 69        | 46,998           | 79        | 49,617           | 90        | 51,684           | 70        | 51,395           |
| Subtotal, RPGs                      | 1,869     | 906,018          | 1,854     | 921,287          | 1,903     | 978,765          | 1,909     | 1,017,078        | 1,839     | 1,014,444        |
| Research Centers:                   |           |                  |           |                  |           |                  |           |                  |           |                  |
| Spec/Comp.                          | 49        | 68,716           | 47        | 69,046           | 45        | 68,428           | 57        | 88,002           | 58        | 98,291           |
| Clinical Research                   | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Biotechnology                       | 4         | 5,686            | 4         | 4,916            | 3         | 4,883            | 3         | 5,271            | 3         | 5,250            |
| Comparative Med.                    | 0         | 513              | 0         | 513              | 0         | 513              | 0         | 513              | 0         | 450              |
| RCMI                                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Subtotal, Centers                   | 53        | 74,915           | 51        | 74,476           | 48        | 73,825           | 60        | 93,786           | 61        | 103,991          |
| Other Research:                     |           |                  |           |                  |           |                  |           |                  |           |                  |
| Research Careers                    | 233       | 42,321           | 219       | 41,903           | 236       | 41,992           | 253       | 43,359           | 247       | 45,338           |
| Cancer Ed.                          | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Coop. Cl.                           | 49        | 31,526           | 36        | 18,313           | 41        | 14,081           | 52        | 22,394           | 52        | 23,252           |
| BRS                                 | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| MBRS                                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Other                               | 129       | 40,904           | 111       | 54,236           | 118       | 46,606           | 125       | 56,752           | 124       | 54,863           |
| Subtotal, Other                     | 411       | 114,751          | 366       | 114,452          | 395       | 102,679          | 430       | 122,506          | 423       | 123,454          |
| Total, Res. Grants                  | 2,333     | 1,095,685        | 2,271     | 1,110,214        | 2,346     | 1,155,269        | 2,399     | 1,233,369        | 2,323     | 1,241,889        |
| Training:                           |           |                  |           |                  |           |                  |           |                  |           |                  |
| Individual                          | FTIPs 257 | 12,662           | ETIPs 290 | 14,143           | ETIPs 303 | 14,758           | FTIPs 285 | 13,901           | ETIPs 292 | 15,003           |
| Institutional                       | 435       | 24,931           | 433       | 25,273           | 424       | 25,556           | 410       | 25,527           | 389       | 25,335           |
| Total, Training                     | 692       | 37,592           | 723       | 39,416           | 727       | 40,314           | 695       | 39,428           | 681       | 40,338           |
| R & D Contracts (SBIR/STTR)         | 127       | 133,434          | 127       | 138,187          | 135       | 174,770          | 130       | 158,389          | 122       | 155,702          |
|                                     | (3)       | (482)            | (0)       | (525)            | (0)       | (551)            | (3)       | (643)            | (4)       | (975)            |
|                                     | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| Intramural Research                 | 296       | 215,171          | 297       | 221,933          | 287       | 225,312          | 279       | 230,042          | 284       | 225,167          |
| Res. Mgmt and Support (SBIR Admin.) | 224       | 74,958           | 238       | 78,374           | 251       | 85,496           | 282       | 86,490           | 308       | 94,581           |
| Cancer Control                      | (0)       | (280)            | (0)       | (380)            | (0)       | (231)            | (0)       | (269)            | (0)       | (282)            |
| Construction                        | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| B&F                                 | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                | 0         | 0                |
| <b>NICHD Total Obligations</b>      |           | <b>1,556,841</b> |           | <b>1,588,125</b> |           | <b>1,681,161</b> |           | <b>1,747,719</b> |           | <b>1,757,676</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NEI

| Mechanism <sup>1</sup>              | FY 2000   |                | FY 2001   |                | FY 2002   |                | FY 2003   |                | FY 2004   |                | FY 2005   |                | FY 2006   |                | FY 2007   |                | FY 2008   |                | FY 2009   |                |  |
|-------------------------------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|--|
|                                     | No.       | Amount         |  |
| Research Proj.:                     |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Noncompeting                        | 767       | 196,478        | 811       | 231,265        | 846       | 249,902        | 877       | 274,185        | 891       | 286,522        | 899       | 297,274        | 890       | 307,204        | 835       | 303,948        | 780       | 290,272        | 791       | 309,745        |  |
| Admin. Supp.                        | (36)      | 4,555          | (35)      | 4,298          | (65)      | 12,426         | (85)      | 11,681         | (86)      | 8,082          | (94)      | 9,149          | (23)      | 2,181          | (58)      | 5,934          | (67)      | 10,881         | (106)     | 18,508         |  |
| Competing                           | 284       | 83,121         | 298       | 88,357         | 309       | 97,009         | 309       | 96,987         | 323       | 102,914        | 289       | 99,830         | 258       | 92,941         | 262       | 95,181         | 279       | 102,578        | 264       | 98,012         |  |
| Subtotal, RPGs                      | 1,051     | 284,154        | 1,109     | 323,920        | 1,155     | 359,337        | 1,186     | 382,853        | 1,214     | 397,518        | 1,188     | 406,253        | 1,148     | 402,326        | 1,097     | 405,063        | 1,059     | 403,731        | 1,055     | 426,265        |  |
| SBIR/STTR                           | 44        | 10,549         | 49        | 12,096         | 50        | 13,519         | 64        | 15,225         | 73        | 16,031         | 66        | 15,265         | 62        | 16,303         | 58        | 18,980         | 51        | 16,229         | 47        | 17,516         |  |
| Subtotal, RPGs                      | 1,095     | 294,703        | 1,158     | 336,016        | 1,205     | 372,856        | 1,250     | 398,078        | 1,287     | 413,549        | 1,254     | 422,518        | 1,210     | 418,629        | 1,155     | 424,043        | 1,110     | 419,960        | 1,102     | 443,781        |  |
| Research Centers:                   |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Spec/Comp.                          | 37        | 14,860         | 39        | 17,865         | 39        | 20,465         | 39        | 22,670         | 40        | 23,482         | 42        | 25,525         | 40        | 27,075         | 39        | 25,844         | 40        | 27,066         | 40        | 27,196         |  |
| Clinical Research                   | 0         | 0              | 0         | 100            | 0         | 200            | 0         | 200            | 0         | 200            | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Biotechnology                       | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Comparative Med.                    | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 200            | 0         | 195            | 0         | 190            | 0         | 150            | 0         | 150            |  |
| RCMI                                | 0         | 0              | 0         | 385            | 0         | 382            | 0         | 391            | 0         | 396            | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Subtotal, Centers                   | 37        | 14,860         | 39        | 18,350         | 39        | 21,047         | 39        | 23,261         | 40        | 24,078         | 42        | 25,725         | 40        | 27,270         | 39        | 26,034         | 40        | 27,216         | 40        | 27,346         |  |
| Other Research:                     |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Research Careers                    | 49        | 6,526          | 48        | 7,074          | 50        | 7,686          | 54        | 8,740          | 57        | 10,933         | 69        | 14,206         | 63        | 14,732         | 68        | 15,579         | 72        | 16,808         | 64        | 11,983         |  |
| Cancer Ed.                          | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Coop. Cl.                           | 126       | 50,137         | 114       | 57,571         | 104       | 65,037         | 108       | 68,136         | 92        | 61,748         | 74        | 56,777         | 75        | 57,413         | 63        | 49,079         | 48        | 50,587         | 33        | 46,817         |  |
| BRS                                 | 0         | 0              | 0         | 0              | 0         | 869            | 0         | 721            | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| MBRS                                | 0         | 392            | 0         | 386            | 0         | 397            | 0         | 265            | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Other                               | 9         | 7,118          | 8         | 6,608          | 9         | 10,217         | 17        | 12,918         | 24        | 12,055         | 22        | 9,894          | 28        | 11,459         | 27        | 12,340         | 20        | 11,342         | 14        | 10,048         |  |
| Subtotal, Other                     | 184       | 64,173         | 170       | 71,639         | 163       | 84,206         | 179       | 90,780         | 173       | 84,736         | 165       | 80,877         | 166       | 83,604         | 158       | 76,998         | 140       | 78,737         | 111       | 68,848         |  |
| Total, Res. Grants                  | 1,316     | 373,736        | 1,367     | 426,005        | 1,407     | 478,109        | 1,468     | 512,119        | 1,500     | 522,363        | 1,461     | 529,120        | 1,416     | 529,503        | 1,352     | 527,075        | 1,290     | 525,913        | 1,253     | 539,975        |  |
| Training:                           |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Individual                          | FITPs: 91 | 3,209          | FITPs: 82 | 3,547          | FITPs: 70 | 3,520          | FITPs: 69 | 3,213          | FITPs: 74 | 3,355          | FITPs: 73 | 3,324          | FITPs: 69 | 3,133          | FITPs: 62 | 2,812          | FITPs: 60 | 2,809          | FITPs: 64 | 3,030          |  |
| Institutional                       | 166       | 6,089          | 185       | 6,215          | 219       | 8,104          | 223       | 9,226          | 253       | 9,232          | 249       | 9,532          | 197       | 6,114          | 205       | 7,794          | 209       | 8,599          | 198       | 7,313          |  |
| Total, Training                     | 257       | 9,298          | 267       | 9,762          | 289       | 11,624         | 292       | 12,439         | 327       | 12,587         | 322       | 12,856         | 266       | 9,247          | 267       | 10,606         | 269       | 11,408         | 262       | 10,343         |  |
| R & D Contracts (SBIR/STTR)         | 24        | 12,779         | 42        | 14,639         | 72        | 21,121         | 95        | 29,188         | 57        | 33,941         | 63        | 34,924         | 57        | 32,400         | 52        | 38,423         | 52        | 40,696         | 46        | 43,110         |  |
|                                     | (0)       | (0)            | (0)       | (0)            | (0)       | (0)            | (0)       | (0)            | (0)       | (31)           | (36)      | (0)            | (36)      | (0)            | (38)      | (0)            | (39)      | (0)            | (28)      |                |  |
| Intramural Research                 |           | 41,378         |           | 45,444         |           | 53,976         |           | 62,375         |           | 64,496         |           | 67,487         |           | 67,029         |           | 67,200         |           | 68,594         |           | 70,472         |  |
| Res. Mgmt and Support (SBIR Admin.) |           | 12,568         |           | 14,391         |           | 15,217         |           | 16,988         |           | 17,574         |           | 20,453         |           | 22,161         |           | 22,559         |           | 22,923         |           | 23,450         |  |
| Cancer Control                      |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |  |
| Construction                        |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |  |
| B&F                                 |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |  |
| <b>NEI Total Obligations</b>        |           | <b>449,759</b> |           | <b>510,241</b> |           | <b>580,047</b> |           | <b>633,109</b> |           | <b>650,961</b> |           | <b>664,840</b> |           | <b>660,340</b> |           | <b>665,863</b> |           | <b>669,534</b> |           | <b>687,350</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NEI

| Mechanism <sup>1</sup>              | FY 2010   |         | FY 2011   |         | FY 2012   |         | FY 2013   |         | FY 2014   |         | FY 2015   |         | FY 2016   |         | FY 2017   |         | FY 2018   |         | FY 2019   |         |  |
|-------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|--|
|                                     | No.       | Amount  |  |
| Research Proj.:                     |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |  |
| Noncompeting                        | 854       | 335,229 | 815       | 314,416 | 754       | 299,295 | 764       | 295,354 | 758       | 304,489 | 770       | 313,053 | 750       | 311,220 | 800       | 333,772 | 827       | 348,491 | 858       | 353,857 |  |
| Admin. Supp.                        | (30)      | 3,267   | (40)      | 6,078   | (97)      | 14,236  | (36)      | 3,209   | (33)      | 2,934   | (30)      | 2,092   | (58)      | 4,096   | (59)      | 6,462   | (74)      | 7,526   | (56)      | 6,651   |  |
| Competing                           | 248       | 96,408  | 277       | 113,531 | 296       | 119,673 | 267       | 105,956 | 290       | 115,634 | 273       | 107,010 | 332       | 131,075 | 304       | 121,075 | 310       | 125,004 | 335       | 136,718 |  |
| Subtotal, RPGs                      | 1,102     | 434,904 | 1,092     | 434,025 | 1,050     | 433,204 | 1,031     | 404,519 | 1,048     | 423,057 | 1,043     | 422,155 | 1,082     | 446,391 | 1,104     | 461,310 | 1,137     | 481,021 | 1,193     | 497,226 |  |
| SBIR/STTR                           | 51        | 17,302  | 42        | 17,073  | 46        | 17,997  | 34        | 17,420  | 56        | 18,589  | 47        | 19,128  | 49        | 21,038  | 53        | 22,865  | 47        | 24,092  | 50        | 24,720  |  |
| Subtotal, RPGs                      | 1,153     | 452,206 | 1,134     | 451,098 | 1,096     | 451,201 | 1,065     | 421,939 | 1,104     | 441,646 | 1,090     | 441,283 | 1,131     | 467,429 | 1,157     | 484,174 | 1,184     | 505,113 | 1,243     | 521,946 |  |
| Research Centers:                   |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |  |
| Spec/Comp.                          | 40        | 27,604  | 40        | 28,850  | 40        | 30,169  | 40        | 26,118  | 38        | 25,363  | 37        | 25,363  | 38        | 25,556  | 38        | 26,096  | 42        | 27,167  | 42        | 27,259  |  |
| Clinical Research                   | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       |  |
| Biotechnology                       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       |  |
| Comparative Med.                    | 0         | 150     | 0         | 147     | 0         | 144     | 0         | 145     | 0         | 144     | 0         | 144     | 0         | 144     | 0         | 144     | 1         | 144     | 0         | 144     |  |
| RCMI                                | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       |  |
| Subtotal, Centers                   | 40        | 27,754  | 40        | 28,997  | 40        | 30,313  | 40        | 26,263  | 38        | 25,507  | 37        | 25,507  | 38        | 25,700  | 38        | 26,240  | 43        | 27,310  | 42        | 27,402  |  |
| Other Research:                     |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |  |
| Research Careers                    | 64        | 12,797  | 67        | 14,301  | 67        | 13,203  | 74        | 16,432  | 75        | 16,455  | 78        | 14,953  | 81        | 15,852  | 84        | 16,436  | 97        | 18,832  | 100       | 19,773  |  |
| Cancer Ed.                          | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       |  |
| Coop. Cl.                           | 33        | 50,127  | 34        | 48,626  | 38        | 47,884  | 37        | 36,312  | 41        | 35,515  | 43        | 35,748  | 44        | 35,689  | 47        | 36,990  | 51        | 37,538  | 38        | 35,821  |  |
| BRS                                 | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       |  |
| MBRS                                | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       | 0         | 0       |  |
| Other                               | 18        | 12,059  | 15        | 9,137   | 14        | 10,472  | 14        | 11,211  | 17        | 11,493  | 15        | 10,934  | 18        | 10,076  | 16        | 8,363   | 24        | 14,542  | 39        | 16,954  |  |
| Subtotal, Other                     | 115       | 74,983  | 116       | 72,064  | 119       | 71,559  | 125       | 63,955  | 133       | 63,463  | 136       | 61,635  | 143       | 61,617  | 147       | 61,790  | 172       | 70,912  | 177       | 72,548  |  |
| Total, Res. Grants                  | 1,308     | 554,943 | 1,290     | 552,159 | 1,255     | 553,073 | 1,230     | 512,155 | 1,275     | 530,616 | 1,263     | 528,425 | 1,312     | 554,746 | 1,342     | 572,204 | 1,399     | 603,335 | 1,462     | 621,897 |  |
| Training:                           |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |           |         |  |
| Individual                          | FITPs: 67 | 3,042   | FITPs: 62 | 2,880   | FITPs: 70 | 3,387   | FITPs: 65 | 3,226   | FITPs: 66 | 3,436   | FITPs: 76 | 3,775   | FITPs: 88 | 4,265   | FITPs: 89 | 4,039   | FITPs: 99 | 4,551   | FITPs: 99 | 4,833   |  |
| Institutional                       | 187       | 7,368   | 179       | 7,011   | 178       | 7,543   | 177       | 7,682   | 189       | 8,328   | 175       | 7,937   | 162       | 7,182   | 162       | 7,091   | 164       | 7,067   | 146       | 6,994   |  |
| Total, Training                     | 254       | 10,410  | 241       | 9,891   | 248       | 10,930  | 242       | 10,889  | 255       | 11,762  | 251       | 11,712  | 250       | 11,447  | 251       | 11,130  | 263       | 11,618  | 245       | 11,827  |  |
| R & D Contracts (SBIR/STTR)         | 43        | 45,058  | 43        | 41,242  | 43        | 40,511  | 41        | 40,368  | 40        | 37,549  | 43        | 39,057  | 45        | 38,457  | 41        | 38,635  | 41        | 38,918  | 41        | 40,846  |  |
|                                     | (0)       | (34)    | (0)       | (25)    | (0)       | (38)    | (0)       | (114)   | (0)       | (93)    | (0)       | (161)   | (0)       | (167)   | (0)       | (248)   | (0)       | (48)    | (0)       | (265)   |  |
| Intramural Research                 |           | 71,525  |           | 72,928  |           | 72,915  | 180       | 70,297  | 178       | 71,677  | 172       | 73,114  | 175       | 76,078  | 182       | 80,032  | 177       | 86,866  | 175       | 89,916  |  |
| Res. Mgmt and Support (SBIR Admin.) |           | 23,857  |           | 24,561  |           | 24,563  | 87        | 23,345  | 83        | 23,947  | 76        | 24,418  | 82        | 26,276  | 90        | 29,202  | 82        | 29,745  | 82        | 29,281  |  |
| Cancer Control                      |           | 0       |           | 0       |           | 0       | (0)       | 0       | (0)       | 0       | (0)       | 0       | (0)       | 0       | (0)       | 0       | (0)       | 0       | (0)       | 0       |  |
| Construction                        |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |  |
| B&F                                 |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |           | 0       |  |
| NEI Total Obligations               |           | 705,793 |           | 700,781 |           | 701,992 |           | 657,055 |           | 675,551 |           | 676,726 |           | 707,002 |           | 731,203 |           | 770,483 |           | 793,767 |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NEI

| Mechanism <sup>1</sup>       | FY 2020      |                | FY 2021      |                | FY 2022      |                | FY 2023      |                | FY 2024      |                |     |         |
|------------------------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|-----|---------|
|                              | No.          | Amount         |     |         |
| Research Proj.:              |              |                |              |                |              |                |              |                |              |                |     |         |
| Noncompeting                 | 864          | 356,192        | 889          | 364,796        | 892          | 372,944        | 915          | 402,747        | 866          | 388,811        |     |         |
| Admin. Supp.                 | (69)         | 7,254          | (57)         | 5,301          | (85)         | 6,150          | (57)         | 5,332          | (79)         | 7,113          |     |         |
| Competing                    | 347          | 148,336        | 300          | 129,465        | 316          | 137,347        | 310          | 139,003        | 329          | 153,900        |     |         |
| Subtotal, RPGs               | 1,211        | 511,782        | 1,189        | 499,562        | 1,208        | 516,440        | 1,225        | 547,082        | 1,195        | 549,824        |     |         |
| SBIR/STTR                    | 48           | 25,464         | 51           | 25,570         | 51           | 26,718         | 44           | 27,088         | 40           | 27,136         |     |         |
| Subtotal, RPGs               | 1,259        | 537,246        | 1,240        | 525,131        | 1,259        | 543,159        | 1,269        | 574,170        | 1,235        | 576,959        |     |         |
| <b>Research Centers:</b>     |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |     |         |
| Spec/Comp.                   | 39           | 26,785         | 39           | 26,723         | 39           | 27,381         | 40           | 27,354         | 39           | 28,228         |     |         |
| Clinical Research            | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |     |         |
| Biotechnology                | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |     |         |
| Comparative Med.             | 0            | 144            | 0            | 144            | 0            | 144            | 0            | 144            | 0            | 144            |     |         |
| RCMI                         | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |     |         |
| Subtotal, Centers            | 39           | 26,928         | 39           | 26,867         | 39           | 27,525         | 40           | 27,497         | 39           | 28,372         |     |         |
| <b>Other Research:</b>       |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |     |         |
| Research Careers             | 102          | 19,959         | 103          | 20,203         | 98           | 20,661         | 96           | 20,744         | 107          | 21,463         |     |         |
| Cancer Ed.                   | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |     |         |
| Coop. Cl.                    | 30           | 38,230         | 32           | 39,876         | 35           | 39,753         | 28           | 41,016         | 18           | 35,108         |     |         |
| BRS                          | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |     |         |
| MBRS                         | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |     |         |
| Other                        | 22           | 20,647         | 17           | 30,996         | 31           | 29,139         | 29           | 21,168         | 29           | 22,694         |     |         |
| Subtotal, Other              | 154          | 78,836         | 152          | 91,076         | 164          | 89,553         | 153          | 82,929         | 154          | 79,265         |     |         |
| <b>Total, Res. Grants</b>    | <b>1,452</b> | <b>643,010</b> | <b>1,431</b> | <b>643,075</b> | <b>1,462</b> | <b>660,236</b> | <b>1,462</b> | <b>684,597</b> | <b>1,428</b> | <b>684,596</b> |     |         |
| <b>Training:</b>             |              |                |              |                |              |                |              |                |              |                |     |         |
| Individual                   | FTIPs        | 108            | 5,271        | ETIPs          | 125          | 6,031          | ETIPs        | 122            | 5,974        | ETIPs          | 126 | 6,240   |
| Institutional                |              | 136            | 6,097        |                | 118          | 5,643          |              | 116            | 6,654        |                | 129 | 7,007   |
| Total, Training              |              | 244            | 11,368       |                | 243          | 11,674         |              | 238            | 12,628       |                | 255 | 13,248  |
| <b>R &amp; D Contracts</b>   |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |     |         |
| (SBIR/STTR)                  |              | (0)            | (269)        |                | (0)          | (269)          |              | (0)            | (273)        |                | (0) |         |
|                              |              | 0              | 0            |                | 0            | 0              |              | 0              | 0            |                | 0   |         |
| Intramural Research          |              | 189            | 95,833       |                | 202          | 98,424         |              | 177            | 103,906      |                | 168 | 110,974 |
| Res. Mgmt and Support        |              | 80             | 32,373       |                | 83           | 33,781         |              | 109            | 41,547       |                | 104 | 42,421  |
| (SBIR Admin.)                |              | (0)            | (0)          |                | (0)          | (0)            |              | (0)            | (0)          |                | (0) |         |
| Cancer Control               |              | 0              | 0            |                | 0            | 0              |              | 0              | 0            |                | 0   |         |
| Construction                 |              | 0              | 0            |                | 0            | 0              |              | 0              | 0            |                | 0   |         |
| B&F                          |              | 0              | 0            |                | 0            | 0              |              | 0              | 0            |                | 0   |         |
| <b>NEI Total Obligations</b> |              | <b>823,310</b> |              | <b>832,967</b> |              | <b>863,732</b> |              | <b>896,081</b> |              | <b>896,066</b> |     |         |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| Mechanism <sup>1</sup>                | FY 2000   |                | FY 2001   |                | FY 2002   |                | FY 2003   |                | FY 2004   |                | FY 2005   |                | FY 2006   |                | FY 2007   |                | FY 2008   |                | FY 2009   |                |  |
|---------------------------------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|--|
|                                       | No.       | Amount         |  |
| Research Proj.:                       |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Noncompeting                          | 370       | 108,758        | 378       | 122,918        | 429       | 160,260        | 422       | 175,403        | 404       | 174,752        | 393       | 168,539        | 363       | 141,752        | 397       | 155,843        | 412       | 172,174        | 427       | 186,654        |  |
| Admin. Supp.                          | (30)      | 2,238          | (21)      | 1,600          | (32)      | 3,584          | (19)      | 1,381          | (31)      | 1,767          | (33)      | 3,326          | (39)      | 8,427          | (47)      | 1,991          | (40)      | 3,018          | (26)      | 2,040          |  |
| Competing                             | 149       | 49,419         | 174       | 60,942         | 142       | 48,894         | 124       | 40,770         | 129       | 41,903         | 144       | 47,670         | 171       | 60,815         | 176       | 67,569         | 134       | 53,568         | 135       | 50,836         |  |
| Subtotal, RPGs                        | 519       | 160,415        | 552       | 185,460        | 571       | 212,738        | 546       | 217,554        | 533       | 218,422        | 537       | 219,535        | 534       | 210,994        | 573       | 225,403        | 546       | 228,760        | 562       | 239,530        |  |
| SBIR/STTR                             | 35        | 6,783          | 41        | 8,129          | 35        | 8,579          | 42        | 9,790          | 37        | 10,809         | 35        | 10,928         | 34        | 11,217         | 38        | 11,217         | 41        | 11,265         | 24        | 11,800         |  |
| Subtotal, RPGs                        | 554       | 167,198        | 593       | 193,589        | 606       | 221,317        | 588       | 227,344        | 570       | 229,231        | 572       | 230,463        | 568       | 221,794        | 611       | 236,620        | 587       | 240,025        | 586       | 251,330        |  |
| Research Centers:                     |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Spec/Comp.                            | 27        | 29,377         | 26        | 31,967         | 31        | 37,835         | 30        | 40,530         | 37        | 41,825         | 35        | 41,892         | 36        | 41,892         | 36        | 44,037         | 29        | 40,478         | 25        | 39,075         |  |
| Clinical Research                     | 0         | 0              | 0         | 37             | 0         | 37             | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Biotechnology                         | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Comparative Med.                      | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| RCMI                                  | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Subtotal, Centers                     | 27        | 29,377         | 26        | 32,004         | 31        | 37,872         | 30        | 40,530         | 37        | 41,825         | 35        | 41,892         | 36        | 41,892         | 36        | 44,037         | 29        | 40,478         | 25        | 39,075         |  |
| Other Research:                       |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Research Careers                      | 28        | 3,460          | 40        | 4,576          | 42        | 4,926          | 42        | 4,923          | 46        | 5,444          | 41        | 5,110          | 35        | 4,432          | 45        | 5,887          | 49        | 6,427          | 40        | 5,997          |  |
| Cancer Ed.                            | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Coop. Cl.                             | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| BRS                                   | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| MBRS                                  | 2         | 1,734          | 4         | 3,372          | 4         | 3,134          | 4         | 3,001          | 2         | 1,526          | 3         | 2,000          | 3         | 2,886          | 3         | 2,507          | 3         | 2,431          | 3         | 2,143          |  |
| Other                                 | 39        | 6,761          | 36        | 8,646          | 52        | 17,130         | 58        | 11,075         | 60        | 11,899         | 51        | 9,944          | 51        | 9,042          | 27        | 3,879          | 35        | 3,313          | 31        | 2,323          |  |
| Subtotal, Other                       | 69        | 11,955         | 80        | 16,594         | 98        | 25,190         | 104       | 18,999         | 108       | 18,869         | 95        | 17,054         | 89        | 16,360         | 75        | 12,273         | 87        | 12,171         | 74        | 10,463         |  |
| Total, Res. Grants                    | 650       | 208,530        | 699       | 242,187        | 735       | 284,379        | 722       | 286,873        | 715       | 289,925        | 702       | 289,409        | 693       | 280,046        | 722       | 292,930        | 703       | 292,674        | 685       | 300,868        |  |
| Training:                             |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Individual                            | FTIPs: 45 | 1,443          | FTIPs: 52 | 1,718          | FTIPs: 50 | 1,848          | FTIPs: 52 | 1,967          | FTIPs: 60 | 2,348          | FTIPs: 48 | 1,914          | FTIPs: 47 | 1,930          | FTIPs: 53 | 2,128          | FTIPs: 56 | 2,197          | FTIPs: 46 | 1,788          |  |
| Institutional                         | 449       | 14,118         | 476       | 14,803         | 471       | 15,995         | 468       | 17,109         | 454       | 16,995         | 450       | 17,258         | 460       | 17,258         | 421       | 16,964         | 419       | 16,665         | 438       | 17,074         |  |
| Total, Training                       | 494       | 15,561         | 528       | 16,521         | 521       | 17,843         | 520       | 19,076         | 514       | 19,343         | 498       | 19,188         | 507       | 19,188         | 474       | 19,092         | 475       | 18,862         | 484       | 18,862         |  |
| R & D Contracts (SBIR/STTR)           | 104       | 91,803         | 110       | 102,984        | 107       | 116,079        | 102       | 140,318        | 105       | 150,754        | 117       | 151,974        | 99        | 147,425        | 95        | 150,785        | 91        | 148,431        | 97        | 151,815        |  |
|                                       | (4)       | (1,273)        | (12)      | (1,380)        | (9)       | (1,468)        | (10)      | (1,610)        | (8)       | (1,739)        | (6)       | (1,616)        | (5)       | (1,482)        | (8)       | (1,366)        | (6)       | (1,366)        | (5)       | (1,366)        |  |
| Intramural Research                   |           | 115,476        |           | 127,951        |           | 142,418        |           | 153,416        |           | 155,408        |           | 164,704        |           | 167,072        |           | 166,897        |           | 173,735        |           | 176,418        |  |
| Res. Mgmt and Support (SBIR Admin.)   |           | 10,590         |           | 12,170         |           | 13,799         |           | 14,500         |           | 14,824         |           | 15,130         |           | 16,723         |           | 17,316         |           | 17,855         |           | 20,074         |  |
| Cancer Control                        |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |  |
| Construction                          |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |  |
| B&F                                   |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |           | 0              |  |
| <b>NIEHS Direct Total Obligations</b> |           | <b>441,960</b> |           | <b>501,813</b> |           | <b>574,518</b> |           | <b>614,183</b> |           | <b>630,254</b> |           | <b>640,405</b> |           | <b>630,454</b> |           | <b>647,020</b> |           | <b>651,557</b> |           | <b>668,037</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| Mechanism <sup>1</sup>                | FY 2010   |                | FY 2011   |                | FY 2012   |                | FY 2013   |                | FY 2014   |                | FY 2015   |                | FY 2016   |                | FY 2017   |                | FY 2018   |                | FY 2019   |                |  |
|---------------------------------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|--|
|                                       | No.       | Amount         |  |
| Research Proj.:                       |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Noncompeting                          | 438       | 190,133        | 450       | 192,899        | 449       | 192,627        | 455       | 176,207        | 444       | 175,307        | 414       | 169,423        | 440       | 173,540        | 405       | 177,083        | 421       | 181,900        | 467       | 202,605        |  |
| Admin. Supp.                          | (41)      | 3,729          | (35)      | 2,364          | (41)      | 3,151          | (21)      | 1,771          | (28)      | 2,675          | (40)      | 3,276          | (25)      | 3,017          | (32)      | 3,867          | (54)      | 6,961          | (35)      | 4,541          |  |
| Competing                             | 197       | 68,531         | 159       | 55,226         | 177       | 56,891         | 157       | 54,738         | 171       | 59,902         | 183       | 59,722         | 164       | 62,973         | 167       | 61,697         | 191       | 71,273         | 151       | 62,374         |  |
| Subtotal, RPGs                        | 635       | 262,393        | 609       | 250,489        | 626       | 252,669        | 612       | 232,716        | 615       | 237,884        | 597       | 232,421        | 604       | 239,530        | 572       | 242,647        | 612       | 260,135        | 618       | 269,520        |  |
| SBIR/STTR                             | 40        | 12,764         | 39        | 12,666         | 38        | 13,856         | 45        | 13,324         | 48        | 14,774         | 39        | 14,752         | 37        | 16,063         | 44        | 17,896         | 42        | 18,672         | 46        | 19,037         |  |
| Subtotal, RPGs                        | 675       | 275,157        | 648       | 263,155        | 664       | 266,525        | 657       | 246,040        | 663       | 252,658        | 636       | 247,173        | 641       | 255,593        | 616       | 260,543        | 654       | 278,807        | 664       | 288,557        |  |
| <b>Research Centers:</b>              |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Spec/Comp.                            | 29        | 37,632         | 29        | 35,393         | 26        | 34,083         | 19        | 30,213         | 21        | 31,119         | 29        | 36,066         | 29        | 38,415         | 31        | 38,869         | 29        | 38,890         | 28        | 36,637         |  |
| Clinical Research                     | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Biotechnology                         | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Comparative Med.                      | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 500            | 0         | 0              | 0         | 0              |  |
| RCMI                                  | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Subtotal, Centers                     | 29        | 37,632         | 29        | 35,393         | 26        | 34,083         | 19        | 30,213         | 21        | 31,119         | 29        | 36,066         | 29        | 38,415         | 31        | 39,369         | 29        | 38,890         | 28        | 36,637         |  |
| <b>Other Research:</b>                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Research Careers                      | 41        | 5,610          | 45        | 6,321          | 45        | 5,962          | 49        | 6,427          | 52        | 6,691          | 49        | 6,575          | 48        | 6,369          | 41        | 5,613          | 47        | 6,369          | 46        | 6,661          |  |
| Cancer Ed.                            | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| Coop. Cl.                             | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| BRS                                   | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              |  |
| MBRS                                  | 2         | 1,418          | 0         | 188            | 0         | 0              | 0         | 0              | 0         | 200            | 0         | 200            | 0         | 200            | 0         | 400            | 0         | 199            | 0         | 198            |  |
| Other                                 | 33        | 2,785          | 35        | 2,921          | 33        | 3,060          | 29        | 3,003          | 30        | 2,290          | 35        | 2,211          | 38        | 3,605          | 44        | 7,397          | 47        | 9,881          | 59        | 18,026         |  |
| Subtotal, Other                       | 76        | 9,813          | 80        | 9,430          | 78        | 9,022          | 78        | 9,430          | 82        | 9,181          | 84        | 8,986          | 86        | 10,174         | 85        | 13,410         | 94        | 16,450         | 105       | 24,885         |  |
| Total, Res. Grants                    | 780       | 322,602        | 757       | 307,978        | 768       | 309,630        | 754       | 285,685        | 766       | 292,959        | 749       | 292,225        | 756       | 304,182        | 732       | 313,322        | 777       | 334,147        | 797       | 350,079        |  |
| <b>Training:</b>                      |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| Individual                            | FTIPs: 55 | 2,112          | FTIPs: 50 | 2,010          | FTIPs: 44 | 1,896          | FTIPs: 42 | 1,981          | FTIPs: 32 | 1,590          | FTIPs: 34 | 1,536          | FTIPs: 35 | 1,569          | FTIPs: 43 | 1,960          | FTIPs: 47 | 2,011          | FTIPs: 41 | 1,664          |  |
| Institutional                         | 426       | 16,878         | 421       | 16,980         | 420       | 17,094         | 382       | 17,009         | 391       | 17,922         | 367       | 17,976         | 378       | 18,709         | 379       | 18,794         | 369       | 17,918         | 380       | 14,332         |  |
| Total, Training                       | 481       | 18,990         | 471       | 18,990         | 464       | 18,990         | 424       | 18,990         | 423       | 19,512         | 401       | 19,512         | 413       | 20,278         | 422       | 20,754         | 416       | 19,929         | 421       | 15,997         |  |
| R & D Contracts (SBIR/STTR)           | 119       | 148,365        | 99        | 148,212        | 138       | 147,759        | 131       | 141,645        | 142       | 146,405        | 112       | 145,356        | 109       | 149,436        | 121       | 150,470        | 125       | 153,713        | 64        | 156,134        |  |
|                                       | (8)       | (937)          | (6)       | (499)          | (0)       | (34)           | (0)       | (102)          | (0)       | (84)           | (0)       | (145)          | (0)       | (150)          | (0)       | (218)          | (0)       | (42)           | (0)       | (231)          |  |
| Intramural Research                   |           | 182,003        |           | 184,663        |           | 184,719        |           | 176,865        |           | 181,747        |           | 184,960        |           | 192,403        |           | 201,095        |           | 213,139        |           | 220,271        |  |
| Res. Mgmt and Support (SBIR Admin.)   |           | 22,847         |           | 23,714         |           | 23,719         |           | 23,283         |           | 25,034         |           | 25,151         |           | 26,179         |           | 26,882         |           | 28,377         |           | 29,324         |  |
| Cancer Control                        |           |                |           |                |           |                |           | (0)            |           | (1)            |           | (0)            |           | (24)           |           | (132)          |           | (0)            |           | (150)          |  |
| Construction                          |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| B&F                                   |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |  |
| <b>NIEHS Direct Total Obligations</b> |           | <b>694,807</b> |           | <b>683,557</b> |           | <b>684,817</b> |           | <b>646,467</b> |           | <b>665,657</b> |           | <b>667,205</b> |           | <b>692,478</b> |           | <b>712,522</b> |           | <b>749,304</b> |           | <b>771,805</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIEHS Direct

| Mechanism <sup>1</sup>                | FY 2020 <sup>2</sup> |                | FY 2021 <sup>2</sup> |                | FY 2022 <sup>2</sup> |                | FY 2023 <sup>2</sup> |                | FY 2024 <sup>2</sup> |                |
|---------------------------------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|
|                                       | No.                  | Amount         |
| Research Proj.:                       |                      |                |                      |                |                      |                |                      |                |                      |                |
| Noncompeting                          | 446                  | 199,909        | 455                  | 209,935        | 436                  | 209,714        | 433                  | 212,944        | 403                  | 209,912        |
| Admin. Supp.                          | (43)                 | 9,350          | (51)                 | 7,044          | (43)                 | 3,683          | (88)                 | 14,765         | (63)                 | 5,495          |
| Competing                             | 170                  | 70,334         | 144                  | 66,029         | 160                  | 72,033         | 134                  | 71,816         | 165                  | 74,566         |
| Subtotal, RPGs                        | 616                  | 279,594        | 599                  | 283,008        | 596                  | 285,430        | 567                  | 299,525        | 568                  | 289,972        |
| SBIR/STTR                             | 51                   | 20,269         | 38                   | 19,803         | 40                   | 20,632         | 37                   | 22,577         | 40                   | 22,836         |
| Subtotal, RPGs                        | 667                  | 299,863        | 637                  | 302,811        | 636                  | 306,062        | 604                  | 322,102        | 608                  | 312,808        |
| Research Centers:                     |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Spec/Comp.                            | 26                   | 39,583         | 23                   | 37,220         | 24                   | 39,177         | 28                   | 57,199         | 36                   | 73,273         |
| Clinical Research                     | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Biotechnology                         | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Comparative Med.                      | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| RCMI                                  | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Subtotal, Centers                     | 26                   | 39,583         | 23                   | 37,220         | 24                   | 39,177         | 28                   | 57,199         | 36                   | 73,273         |
| Other Research:                       |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Research Careers                      | 48                   | 6,870          | 46                   | 6,495          | 51                   | 7,975          | 50                   | 8,392          | 52                   | 8,381          |
| Cancer Ed.                            | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Coop. Cl.                             | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| BRS                                   | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| MBRS                                  | 0                    | 196            | 0                    | 400            | 0                    | 390            | 0                    | 385            | 0                    | 379            |
| Other                                 | 64                   | 20,060         | 66                   | 21,516         | 63                   | 24,410         | 73                   | 39,120         | 83                   | 35,470         |
| Subtotal, Other                       | 112                  | 27,126         | 112                  | 28,411         | 114                  | 32,775         | 123                  | 47,897         | 135                  | 44,230         |
| Total, Res. Grants                    | 805                  | 366,572        | 772                  | 368,441        | 774                  | 378,013        | 755                  | 427,197        | 779                  | 430,311        |
| Training:                             |                      |                |                      |                |                      |                |                      |                |                      |                |
| Individual                            | FTIPs 43             | 1,845          | ETIPs 50             | 2,082          | ETIPs 52             | 2,406          | ETIPs 58             | 2,722          | ETIPs 57             | 2,731          |
| Institutional                         | 382                  | 15,705         | 377                  | 19,306         | 392                  | 21,276         | 379                  | 20,690         | 358                  | 19,040         |
| Total, Training                       | 425                  | 17,550         | 427                  | 21,387         | 444                  | 23,682         | 437                  | 23,412         | 415                  | 21,771         |
| R & D Contracts                       | 59                   | 158,813        | 66                   | 159,258        | 72                   | 163,911        | 44                   | 167,381        | 51                   | 168,713        |
| (SBIR/STTR)                           | (0)                  | (237)          | (0)                  | (237)          | (0)                  | (239)          | (0)                  | (269)          | (0)                  | (438)          |
|                                       |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Intramural Research                   | 497                  | 230,014        | 511                  | 233,454        | 499                  | 242,218        | 496                  | 256,584        | 504                  | 255,581        |
| Res. Mgmt and Support                 | 128                  | 29,509         | 131                  | 29,494         | 139                  | 34,148         | 138                  | 39,000         | 138                  | 37,223         |
| (SBIR Admin.)                         | (0)                  | (196)          | (0)                  | (214)          | (0)                  | (228)          | (0)                  | (223)          | (0)                  | (190)          |
| Cancer Control                        |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Construction                          |                      | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| B&F                                   |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| <b>NIEHS Direct Total Obligations</b> |                      | <b>802,459</b> |                      | <b>812,033</b> |                      | <b>841,972</b> |                      | <b>913,575</b> |                      | <b>913,599</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> FY 2020 thru FY 2024 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2024 from these multi-year accounts.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIEHS Superfund

| Mechanism <sup>1</sup>                                  | FY 2000 |        | FY 2001  |               | FY 2002  |               | FY 2003  |               | FY 2004  |               | FY 2005  |               | FY 2006  |               | FY 2007  |               | FY 2008  |               | FY 2009  |               |  |  |
|---|---------|--------|----------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|---------------|--|--|
|   | No.     | Amount | No.      | Amount        | No.      | Amount        | No.      | Amount        | No.      | Amount        | No.      | Amount        | No.      | Amount        | No.      | Amount        | No.      | Amount        | No.      | Amount        |  |  |
| Research Proj.:   |         |        |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |  |  |
| Noncompeting  |         |        | 17       | 35,656        | 19       | 40,404        | 19       | 41,863        | 26       | 44,341        | 0        | 0             | 9        | 23,781        | 23       | 43,704        | 24       | 38,283        | 18       | 33,879        |  |  |
| Admin. Supp.  |         |        | (1)      | 24            | (11)     | 665           | (17)     | 2,232         | (12)     | 886           | (15)     | 23,357        | (13)     | 1,597         | (9)      | 333           | (19)     | 1,354         | (13)     | 1,598         |  |  |
| Competing   |         |        | 2        | 2,120         | 0        | 0             | 7        | 1,438         | 5        | 1,022         | 9        | 23,122        | 22       | 20,687        | 7        | 1,313         | 5        | 5,492         | 7        | 9,506         |  |  |
| Subtotal, RPGs  | 0       | 0      | 19       | 37,800        | 19       | 41,069        | 26       | 45,533        | 31       | 45,329        | 9        | 46,479        | 31       | 46,065        | 30       | 45,350        | 29       | 45,129        | 25       | 44,983        |  |  |
| SBIR/STTR   |         |        | 0        | 0             | 15       | 2,331         | 12       | 2,482         | 9        | 2,135         | 10       | 2,381         | 13       | 2,250         | 11       | 2,330         | 11       | 2,080         | 11       | 2,199         |  |  |
| Subtotal, RPGs  | 0       | 0      | 19       | 37,800        | 34       | 43,400        | 38       | 48,015        | 40       | 47,464        | 19       | 48,860        | 44       | 48,315        | 41       | 47,680        | 40       | 47,209        | 36       | 47,182        |  |  |
| <b>Research Centers:</b>                                |         |        |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |  |  |
| Spec/Comp.  |         |        | 0        | 0             | 0        | 0             | 4        | 2,730         | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Clinical Research                                       |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Biotechnology   |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Comparative Med.  |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| RCMI  |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Subtotal, Centers                                       | 0       | 0      | 0        | 0             | 0        | 0             | 4        | 2,730         | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| <b>Other Research:</b>                                  |         |        |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |  |  |
| Research Careers  |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Cancer Ed.  |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Coop. Cl.   |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| BRS   |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| MBRS  |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Other   |         |        | 18       | 22,011        | 18       | 23,193        | 18       | 28,746        | 19       | 26,501        | 18       | 26,468        | 18       | 26,076        | 18       | 26,048        | 18       | 25,532        | 18       | 25,913        |  |  |
| Subtotal, Other   | 0       | 0      | 18       | 22,011        | 18       | 23,193        | 18       | 28,746        | 19       | 26,501        | 18       | 26,468        | 18       | 26,076        | 18       | 26,048        | 18       | 25,532        | 18       | 25,913        |  |  |
| Total, Res. Grants                                      | 0       | 0      | 37       | 59,811        | 52       | 66,593        | 60       | 79,491        | 59       | 73,965        | 37       | 75,328        | 62       | 74,391        | 59       | 73,728        | 58       | 72,741        | 54       | 73,095        |  |  |
| <b>Training:</b>  |         |        |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |          |               |  |  |
| Individual  | FITPs:  |        |          |               | FITPs:   |               |          | FITPs:        |          | FITPs:        |          |               | FITPs:   |               | FITPs:   |               |          | FITPs:        |          | FITPs:        |  |  |
| Institutional   |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| Total, Training   | 0       | 0      | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| R & D Contracts (SBIR/STTR)                             |         |        | 1        | 1,460         | 1        | 1,316         | 1        | 1,450         | 1        | 1,450         | 1        | 1,500         | 1        | 1,500         | 1        | 1,456         | 1        | 1,456         | 1        | 1,456         |  |  |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) |         |        | (0)      | (0)           | (0)      | (0)           | (0)      | (0)           | (0)      | (0)           | (0)      | (0)           | (0)      | (0)           | (0)      | (0)           | (0)      | (0)           | (0)      | (0)           |  |  |
| Cancer Control Construction                             |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| B&F   |         |        | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             | 0        | 0             |  |  |
| <b>NIEHS Superfund Total Obligations</b>                |         |        | <b>0</b> | <b>62,850</b> | <b>0</b> | <b>70,212</b> | <b>0</b> | <b>83,515</b> | <b>0</b> | <b>78,300</b> | <b>0</b> | <b>79,836</b> | <b>0</b> | <b>79,101</b> | <b>0</b> | <b>79,111</b> | <b>0</b> | <b>77,531</b> | <b>0</b> | <b>78,070</b> |  |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Totals obligations derive from budget authority received from

discretionary appropriations.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIEHS Superfund

| Mechanism <sup>1</sup>                   | FY 2010   |               | FY 2011   |               | FY 2012   |               | FY 2013   |               | FY 2014   |               | FY 2015   |               | FY 2016   |               | FY 2017   |               | FY 2018   |               | FY 2019   |               |  |
|--|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|--|
|  | No.       | Amount        |  |
| Research Proj.:                          |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| Noncompeting                             | 15        | 24,650        | 14        | 27,727        | 18        | 37,753        | 19        | 36,584        | 13        | 32,557        | 20        | 35,689        | 21        | 33,814        | 8         | 1,494         | 1         | 180           | 1         | 154           |  |
| Admin. Supp.                             | (13)      | 7,367         | (13)      | 6,972         | (6)       | 416           | (16)      | 751           | (16)      | 762           | (19)      | 1,053         | (16)      | 10,300        | (1)       | 7             | (3)       | 293           | (4)       | 337           |  |
| Competing                                | 5         | 13,366        | 8         | 10,806        | 4         | 8,264         | 2         | 5,973         | 11        | 11,429        | 5         | 7,602         | 0         | 0             | 0         | 0             | 1         | 269           | 0         | 0             |  |
| Subtotal, RPGs                           | 20        | 45,383        | 22        | 45,505        | 22        | 46,433        | 21        | 43,308        | 24        | 44,748        | 25        | 44,344        | 21        | 44,113        | 8         | 1,502         | 2         | 742           | 1         | 491           |  |
| SBIR/STTR                                | 9         | 2,120         | 12        | 2,158         | 12        | 2,285         | 11        | 2,235         | 10        | 1,937         | 11        | 2,492         | 9         | 2,588         | 9         | 2,328         | 11        | 2,682         | 12        | 2,544         |  |
| Subtotal, RPGs                           | 29        | 47,503        | 34        | 47,663        | 34        | 48,718        | 32        | 45,543        | 34        | 46,685        | 36        | 46,836        | 30        | 46,701        | 17        | 3,830         | 13        | 3,424         | 13        | 3,035         |  |
| <b>Research Centers:</b>                 |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| Spec/Comp.                               | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Clinical Research                        | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Biotechnology                            | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Comparative Med.                         | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 21        | 43,022        | 18        | 43,276        | 15        | 43,739        |  |
| RCMI                                     | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Subtotal, Centers                        | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 21        | 43,022        | 18        | 43,276        | 15        | 43,739        |  |
| <b>Other Research:</b>                   |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| Research Careers                         | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Cancer Ed.                               | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Coop. Cl.                                | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| BRS                                      | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| MBRS                                     | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Other                                    | 20        | 26,353        | 20        | 26,315        | 20        | 26,315        | 27        | 25,483        | 32        | 26,704        | 25        | 26,398        | 32        | 26,480        | 26        | 26,359        | 30        | 26,564        | 30        | 28,030        |  |
| Subtotal, Other                          | 20        | 26,353        | 20        | 26,315        | 20        | 26,315        | 27        | 25,483        | 32        | 26,704        | 25        | 26,398        | 32        | 26,480        | 26        | 26,359        | 30        | 26,564        | 30        | 28,030        |  |
| <b>Total, Res. Grants</b>                | <b>49</b> | <b>73,856</b> | <b>54</b> | <b>73,978</b> | <b>54</b> | <b>75,033</b> | <b>59</b> | <b>71,026</b> | <b>66</b> | <b>73,389</b> | <b>61</b> | <b>73,234</b> | <b>62</b> | <b>73,181</b> | <b>64</b> | <b>73,211</b> | <b>61</b> | <b>73,264</b> | <b>58</b> | <b>74,804</b> |  |
| <b>Training:</b>                         |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| Individual                               | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Institutional                            | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Total, Training                          | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| R & D Contracts (SBIR/STTR)              | 1         | 1,456         | 1         | 1,056         | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             | 0         | 0             |  |
| Intramural Research                      |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| Res. Mgmt and Support (SBIR Admin.)      |           | 3,889         |           | 4,011         |           | 3,887         |           | 3,838         |           | 3,956         |           | 4,098         |           | 4,071         |           | 4,126         |           | 4,078         |           | 4,184         |  |
| Cancer Control                           |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| Construction                             |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| B&F                                      |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |           |               |  |
| <b>NIEHS Superfund Total Obligations</b> |           | <b>79,201</b> |           | <b>79,045</b> |           | <b>78,920</b> |           | <b>74,864</b> |           | <b>77,345</b> |           | <b>77,332</b> |           | <b>77,252</b> |           | <b>77,337</b> |           | <b>77,342</b> |           | <b>78,988</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Totals obligations derive from budget authority received from

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIEHS Superfund

| Mechanism <sup>1</sup>                   | FY 2020 |               | FY 2021 |               | FY 2022 |               | FY 2023 |               | FY 2024 |               |
|--|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|
|  | No.     | Amount        |
| Research Proj.:                          |         |               |         |               |         |               |         |               |         |               |
| Noncompeting                             | 0       | 0             | 1       | 123           | 10      | 2,582         | 11      | 2,652         | 10      | 2,945         |
| Admin. Supp.                             | (0)     | 0             | (2)     | 65            | (3)     | 93            | (5)     | 192           | (2)     | 30            |
| Competing                                | 1       | 246           | 10      | 2,840         | 2       | 465           | 2       | 1,077         | 0       | 0             |
| Subtotal, RPGs                           | 1       | 246           | 11      | 3,028         | 12      | 3,139         | 13      | 3,920         | 10      | 2,974         |
| SBIR/STTR                                | 12      | 3,194         | 10      | 2,918         | 9       | 2,603         | 11      | 2,827         | 9       | 2,527         |
| Subtotal, RPGs                           | 13      | 3,440         | 21      | 5,945         | 21      | 5,742         | 24      | 6,747         | 19      | 5,502         |
| <b>Research Centers:</b>                 |         | 0             |         | 0             |         | 0             |         | 0             |         | 0             |
| Spec/Comp.                               | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Clinical Research                        | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Biotechnology                            | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Comparative Med.                         | 21      | 45,360        | 21      | 42,017        | 22      | 43,860        | 22      | 43,482        | 22      | 41,861        |
| RCMI                                     | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Subtotal, Centers                        | 21      | 45,360        | 21      | 42,017        | 22      | 43,860        | 22      | 43,482        | 22      | 41,861        |
| <b>Other Research:</b>                   |         | 0             |         | 0             |         | 0             |         | 0             |         | 0             |
| Research Careers                         | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Cancer Ed.                               | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Coop. Cl.                                | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| BRS                                      | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| MBRS                                     | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Other                                    | 23      | 28,109        | 31      | 28,983        | 28      | 28,326        | 26      | 28,166        | 30      | 27,452        |
| Subtotal, Other                          | 23      | 28,109        | 31      | 28,983        | 28      | 28,326        | 26      | 28,166        | 30      | 27,452        |
| Total, Res. Grants                       | 57      | 76,909        | 73      | 76,946        | 71      | 77,928        | 72      | 78,395        | 71      | 74,814        |
| <b>Training:</b>                         |         | 0             |         | 0             |         | 0             |         | 0             |         | 0             |
| Individual                               | FTIPs   | 0             |
| Institutional                            | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Total, Training                          | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| <b>R &amp; D Contracts</b>               |         | 0             |         | 0             |         | 0             |         | 0             |         | 0             |
| (SBIR/STTR)                              | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           |
| Intramural Research                      | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Res. Mgmt and Support                    | 0       | 4,084         | 0       | 4,542         | 0       | 4,605         | 0       | 4,629         | 0       | 4,892         |
| (SBIR Admin.)                            | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           |
| Cancer Control                           | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Construction                             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| B&F                                      | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| <b>NIEHS Superfund Total Obligations</b> |         | <b>80,993</b> |         | <b>81,488</b> |         | <b>82,533</b> |         | <b>83,024</b> |         | <b>79,706</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable. Totals obligations derive from budget authority received from

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIA

| Mechanism <sup>1</sup>              | FY 2000 |                | FY 2001 |                | FY 2002 |                | FY 2003 |                | FY 2004 |                  | FY 2005 |                  | FY 2006 |                  | FY 2007 |                  | FY 2008 |                  | FY 2009 |                  |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|
|                                     | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Noncompeting                        | 741     | 296,268        | 787     | 344,309        | 916     | 425,093        | 950     | 468,835        | 971     | 493,437          | 1,086   | 535,182          | 1,058   | 506,805          | 1,073   | 505,484          | 1,137   | 504,108          | 1,077   | 483,993          |  |
| Admin. Supp.                        | (116)   | 8,956          | (136)   | 12,118         | (127)   | 14,645         | (141)   | 11,157         | (103)   | 7,079            | (118)   | 15,171           | (115)   | 13,904           | (93)    | 7,751            | (112)   | 11,135           | (103)   | 14,935           |  |
| Competing                           | 394     | 135,351        | 484     | 151,414        | 399     | 134,144        | 411     | 159,884        | 419     | 166,194          | 376     | 129,003          | 409     | 146,397          | 472     | 157,088          | 391     | 153,477          | 364     | 190,397          |  |
| Subtotal, RPGs                      | 1,135   | 440,575        | 1,271   | 507,841        | 1,315   | 573,882        | 1,361   | 639,876        | 1,390   | 666,710          | 1,462   | 679,356          | 1,467   | 667,106          | 1,545   | 670,323          | 1,528   | 668,720          | 1,441   | 689,325          |  |
| SBIR/STTR                           | 55      | 15,006         | 67      | 18,050         | 65      | 20,220         | 90      | 22,525         | 87      | 24,535           | 81      | 25,115           | 75      | 24,977           | 73      | 25,365           | 66      | 25,169           | 72      | 26,061           |  |
| Subtotal, RPGs                      | 1,190   | 455,581        | 1,338   | 525,891        | 1,380   | 594,102        | 1,451   | 662,401        | 1,477   | 691,245          | 1,543   | 704,471          | 1,542   | 692,083          | 1,618   | 695,688          | 1,594   | 693,889          | 1,513   | 715,386          |  |
| Research Centers:                   |         |                |         |                |         |                |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Spec/Comp.                          | 66      | 71,770         | 66      | 73,388         | 65      | 78,413         | 66      | 84,119         | 76      | 82,825           | 77      | 82,702           | 74      | 82,378           | 74      | 82,960           | 74      | 83,232           | 78      | 86,108           |  |
| Clinical Research                   | 0       | 0              | 0       | 736            | 0       | 736            | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Biotechnology                       | 0       | 0              | 0       | 538            | 0       | 538            | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Comparative Med.                    | 0       | 0              | 0       | 381            | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 1,043            | 0       | 646              | 0       | 653              | 0       | 678              | 0       | 697              |  |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                   | 66      | 71,770         | 66      | 74,505         | 65      | 79,687         | 66      | 84,119         | 76      | 82,825           | 77      | 83,745           | 74      | 83,024           | 74      | 83,613           | 74      | 83,910           | 78      | 86,805           |  |
| Other Research:                     |         |                |         |                |         |                |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Research Careers                    | 158     | 15,561         | 158     | 17,915         | 174     | 20,882         | 193     | 23,713         | 192     | 25,022           | 199     | 25,791           | 204     | 27,028           | 222     | 28,434           | 223     | 28,551           | 228     | 29,455           |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Coop. Cl.                           | 3       | 1,616          | 5       | 2,437          | 5       | 2,208          | 3       | 1,776          | 3       | 1,728            | 2       | 994              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS                                | 0       | 1,173          | 0       | 1,215          | 0       | 1,240          | 0       | 1,290          | 0       | 1,338            | 0       | 1,338            | 0       | 1,323            | 0       | 689              | 0       | 421              | 0       | 70               |  |
| Other                               | 27      | 2,660          | 28      | 2,947          | 32      | 6,570          | 23      | 6,468          | 29      | 6,561            | 29      | 7,247            | 26      | 5,212            | 31      | 4,654            | 26      | 4,494            | 38      | 4,906            |  |
| Subtotal, Other                     | 188     | 21,010         | 191     | 24,514         | 211     | 30,900         | 219     | 33,247         | 224     | 34,649           | 230     | 35,370           | 230     | 33,563           | 253     | 33,777           | 249     | 33,466           | 266     | 34,431           |  |
| Total, Res. Grants                  | 1,444   | 548,361        | 1,595   | 624,910        | 1,656   | 704,689        | 1,736   | 779,767        | 1,777   | 808,719          | 1,850   | 823,586          | 1,846   | 808,670          | 1,945   | 813,078          | 1,917   | 811,265          | 1,857   | 836,622          |  |
| Training:                           |         |                |         |                |         |                |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Individual                          | 52      | 1,752          | 61      | 2,214          | 59      | 2,400          | 64      | 2,612          | 62      | 2,610            | 52      | 2,276            | 52      | 2,378            | 95      | 3,747            | 119     | 4,492            | 144     | 5,363            |  |
| Institutional                       | 499     | 15,557         | 491     | 17,176         | 512     | 18,684         | 506     | 20,052         | 482     | 20,847           | 560     | 20,688           | 482     | 20,676           | 469     | 20,026           | 462     | 18,790           | 431     | 18,537           |  |
| Total, Training                     | 551     | 17,309         | 552     | 19,390         | 571     | 21,084         | 570     | 22,664         | 544     | 23,457           | 612     | 22,946           | 612     | 22,364           | 564     | 23,773           | 581     | 23,282           | 575     | 23,900           |  |
| R & D Contracts (SBIR/STTR)         | 61      | 29,641         | 54      | 39,990         | 72      | 48,401         | 114     | 61,455         | 132     | 56,396           | 147     | 62,336           | 109     | 63,987           | 107     | 67,008           | 122     | 68,544           | 120     | 67,330           |  |
|                                     | (1)     | (497)          | (1)     | (50)           | (0)     | (0)            | (0)     | (0)            | (0)     | (0)              | (0)     | (57)             | (0)     | (55)             | (0)     | (59)             | (1)     | (59)             | (1)     | (44)             |  |
| Intramural Research                 |         | 67,574         |         | 74,766         |         | 87,193         |         | 96,798         |         | 99,454           |         | 102,805          |         | 102,607          |         | 102,566          |         | 108,217          |         | 110,838          |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 22,810         |         | 26,357         |         | 29,915         |         | 32,911         |         | 33,350           |         | 34,248           |         | 38,241           |         | 39,043           |         | 39,690           |         | 40,314           |  |
| Cancer Control                      |         | 0              |         | 0              |         | 0              |         | 0              |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| <b>NIA Total Obligations</b>        |         | <b>685,695</b> |         | <b>785,413</b> |         | <b>891,282</b> |         | <b>993,595</b> |         | <b>1,021,376</b> |         | <b>1,045,339</b> |         | <b>1,036,559</b> |         | <b>1,045,468</b> |         | <b>1,050,998</b> |         | <b>1,079,004</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIA

| Mechanism <sup>1</sup>              | FY 2010    |                  | FY 2011    |                  | FY 2012    |                  | FY 2013    |                  | FY 2014    |                  | FY 2015    |                  | FY 2016    |                  | FY 2017    |                  | FY 2018    |                  | FY 2019    |                  |  |
|-------------------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|
|                                     | No.        | Amount           |  |
| Research Proj.:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Noncompeting                        | 1,041      | 562,486          | 1,005      | 538,823          | 1,063      | 558,938          | 984        | 498,055          | 958        | 492,292          | 899        | 493,021          | 927        | 570,538          | 1,082      | 703,884          | 1,306      | 846,439          | 1,572      | 1,063,756        |  |
| Admin. Supp.                        | (80)       | 13,256           | (69)       | 6,357            | (91)       | 17,373           | (79)       | 10,715           | (106)      | 10,438           | (90)       | 14,214           | (145)      | 25,621           | (173)      | 43,719           | (570)      | 177,065          | (506)      | 172,109          |  |
| Competing                           | 309        | 142,531          | 395        | 158,082          | 314        | 140,500          | 365        | 149,140          | 385        | 260,875          | 452        | 271,222          | 624        | 525,306          | 812        | 759,673          | 937        | 909,452          | 1,051      | 1,050,947        |  |
| Subtotal, RPGs                      | 1,350      | 718,273          | 1,400      | 703,262          | 1,377      | 716,811          | 1,349      | 657,910          | 1,343      | 763,605          | 1,351      | 778,456          | 1,551      | 1,121,464        | 1,894      | 1,507,275        | 2,243      | 1,932,956        | 2,623      | 2,286,812        |  |
| SBIR/STTR                           | 70         | 26,843           | 62         | 26,457           | 84         | 28,484           | 66         | 26,876           | 80         | 32,084           | 76         | 32,383           | 97         | 49,392           | 139        | 67,260           | 180        | 87,483           | 151        | 103,273          |  |
| Subtotal, RPGs                      | 1,420      | 745,116          | 1,462      | 729,719          | 1,461      | 745,295          | 1,415      | 684,786          | 1,423      | 795,689          | 1,427      | 810,840          | 1,648      | 1,170,856        | 2,033      | 1,574,535        | 2,423      | 2,020,439        | 2,774      | 2,390,085        |  |
| Research Centers:                   |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Spec/Comp.                          | 78         | 90,476           | 78         | 88,173           | 79         | 87,698           | 78         | 81,648           | 78         | 90,653           | 82         | 92,301           | 88         | 113,608          | 88         | 115,435          | 102        | 133,824          | 107        | 186,733          |  |
| Clinical Research                   | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Biotechnology                       | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 488              | 0          | 0                | 0          | 1,029            |  |
| Comparative Med.                    | 0          | 715              | 0          | 1,208            | 0          | 1,208            | 0          | 1,040            | 0          | 1,146            | 0          | 1,021            | 0          | 523              | 0          | 531              | 0          | 567              | 0          | 4,365            |  |
| RCMI                                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Subtotal, Centers                   | 78         | 91,191           | 78         | 89,381           | 79         | 88,906           | 78         | 82,688           | 78         | 91,799           | 82         | 93,321           | 88         | 114,130          | 88         | 116,454          | 102        | 134,391          | 107        | 192,127          |  |
| Other Research:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Research Careers                    | 234        | 30,182           | 215        | 28,442           | 218        | 28,883           | 195        | 26,026           | 199        | 27,355           | 212        | 29,681           | 244        | 34,256           | 268        | 39,128           | 301        | 45,355           | 320        | 49,976           |  |
| Cancer Ed.                          | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Coop. Cl.                           | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| BRS                                 | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| MBRS                                | 0          | 70               | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Other                               | 35         | 4,903            | 52         | 5,031            | 41         | 7,981            | 49         | 7,626            | 52         | 12,157           | 54         | 12,329           | 68         | 18,928           | 71         | 23,181           | 83         | 50,906           | 94         | 76,825           |  |
| Subtotal, Other                     | 269        | 35,155           | 267        | 33,473           | 259        | 36,864           | 244        | 33,652           | 251        | 39,512           | 266        | 42,010           | 312        | 53,184           | 339        | 62,308           | 384        | 96,261           | 414        | 126,801          |  |
| Total, Res. Grants                  | 1,767      | 871,462          | 1,807      | 852,573          | 1,799      | 871,065          | 1,737      | 801,127          | 1,752      | 927,001          | 1,775      | 946,171          | 2,048      | 1,338,171        | 2,460      | 1,753,298        | 2,909      | 2,251,091        | 3,295      | 2,709,014        |  |
| Training:                           |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |
| Individual                          | FTIPs: 140 | 5,148            | FTIPs: 187 | 7,232            | FTIPs: 190 | 7,397            | FTIPs: 170 | 6,729            | FTIPs: 150 | 6,430            | FTIPs: 134 | 5,653            | FTIPs: 119 | 5,571            | FTIPs: 132 | 5,813            | FTIPs: 128 | 5,981            | FTIPs: 175 | 8,285            |  |
| Institutional                       | 416        | 18,718           | 440        | 17,595           | 420        | 17,359           | 389        | 16,121           | 388        | 17,176           | 408        | 19,375           | 381        | 19,679           | 418        | 20,634           | 473        | 24,622           | 482        | 25,685           |  |
| Total, Training                     | 556        | 23,866           | 627        | 24,827           | 610        | 24,756           | 559        | 22,849           | 538        | 23,606           | 542        | 25,028           | 500        | 25,250           | 550        | 26,447           | 601        | 30,603           | 657        | 33,970           |  |
| R & D Contracts (SBIR/STTR)         | 100        | 57,086           | 133        | 65,068           | 123        | 64,545           | 103        | 59,841           | 81         | 59,052           | 102        | 57,520           | 72         | 55,742           | 0          | 67,089           | 56         | 76,995           | 57         | 91,614           |  |
|                                     | (1)        | (53)             | (1)        | (40)             | (5)        | (61)             | (2)        | (177)            | (4)        | (349)            | (4)        | (1,779)          | (4)        | (336)            | (0)        | (735)            | (0)        | (175)            | (0)        | (925)            |  |
| Intramural Research                 |            | 114,465          |            | 115,525          |            | 118,601          |            | 236              |            | 115,235          |            | 235              |            | 124,096          |            | 247              |            | 148,224          |            | 228              |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 41,329           |            | 42,452           |            | 42,373           |            | 159              |            | 41,513           |            | 157              |            | 44,644           |            | 156              |            | 53,734           |            | 189              |  |
| Cancer Control                      |            | 0                |            | 0                |            | 0                |            | (0)              |            | (0)              |            | (0)              |            | (0)              |            | (0)              |            | (11,088)         |            | (0)              |  |
| Construction                        |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| B&F                                 |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |
| <b>NIA Total Obligations</b>        |            | <b>1,108,208</b> |            | <b>1,100,445</b> |            | <b>1,121,340</b> |            | <b>1,040,565</b> |            | <b>1,171,656</b> |            | <b>1,197,469</b> |            | <b>1,596,005</b> |            | <b>2,048,792</b> |            | <b>2,571,438</b> |            | <b>3,080,043</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIA

| Mechanism <sup>1</sup>       | FY 2020      |                  | FY 2021      |                  | FY 2022      |                  | FY 2023      |                  | FY 2024      |                  |     |         |
|------------------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|-----|---------|
|                              | No.          | Amount           |     |         |
| Research Proj.:              |              |                  |              |                  |              |                  |              |                  |              |                  |     |         |
| Noncompeting                 | 1,824        | 1,404,513        | 1,955        | 1,669,097        | 2,040        | 1,768,007        | 2,163        | 2,005,333        | 2,500        | 2,264,034        |     |         |
| Admin. Supp.                 | (598)        | 218,427          | (493)        | 147,796          | (482)        | 152,374          | (428)        | 136,485          | (296)        | 58,000           |     |         |
| Competing                    | 1,073        | 970,302          | 1,073        | 1,000,775        | 1,158        | 1,154,204        | 1,057        | 1,021,101        | 922          | 857,428          |     |         |
| Subtotal, RPGs               | 2,897        | 2,593,242        | 3,028        | 2,817,668        | 3,198        | 3,074,585        | 3,220        | 3,162,919        | 3,422        | 3,179,462        |     |         |
| SBIR/STTR                    | 141          | 121,365          | 173          | 129,899          | 175          | 138,870          | 181          | 144,788          | 175          | 144,110          |     |         |
| Subtotal, RPGs               | 3,038        | 2,714,607        | 3,201        | 2,947,566        | 3,373        | 3,213,455        | 3,401        | 3,307,706        | 3,597        | 3,323,572        |     |         |
| <b>Research Centers:</b>     |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |     |         |
| Spec/Comp.                   | 124          | 233,961          | 129          | 258,765          | 129          | 258,705          | 123          | 269,581          | 125          | 266,604          |     |         |
| Clinical Research            | 0            | 81               | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |     |         |
| Biotechnology                | 0            | 971              | 0            | 1,114            | 0            | 0                | 0            | 817              | 0            | 355              |     |         |
| Comparative Med.             | 0            | 3,047            | 0            | 3,684            | 0            | 3,467            | 0            | 3,651            | 0            | 1,941            |     |         |
| RCMI                         | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |     |         |
| Subtotal, Centers            | 124          | 238,059          | 129          | 263,563          | 129          | 262,171          | 123          | 274,049          | 125          | 268,900          |     |         |
| <b>Other Research:</b>       |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |     |         |
| Research Careers             | 375          | 59,685           | 438          | 71,886           | 500          | 81,211           | 544          | 82,961           | 565          | 86,182           |     |         |
| Cancer Ed.                   | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |     |         |
| Coop. Cl.                    | 0            | 0                | 0            | 243              | 0            | 0                | 0            | 0                | 0            | 0                |     |         |
| BRS                          | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 120              | 2            | 885              |     |         |
| MBRS                         | 0            | 0                | 0            | 1,099            | 0            | 1,046            | 0            | 1,038            | 0            | 1,030            |     |         |
| Other                        | 128          | 77,959           | 148          | 109,994          | 158          | 125,343          | 159          | 144,308          | 187          | 155,866          |     |         |
| Subtotal, Other              | 503          | 137,643          | 586          | 183,221          | 658          | 207,599          | 703          | 228,428          | 754          | 243,962          |     |         |
| <b>Total, Res. Grants</b>    | <b>3,665</b> | <b>3,090,310</b> | <b>3,916</b> | <b>3,394,350</b> | <b>4,160</b> | <b>3,683,225</b> | <b>4,227</b> | <b>3,810,184</b> | <b>4,476</b> | <b>3,836,435</b> |     |         |
| <b>Training:</b>             |              |                  |              |                  |              |                  |              |                  |              |                  |     |         |
| Individual                   | FTIPs        | 189              | 8,695        | ETIPs            | 235          | 11,521           | ETIPs        | 268              | 12,839       | ETIPs            | 292 | 14,102  |
| Institutional                |              | 487              | 26,710       |                  | 525          | 32,272           |              | 575              | 33,436       |                  | 591 | 35,742  |
| Total, Training              |              | 676              | 35,405       |                  | 760          | 43,793           |              | 843              | 46,275       |                  | 883 | 49,844  |
| <b>R &amp; D Contracts</b>   |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                | 0   |         |
| (SBIR/STTR)                  |              | 54               | 107,968      |                  | 51           | 140,947          |              | 49               | 157,692      |                  | 45  | 171,580 |
|                              |              | (0)              | (1,041)      |                  | (0)          | (1,154)          |              | (4)              | (2,890)      |                  | (3) | (2,306) |
|                              |              | 0                | 0            |                  | 0            | 0                |              | 0                | 0            |                  | 0   |         |
| Intramural Research          |              | 235              | 219,940      |                  | 251          | 205,946          |              | 245              | 212,753      |                  | 254 | 231,279 |
| Res. Mgmt and Support        |              | 203              | 92,192       |                  | 232          | 103,153          |              | 273              | 122,623      |                  | 330 | 149,180 |
| (SBIR Admin.)                |              | (0)              | (1,626)      |                  | (0)          | (1,505)          |              | (0)              | (2,274)      |                  | (0) | (2,416) |
| Cancer Control               |              | 0                | 0            |                  | 0            | 0                |              | 0                | 0            |                  | 0   |         |
| Construction                 |              | 0                | 0            |                  | 0            | 0                |              | 0                | 0            |                  | 0   |         |
| B&F                          |              | 0                | 0            |                  | 0            | 0                |              | 0                | 0            |                  | 0   |         |
| <b>NIA Total Obligations</b> |              | <b>3,545,814</b> |              | <b>3,888,190</b> |              | <b>4,222,568</b> |              | <b>4,412,066</b> |              | <b>4,511,977</b> |     |         |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIAMS

| Mechanism <sup>1</sup>                 | FY 2000      |                | FY 2001      |                | FY 2002      |                | FY 2003      |                | FY 2004      |                | FY 2005      |                | FY 2006      |                | FY 2007      |                | FY 2008      |                | FY 2009      |                |  |
|--|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--|
|  | No.          | Amount         |  |
| <b>Research Proj.:</b>                 |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |  |
| Noncompeting                           | 628          | 162,532        | 639          | 171,908        | 705          | 205,346        | 739          | 228,178        | 760          | 251,048        | 741          | 249,225        | 734          | 244,057        | 751          | 245,802        | 758          | 241,710        | 756          | 250,439        |  |
| Admin. Supp.                           | (34)         | 2,232          | (35)         | 2,349          | (58)         | 3,168          | (45)         | 3,205          | (25)         | 1,272          | (28)         | 1,515          | (22)         | 1,570          | (26)         | 1,231          | (28)         | 1,661          | (20)         | 2,547          |  |
| Competing                              | 238          | 62,278         | 281          | 77,244         | 257          | 74,806         | 242          | 75,109         | 245          | 73,147         | 244          | 74,842         | 247          | 77,412         | 261          | 75,954         | 253          | 78,822         | 238          | 78,880         |  |
| Subtotal, RPGs                         | 866          | 227,042        | 920          | 251,501        | 962          | 283,320        | 981          | 306,492        | 1,005        | 325,467        | 985          | 325,582        | 981          | 323,039        | 1,012        | 322,987        | 1,011        | 322,193        | 994          | 331,866        |  |
| SBIR/STTR                              | 37           | 7,924          | 44           | 9,063          | 35           | 9,938          | 44           | 10,781         | 52           | 11,737         | 55           | 11,929         | 51           | 11,874         | 40           | 12,067         | 46           | 11,983         | 36           | 12,380         |  |
| Subtotal, RPGs                         | 903          | 234,966        | 964          | 260,564        | 997          | 293,258        | 1,025        | 317,273        | 1,057        | 337,204        | 1,040        | 337,511        | 1,032        | 334,913        | 1,052        | 335,054        | 1,057        | 334,176        | 1,030        | 344,246        |  |
| <b>Research Centers:</b>               |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |  |
| Spec/Comp.                             | 29           | 32,303         | 37           | 35,684         | 36           | 35,442         | 37           | 39,352         | 37           | 37,478         | 38           | 40,638         | 38           | 38,002         | 38           | 40,684         | 39           | 40,759         | 40           | 41,102         |  |
| Clinical Research                      | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |  |
| Biotechnology                          | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |  |
| Comparative Med.                       | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 30             |  |
| RCMI                                   | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |  |
| Subtotal, Centers                      | 29           | 32,303         | 37           | 35,684         | 36           | 35,442         | 37           | 39,352         | 37           | 37,478         | 38           | 40,638         | 38           | 38,002         | 38           | 40,684         | 39           | 40,759         | 40           | 41,132         |  |
| <b>Other Research:</b>                 |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |  |
| Research Careers                       | 90           | 9,942          | 108          | 12,226         | 119          | 13,616         | 129          | 14,625         | 138          | 15,888         | 137          | 15,857         | 142          | 16,762         | 149          | 17,898         | 158          | 19,031         | 152          | 18,510         |  |
| Cancer Ed.                             | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |  |
| Coop. Cl.                              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |  |
| BRS                                    | 0            | 0              | 0            | 0              | 0            | 400            | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              | 0            | 0              |  |
| MBRS                                   | 0            | 652            | 3            | 1,189          | 4            | 1,001          | 4            | 1,122          | 4            | 1,150          | 3            | 892            | 1            | 237            | 0            | 0              | 0            | 0              | 0            | 0              |  |
| Other                                  | 24           | 2,126          | 28           | 2,559          | 21           | 3,779          | 28           | 3,095          | 25           | 2,313          | 35           | 3,125          | 27           | 2,262          | 22           | 2,602          | 21           | 2,958          | 32           | 3,150          |  |
| Subtotal, Other                        | 114          | 12,720         | 139          | 15,974         | 144          | 18,796         | 161          | 18,842         | 167          | 19,351         | 175          | 19,874         | 170          | 19,261         | 171          | 20,500         | 179          | 21,989         | 184          | 21,660         |  |
| <b>Total, Res. Grants</b>              | <b>1,046</b> | <b>279,989</b> | <b>1,140</b> | <b>312,222</b> | <b>1,177</b> | <b>347,496</b> | <b>1,223</b> | <b>375,467</b> | <b>1,261</b> | <b>394,033</b> | <b>1,253</b> | <b>398,023</b> | <b>1,240</b> | <b>392,176</b> | <b>1,261</b> | <b>396,238</b> | <b>1,275</b> | <b>396,924</b> | <b>1,254</b> | <b>407,038</b> |  |
| <b>Training:</b>                       |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |  |
| Individual                             | 56           | 1,931          | 59           | 2,263          | 56           | 2,460          | 49           | 2,069          | 44           | 1,988          | 47           | 2,131          | 69           | 3,214          | 57           | 2,630          | 64           | 2,927          | 64           | 3,010          |  |
| Institutional                          | 191          | 7,306          | 212          | 8,478          | 233          | 10,585         | 244          | 11,207         | 252          | 11,390         | 270          | 12,028         | 251          | 11,687         | 262          | 12,816         | 259          | 12,262         | 257          | 12,385         |  |
| Total, Training                        | 247          | 9,237          | 271          | 10,741         | 289          | 13,045         | 293          | 13,276         | 296          | 13,378         | 317          | 14,159         | 320          | 14,901         | 319          | 15,446         | 323          | 15,189         | 321          | 15,395         |  |
| <b>R &amp; D Contracts (SBIR/STTR)</b> | <b>34</b>    | <b>14,587</b>  | <b>29</b>    | <b>18,601</b>  | <b>56</b>    | <b>20,969</b>  | <b>64</b>    | <b>29,196</b>  | <b>63</b>    | <b>22,276</b>  | <b>67</b>    | <b>23,526</b>  | <b>55</b>    | <b>21,857</b>  | <b>57</b>    | <b>20,746</b>  | <b>58</b>    | <b>20,598</b>  | <b>55</b>    | <b>21,989</b>  |  |
| Intramural Research                    |              | 33,491         |              | 40,327         |              | 47,848         |              | 47,706         |              | 48,859         |              | 50,634         |              | 50,618         |              | 50,862         |              | 52,915         |              | 54,124         |  |
| Res. Mgmt and Support (SBIR Admin.)    |              | 12,251         |              | 14,414         |              | 18,324         |              | 20,386         |              | 20,822         |              | 21,501         |              | 23,402         |              | 24,000         |              | 24,732         |              | 25,341         |  |
| Cancer Control Construction            |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |              | 0              |  |
| B&F                                    |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |  |
| <b>NIAMS Total Obligations</b>         |              | <b>349,555</b> |              | <b>396,305</b> |              | <b>447,682</b> |              | <b>486,031</b> |              | <b>499,368</b> |              | <b>507,843</b> |              | <b>502,954</b> |              | <b>507,292</b> |              | <b>510,358</b> |              | <b>523,887</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIAMS

| Mechanism <sup>1</sup>              | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |                | FY 2019 |                |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|                                     | No.     | Amount         |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                        | 699     | 242,415        | 775     | 261,350        | 749     | 266,259        | 732     | 246,807        | 698     | 242,521        | 666     | 233,630        | 688     | 247,063        | 663     | 250,247        | 739     | 280,158        | 730     | 286,711        |  |
| Admin. Supp.                        | (26)    | 2,222          | (19)    | 1,242          | (20)    | 1,019          | (22)    | 1,090          | (15)    | 771            | (28)    | 2,444          | (43)    | 3,114          | (30)    | 3,071          | (39)    | 3,072          | (35)    | 2,218          |  |
| Competing                           | 301     | 93,887         | 228     | 76,962         | 234     | 74,158         | 260     | 74,149         | 284     | 86,021         | 279     | 92,928         | 251     | 88,771         | 272     | 97,655         | 266     | 95,969         | 271     | 100,630        |  |
| Subtotal, RPGs                      | 1,000   | 338,524        | 1,003   | 339,554        | 983     | 341,436        | 992     | 322,046        | 982     | 329,313        | 945     | 329,001        | 939     | 338,949        | 935     | 350,974        | 1,005   | 379,199        | 1,001   | 389,559        |  |
| SBIR/STTR                           | 37      | 12,734         | 27      | 12,572         | 32      | 13,261         | 42      | 12,814         | 43      | 13,832         | 43      | 14,280         | 34      | 15,579         | 39      | 16,840         | 47      | 17,853         | 44      | 18,232         |  |
| Subtotal, RPGs                      | 1,037   | 351,258        | 1,030   | 352,126        | 1,015   | 354,697        | 1,034   | 334,860        | 1,025   | 343,145        | 988     | 343,281        | 973     | 354,527        | 974     | 367,814        | 1,052   | 397,051        | 1,045   | 407,791        |  |
| Research Centers:                   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                          | 40      | 41,820         | 40      | 41,578         | 42      | 41,533         | 40      | 40,817         | 42      | 42,688         | 42      | 43,091         | 41      | 45,575         | 42      | 44,731         | 39      | 40,872         | 41      | 42,859         |  |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Comparative Med.                    | 0       | 30             | 0       | 29             | 0       | 29             | 0       | 29             | 0       | 29             | 0       | 29             | 0       | 29             | 0       | 29             | 0       | 50             | 0       | 50             |  |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 40      | 41,850         | 40      | 41,607         | 42      | 41,562         | 40      | 40,846         | 42      | 42,717         | 42      | 43,120         | 41      | 45,604         | 42      | 44,760         | 39      | 40,922         | 41      | 42,909         |  |
| Other Research:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                    | 150     | 18,745         | 155     | 19,480         | 154     | 19,330         | 155     | 19,490         | 150     | 18,923         | 144     | 18,118         | 142     | 20,570         | 136     | 19,792         | 141     | 20,750         | 138     | 20,740         |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                | 0       | 0              | 0       | 0              | 0       | 264            | 0       | 264            | 0       | 195            | 0       | 195            | 0       | 195            | 0       | 195            | 0       | 250            | 0       | 250            |  |
| Other                               | 34      | 3,001          | 29      | 3,146          | 25      | 3,045          | 33      | 2,788          | 25      | 3,197          | 25      | 2,919          | 31      | 2,869          | 26      | 2,653          | 28      | 2,586          | 33      | 2,604          |  |
| Subtotal, Other                     | 184     | 21,746         | 184     | 22,626         | 179     | 22,639         | 188     | 22,542         | 175     | 22,315         | 169     | 21,232         | 173     | 23,634         | 162     | 22,640         | 169     | 23,586         | 171     | 23,593         |  |
| Total, Res. Grants                  | 1,261   | 414,854        | 1,254   | 416,359        | 1,236   | 418,898        | 1,262   | 398,249        | 1,242   | 408,176        | 1,199   | 407,633        | 1,187   | 423,765        | 1,178   | 435,214        | 1,260   | 461,559        | 1,257   | 474,293        |  |
| Training:                           |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                          | 68      | 3,292          | 63      | 3,121          | 59      | 2,973          | 55      | 2,750          | 62      | 2,998          | 64      | 3,006          | 67      | 3,140          | 73      | 3,480          | 61      | 2,996          | 65      | 3,107          |  |
| Institutional                       | 244     | 12,262         | 249     | 12,551         | 237     | 12,112         | 236     | 11,870         | 224     | 11,915         | 222     | 11,726         | 227     | 12,709         | 225     | 12,763         | 220     | 11,924         | 213     | 12,684         |  |
| Total, Training                     | 312     | 15,554         | 312     | 15,672         | 296     | 15,085         | 291     | 14,621         | 286     | 14,913         | 286     | 14,732         | 294     | 15,850         | 298     | 16,243         | 281     | 14,920         | 278     | 15,791         |  |
| R & D Contracts (SBIR/STTR)         | 55      | 25,920         | 51      | 20,094         | 48      | 18,792         | 38      | 12,617         | 37      | 15,108         | 45      | 16,163         | 39      | 14,919         | 37      | 16,122         | 37      | 15,676         | 41      | 16,939         |  |
|                                     | (0)     | (25)           | (0)     | (19)           | (0)     | (28)           | (0)     | (84)           | (0)     | (69)           | (0)     | (120)          | (0)     | (124)          | (0)     | (184)          | (0)     | (36)           | (0)     | (196)          |  |
| Intramural Research                 |         | 55,009         |         | 54,438         |         | 54,413         |         | 52,219         |         | 53,602         |         | 54,168         |         | 56,288         |         | 57,999         |         | 60,755         |         | 62,576         |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 26,691         |         | 27,697         |         | 28,012         |         | 27,500         |         | 28,516         |         | 28,784         |         | 30,072         |         | 30,990         |         | 32,330         |         | 33,307         |  |
| Cancer Control                      |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| <b>NIAMS Total Obligations</b>      |         | <b>538,028</b> |         | <b>534,260</b> |         | <b>535,200</b> |         | <b>505,206</b> |         | <b>520,314</b> |         | <b>521,480</b> |         | <b>540,874</b> |         | <b>556,568</b> |         | <b>585,240</b> |         | <b>602,907</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIAMS

| Mechanism <sup>1</sup>              | FY 2020  |                | FY 2021  |                | FY 2022  |                | FY 2023  |                | FY 2024  |                |
|-------------------------------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|
|                                     | No.      | Amount         |
| Research Proj.:                     |          |                |          |                |          |                |          |                |          |                |
| Noncompeting                        | 727      | 293,512        | 715      | 283,154        | 693      | 295,289        | 720      | 314,625        | 685      | 313,305        |
| Admin. Supp.                        | (53)     | 5,579          | (66)     | 5,387          | (74)     | 7,502          | (74)     | 14,817         | (62)     | 7,376          |
| Competing                           | 275      | 101,510        | 272      | 115,648        | 285      | 115,341        | 241      | 104,648        | 250      | 109,886        |
| Subtotal, RPGs                      | 1,002    | 400,602        | 987      | 404,189        | 978      | 418,132        | 961      | 434,090        | 935      | 430,567        |
| SBIR/STTR                           | 36       | 18,855         | 35       | 19,031         | 47       | 19,614         | 47       | 20,399         | 34       | 20,148         |
| Subtotal, RPGs                      | 1,038    | 419,456        | 1,022    | 423,221        | 1,025    | 437,746        | 1,008    | 454,489        | 969      | 450,715        |
| Research Centers:                   |          | 0              |          |                |          |                |          |                |          |                |
| Spec/Comp.                          | 44       | 45,075         | 43       | 44,734         | 41       | 42,064         | 43       | 44,641         | 42       | 44,371         |
| Clinical Research                   | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| Biotechnology                       | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| Comparative Med.                    | 0        | 50             | 0        | 50             | 0        | 50             | 0        | 50             | 0        | 50             |
| RCMI                                | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| Subtotal, Centers                   | 44       | 45,125         | 43       | 44,784         | 41       | 42,114         | 43       | 44,691         | 42       | 44,421         |
| Other Research:                     |          | 0              |          |                |          |                |          |                |          |                |
| Research Careers                    | 137      | 20,622         | 141      | 21,255         | 162      | 24,439         | 192      | 25,669         | 193      | 26,628         |
| Cancer Ed.                          | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| Coop. Cl.                           | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| BRS                                 | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| MBRS                                | 0        | 250            | 0        | 250            | 0        | 265            | 0        | 269            | 0        | 271            |
| Other                               | 22       | 3,108          | 11       | 2,371          | 21       | 3,222          | 25       | 3,376          | 30       | 3,900          |
| Subtotal, Other                     | 159      | 23,980         | 152      | 23,875         | 183      | 27,926         | 217      | 29,314         | 223      | 30,799         |
| Total, Res. Grants                  | 1,241    | 488,562        | 1,217    | 491,880        | 1,249    | 507,786        | 1,268    | 528,494        | 1,234    | 525,936        |
| Training:                           |          |                |          |                |          |                |          |                |          |                |
| Individual                          | FTIPs 72 | 3,523          | ETIPs 77 | 3,458          | ETIPs 72 | 3,277          | ETIPs 68 | 3,164          | ETIPs 64 | 3,057          |
| Institutional                       | 205      | 13,463         | 218      | 13,904         | 239      | 16,239         | 261      | 16,781         | 252      | 16,600         |
| Total, Training                     | 277      | 16,986         | 295      | 17,361         | 311      | 19,516         | 329      | 19,945         | 316      | 19,657         |
| R & D Contracts (SBIR/STTR)         | 39       | 19,631         | 31       | 20,361         | 33       | 21,552         | 36       | 24,690         | 38       | 24,356         |
|                                     | (0)      | (199)          | (0)      | (200)          | (0)      | (205)          | (0)      | (221)          | (0)      | (360)          |
|                                     |          | 0              |          | 0              |          | 0              |          | 0              |          | 0              |
| Intramural Research                 | 114      | 64,980         | 118      | 67,337         | 124      | 72,450         | 130      | 75,860         | 144      | 76,629         |
| Res. Mgmt and Support (SBIR Admin.) | 105      | 34,674         | 111      | 35,413         | 109      | 36,540         | 111      | 38,590         | 115      | 40,956         |
| Cancer Control                      | (0)      | (0)            | (0)      | (0)            | (0)      | (0)            | (0)      | (0)            | (0)      | (0)            |
| Construction                        | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| B&F                                 | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| <b>NIAMS Total Obligations</b>      |          | <b>624,832</b> |          | <b>632,353</b> |          | <b>657,843</b> |          | <b>687,579</b> |          | <b>687,534</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIDCD

| Mechanism <sup>1</sup>              | FY 2000   |                | FY 2001    |                | FY 2002    |                | FY 2003    |                | FY 2004    |                | FY 2005    |                | FY 2006    |                | FY 2007    |                | FY 2008    |                | FY 2009    |                |  |
|-------------------------------------|-----------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|--|
|                                     | No.       | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         |  |
| Research Proj.:                     |           |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Noncompeting                        | 507       | 128,102        | 553        | 152,353        | 617        | 170,320        | 640        | 183,384        | 659        | 197,288        | 683        | 212,189        | 641        | 204,391        | 628        | 199,207        | 627        | 204,023        | 606        | 208,522        |  |
| Admin. Supp.                        | (80)      | 2,817          | (30)       | 1,562          | (36)       | 1,544          | (98)       | 4,497          | (27)       | 1,500          | (23)       | 4,757          | (22)       | 1,053          | (18)       | 1,150          | (36)       | 2,110          | (28)       | 1,496          |  |
| Competing                           | 198       | 52,312         | 226        | 56,011         | 237        | 63,286         | 244        | 67,380         | 232        | 65,339         | 201        | 60,025         | 213        | 61,956         | 233        | 67,875         | 192        | 62,425         | 206        | 68,702         |  |
| Subtotal, RPGs                      | 705       | 183,231        | 779        | 209,926        | 854        | 235,150        | 884        | 255,261        | 891        | 264,127        | 884        | 272,971        | 854        | 267,400        | 861        | 268,232        | 819        | 268,558        | 812        | 278,720        |  |
| SBIR/STTR                           | 34        | 6,103          | 30         | 6,890          | 39         | 7,689          | 43         | 8,351          | 44         | 9,107          | 32         | 9,317          | 30         | 9,716          | 32         | 10,096         | 34         | 9,627          | 33         | 9,811          |  |
| Subtotal, RPGs                      | 739       | 189,334        | 809        | 216,816        | 893        | 242,839        | 927        | 263,612        | 935        | 273,234        | 916        | 282,288        | 884        | 277,116        | 893        | 278,328        | 853        | 278,185        | 845        | 288,531        |  |
| Research Centers:                   |           |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Spec/Comp.                          | 17        | 16,400         | 19         | 16,963         | 25         | 20,109         | 25         | 20,795         | 22         | 17,147         | 21         | 17,039         | 20         | 17,243         | 19         | 15,829         | 21         | 18,100         | 22         | 18,059         |  |
| Clinical Research                   | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Biotechnology                       | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Comparative Med.                    | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 100            | 0          | 100            | 0          | 100            | 0          | 98             | 0          | 95             | 0          | 0              | 0          | 0              |  |
| RCMI                                | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Subtotal, Centers                   | 17        | 16,400         | 19         | 16,963         | 25         | 20,109         | 25         | 20,895         | 22         | 17,247         | 21         | 17,139         | 20         | 17,341         | 19         | 15,924         | 21         | 18,100         | 22         | 18,059         |  |
| Other Research:                     |           |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Research Careers                    | 44        | 4,378          | 43         | 5,091          | 42         | 6,493          | 38         | 6,164          | 41         | 7,231          | 42         | 7,251          | 38         | 6,707          | 44         | 7,333          | 36         | 5,340          | 32         | 4,581          |  |
| Cancer Ed.                          | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Coop. Cl.                           | 0         | 45             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| BRS                                 | 0         | 0              | 0          | 0              | 0          | 1,195          | 0          | 448            | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| MBRS                                | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Other                               | 13        | 1,189          | 23         | 2,444          | 18         | 2,602          | 19         | 1,908          | 20         | 2,484          | 18         | 2,189          | 18         | 2,714          | 25         | 2,704          | 19         | 2,669          | 21         | 2,990          |  |
| Subtotal, Other                     | 57        | 5,612          | 66         | 7,535          | 60         | 10,290         | 57         | 8,520          | 61         | 9,715          | 60         | 9,440          | 56         | 9,421          | 69         | 10,037         | 55         | 8,009          | 53         | 7,571          |  |
| Total, Res. Grants                  | 813       | 211,346        | 894        | 241,314        | 978        | 273,238        | 1,009      | 293,027        | 1,018      | 300,196        | 997        | 308,867        | 960        | 303,878        | 981        | 304,269        | 929        | 304,294        | 920        | 314,161        |  |
| Training:                           |           |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Individual                          | FITPs: 65 | 2,115          | FITPs: 101 | 3,550          | FITPs: 127 | 4,429          | FITPs: 146 | 5,426          | FITPs: 148 | 5,726          | FITPs: 147 | 5,531          | FITPs: 138 | 5,209          | FITPs: 152 | 5,719          | FITPs: 138 | 5,334          | FITPs: 126 | 4,758          |  |
| Institutional                       | 208       | 6,078          | 200        | 6,736          | 205        | 8,251          | 196        | 8,140          | 201        | 7,686          | 190        | 7,677          | 192        | 7,228          | 201        | 7,982          | 220        | 8,267          | 207        | 9,081          |  |
| Total, Training                     | 273       | 8,193          | 301        | 10,286         | 332        | 12,680         | 342        | 13,566         | 349        | 13,412         | 337        | 13,208         | 330        | 12,437         | 353        | 13,701         | 358        | 13,601         | 333        | 13,839         |  |
| R & D Contracts (SBIR/STTR)         | 22        | 10,730         | 31         | 10,424         | 31         | 13,341         | 54         | 17,259         | 47         | 19,508         | 0          | 18,818         | 47         | 21,637         | 52         | 22,011         | 45         | 22,786         | 0          | 21,830         |  |
| Intramural Research                 |           | 22,912         |            | 26,398         |            | 28,644         |            | 31,672         |            | 32,430         |            | 34,108         |            | 33,950         |            | 34,617         |            | 36,165         |            | 37,332         |  |
| Res. Mgmt and Support (SBIR Admin.) |           | 10,267         |            | 11,860         |            | 13,357         |            | 14,806         |            | 15,191         |            | 16,678         |            | 17,721         |            | 18,319         |            | 18,669         |            | 19,354         |  |
| Cancer Control                      |           | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| Construction                        |           | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| B&F                                 |           | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| <b>NIDCD Total Obligations</b>      |           | <b>263,448</b> |            | <b>300,282</b> |            | <b>341,260</b> |            | <b>370,330</b> |            | <b>380,737</b> |            | <b>391,679</b> |            | <b>389,623</b> |            | <b>392,937</b> |            | <b>395,515</b> |            | <b>406,516</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIDCD

| Mechanism <sup>1</sup>              | FY 2010    |                | FY 2011    |                | FY 2012    |                | FY 2013    |                | FY 2014    |                | FY 2015    |                | FY 2016    |                | FY 2017    |                | FY 2018    |                | FY 2019    |                |  |
|-------------------------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|--|
|                                     | No.        | Amount         |  |
| Research Proj.:                     |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Noncompeting                        | 621        | 219,223        | 640        | 221,421        | 632        | 225,201        | 623        | 213,472        | 567        | 209,711        | 557        | 208,795        | 549        | 210,401        | 581        | 226,337        | 586        | 231,567        | 614        | 249,191        |  |
| Admin. Supp.                        | (21)       | 1,058          | (23)       | 954            | (43)       | 1,348          | (26)       | 728            | (51)       | 2,602          | (26)       | 1,375          | (22)       | 1,017          | (29)       | 2,166          | (38)       | 2,954          | (23)       | 1,498          |  |
| Competing                           | 204        | 66,307         | 202        | 67,147         | 185        | 61,419         | 162        | 57,262         | 179        | 63,971         | 180        | 65,220         | 218        | 81,767         | 194        | 73,796         | 228        | 93,186         | 195        | 82,093         |  |
| Subtotal, RPGs                      | 825        | 286,588        | 842        | 289,522        | 817        | 287,968        | 785        | 271,462        | 746        | 276,284        | 737        | 275,390        | 767        | 293,186        | 775        | 302,299        | 814        | 327,707        | 809        | 332,782        |  |
| SBIR/STTR                           | 35         | 9,967          | 24         | 9,948          | 29         | 10,453         | 24         | 10,104         | 30         | 11,132         | 26         | 11,321         | 30         | 12,682         | 33         | 13,673         | 36         | 14,423         | 38         | 14,639         |  |
| Subtotal, RPGs                      | 860        | 296,555        | 866        | 299,470        | 846        | 298,421        | 809        | 281,566        | 776        | 287,416        | 763        | 286,711        | 797        | 305,867        | 808        | 315,972        | 850        | 342,130        | 847        | 347,422        |  |
| <b>Research Centers:</b>            |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Spec/Comp.                          | 23         | 18,525         | 23         | 13,610         | 22         | 15,013         | 19         | 15,421         | 21         | 17,168         | 18         | 16,396         | 15         | 16,508         | 8          | 14,336         | 5          | 11,652         | 6          | 14,352         |  |
| Clinical Research                   | 0          | 0              | 0          | 0              | 1          | 143            | 0          | 147            | 0          | 160            | 0          | 153            | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Biotechnology                       | 0          | 0              | 0          | 500            | 0          | 500            | 0          | 476            | 0          | 495            | 0          | 490            | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Comparative Med.                    | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| RCMI                                | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Subtotal, Centers                   | 23         | 18,525         | 23         | 14,110         | 23         | 15,656         | 19         | 16,043         | 21         | 17,822         | 18         | 17,039         | 15         | 16,508         | 8          | 14,336         | 5          | 11,652         | 6          | 14,352         |  |
| <b>Other Research:</b>              |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Research Careers                    | 31         | 4,859          | 32         | 5,348          | 28         | 4,836          | 37         | 6,052          | 42         | 7,124          | 43         | 7,973          | 42         | 7,953          | 42         | 7,772          | 43         | 7,430          | 46         | 7,698          |  |
| Cancer Ed.                          | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Coop. Cl.                           | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| BRS                                 | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| MBRS                                | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Other                               | 29         | 2,990          | 22         | 2,601          | 26         | 4,232          | 24         | 4,535          | 25         | 5,069          | 24         | 5,019          | 24         | 2,928          | 22         | 2,414          | 29         | 2,780          | 28         | 3,050          |  |
| Subtotal, Other                     | 60         | 7,849          | 54         | 7,949          | 54         | 9,068          | 61         | 10,587         | 67         | 12,193         | 67         | 12,991         | 66         | 10,881         | 64         | 10,186         | 72         | 10,210         | 74         | 10,748         |  |
| <b>Total, Res. Grants</b>           | <b>943</b> | <b>322,929</b> | <b>943</b> | <b>321,529</b> | <b>923</b> | <b>323,145</b> | <b>889</b> | <b>308,196</b> | <b>864</b> | <b>317,432</b> | <b>848</b> | <b>316,741</b> | <b>878</b> | <b>333,256</b> | <b>880</b> | <b>340,494</b> | <b>927</b> | <b>363,992</b> | <b>927</b> | <b>372,521</b> |  |
| <b>Training:</b>                    |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Individual                          | 128        | 4,847          | 127        | 4,963          | 110        | 4,515          | 113        | 4,514          | 112        | 4,728          | 112        | 4,894          | 127        | 5,675          | 127        | 5,400          | 130        | 5,894          | 123        | 5,860          |  |
| Institutional                       | 209        | 9,106          | 208        | 9,160          | 198        | 9,068          | 172        | 7,936          | 148        | 7,032          | 160        | 7,633          | 157        | 7,469          | 161        | 7,927          | 165        | 8,306          | 157        | 8,111          |  |
| Total, Training                     | 337        | 13,953         | 335        | 14,123         | 308        | 13,583         | 285        | 12,450         | 260        | 11,760         | 272        | 12,527         | 284        | 13,144         | 288        | 13,327         | 295        | 14,200         | 280        | 13,971         |  |
| R & D Contracts (SBIR/STTR)         | 0          | 22,758         | 36         | 21,477         | 37         | 21,032         | 30         | 15,760         | 31         | 18,056         | 30         | 19,102         | 32         | 17,986         | 0          | 19,315         | 37         | 18,155         | 41         | 20,686         |  |
|                                     | (0)        | (20)           | (0)        | (15)           | (0)        | (22)           | (0)        | (66)           | (0)        | (55)           | (0)        | (95)           | (0)        | (147)          | (0)        | (29)           | (0)        | (157)          |            |                |  |
| Intramural Research                 |            | 38,408         |            | 38,000         |            | 37,971         |            | 36,492         |            | 37,233         |            | 36,710         |            | 37,442         |            | 39,951         |            | 41,489         |            | 42,558         |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 19,953         |            | 19,975         |            | 20,104         |            | 19,642         |            | 19,756         |            | 20,087         |            | 20,484         |            | 22,791         |            | 21,040         |            | 23,251         |  |
| Cancer Control                      |            |                |            |                |            |                |            | (0)            |            | (0)            |            | (0)            |            | (0)            |            | (0)            |            | (0)            |            | (0)            |  |
| Construction                        |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| B&F                                 |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| <b>NIDCD Total Obligations</b>      |            | <b>418,001</b> |            | <b>415,104</b> |            | <b>415,835</b> |            | <b>392,540</b> |            | <b>404,237</b> |            | <b>405,168</b> |            | <b>422,311</b> |            | <b>435,877</b> |            | <b>458,876</b> |            | <b>472,988</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIDCD

| Mechanism <sup>1</sup>         | FY 2020    |                | FY 2021    |                | FY 2022    |                | FY 2023    |                | FY 2024    |                |
|--------------------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
|                                | No.        | Amount         |
| Research Proj.:                |            |                |            |                |            |                |            |                |            |                |
| Noncompeting                   | 622        | 264,153        | 582        | 256,482        | 581        | 264,766        | 576        | 263,385        | 548        | 259,838        |
| Admin. Supp.                   | (55)       | 5,841          | (60)       | 6,524          | (71)       | 5,560          | (65)       | 6,081          | (64)       | 4,498          |
| Competing                      | 180        | 76,119         | 180        | 80,605         | 191        | 80,343         | 183        | 87,738         | 186        | 89,040         |
| Subtotal, RPGs                 | 802        | 346,113        | 762        | 343,612        | 772        | 350,669        | 759        | 357,204        | 734        | 353,376        |
| SBIR/STTR                      | 31         | 15,538         | 21         | 15,492         | 27         | 16,015         | 19         | 16,401         | 27         | 16,472         |
| Subtotal, RPGs                 | 833        | 361,651        | 783        | 359,103        | 799        | 366,683        | 778        | 373,605        | 761        | 369,848        |
| <b>Research Centers:</b>       |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| Spec/Comp.                     | 6          | 14,727         | 7          | 17,942         | 6          | 15,318         | 7          | 18,515         | 5          | 13,117         |
| Clinical Research              | 0          | 501            | 0          | 278            | 0          | 0              | 0          | 0              | 0          | 0              |
| Biotechnology                  | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Comparative Med.               | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| RCMI                           | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Subtotal, Centers              | 6          | 15,228         | 7          | 18,220         | 6          | 15,318         | 7          | 18,515         | 5          | 13,117         |
| <b>Other Research:</b>         |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| Research Careers               | 51         | 8,196          | 57         | 9,375          | 58         | 8,884          | 67         | 10,891         | 71         | 11,798         |
| Cancer Ed.                     | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Coop. Cl.                      | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| BRS                            | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| MBRS                           | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Other                          | 29         | 2,491          | 28         | 2,674          | 33         | 7,296          | 44         | 9,251          | 58         | 11,688         |
| Subtotal, Other                | 80         | 10,687         | 85         | 12,048         | 91         | 16,182         | 111        | 20,142         | 129        | 23,485         |
| <b>Total, Res. Grants</b>      | <b>919</b> | <b>387,566</b> | <b>875</b> | <b>389,371</b> | <b>896</b> | <b>398,183</b> | <b>896</b> | <b>412,262</b> | <b>895</b> | <b>406,450</b> |
| <b>Training:</b>               |            |                |            |                |            |                |            |                |            |                |
| Individual                     | FTIPs 133  | 6,494          | ETIPs 156  | 7,359          | ETIPs 142  | 6,997          | ETIPs 136  | 6,655          | ETIPs 137  | 6,973          |
| Institutional                  | 158        | 8,307          | 157        | 8,892          | 153        | 9,631          | 143        | 9,096          | 135        | 8,612          |
| Total, Training                | 291        | 14,801         | 313        | 16,252         | 295        | 16,628         | 279        | 15,751         | 272        | 15,585         |
| <b>R &amp; D Contracts</b>     |            |                |            |                |            |                |            |                |            |                |
| (SBIR/STTR)                    | 40         | 22,886         | 43         | 21,907         | 44         | 23,229         | 44         | 23,217         | 46         | 26,617         |
|                                | (0)        | (160)          | (0)        | (161)          | (0)        | (204)          | (0)        | (216)          | (0)        | (285)          |
|                                |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| Intramural Research            | 59         | 42,763         | 60         | 44,747         | 56         | 52,588         | 58         | 56,359         | 66         | 57,285         |
| Res. Mgmt and Support          | 71         | 22,671         | 74         | 24,296         | 74         | 24,248         | 76         | 26,739         | 79         | 28,390         |
| (SBIR Admin.)                  | (0)        | (0)            | (0)        | (0)            | (0)        | (0)            | (0)        | (0)            | (0)        | (0)            |
| Cancer Control                 | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Construction                   | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| B&F                            | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| <b>NIDCD Total Obligations</b> |            | <b>490,687</b> |            | <b>496,574</b> |            | <b>514,876</b> |            | <b>534,327</b> |            | <b>534,327</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| Mechanism <sup>1</sup>              | FY 2000 |                | FY 2001 |                  | FY 2002 |                  | FY 2003 |                  | FY 2004 |                  | FY 2005 |                  | FY 2006 |                  | FY 2007 |                  | FY 2008 |                  | FY 2009 |                  |  |
|-------------------------------------|---------|----------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|
|                                     | No.     | Amount         | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           |  |
| Research Proj.:                     |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Noncompeting                        | 1,151   | 351,248        | 1,342   | 433,138          | 1,469   | 493,882          | 1,586   | 545,971          | 1,621   | 580,509          | 1,651   | 600,218          | 1,619   | 592,017          | 1,553   | 557,537          | 1,605   | 584,153          | 1,592   | 634,622          |  |
| Admin. Supp.                        | (24)    | 2,191          | (60)    | 4,251            | (75)    | 6,410            | (61)    | 5,402            | (52)    | 4,543            | (45)    | 8,785            | (41)    | 3,939            | (66)    | 2,591            | (66)    | 6,070            | (47)    | 4,951            |  |
| Competing                           | 619     | 177,842        | 600     | 176,688          | 618     | 193,638          | 599     | 185,202          | 628     | 184,648          | 569     | 178,136          | 543     | 175,698          | 620     | 217,245          | 581     | 216,425          | 547     | 207,324          |  |
| Subtotal, RPGs                      | 1,770   | 531,281        | 1,942   | 614,077          | 2,087   | 693,930          | 2,185   | 736,575          | 2,249   | 769,700          | 2,220   | 787,139          | 2,162   | 771,654          | 2,173   | 777,373          | 2,186   | 806,648          | 2,139   | 846,897          |  |
| SBIR/STTR                           | 75      | 20,644         | 88      | 22,879           | 89      | 22,196           | 75      | 21,490           | 88      | 25,431           | 83      | 25,976           | 86      | 27,235           | 94      | 28,655           | 87      | 27,888           | 88      | 30,079           |  |
| Subtotal, RPGs                      | 1,845   | 551,925        | 2,030   | 636,956          | 2,176   | 716,126          | 2,260   | 758,065          | 2,337   | 795,131          | 2,303   | 813,115          | 2,248   | 798,889          | 2,267   | 806,028          | 2,273   | 834,536          | 2,227   | 876,976          |  |
| Research Centers:                   |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Spec/Comp.                          | 56      | 76,163         | 51      | 72,557           | 56      | 85,204           | 62      | 92,055           | 66      | 99,950           | 70      | 109,581          | 75      | 110,887          | 77      | 115,120          | 74      | 122,777          | 66      | 113,788          |  |
| Clinical Research                   | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Biotechnology                       | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 160              | 0       | 160              | 0       | 0                |  |
| Comparative Med.                    | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 443              | 0       | 200              | 0       | 695              | 0       | 190              | 0       | 186              | 0       | 0                |  |
| RCMI                                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                   | 56      | 76,163         | 51      | 72,557           | 56      | 85,204           | 62      | 92,055           | 66      | 100,393          | 70      | 109,781          | 75      | 111,582          | 77      | 115,470          | 74      | 123,123          | 66      | 113,788          |  |
| Other Research:                     |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Research Careers                    | 382     | 46,878         | 407     | 53,142           | 441     | 59,228           | 483     | 67,397           | 514     | 73,769           | 503     | 74,188           | 475     | 71,740           | 461     | 70,379           | 432     | 66,300           | 397     | 61,560           |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Coop. Cl.                           | 31      | 16,679         | 29      | 18,211           | 22      | 17,827           | 22      | 26,808           | 22      | 21,435           | 18      | 18,588           | 18      | 17,235           | 5       | 6,228            | 5       | 4,422            | 5       | 1,833            |  |
| BRS                                 | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS                                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Other                               | 107     | 33,639         | 118     | 34,431           | 126     | 37,864           | 145     | 39,536           | 141     | 40,644           | 150     | 39,018           | 143     | 36,011           | 140     | 37,305           | 133     | 38,564           | 112     | 43,143           |  |
| Subtotal, Other                     | 520     | 97,196         | 554     | 105,784          | 589     | 114,919          | 650     | 133,741          | 677     | 135,848          | 671     | 131,794          | 636     | 124,986          | 606     | 113,912          | 570     | 109,286          | 514     | 106,536          |  |
| Total, Res. Grants                  | 2,421   | 725,284        | 2,635   | 815,297          | 2,821   | 916,249          | 2,972   | 983,861          | 3,080   | 1,031,372        | 3,044   | 1,054,690        | 2,959   | 1,035,457        | 2,950   | 1,035,410        | 2,917   | 1,066,945        | 2,807   | 1,097,300        |  |
| Training:                           |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Individual                          | 352     | 9,614          | 381     | 10,912           | 365     | 11,532           | 352     | 11,967           | 329     | 12,001           | 308     | 11,004           | 291     | 10,823           | 275     | 9,864            | 283     | 10,352           | 291     | 10,712           |  |
| Institutional                       | 1,204   | 36,867         | 1,202   | 38,757           | 1,224   | 42,816           | 1,223   | 46,770           | 1,194   | 47,725           | 1,116   | 46,890           | 1,056   | 44,321           | 913     | 39,994           | 859     | 36,905           | 764     | 32,738           |  |
| Total, Training                     | 1,556   | 46,481         | 1,583   | 49,669           | 1,589   | 54,348           | 1,575   | 58,737           | 1,523   | 59,726           | 1,424   | 57,894           | 1,347   | 55,144           | 1,188   | 49,858           | 1,142   | 47,257           | 1,055   | 43,450           |  |
| R & D Contracts (SBIR/STTR)         | 46      | 47,854         | 72      | 72,071           | 126     | 84,393           | 201     | 93,255           | 207     | 76,447           | 180     | 73,261           | 223     | 74,837           | 197     | 88,775           | 202     | 63,905           | 170     | 70,755           |  |
|                                     | (0)     | (0)            | (13)    | (1,289)          | (15)    | (4,649)          | (37)    | (7,369)          | (23)    | (5,957)          | (21)    | (6,112)          | (18)    | (4,601)          | (13)    | (3,685)          | (13)    | (4,424)          | (13)    | (3,410)          |  |
| Intramural Research                 |         | 114,962        |         | 124,566          |         | 139,810          |         | 149,622          |         | 154,592          |         | 158,036          |         | 159,926          |         | 162,192          |         | 168,436          |         | 172,310          |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 37,546         |         | 44,492           |         | 50,492           |         | 55,539           |         | 57,088           |         | 59,126           |         | 64,645           |         | 66,150           |         | 67,998           |         | 70,562           |  |
| Cancer Control                      |         | 0              |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| Construction                        |         | 0              |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| B&F                                 |         | 0              |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |         | 0                |  |
| <b>NIMH Total Obligations</b>       |         | <b>972,127</b> |         | <b>1,106,095</b> |         | <b>1,245,292</b> |         | <b>1,341,014</b> |         | <b>1,379,225</b> |         | <b>1,403,007</b> |         | <b>1,390,009</b> |         | <b>1,402,385</b> |         | <b>1,414,541</b> |         | <b>1,454,377</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| NIMH<br>Mechanism <sup>1</sup>      | FY 2010    |                  | FY 2011    |                  | FY 2012    |                  | FY 2013    |                  | FY 2014    |                  | FY 2015    |                  | FY 2016    |                  | FY 2017    |                  | FY 2018    |                  | FY 2019    |                  |  |  |
|-------------------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|--|
|                                     | No.        | Amount           |  |  |
| Research Proj.:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |  |
| Noncompeting                        | 1,558      | 649,659          | 1,565      | 682,950          | 1,516      | 662,788          | 1,549      | 632,092          | 1,437      | 625,588          | 1,407      | 636,552          | 1,416      | 682,046          | 1,436      | 707,894          | 1,484      | 791,480          | 1,504      | 815,909          |  |  |
| Admin. Supp.                        | (73)       | 11,172           | (39)       | 15,370           | (127)      | 17,392           | (63)       | 14,990           | (87)       | 12,540           | (130)      | 20,374           | (149)      | 23,073           | (105)      | 13,578           | (138)      | 19,887           | (127)      | 17,686           |  |  |
| Competing                           | 555        | 232,333          | 465        | 183,035          | 584        | 236,839          | 512        | 205,700          | 548        | 241,574          | 507        | 241,051          | 587        | 274,785          | 571        | 314,340          | 602        | 343,855          | 653        | 404,866          |  |  |
| Subtotal, RPGs                      | 2,113      | 893,164          | 2,030      | 881,355          | 2,100      | 917,019          | 2,061      | 852,782          | 1,985      | 879,702          | 1,914      | 897,978          | 2,003      | 979,905          | 2,007      | 1,035,812        | 2,086      | 1,155,222        | 2,157      | 1,238,461        |  |  |
| SBIR/STTR                           | 90         | 33,459           | 94         | 34,258           | 90         | 36,352           | 83         | 34,478           | 80         | 37,320           | 77         | 38,975           | 91         | 43,868           | 96         | 48,824           | 103        | 54,423           | 96         | 57,338           |  |  |
| Subtotal, RPGs                      | 2,203      | 926,623          | 2,124      | 915,613          | 2,190      | 953,371          | 2,144      | 887,260          | 2,065      | 917,022          | 1,991      | 936,952          | 2,094      | 1,023,773        | 2,103      | 1,084,636        | 2,189      | 1,209,645        | 2,253      | 1,295,799        |  |  |
| Research Centers:                   |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |  |
| Spec/Comp.                          | 64         | 110,670          | 63         | 107,453          | 55         | 99,069           | 47         | 81,341           | 44         | 75,917           | 39         | 69,950           | 32         | 59,759           | 34         | 64,639           | 36         | 66,838           | 27         | 67,412           |  |  |
| Clinical Research                   | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |  |
| Biotechnology                       | 0          | 0                | 0          | 500              | 0          | 0                | 0          | 297              | 0          | 687              | 0          | 472              | 0          | 0                | 0          | 50               | 0          | 50               | 0          | 50               |  |  |
| Comparative Med.                    | 0          | 0                | 0          | 500              | 0          | 500              | 0          | 476              | 0          | 495              | 0          | 990              | 0          | 370              | 0          | 355              | 0          | 276              | 0          | 0                |  |  |
| RCMI                                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |  |
| Subtotal, Centers                   | 64         | 110,670          | 63         | 108,453          | 55         | 99,569           | 47         | 82,113           | 44         | 77,099           | 39         | 71,411           | 32         | 60,128           | 34         | 65,044           | 36         | 67,164           | 27         | 67,462           |  |  |
| Other Research:                     |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |  |
| Research Careers                    | 396        | 62,282           | 382        | 60,397           | 375        | 59,544           | 350        | 55,660           | 341        | 54,994           | 319        | 51,433           | 305        | 49,767           | 311        | 52,492           | 316        | 53,427           | 339        | 56,551           |  |  |
| Cancer Ed.                          | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |  |
| Coop. Cl.                           | 0          | 485              | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |  |
| BRS                                 | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |  |
| MBRS                                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |  |
| Other                               | 114        | 31,585           | 98         | 29,001           | 76         | 25,755           | 69         | 25,519           | 63         | 25,184           | 56         | 26,954           | 50         | 28,180           | 53         | 34,784           | 62         | 38,339           | 67         | 43,367           |  |  |
| Subtotal, Other                     | 510        | 94,352           | 480        | 89,398           | 451        | 85,299           | 419        | 81,179           | 404        | 80,178           | 375        | 78,387           | 355        | 77,947           | 364        | 87,277           | 378        | 91,766           | 406        | 99,918           |  |  |
| Total, Res. Grants                  | 2,777      | 1,131,645        | 2,667      | 1,113,464        | 2,696      | 1,139,239        | 2,610      | 1,050,552        | 2,513      | 1,074,299        | 2,405      | 1,086,750        | 2,481      | 1,161,849        | 2,501      | 1,236,957        | 2,603      | 1,368,575        | 2,686      | 1,463,179        |  |  |
| Training:                           |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |            |                  |  |  |
| Individual                          | FTIPs: 305 | 11,545           | FTIPs: 255 | 10,003           | FTIPs: 276 | 10,872           | FTIPs: 263 | 10,544           | FTIPs: 244 | 9,639            | FTIPs: 228 | 9,375            | FTIPs: 211 | 9,042            | FTIPs: 228 | 10,012           | FTIPs: 233 | 10,480           | FTIPs: 218 | 10,234           |  |  |
| Institutional                       | 680        | 31,751           | 665        | 31,359           | 608        | 29,761           | 567        | 28,708           | 511        | 26,279           | 482        | 26,394           | 494        | 26,394           | 480        | 27,091           | 479        | 26,452           | 287        | 28,052           |  |  |
| Total, Training                     | 985        | 43,296           | 920        | 41,362           | 884        | 40,633           | 830        | 39,252           | 755        | 35,918           | 710        | 33,978           | 705        | 35,436           | 708        | 37,103           | 712        | 36,932           | 505        | 38,286           |  |  |
| R & D Contracts (SBIR/STTR)         | 140        | 70,877           | 146        | 78,412           | 149        | 60,374           | 146        | 75,544           | 182        | 74,239           | 156        | 75,494           | 200        | 70,305           | 203        | 73,798           | 180        | 83,037           | 0          | 85,112           |  |  |
|                                     | (2)        | (1,119)          | (0)        | (51)             | (0)        | (77)             | (1)        | (231)            | (1)        | (188)            | (1)        | (328)            | (0)        | (344)            | (0)        | (533)            | (0)        | (109)            | (0)        | (643)            |  |  |
| Intramural Research                 |            | 174,895          |            | 169,868          |            | 166,451          |            | 159,811          |            | 162,988          |            | 164,405          |            | 171,040          |            | 175,574          |            | 181,940          |            | 194,840          |  |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 72,797           |            | 74,151           |            | 73,146           |            | 70,847           |            | 72,177           |            | 72,976           |            | 77,695           |            | 81,192           |            | 83,940           |            | 88,237           |  |  |
| Cancer Control                      |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |  |
| Construction                        |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |  |
| B&F                                 |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |            | 0                |  |  |
| <b>NIMH Total Obligations</b>       |            | <b>1,493,510</b> |            | <b>1,477,257</b> |            | <b>1,478,843</b> |            | <b>1,396,006</b> |            | <b>1,419,632</b> |            | <b>1,433,603</b> |            | <b>1,516,325</b> |            | <b>1,604,624</b> |            | <b>1,754,423</b> |            | <b>1,869,653</b> |  |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIMH

| Mechanism <sup>1</sup>        | FY 2020      |                  | FY 2021      |                  | FY 2022      |                  | FY 2023      |                  | FY 2024      |                  |
|-------------------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|
|                               | No.          | Amount           |
| Research Proj.:               |              |                  |              |                  |              |                  |              |                  |              |                  |
| Noncompeting                  | 1,620        | 910,612          | 1,538        | 946,916          | 1,629        | 941,126          | 1,729        | 1,019,745        | 1,595        | 1,032,258        |
| Admin. Supp.                  | (133)        | 16,180           | (103)        | 16,862           | (143)        | 18,680           | (165)        | 22,120           | (145)        | 14,784           |
| Competing                     | 607          | 438,871          | 648          | 423,584          | 673          | 505,394          | 579          | 410,966          | 609          | 406,435          |
| Subtotal, RPGs                | 2,227        | 1,365,663        | 2,186        | 1,387,362        | 2,302        | 1,465,199        | 2,308        | 1,452,830        | 2,204        | 1,453,477        |
| SBIR/STTR                     | 87           | 62,752           | 89           | 64,718           | 90           | 68,560           | 103          | 72,093           | 87           | 66,915           |
| Subtotal, RPGs                | 2,314        | 1,428,415        | 2,275        | 1,452,080        | 2,392        | 1,533,760        | 2,411        | 1,524,923        | 2,291        | 1,520,393        |
| <b>Research Centers:</b>      |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| Spec/Comp.                    | 36           | 66,924           | 39           | 75,261           | 39           | 82,676           | 40           | 94,523           | 43           | 96,595           |
| Clinical Research             | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Biotechnology                 | 0            | 50               | 0            | 50               | 0            | 0                | 0            | 0                | 0            | 0                |
| Comparative Med.              | 0            | 275              | 0            | 296              | 0            | 299              | 0            | 0                | 0            | 0                |
| RCMI                          | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Subtotal, Centers             | 36           | 67,249           | 39           | 75,607           | 39           | 82,975           | 40           | 94,523           | 43           | 96,595           |
| <b>Other Research:</b>        |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| Research Careers              | 366          | 61,858           | 366          | 63,429           | 379          | 65,348           | 381          | 66,386           | 380          | 67,093           |
| Cancer Ed.                    | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Coop. Cl.                     | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 300              | 0            | 300              |
| BRS                           | 2            | 1,200            | 10           | 4,816            | 3            | 1,388            | 5            | 3,392            | 3            | 1,689            |
| MBRS                          | 0            | 0                | 0            | 0                | 0            | 701              | 0            | 701              | 0            | 700              |
| Other                         | 59           | 46,516           | 59           | 49,447           | 70           | 53,548           | 72           | 60,718           | 72           | 62,410           |
| Subtotal, Other               | 427          | 109,574          | 435          | 117,693          | 452          | 120,985          | 458          | 131,497          | 455          | 132,192          |
| <b>Total, Res. Grants</b>     | <b>2,777</b> | <b>1,605,238</b> | <b>2,749</b> | <b>1,645,379</b> | <b>2,883</b> | <b>1,737,719</b> | <b>2,909</b> | <b>1,750,943</b> | <b>2,789</b> | <b>1,749,179</b> |
| <b>Training:</b>              |              |                  |              |                  |              |                  |              |                  |              |                  |
| Individual                    | FTIPs 229    | 10,850           | ETIPs 267    | 12,533           | ETIPs 282    | 13,431           | ETIPs 282    | 13,491           | ETIPs 256    | 12,671           |
| Institutional                 | 503          | 32,731           | 501          | 27,782           | 475          | 29,739           | 458          | 30,328           | 399          | 29,247           |
| Total, Training               | 732          | 43,581           | 768          | 40,315           | 757          | 43,169           | 740          | 43,819           | 655          | 41,918           |
| <b>R &amp; D Contracts</b>    | <b>133</b>   | <b>90,441</b>    | <b>133</b>   | <b>104,949</b>   | <b>128</b>   | <b>104,190</b>   | <b>148</b>   | <b>129,339</b>   | <b>153</b>   | <b>136,658</b>   |
| (SBIR/STTR)                   | (0)          | (748)            | (0)          | (749)            | (0)          | (715)            | (2)          | (783)            | (6)          | (2,850)          |
| Intramural Research           | 279          | 210,773          | 289          | 212,795          | 288          | 226,538          | 296          | 238,024          | 301          | 238,631          |
| Res. Mgmt and Support         | 269          | 94,820           | 278          | 96,741           | 291          | 102,565          | 309          | 107,246          | 332          | 111,502          |
| (SBIR Admin.)                 | (0)          | (62)             | (0)          | (0)              | (0)          | (0)              | (0)          | (6)              | (0)          | (6)              |
| Cancer Control                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Construction                  | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| B&F                           | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| <b>NIMH Total Obligations</b> |              | <b>2,044,852</b> |              | <b>2,100,178</b> |              | <b>2,214,181</b> |              | <b>2,269,370</b> |              | <b>2,277,888</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIDA

| Mechanism <sup>1</sup>              | FY 2000 |                | FY 2001 |                | FY 2002 |                | FY 2003 |                | FY 2004 |                | FY 2005 |                  | FY 2006 |                | FY 2007 |                  | FY 2008 |                  | FY 2009 |                  |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|------------------|---------|----------------|---------|------------------|---------|------------------|---------|------------------|--|
|                                     | No.     | Amount           | No.     | Amount         | No.     | Amount           | No.     | Amount           | No.     | Amount           |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                  |         |                |         |                  |         |                  |         |                  |  |
| Noncompeting                        | 852     | 285,891        | 901     | 324,198        | 1,036   | 380,398        | 1,034   | 413,482        | 1,060   | 432,490        | 1,070   | 436,788          | 1,060   | 438,163        | 1,045   | 411,218          | 1,031   | 414,844          | 1,044   | 439,353          |  |
| Admin. Supp.                        | (114)   | 6,612          | (131)   | 7,313          | (206)   | 15,388         | (109)   | 6,777          | (154)   | 10,823         | (135)   | 12,481           | (110)   | 5,818          | (125)   | 9,971            | (105)   | 5,964            | (90)    | 8,785            |  |
| Competing                           | 355     | 115,184        | 433     | 137,398        | 353     | 124,472        | 425     | 144,441        | 394     | 127,196        | 376     | 124,807          | 367     | 121,124        | 414     | 149,890          | 438     | 153,624          | 403     | 148,555          |  |
| Subtotal, RPGs                      | 1,207   | 407,687        | 1,334   | 468,909        | 1,389   | 520,258        | 1,459   | 564,700        | 1,454   | 570,509        | 1,446   | 574,076          | 1,427   | 565,105        | 1,459   | 571,079          | 1,469   | 574,432          | 1,447   | 596,693          |  |
| SBIR/STTR                           | 47      | 11,467         | 52      | 13,524         | 56      | 14,728         | 54      | 15,351         | 62      | 17,400         | 55      | 17,500           | 55      | 17,108         | 59      | 18,147           | 60      | 18,080           | 52      | 18,711           |  |
| Subtotal, RPGs                      | 1,254   | 419,154        | 1,386   | 482,433        | 1,445   | 534,986        | 1,513   | 580,051        | 1,516   | 587,909        | 1,501   | 591,576          | 1,482   | 582,213        | 1,518   | 589,226          | 1,529   | 592,512          | 1,499   | 615,404          |  |
| Research Centers:                   |         |                |         |                |         |                |         |                |         |                |         |                  |         |                |         |                  |         |                  |         |                  |  |
| Spec/Comp.                          | 34      | 53,146         | 33      | 55,216         | 35      | 60,115         | 38      | 62,335         | 38      | 66,033         | 40      | 68,680           | 45      | 69,025         | 44      | 69,366           | 47      | 70,995           | 48      | 73,074           |  |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Biotechnology                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                   | 34      | 53,146         | 33      | 55,216         | 35      | 60,115         | 38      | 62,335         | 38      | 66,033         | 40      | 68,680           | 45      | 69,025         | 44      | 69,366           | 47      | 70,995           | 48      | 73,074           |  |
| Other Research:                     |         |                |         |                |         |                |         |                |         |                |         |                  |         |                |         |                  |         |                  |         |                  |  |
| Research Careers                    | 185     | 22,275         | 203     | 24,865         | 217     | 25,968         | 241     | 30,043         | 244     | 32,418         | 247     | 34,789           | 244     | 35,797         | 258     | 38,334           | 256     | 38,611           | 251     | 38,645           |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Coop. Cl.                           | 11      | 25,465         | 14      | 30,953         | 17      | 37,173         | 17      | 39,243         | 17      | 39,505         | 17      | 38,875           | 14      | 37,766         | 20      | 37,368           | 20      | 34,848           | 20      | 34,848           |  |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Other                               | 28      | 9,098          | 32      | 11,225         | 40      | 13,063         | 48      | 15,468         | 52      | 14,645         | 47      | 14,221           | 52      | 12,825         | 55      | 12,669           | 61      | 13,195           | 59      | 13,576           |  |
| Subtotal, Other                     | 224     | 56,838         | 249     | 67,043         | 274     | 78,021         | 306     | 84,754         | 313     | 86,568         | 311     | 87,885           | 310     | 86,388         | 333     | 88,371           | 337     | 86,654           | 330     | 87,069           |  |
| Total, Res. Grants                  | 1,512   | 529,138        | 1,668   | 604,692        | 1,754   | 673,122        | 1,857   | 727,140        | 1,867   | 740,510        | 1,852   | 748,141          | 1,837   | 737,626        | 1,895   | 746,963          | 1,913   | 750,161          | 1,877   | 775,547          |  |
| Training:                           |         |                |         |                |         |                |         |                |         |                |         |                  |         |                |         |                  |         |                  |         |                  |  |
| Individual                          | 135     | 3,786          | 172     | 5,366          | 165     | 5,561          | 177     | 6,129          | 152     | 5,279          | 148     | 5,352            | 173     | 6,389          | 183     | 6,576            | 176     | 6,446            | 172     | 6,317            |  |
| Institutional                       | 295     | 11,562         | 330     | 11,290         | 347     | 12,277         | 358     | 13,685         | 373     | 15,626         | 385     | 16,548           | 359     | 16,479         | 362     | 17,306           | 372     | 17,636           | 399     | 18,460           |  |
| Total, Training                     | 430     | 15,348         | 502     | 16,656         | 512     | 17,838         | 535     | 19,814         | 525     | 20,905         | 533     | 21,900           | 532     | 22,868         | 545     | 23,882           | 548     | 24,082           | 571     | 24,777           |  |
| R & D Contracts (SBIR/STTR)         | 111     | 67,091         | 111     | 72,450         | 143     | 92,237         | 107     | 96,227         | 188     | 103,167        | 180     | 98,553           | 435     | 93,812         | 198     | 92,408           | 203     | 90,631           | 201     | 92,967           |  |
|                                     | (18)    | (4,274)        | (18)    | (4,629)        | (17)    | (5,701)        | (19)    | (6,742)        | (17)    | (6,428)        | (17)    | (6,608)          | (19)    | (6,776)        | (16)    | (6,017)          | (18)    | (6,000)          | (20)    | (6,169)          |  |
| Intramural Research                 |         | 49,959         |         | 57,450         |         | 65,336         |         | 74,023         |         | 76,671         |         | 79,450           |         | 80,970         |         | 82,188           |         | 84,489           |         | 86,429           |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 33,025         |         | 38,937         |         | 44,106         |         | 48,517         |         | 50,257         |         | 52,012           |         | 55,129         |         | 56,511           |         | 57,932           |         | 59,841           |  |
| Cancer Control                      |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0                |         | 0              |         | 0                |         | 0                |         | 0                |  |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0                |         | 0              |         | 0                |         | 0                |         | 0                |  |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0                |         | 0              |         | 0                |         | 0                |         | 0                |  |
| <b>NIDA Total Obligations</b>       |         | <b>694,561</b> |         | <b>790,185</b> |         | <b>892,639</b> |         | <b>965,721</b> |         | <b>991,510</b> |         | <b>1,000,056</b> |         | <b>990,405</b> |         | <b>1,001,952</b> |         | <b>1,007,295</b> |         | <b>1,039,561</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| NIDA<br>Mechanism <sup>1</sup>      | FY 2010 |                  | FY 2011 |                  | FY 2012 |                  | FY 2013 |                | FY 2014 |                  | FY 2015 |                  | FY 2016 |                  | FY 2017 |                  | FY 2018 |                  | FY 2019 |                  |  |
|-------------------------------------|---------|------------------|---------|------------------|---------|------------------|---------|----------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|--|
|                                     | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount         | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           | No.     | Amount           |  |
| Research Proj.:                     |         |                  |         |                  |         |                  |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Noncompeting                        | 1,055   | 460,290          | 1,075   | 483,510          | 1,041   | 459,924          | 985     | 432,156        | 968     | 450,065          | 887     | 426,545          | 946     | 475,971          | 872     | 452,797          | 933     | 491,214          | 980     | 554,062          |  |
| Admin. Supp.                        | (104)   | 6,638            | (90)    | 6,199            | (102)   | 6,974            | (134)   | 12,802         | (128)   | 8,330            | (115)   | 6,968            | (96)    | 5,586            | (89)    | 5,627            | (136)   | 13,087           | (168)   | 18,950           |  |
| Competing                           | 374     | 151,294          | 347     | 119,784          | 399     | 161,937          | 365     | 142,890        | 339     | 150,558          | 359     | 170,392          | 308     | 150,819          | 404     | 191,332          | 391     | 215,419          | 418     | 435,253          |  |
| Subtotal, RPGs                      | 1,429   | 618,222          | 1,422   | 609,493          | 1,440   | 628,835          | 1,350   | 587,848        | 1,307   | 608,953          | 1,246   | 603,905          | 1,254   | 632,375          | 1,276   | 649,756          | 1,324   | 719,719          | 1,398   | 1,008,264        |  |
| SBIR/STTR                           | 48      | 19,066           | 44      | 20,580           | 56      | 20,242           | 51      | 20,009         | 56      | 21,417           | 46      | 22,173           | 63      | 24,743           | 61      | 27,610           | 67      | 29,802           | 108     | 48,686           |  |
| Subtotal, RPGs                      | 1,477   | 637,288          | 1,466   | 630,073          | 1,496   | 649,077          | 1,401   | 607,857        | 1,363   | 630,370          | 1,292   | 626,078          | 1,317   | 657,118          | 1,337   | 677,365          | 1,391   | 749,521          | 1,506   | 1,056,950        |  |
| Research Centers:                   |         |                  |         |                  |         |                  |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Spec/Comp.                          | 48      | 74,008           | 45      | 72,016           | 38      | 63,546           | 37      | 60,789         | 35      | 57,390           | 34      | 58,491           | 34      | 59,469           | 31      | 58,288           | 31      | 58,048           | 28      | 65,523           |  |
| Clinical Research                   | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Biotechnology                       | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Comparative Med.                    | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| RCMI                                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Subtotal, Centers                   | 48      | 74,008           | 45      | 72,016           | 38      | 63,546           | 37      | 60,789         | 35      | 57,390           | 34      | 58,491           | 34      | 59,469           | 31      | 58,288           | 31      | 58,048           | 28      | 65,523           |  |
| Other Research:                     |         |                  |         |                  |         |                  |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Research Careers                    | 243     | 38,314           | 219     | 35,128           | 211     | 34,638           | 201     | 33,698         | 211     | 34,455           | 200     | 34,080           | 198     | 34,297           | 219     | 39,276           | 221     | 39,950           | 221     | 40,734           |  |
| Cancer Ed.                          | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| Coop. Cl.                           | 17      | 34,848           | 13      | 32,928           | 13      | 33,291           | 13      | 32,211         | 13      | 31,886           | 13      | 30,399           | 13      | 27,899           | 13      | 27,954           | 13      | 31,169           | 27      | 118,274          |  |
| BRS                                 | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0              | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                | 0       | 0                |  |
| MBRS                                | 0       | 0                | 0       | 0                | 0       | 1,366            | 0       | 1,311          | 0       | 1,311            | 0       | 1,311            | 0       | 1,311            | 0       | 1,311            | 0       | 1,300            | 0       | 1,413            |  |
| Other                               | 61      | 13,726           | 71      | 14,935           | 73      | 14,821           | 64      | 13,162         | 66      | 14,422           | 70      | 14,926           | 64      | 16,404           | 61      | 15,381           | 59      | 15,261           | 60      | 47,381           |  |
| Subtotal, Other                     | 321     | 86,888           | 303     | 82,991           | 297     | 84,116           | 278     | 80,382         | 290     | 82,074           | 283     | 80,716           | 275     | 79,911           | 293     | 83,923           | 293     | 87,680           | 308     | 207,803          |  |
| Total, Res. Grants                  | 1,846   | 798,184          | 1,814   | 785,080          | 1,831   | 796,739          | 1,716   | 749,027        | 1,688   | 769,835          | 1,609   | 765,285          | 1,626   | 796,498          | 1,661   | 819,576          | 1,715   | 895,250          | 1,842   | 1,330,276        |  |
| Training:                           |         |                  |         |                  |         |                  |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         |                  |  |
| Individual                          | 165     | 6,194            | 162     | 6,260            | 164     | 6,428            | 153     | 5,947          | 141     | 5,725            | 135     | 5,430            | 118     | 5,014            | 120     | 5,082            | 110     | 4,936            | 104     | 4,678            |  |
| Institutional                       | 398     | 18,781           | 407     | 18,785           | 393     | 18,806           | 377     | 18,188         | 414     | 18,196           | 411     | 18,301           | 365     | 19,526           | 363     | 20,248           | 373     | 20,642           | 370     | 21,030           |  |
| Total, Training                     | 563     | 24,975           | 569     | 25,045           | 557     | 25,234           | 530     | 24,136         | 555     | 23,921           | 546     | 23,731           | 483     | 24,540           | 483     | 25,330           | 483     | 25,578           | 474     | 25,708           |  |
| R & D Contracts (SBIR/STTR)         | 185     | 95,100           | 173     | 90,439           | 169     | 80,459           | 74      | 75,571         | 89      | 75,565           | 87      | 75,723           | 123     | 74,270           | 82      | 70,510           | 85      | 82,061           | 93      | 99,615           |  |
|                                     | (0)     | (0)              | (11)    | (4,704)          | (19)    | (6,437)          | (15)    | (5,848)        | (13)    | (6,347)          | (15)    | (6,442)          | (16)    | (6,522)          | (14)    | (5,665)          | (0)     | (5,813)          | (12)    | (4,067)          |  |
| Intramural Research                 |         | 87,797           |         | 87,858           |         | 87,850           |         | 125            |         | 84,764           |         | 87,287           |         | 88,968           |         | 90,268           |         | 93,447           |         | 96,233           |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 60,853           |         | 62,097           |         | 62,086           |         | 269            |         | 59,906           |         | 61,349           |         | 61,988           |         | 63,394           |         | 64,837           |         | 69,501           |  |
| Cancer Control                      |         |                  |         |                  |         |                  |         | (0)            |         | (32)             |         | (0)              |         | (340)            |         | (305)            |         | (268)            |         | (0)              |  |
| Construction                        |         |                  |         |                  |         |                  |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         | (258)            |  |
| B&F                                 |         |                  |         |                  |         |                  |         |                |         |                  |         |                  |         |                  |         |                  |         |                  |         | (0)              |  |
| <b>NIDA Total Obligations</b>       |         | <b>1,066,909</b> |         | <b>1,050,519</b> |         | <b>1,052,368</b> |         | <b>993,404</b> |         | <b>1,017,957</b> |         | <b>1,015,695</b> |         | <b>1,048,971</b> |         | <b>1,070,813</b> |         | <b>1,161,149</b> |         | <b>1,621,334</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIDA

| Mechanism <sup>1</sup>        | FY 2020      |                  | FY 2021      |                  | FY 2022      |                  | FY 2023      |                  | FY 2024      |                  |
|-------------------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|
|                               | No.          | Amount           |
| Research Proj.:               |              |                  |              |                  |              |                  |              |                  |              |                  |
| Noncompeting                  | 949          | 635,899          | 950          | 678,577          | 937          | 645,650          | 952          | 670,130          | 1,017        | 763,065          |
| Admin. Supp.                  | (113)        | 12,666           | (180)        | 19,448           | (107)        | 21,321           | (107)        | 16,305           | (98)         | 12,731           |
| Competing                     | 354          | 247,899          | 309          | 208,282          | 405          | 311,360          | 399          | 294,039          | 382          | 238,857          |
| Subtotal, RPGs                | 1,303        | 896,464          | 1,259        | 906,307          | 1,342        | 978,332          | 1,351        | 980,473          | 1,399        | 1,014,653        |
| SBIR/STTR                     | 92           | 43,082           | 70           | 41,373           | 78           | 50,641           | 78           | 52,012           | 76           | 51,730           |
| Subtotal, RPGs                | 1,395        | 939,546          | 1,329        | 947,681          | 1,420        | 1,028,973        | 1,429        | 1,032,485        | 1,475        | 1,066,383        |
| <b>Research Centers:</b>      |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| Spec/Comp.                    | 26           | 53,417           | 27           | 58,229           | 27           | 59,569           | 30           | 67,767           | 26           | 59,194           |
| Clinical Research             | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Biotechnology                 | 0            | 250              | 0            | 200              | 0            | 0                | 0            | 0                | 0            | 0                |
| Comparative Med.              | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| RCMI                          | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Subtotal, Centers             | 26           | 53,667           | 27           | 58,429           | 27           | 59,569           | 30           | 67,767           | 26           | 59,194           |
| <b>Other Research:</b>        |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| Research Careers              | 229          | 42,063           | 236          | 44,880           | 239          | 45,036           | 262          | 49,623           | 272          | 51,103           |
| Cancer Ed.                    | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Coop. Cl.                     | 28           | 99,126           | 27           | 97,628           | 27           | 84,235           | 28           | 83,766           | 26           | 46,357           |
| BRS                           | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| MBRS                          | 0            | 1,270            | 0            | 1,297            | 0            | 1,869            | 0            | 2,039            | 0            | 1,984            |
| Other                         | 92           | 29,872           | 68           | 27,191           | 77           | 56,700           | 84           | 67,565           | 95           | 68,820           |
| Subtotal, Other               | 349          | 172,330          | 331          | 170,996          | 343          | 187,840          | 374          | 202,993          | 393          | 168,264          |
| <b>Total, Res. Grants</b>     | <b>1,770</b> | <b>1,165,543</b> | <b>1,687</b> | <b>1,177,106</b> | <b>1,790</b> | <b>1,276,382</b> | <b>1,833</b> | <b>1,303,245</b> | <b>1,894</b> | <b>1,293,841</b> |
| <b>Training:</b>              |              |                  |              |                  |              |                  |              |                  |              |                  |
| Individual                    | FTIPs 124    | 5,615            | ETIPs 149    | 6,741            | ETIPs 165    | 7,598            | ETIPs 178    | 8,172            | ETIPs 174    | 8,407            |
| Institutional                 | 388          | 20,871           | 367          | 20,585           | 351          | 21,640           | 354          | 20,545           | 351          | 21,976           |
| Total, Training               | 512          | 26,486           | 516          | 27,326           | 516          | 29,237           | 532          | 28,717           | 525          | 30,383           |
| <b>R &amp; D Contracts</b>    |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| (SBIR/STTR)                   | 93           | 89,653           | 88           | 93,763           | 89           | 109,365          | 109          | 129,265          | 110          | 121,715          |
|                               | (5)          | (3,601)          | (4)          | (6,584)          | (0)          | (692)            | (1)          | (1,753)          | (0)          | (986)            |
|                               |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| Intramural Research           | 117          | 100,748          | 121          | 101,478          | 121          | 103,833          | 125          | 116,538          | 125          | 125,468          |
| Res. Mgmt and Support         | 246          | 75,252           | 268          | 76,131           | 275          | 77,252           | 294          | 85,554           | 312          | 91,908           |
| (SBIR Admin.)                 | (0)          | (311)            | (0)          | (235)            | (0)          | (164)            | (0)          | (92)             | (0)          | (259)            |
| Cancer Control                |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| Construction                  |              | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| B&F                           |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |
| <b>NIDA Total Obligations</b> |              | <b>1,457,683</b> |              | <b>1,475,805</b> |              | <b>1,596,069</b> |              | <b>1,663,319</b> |              | <b>1,663,316</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

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| Mechanism <sup>1</sup>              | FY 2000    |                | FY 2001    |                | FY 2002    |                | FY 2003    |                | FY 2004    |                | FY 2005    |                | FY 2006    |                | FY 2007    |                | FY 2008    |                | FY 2009    |                |  |
|-------------------------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|--|
|                                     | No.        | Amount         |  |
| Research Proj.:                     |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Noncompeting                        | 441        | 124,238        | 473        | 144,180        | 513        | 170,266        | 529        | 182,097        | 535        | 193,401        | 524        | 188,156        | 543        | 190,442        | 537        | 187,538        | 542        | 192,681        | 530        | 192,532        |  |
| Admin. Supp.                        | (39)       | 1,836          | (35)       | 1,557          | (43)       | 3,308          | (34)       | 1,963          | (40)       | 3,069          | (29)       | 1,736          | (33)       | 3,186          | (22)       | 1,089          | (37)       | 2,539          | (38)       | 3,038          |  |
| Competing                           | 182        | 48,696         | 196        | 55,439         | 192        | 53,372         | 188        | 60,790         | 202        | 55,496         | 203        | 65,870         | 187        | 56,780         | 203        | 66,793         | 194        | 61,206         | 191        | 66,358         |  |
| Subtotal, RPGs                      | 623        | 174,770        | 669        | 201,176        | 705        | 226,946        | 717        | 244,850        | 737        | 251,966        | 727        | 255,762        | 730        | 250,408        | 740        | 255,420        | 736        | 256,426        | 721        | 261,928        |  |
| SBIR/STTR                           | 22         | 5,331          | 15         | 4,735          | 20         | 8,207          | 32         | 7,593          | 28         | 8,749          | 20         | 8,770          | 30         | 8,625          | 32         | 9,890          | 25         | 8,933          | 28         | 9,654          |  |
| Subtotal, RPGs                      | 645        | 180,101        | 684        | 205,911        | 725        | 235,153        | 749        | 252,443        | 765        | 260,715        | 747        | 264,532        | 760        | 259,033        | 772        | 265,310        | 761        | 265,359        | 749        | 271,582        |  |
| <b>Research Centers:</b>            |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Spec/Comp.                          | 15         | 24,157         | 15         | 24,946         | 15         | 25,750         | 16         | 26,126         | 18         | 29,593         | 18         | 30,201         | 18         | 29,687         | 17         | 27,590         | 19         | 27,084         | 20         | 27,942         |  |
| Clinical Research                   | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Biotechnology                       | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Comparative Med.                    | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 139            | 0          | 0              |  |
| RCMI                                | 0          | 0              | 0          | 0              | 0          | 141            | 0          | 45             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Subtotal, Centers                   | 15         | 24,157         | 15         | 24,946         | 15         | 25,891         | 16         | 26,171         | 18         | 29,593         | 18         | 30,201         | 18         | 29,687         | 17         | 27,590         | 19         | 27,223         | 20         | 27,942         |  |
| <b>Other Research:</b>              |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Research Careers                    | 74         | 8,280          | 83         | 9,514          | 80         | 9,429          | 80         | 9,688          | 75         | 9,794          | 88         | 11,870         | 83         | 11,560         | 83         | 11,839         | 95         | 13,766         | 97         | 14,763         |  |
| Cancer Ed.                          | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Coop. Cl.                           | 13         | 11,748         | 13         | 11,919         | 13         | 11,665         | 13         | 11,326         | 13         | 9,489          | 1          | 6,030          | 2          | 8,899          | 2          | 8,695          | 2          | 8,992          | 2          | 9,075          |  |
| BRS                                 | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| MBRS                                | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Other                               | 11         | 2,338          | 12         | 3,643          | 6          | 4,472          | 16         | 7,294          | 28         | 8,158          | 38         | 9,822          | 35         | 7,941          | 26         | 6,590          | 25         | 5,667          | 25         | 5,716          |  |
| Subtotal, Other                     | 98         | 22,366         | 108        | 25,076         | 99         | 25,566         | 109        | 28,308         | 116        | 27,441         | 127        | 27,722         | 120        | 28,400         | 111        | 27,124         | 122        | 28,425         | 124        | 29,554         |  |
| <b>Total, Res. Grants</b>           | <b>758</b> | <b>226,624</b> | <b>807</b> | <b>255,933</b> | <b>839</b> | <b>286,610</b> | <b>874</b> | <b>306,922</b> | <b>899</b> | <b>317,749</b> | <b>892</b> | <b>322,455</b> | <b>898</b> | <b>317,120</b> | <b>900</b> | <b>320,024</b> | <b>902</b> | <b>321,007</b> | <b>893</b> | <b>329,078</b> |  |
| <b>Training:</b>                    |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Individual                          | FTIPs: 47  | 1,294          | FTIPs: 53  | 1,481          | FTIPs: 49  | 1,482          | FTIPs: 58  | 1,916          | FTIPs: 56  | 1,946          | FTIPs: 68  | 2,495          | FTIPs: 80  | 2,927          | FTIPs: 86  | 3,052          | FTIPs: 91  | 3,238          | FTIPs: 107 | 3,634          |  |
| Institutional                       | 188        | 6,479          | 194        | 7,380          | 188        | 8,000          | 197        | 8,524          | 208        | 9,350          | 181        | 7,962          | 197        | 7,962          | 204        | 8,292          | 209        | 8,396          | 199        | 8,091          |  |
| Total, Training                     | 235        | 7,773          | 247        | 8,861          | 237        | 9,482          | 255        | 10,440         | 264        | 11,296         | 249        | 9,731          | 277        | 10,889         | 290        | 11,344         | 300        | 11,634         | 306        | 11,725         |  |
| R & D Contracts (SBIR/STTR)         | 39         | 17,369         | 38         | 25,063         | 31         | 30,291         | 32         | 35,772         | 34         | 33,523         | 23         | 35,216         | 25         | 33,786         | 22         | 32,647         | 30         | 31,631         | 67         | 33,431         |  |
|                                     | (5)        | (1,146)        | (4)        | (2,758)        | (3)        | (300)          | (2)        | (1,576)        | (9)        | (1,247)        | (4)        | (1,366)        | (7)        | (1,455)        | (2)        | (358)          | (6)        | (1,203)        | (4)        | (825)          |  |
| Intramural Research                 |            | 25,973         |            | 33,000         |            | 37,259         |            | 41,351         |            | 42,450         |            | 45,345         |            | 45,573         |            | 46,015         |            | 47,433         |            | 48,531         |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 14,189         |            | 17,294         |            | 19,532         |            | 21,475         |            | 22,205         |            | 22,756         |            | 24,358         |            | 25,336         |            | 26,134         |            | 26,759         |  |
| Cancer Control                      |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| Construction                        |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| B&F                                 |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| <b>NIAAA Total Obligations</b>      |            | <b>291,928</b> |            | <b>340,151</b> |            | <b>383,174</b> |            | <b>415,960</b> |            | <b>427,223</b> |            | <b>435,503</b> |            | <b>431,726</b> |            | <b>435,366</b> |            | <b>437,839</b> |            | <b>449,524</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIAAA

| Mechanism <sup>1</sup>              | FY 2010    |                | FY 2011    |                | FY 2012    |                | FY 2013    |                | FY 2014   |                | FY 2015    |                | FY 2016    |                | FY 2017    |                | FY 2018    |                | FY 2019    |                |  |
|-------------------------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|-----------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|--|
|                                     | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.       | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         |  |
| Research Proj.:                     |            |                |            |                |            |                |            |                |           |                |            |                |            |                |            |                |            |                |            |                |  |
| Noncompeting                        | 517        | 200,035        | 535        | 207,425        | 472        | 192,173        | 482        | 182,889        | 477       | 184,107        | 495        | 187,270        | 464        | 184,267        | 448        | 179,550        | 485        | 191,017        | 580        | 226,217        |  |
| Admin. Supp.                        | (49)       | 3,417          | (43)       | 2,111          | (28)       | 1,491          | (35)       | 1,269          | (35)      | 2,349          | (27)       | 2,091          | (29)       | 3,102          | (37)       | 5,056          | (36)       | 2,487          | (23)       | 2,985          |  |
| Competing                           | 189        | 67,384         | 150        | 53,152         | 167        | 60,881         | 166        | 55,292         | 180       | 60,451         | 156        | 52,828         | 170        | 61,175         | 201        | 74,103         | 253        | 90,130         | 159        | 66,417         |  |
| Subtotal, RPGs                      | 706        | 270,836        | 685        | 262,688        | 639        | 254,545        | 648        | 239,450        | 657       | 246,907        | 651        | 242,189        | 634        | 248,544        | 649        | 258,709        | 738        | 283,635        | 739        | 295,619        |  |
| SBIR/STTR                           | 24         | 9,260          | 22         | 8,449          | 24         | 9,802          | 23         | 7,951          | 29        | 9,329          | 23         | 10,449         | 31         | 11,801         | 33         | 14,049         | 31         | 15,173         | 21         | 13,380         |  |
| Subtotal, RPGs                      | 730        | 280,096        | 707        | 271,137        | 663        | 264,347        | 671        | 247,401        | 686       | 256,236        | 674        | 252,638        | 665        | 260,344        | 682        | 272,758        | 769        | 298,807        | 760        | 306,999        |  |
| Research Centers:                   |            |                |            |                |            |                |            |                |           |                |            |                |            |                |            |                |            |                |            |                |  |
| Spec/Comp.                          | 21         | 28,004         | 21         | 27,675         | 21         | 27,421         | 18         | 25,852         | 17        | 26,350         | 18         | 28,019         | 20         | 30,596         | 20         | 30,235         | 20         | 30,027         | 21         | 31,622         |  |
| Clinical Research                   | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Biotechnology                       | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Comparative Med.                    | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| RCMI                                | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Subtotal, Centers                   | 21         | 28,004         | 21         | 27,675         | 21         | 27,421         | 18         | 25,852         | 17        | 26,350         | 18         | 28,019         | 20         | 30,596         | 20         | 30,235         | 20         | 30,027         | 21         | 31,622         |  |
| Other Research:                     |            |                |            |                |            |                |            |                |           |                |            |                |            |                |            |                |            |                |            |                |  |
| Research Careers                    | 93         | 14,483         | 94         | 14,634         | 94         | 14,817         | 95         | 14,398         | 93        | 14,304         | 88         | 14,024         | 95         | 15,241         | 107        | 17,538         | 120        | 19,357         | 124        | 20,173         |  |
| Cancer Ed.                          | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Coop. Cl.                           | 2          | 9,173          | 1          | 6,578          | 1          | 6,565          | 1          | 6,096          | 1         | 6,750          | 1          | 7,250          | 2          | 9,481          | 1          | 9,391          | 1          | 7,344          | 1          | 7,500          |  |
| BRS                                 | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0         | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| MBRS                                | 0          | 0              | 0          | 0              | 1          | 320            | 1          | 340            | 0         | 0              | 1          | 340            | 1          | 340            | 1          | 340            | 0          | 500            | 0          | 500            |  |
| Other                               | 21         | 6,340          | 29         | 9,520          | 37         | 14,938         | 38         | 14,239         | 43        | 15,091         | 46         | 15,628         | 49         | 15,194         | 51         | 14,275         | 52         | 15,883         | 57         | 17,386         |  |
| Subtotal, Other                     | 116        | 29,996         | 124        | 30,732         | 133        | 36,640         | 135        | 35,073         | 137       | 36,145         | 136        | 37,242         | 147        | 40,257         | 160        | 41,544         | 173        | 43,083         | 182        | 45,559         |  |
| Total, Res. Grants                  | 867        | 338,096        | 852        | 329,544        | 817        | 326,408        | 824        | 308,326        | 840       | 318,731        | 828        | 317,899        | 832        | 331,198        | 862        | 344,537        | 962        | 371,918        | 963        | 386,179        |  |
| Training:                           |            |                |            |                |            |                |            |                |           |                |            |                |            |                |            |                |            |                |            |                |  |
| Individual                          | FTIPs: 107 | 3,816          | FTIPs: 110 | 3,988          | FTIPs: 108 | 4,159          | FTIPs: 106 | 4,120          | FTIPs: 95 | 3,951          | FTIPs: 104 | 4,234          | FTIPs: 111 | 4,627          | FTIPs: 107 | 4,496          | FTIPs: 112 | 4,958          | FTIPs: 113 | 5,030          |  |
| Institutional                       | 182        | 8,026          | 190        | 7,951          | 179        | 7,888          | 164        | 7,313          | 174       | 7,691          | 170        | 8,456          | 178        | 8,427          | 173        | 9,278          | 193        | 9,726          | 213        | 9,939          |  |
| Total, Training                     | 289        | 11,842         | 300        | 11,939         | 287        | 12,047         | 270        | 11,433         | 269       | 11,642         | 274        | 12,689         | 289        | 13,054         | 280        | 13,774         | 305        | 14,684         | 326        | 14,969         |  |
| R & D Contracts (SBIR/STTR)         | 70         | 35,197         | 69         | 38,763         | 65         | 40,590         | 65         | 37,518         | 68        | 36,760         | 60         | 36,614         | 63         | 39,400         | 44         | 38,615         | 42         | 34,424         | 70         | 34,173         |  |
|                                     | (4)        | (1,520)        | (5)        | (2,169)        | (6)        | (1,408)        | (7)        | (2,921)        | (0)       | (2,351)        | (0)        | (1,600)        | (2)        | (1,419)        | (2)        | (390)          | (2)        | (30)           | (7)        | (2,371)        |  |
| Intramural Research                 |            | 47,788         |            | 48,760         |            | 48,781         |            | 46,829         |           | 49,006         |            | 49,471         |            | 49,559         |            | 51,042         |            | 52,803         |            | 54,359         |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 28,621         |            | 29,251         |            | 29,253         |            | 29,141         |           | 30,143         |            | 30,478         |            | 33,503         |            | 34,482         |            | 34,569         |            | 35,601         |  |
| Cancer Control                      |            |                |            |                |            |                |            |                |           |                |            |                |            |                |            |                |            |                |            |                |  |
| Construction                        |            |                |            |                |            |                |            |                |           |                |            |                |            |                |            |                |            |                |            |                |  |
| B&F                                 |            |                |            |                |            |                |            |                |           |                |            |                |            |                |            |                |            |                |            |                |  |
| <b>NIAAA Total Obligations</b>      |            | <b>461,544</b> |            | <b>458,257</b> |            | <b>459,079</b> |            | <b>433,247</b> |           | <b>446,282</b> |            | <b>447,152</b> |            | <b>466,713</b> |            | <b>482,449</b> |            | <b>508,398</b> |            | <b>525,282</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIAAA

| Mechanism <sup>1</sup>         | FY 2020    |                | FY 2021       |                | FY 2022    |                | FY 2023    |                | FY 2024       |                |            |               |       |            |               |
|--------------------------------|------------|----------------|---------------|----------------|------------|----------------|------------|----------------|---------------|----------------|------------|---------------|-------|------------|---------------|
|                                | No.        | Amount         | No.           | Amount         | No.        | Amount         | No.        | Amount         | No.           | Amount         |            |               |       |            |               |
| Research Proj.:                |            |                |               |                |            |                |            |                |               |                |            |               |       |            |               |
| Noncompeting                   | 568        | 225,539        | 554           | 237,202        | 508        | 236,513        | 507        | 248,831        | 551           | 272,847        |            |               |       |            |               |
| Admin. Supp.                   | (61)       | 6,139          | (63)          | 6,748          | (41)       | 3,506          | (51)       | 5,387          | (38)          | 4,108          |            |               |       |            |               |
| Competing                      | 161        | 77,258         | 143           | 67,559         | 204        | 88,581         | 219        | 93,050         | 148           | 61,305         |            |               |       |            |               |
| Subtotal, RPGs                 | 729        | 308,936        | 697           | 311,509        | 712        | 328,600        | 726        | 347,267        | 699           | 338,260        |            |               |       |            |               |
| SBIR/STTR                      | 21         | 14,603         | 23            | 16,123         | 20         | 14,396         | 21         | 15,072         | 21            | 17,416         |            |               |       |            |               |
| Subtotal, RPGs                 | 750        | 323,539        | 720           | 327,632        | 732        | 342,995        | 747        | 362,339        | 720           | 355,676        |            |               |       |            |               |
| <b>Research Centers:</b>       |            | 0              |               | 0              |            | 0              |            | 0              |               | 0              |            |               |       |            |               |
| Spec/Comp.                     | 21         | 31,739         | 21            | 33,130         | 23         | 33,773         | 23         | 33,803         | 23            | 34,344         |            |               |       |            |               |
| Clinical Research              | 0          | 0              | 0             | 0              | 0          | 0              | 0          | 0              | 0             | 0              |            |               |       |            |               |
| Biotechnology                  | 0          | 0              | 0             | 0              | 0          | 0              | 0          | 0              | 0             | 0              |            |               |       |            |               |
| Comparative Med.               | 0          | 0              | 0             | 0              | 0          | 0              | 0          | 0              | 0             | 0              |            |               |       |            |               |
| RCMI                           | 0          | 0              | 0             | 0              | 0          | 0              | 0          | 0              | 0             | 0              |            |               |       |            |               |
| Subtotal, Centers              | 21         | 31,739         | 21            | 33,130         | 23         | 33,773         | 23         | 33,803         | 23            | 34,344         |            |               |       |            |               |
| <b>Other Research:</b>         |            | 0              |               | 0              |            | 0              |            | 0              |               | 0              |            |               |       |            |               |
| Research Careers               | 130        | 22,490         | 142           | 24,567         | 153        | 26,249         | 147        | 25,791         | 132           | 23,172         |            |               |       |            |               |
| Cancer Ed.                     | 0          | 0              | 0             | 0              | 0          | 0              | 0          | 0              | 0             | 0              |            |               |       |            |               |
| Coop. Cl.                      | 1          | 7,233          | 1             | 7,648          | 1          | 7,500          | 1          | 7,500          | 1             | 5,906          |            |               |       |            |               |
| BRS                            | 0          | 0              | 0             | 0              | 0          | 0              | 0          | 0              | 1             | 248            |            |               |       |            |               |
| MBRS                           | 0          | 500            | 0             | 594            | 0          | 100            | 0          | 100            | 0             | 100            |            |               |       |            |               |
| Other                          | 51         | 17,834         | 40            | 14,727         | 36         | 14,632         | 33         | 11,654         | 36            | 17,270         |            |               |       |            |               |
| Subtotal, Other                | 182        | 48,057         | 183           | 47,537         | 190        | 48,480         | 181        | 45,044         | 170           | 46,697         |            |               |       |            |               |
| <b>Total, Res. Grants</b>      | <b>953</b> | <b>403,335</b> | <b>924</b>    | <b>408,298</b> | <b>945</b> | <b>425,248</b> | <b>951</b> | <b>441,186</b> | <b>913</b>    | <b>436,717</b> |            |               |       |            |               |
| <b>Training:</b>               |            |                |               |                |            |                |            |                |               |                |            |               |       |            |               |
| Individual                     | FTIPs      | 108            | 5,009         | ETIPs          | 119        | 5,504          | ETIPs      | 132            | 6,140         | ETIPs          | 125        | 5,814         | ETIPs | 121        | 5,958         |
| Institutional                  |            | 215            | 10,509        |                | 212        | 10,754         |            | 194            | 10,703        |                | 204        | 11,446        |       | 181        | 11,491        |
| <b>Total, Training</b>         |            | <b>323</b>     | <b>15,517</b> |                | <b>331</b> | <b>16,258</b>  |            | <b>326</b>     | <b>16,842</b> |                | <b>329</b> | <b>17,260</b> |       | <b>302</b> | <b>17,449</b> |
| <b>R &amp; D Contracts</b>     |            | 0              |               | 0              |            | 0              |            | 0              |               | 0              |            | 0             |       | 0          |               |
| (SBIR/STTR)                    |            | 55             | 34,133        |                | 58         | 33,080         |            | 47             | 34,387        |                | 47         | 35,716        |       | 53         | 37,720        |
|                                |            | (7)            | (1,827)       |                | (5)        | (474)          |            | (6)            | (3,029)       |                | (6)        | (3,312)       |       | (3)        | (413)         |
|                                |            | 0              | 0             |                | 0          | 0              |            | 0              | 0             |                | 0          | 0             |       | 0          | 0             |
| Intramural Research            |            | 86             | 56,498        |                | 85         | 57,713         |            | 81             | 59,410        |                | 79         | 62,095        |       | 79         | 63,836        |
| Res. Mgmt and Support          |            | 133            | 37,207        |                | 130        | 37,851         |            | 125            | 38,989        |                | 125        | 40,347        |       | 125        | 41,357        |
| (SBIR Admin.)                  |            | (0)            | (0)           |                | (0)        | (0)            |            | (0)            | (0)           |                | (0)        | (0)           |       | (0)        | (129)         |
| Cancer Control                 |            | 0              | 0             |                | 0          | 0              |            | 0              | 0             |                | 0          | 0             |       | 0          | 0             |
| Construction                   |            | 0              | 0             |                | 0          | 0              |            | 0              | 0             |                | 0          | 0             |       | 0          | 0             |
| B&F                            |            | 0              | 0             |                | 0          | 0              |            | 0              | 0             |                | 0          | 0             |       | 0          | 0             |
| <b>NIAAA Total Obligations</b> |            | <b>546,691</b> |               | <b>553,201</b> |            | <b>574,877</b> |            | <b>596,605</b> |               | <b>597,079</b> |            |               |       |            |               |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NINR

| Mechanism <sup>1</sup>              | FY 2000 |               | FY 2001 |                | FY 2002 |                | FY 2003 |                | FY 2004 |                | FY 2005 |                | FY 2006 |                | FY 2007 |                | FY 2008 |                | FY 2009 |                |  |
|-------------------------------------|---------|---------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|                                     | No.     | Amount        | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         |  |
| Research Proj.:                     |         |               |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                        | 136     | 38,399        | 169     | 53,548         | 173     | 57,492         | 182     | 67,312         | 196     | 71,895         | 186     | 68,453         | 195     | 71,530         | 164     | 62,598         | 188     | 71,924         | 179     | 69,783         |  |
| Admin. Supp.                        | (10)    | 777           | (11)    | 1,119          | (24)    | 2,061          | (6)     | 213            | (6)     | 809            | (3)     | 276            | (9)     | 341            | (4)     | 337            | (6)     | 442            | (8)     | 492            |  |
| Competing                           | 81      | 27,120        | 78      | 22,688         | 81      | 27,152         | 100     | 27,952         | 84      | 24,176         | 98      | 29,859         | 73      | 24,222         | 103     | 32,790         | 77      | 24,628         | 80      | 30,331         |  |
| Subtotal, RPGs                      | 217     | 66,296        | 247     | 77,355         | 254     | 86,705         | 282     | 95,477         | 280     | 96,880         | 284     | 98,588         | 268     | 96,093         | 267     | 95,725         | 265     | 96,994         | 259     | 100,606        |  |
| SBIR/STTR                           | 10      | 2,051         | 8       | 2,403          | 9       | 2,715          | 10      | 2,968          | 14      | 3,214          | 13      | 3,297          | 12      | 3,297          | 10      | 3,295          | 17      | 3,267          | 9       | 3,394          |  |
| Subtotal, RPGs                      | 227     | 68,347        | 255     | 79,758         | 263     | 89,420         | 292     | 98,445         | 294     | 100,094        | 297     | 101,885        | 280     | 99,390         | 277     | 99,020         | 282     | 100,261        | 268     | 104,000        |  |
| Research Centers:                   |         |               |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                          | 10      | 3,582         | 19      | 5,137          | 35      | 6,785          | 35      | 6,895          | 33      | 7,980          | 36      | 9,282          | 36      | 9,335          | 22      | 8,248          | 21      | 7,851          | 15      | 5,238          |  |
| Clinical Research                   | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology                       | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Comparative Med.                    | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| RCMI                                | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 10      | 3,582         | 19      | 5,137          | 35      | 6,785          | 35      | 6,895          | 33      | 7,980          | 36      | 9,282          | 36      | 9,335          | 22      | 8,248          | 21      | 7,851          | 15      | 5,238          |  |
| Other Research:                     |         |               |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                    | 32      | 2,305         | 30      | 2,035          | 33      | 2,375          | 31      | 2,547          | 32      | 2,955          | 24      | 2,567          | 23      | 2,519          | 30      | 3,202          | 32      | 3,145          | 32      | 3,281          |  |
| Cancer Ed.                          | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| BRS                                 | 0       | 0             | 0       | 0              | 0       | 368            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                | 0       | 0             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Other                               | 2       | 410           | 1       | 339            | 1       | 684            | 1       | 739            | 0       | 481            | 0       | 511            | 0       | 486            | 0       | 554            | 0       | 397            | 0       | 300            |  |
| Subtotal, Other                     | 34      | 2,715         | 31      | 2,374          | 34      | 3,427          | 32      | 3,286          | 32      | 3,436          | 24      | 3,078          | 23      | 3,005          | 30      | 3,756          | 32      | 3,542          | 32      | 3,581          |  |
| Total, Res. Grants                  | 271     | 74,644        | 305     | 87,269         | 332     | 99,632         | 359     | 108,626        | 359     | 111,510        | 357     | 114,245        | 339     | 111,730        | 329     | 111,024        | 335     | 111,654        | 315     | 112,819        |  |
| Training:                           |         |               |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                          | 87      | 2,085         | 99      | 2,498          | 102     | 2,731          | 80      | 2,164          | 92      | 2,858          | 80      | 2,447          | 86      | 2,774          | 92      | 2,864          | 77      | 2,446          | 78      | 2,530          |  |
| Institutional                       | 132     | 4,527         | 151     | 5,420          | 172     | 7,035          | 185     | 7,543          | 185     | 7,122          | 155     | 6,722          | 155     | 6,672          | 154     | 7,224          | 153     | 6,587          | 148     | 6,466          |  |
| Total, Training                     | 219     | 6,612         | 250     | 7,918          | 274     | 9,766          | 265     | 9,707          | 277     | 9,980          | 235     | 9,169          | 241     | 9,446          | 246     | 10,088         | 230     | 9,033          | 226     | 8,996          |  |
| R & D Contracts (SBIR/STTR)         | 1       | 916           | 5       | 1,208          | 6       | 1,575          | 13      | 2,599          | 5       | 2,938          | 0       | 3,392          | 4       | 3,367          | 4       | 3,354          | 0       | 3,535          | 0       | 3,783          |  |
|                                     | (0)     | (0)           | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (6)            | (0)     | (7)            | (0)     | (7)            | (0)     | (9)            | (0)     | (9)            | (0)     | (6)            |  |
| Intramural Research                 |         | 1,750         |         | 1,301          |         | 1,586          |         | 1,534          |         | 1,576          |         | 1,804          |         | 2,388          |         | 3,333          |         | 3,854          |         | 4,827          |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 5,493         |         | 6,598          |         | 7,658          |         | 8,071          |         | 8,275          |         | 8,589          |         | 9,089          |         | 9,368          |         | 9,914          |         | 11,235         |  |
| Cancer Control                      |         | 0             |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| Construction                        |         | 0             |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| B&F                                 |         | 0             |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| <b>NINR Total Obligations</b>       |         | <b>89,415</b> |         | <b>104,294</b> |         | <b>120,217</b> |         | <b>130,537</b> |         | <b>134,279</b> |         | <b>137,199</b> |         | <b>136,020</b> |         | <b>137,167</b> |         | <b>137,990</b> |         | <b>141,660</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NINR

| Mechanism <sup>1</sup>              | FY 2010   |                | FY 2011   |                | FY 2012   |                | FY 2013   |                | FY 2014   |                | FY 2015   |                | FY 2016   |                | FY 2017   |                | FY 2018   |                | FY 2019 |                |  |
|-------------------------------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|---------|----------------|--|
|                                     | No.       | Amount         | No.     | Amount         |  |
| Research Proj.:                     |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |         |                |  |
| Noncompeting                        | 174       | 77,298         | 178       | 76,598         | 158       | 67,911         | 175       | 68,524         | 158       | 68,808         | 159       | 68,260         | 141       | 66,536         | 153       | 73,370         | 139       | 69,526         | 165     | 79,153         |  |
| Admin. Supp.                        | (3)       | 517            | (3)       | 98             | (1)       | 57             | (2)       | 87             | (4)       | 268            | (4)       | 390            | (5)       | 243            | (4)       | 251            | (7)       | 36             | (5)     | 459            |  |
| Competing                           | 58        | 23,481         | 59        | 23,250         | 81        | 30,427         | 53        | 21,827         | 53        | 22,488         | 46        | 22,271         | 56        | 25,620         | 51        | 22,111         | 71        | 29,634         | 55      | 25,205         |  |
| Subtotal, RPGs                      | 232       | 101,296        | 237       | 99,946         | 239       | 98,395         | 228       | 90,438         | 211       | 91,564         | 205       | 90,922         | 197       | 92,398         | 204       | 95,731         | 210       | 99,196         | 220     | 104,817        |  |
| SBIR/STTR                           | 9         | 3,474          | 9         | 3,305          | 12        | 3,448          | 11        | 3,310          | 10        | 3,586          | 6         | 3,672          | 13        | 3,974          | 9         | 4,309          | 16        | 4,557          | 11      | 4,660          |  |
| Subtotal, RPGs                      | 241       | 104,770        | 246       | 103,251        | 251       | 101,843        | 239       | 93,748         | 221       | 95,150         | 211       | 94,594         | 210       | 96,373         | 213       | 100,041        | 226       | 103,753        | 231     | 109,477        |  |
| Research Centers:                   |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |         |                |  |
| Spec/Comp.                          | 11        | 4,154          | 11        | 3,978          | 10        | 4,255          | 9         | 3,516          | 10        | 3,779          | 10        | 3,928          | 15        | 6,116          | 11        | 4,635          | 16        | 6,605          | 11      | 5,760          |  |
| Clinical Research                   | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| Biotechnology                       | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| Comparative Med.                    | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| RCMI                                | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 11        | 4,154          | 11        | 3,978          | 10        | 4,255          | 9         | 3,516          | 10        | 3,779          | 10        | 3,928          | 15        | 6,116          | 11        | 4,635          | 16        | 6,605          | 11      | 5,760          |  |
| Other Research:                     |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |         |                |  |
| Research Careers                    | 30        | 3,124          | 29        | 3,034          | 30        | 3,040          | 29        | 2,840          | 31        | 3,443          | 29        | 3,339          | 24        | 2,930          | 24        | 3,026          | 29        | 3,662          | 33      | 4,024          |  |
| Cancer Ed.                          | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| BRS                                 | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| MBRS                                | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0         | 0              | 0       | 0              |  |
| Other                               | 0         | 314            | 0         | 200            | 1         | 240            | 1         | 2,305          | 1         | 2,364          | 1         | 2,466          | 1         | 2,552          | 1         | 2,557          | 2         | 2,427          | 1       | 2,205          |  |
| Subtotal, Other                     | 30        | 3,438          | 29        | 3,234          | 31        | 3,280          | 30        | 5,145          | 32        | 5,807          | 30        | 5,804          | 25        | 5,481          | 25        | 5,583          | 31        | 6,089          | 34      | 6,229          |  |
| Total, Res. Grants                  | 282       | 112,362        | 286       | 110,463        | 292       | 109,378        | 278       | 102,409        | 263       | 104,737        | 251       | 104,326        | 250       | 107,970        | 249       | 110,259        | 273       | 116,447        | 276     | 121,466        |  |
| Training:                           |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |         |                |  |
| Individual                          | FTIPs: 78 | 2,559          | FTIPs: 81 | 2,708          | FTIPs: 71 | 2,465          | FTIPs: 69 | 2,374          | FTIPs: 57 | 1,981          | FTIPs: 53 | 1,762          | FTIPs: 47 | 1,754          | FTIPs: 36 | 1,398          | FTIPs: 42 | 1,602          |         |                |  |
| Institutional                       | 136       | 6,195          | 132       | 6,379          | 134       | 6,451          | 141       | 6,534          | 151       | 7,058          | 146       | 7,101          | 131       | 6,428          | 112       | 5,767          | 115       | 6,054          | 106     | 5,671          |  |
| Total, Training                     | 214       | 8,754          | 213       | 9,087          | 205       | 8,916          | 210       | 8,908          | 208       | 9,039          | 199       | 8,862          | 178       | 8,182          | 164       | 7,607          | 151       | 7,452          | 148     | 7,273          |  |
| R & D Contracts (SBIR/STTR)         | 0         | 4,026          | 0         | 4,268          | 0         | 4,227          | 0         | 4,031          | 0         | 4,262          | 0         | 4,359          | 0         | 4,541          | 0         | 4,316          | 0         | 4,723          | 0       | 4,909          |  |
|                                     | (0)       | (7)            | (0)       | (5)            | (0)       | (7)            | (0)       | (22)           | (0)       | (18)           | (0)       | (31)           | (0)       | (32)           | (0)       | (47)           | (0)       | (9)            | (0)     | (50)           |  |
| Intramural Research                 |           | 6,547          |           | 6,747          |           | 7,784          |           | 22             |           | 8,366          |           | 22             |           | 8,470          |           | 23             |           | 11,861         |         | 29             |  |
| Res. Mgmt and Support (SBIR Admin.) |           | 13,731         |           | 13,804         |           | 14,326         |           | 71             |           | 14,150         |           | 70             |           | 14,819         |           | 73             |           | 15,887         |         | 60             |  |
| Cancer Control                      |           |                |           |                |           |                |           | (0)            |           | (0)            |           | (0)            |           | (0)            |           | (0)            |           | (0)            |         | (0)            |  |
| Construction                        |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |         |                |  |
| B&F                                 |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |           |                |         |                |  |
| <b>NINR Total Obligations</b>       |           | <b>145,420</b> |           | <b>144,369</b> |           | <b>144,631</b> |           | <b>136,516</b> |           | <b>140,553</b> |           | <b>140,837</b> |           | <b>145,701</b> |           | <b>149,930</b> |           | <b>157,633</b> |         | <b>163,165</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NINR

| Mechanism <sup>1</sup>                 | FY 2020    |                | FY 2021    |                | FY 2022    |                | FY 2023    |                | FY 2024    |                |
|--|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
|  | No.        | Amount         |
| Research Proj.:                        |            |                |            |                |            |                |            |                |            |                |
| Noncompeting                           | 165        | 81,479         | 175        | 83,717         | 179        | 88,963         | 180        | 95,129         | 164        | 94,493         |
| Admin. Supp.                           | (9)        | 1,068          | (12)       | 1,963          | (4)        | 409            | (6)        | 857            | (7)        | 951            |
| Competing                              | 71         | 29,742         | 67         | 31,266         | 60         | 31,691         | 54         | 40,458         | 54         | 36,997         |
| Subtotal, RPGs                         | 236        | 112,290        | 242        | 116,946        | 239        | 121,063        | 234        | 136,444        | 218        | 132,441        |
| SBIR/STTR                              | 13         | 4,950          | 9          | 5,030          | 10         | 5,277          | 10         | 5,838          | 8          | 5,674          |
| Subtotal, RPGs                         | 249        | 117,239        | 251        | 121,976        | 249        | 126,340        | 244        | 142,283        | 226        | 138,115        |
| <b>Research Centers:</b>               |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| Spec/Comp.                             | 11         | 6,048          | 5          | 3,210          | 5          | 3,071          | 0          | 1,314          | 1          | 5,254          |
| Clinical Research                      | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Biotechnology                          | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Comparative Med.                       | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| RCMI                                   | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Subtotal, Centers                      | 11         | 6,048          | 5          | 3,210          | 5          | 3,071          | 0          | 1,314          | 1          | 5,254          |
| <b>Other Research:</b>                 |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| Research Careers                       | 40         | 4,903          | 39         | 5,077          | 39         | 5,605          | 31         | 4,593          | 29         | 4,492          |
| Cancer Ed.                             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| Coop. Cl.                              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| BRS                                    | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |
| MBRS                                   | 0          | 0              | 0          | 384            | 0          | 444            | 0          | 479            | 0          | 445            |
| Other                                  | 1          | 1,581          | 1          | 1,670          | 1          | 1,733          | 1          | 880            | 6          | 1,671          |
| Subtotal, Other                        | 41         | 6,485          | 40         | 7,131          | 40         | 7,783          | 32         | 5,952          | 35         | 6,608          |
| <b>Total, Res. Grants</b>              | <b>301</b> | <b>129,772</b> | <b>296</b> | <b>132,318</b> | <b>294</b> | <b>137,194</b> | <b>276</b> | <b>149,549</b> | <b>262</b> | <b>149,976</b> |
| <b>Training:</b>                       |            |                |            |                |            |                |            |                |            |                |
| Individual                             | FTIPs 36   | 1,436          | ETIPs 33   | 1,375          | ETIPs 48   | 1,959          | ETIPs 50   | 2,115          | ETIPs 42   | 1,832          |
| Institutional                          | 110        | 6,130          | 101        | 5,666          | 95         | 5,583          | 103        | 6,220          | 102        | 6,079          |
| <b>Total, Training</b>                 | <b>146</b> | <b>7,566</b>   | <b>134</b> | <b>7,041</b>   | <b>143</b> | <b>7,542</b>   | <b>153</b> | <b>8,335</b>   | <b>144</b> | <b>7,911</b>   |
| <b>R &amp; D Contracts (SBIR/STTR)</b> | <b>0</b>   | <b>5,673</b>   | <b>0</b>   | <b>6,428</b>   | <b>0</b>   | <b>5,827</b>   | <b>0</b>   | <b>5,991</b>   | <b>0</b>   | <b>5,875</b>   |
|  | (0)        | (52)           | (0)        | (53)           | (0)        | (56)           | (0)        | (64)           | (0)        | (101)          |
|  |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| Intramural Research                    | 27         | 13,182         | 24         | 11,906         | 18         | 11,091         | 17         | 11,766         | 14         | 10,892         |
| Res. Mgmt and Support (SBIR Admin.)    | 58         | 16,149         | 59         | 16,714         | 64         | 19,177         | 67         | 21,985         | 73         | 23,009         |
| Cancer Control                         | (0)        | (19)           | (0)        | (45)           | (0)        | (20)           | (0)        | (36)           | (0)        | (15)           |
| Construction                           |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| B&F                                    |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |
| <b>NINR Total Obligations</b>          |            | <b>172,342</b> |            | <b>174,407</b> |            | <b>180,831</b> |            | <b>197,626</b> |            | <b>197,663</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NHGRI

| Mechanism <sup>1</sup>                                  | FY 2000 |                | FY 2001 |                | FY 2002 |                | FY 2003 |                | FY 2004 |                | FY 2005 |                | FY 2006 |                | FY 2007 |                | FY 2008 |                | FY 2009 |                |  |
|---|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|   | No.     | Amount         |  |
| Research Proj.:   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting  | 83      | 46,824         | 77      | 39,542         | 72      | 51,439         | 76      | 60,001         | 106     | 69,451         | 137     | 73,009         | 124     | 67,492         | 137     | 75,934         | 152     | 99,782         | 176     | 101,464        |  |
| Admin. Supp.  | (13)    | 6,442          | (30)    | 6,540          | (21)    | 5,979          | (17)    | 1,395          | (17)    | 2,913          | (25)    | 9,657          | (26)    | 13,623         | (16)    | 14,117         | (23)    | 12,462         | (34)    | 15,904         |  |
| Competing   | 43      | 14,487         | 39      | 23,209         | 44      | 24,279         | 75      | 43,196         | 89      | 30,067         | 51      | 31,899         | 76      | 39,727         | 90      | 56,433         | 81      | 41,021         | 65      | 39,533         |  |
| Subtotal, RPGs  | 126     | 67,753         | 116     | 69,291         | 116     | 81,697         | 151     | 104,592        | 175     | 102,431        | 188     | 114,565        | 200     | 120,842        | 227     | 146,484        | 233     | 153,265        | 241     | 156,901        |  |
| SBIR/STTR   | 26      | 6,970          | 25      | 8,030          | 36      | 8,851          | 36      | 9,487          | 39      | 10,228         | 36      | 10,281         | 42      | 10,225         | 26      | 10,448         | 26      | 10,392         | 25      | 11,080         |  |
| Subtotal, RPGs  | 152     | 74,723         | 141     | 77,321         | 152     | 90,548         | 187     | 114,079        | 214     | 112,659        | 224     | 124,846        | 242     | 131,067        | 253     | 156,932        | 259     | 163,657        | 266     | 167,981        |  |
| Research Centers:                                       |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.  | 14      | 157,165        | 16      | 179,647        | 22      | 194,602        | 19      | 192,161        | 27      | 191,583        | 24      | 184,740        | 22      | 176,290        | 26      | 174,807        | 25      | 159,180        | 24      | 153,748        |  |
| Clinical Research                                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology   | 6       | 9,464          | 8       | 15,643         | 0       | 19,965         | 10      | 22,299         | 15      | 27,259         | 17      | 27,743         | 15      | 29,870         | 20      | 33,665         | 20      | 34,298         | 19      | 34,302         |  |
| Comparative Med.  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 400            | 0       | 392            | 0       | 839            |  |
| RCMI  | 0       | 75             | 0       | 0              | 0       | 0              | 0       | 86             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                                       | 20      | 166,704        | 24      | 195,290        | 22      | 214,567        | 29      | 214,546        | 42      | 218,842        | 41      | 212,483        | 37      | 206,160        | 46      | 208,872        | 45      | 193,870        | 43      | 188,889        |  |
| Other Research:   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers  | 13      | 1,672          | 22      | 3,558          | 27      | 4,645          | 32      | 5,949          | 32      | 6,045          | 22      | 4,218          | 17      | 3,501          | 16      | 3,217          | 11      | 2,119          | 8       | 1,815          |  |
| Cancer Ed.  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| BRS   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Other   | 30      | 10,766         | 23      | 7,841          | 21      | 9,456          | 28      | 6,314          | 25      | 5,355          | 26      | 5,071          | 25      | 2,838          | 20      | 1,373          | 12      | 938            | 14      | 709            |  |
| Subtotal, Other   | 43      | 12,438         | 45      | 11,399         | 48      | 14,101         | 60      | 12,263         | 57      | 11,400         | 48      | 9,289          | 42      | 6,339          | 36      | 4,590          | 23      | 3,057          | 22      | 2,524          |  |
| Total, Res. Grants                                      | 215     | 253,865        | 210     | 284,010        | 222     | 319,216        | 276     | 340,888        | 313     | 342,901        | 313     | 346,618        | 321     | 343,566        | 335     | 370,394        | 327     | 360,584        | 331     | 359,374        |  |
| Training:   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual  | 21      | 716            | 19      | 662            | 17      | 768            | 20      | 862            | 13      | 549            | 16      | 736            | 13      | 596            | 9       | 425            | 10      | 417            | 14      | 571            |  |
| Institutional   | 54      | 2,077          | 66      | 2,691          | 114     | 5,014          | 135     | 6,384          | 154     | 7,360          | 156     | 7,663          | 140     | 6,834          | 138     | 6,407          | 161     | 6,715          | 155     | 6,971          |  |
| Total, Training   | 75      | 2,793          | 85      | 3,353          | 131     | 5,782          | 155     | 7,246          | 167     | 7,909          | 172     | 8,399          | 153     | 7,420          | 147     | 6,832          | 171     | 7,132          | 169     | 7,542          |  |
| R & D Contracts (SBIR/STTR)                             | 16      | 6,604          | 14      | 11,454         | 17      | 9,462          | 10      | 12,769         | 25      | 17,399         | 21      | 14,528         | 12      | 14,707         | 11      | 14,593         | 15      | 16,248         | 16      | 14,714         |  |
|   | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (20)           | (0)     | (23)           | (0)     | (23)           | (0)     | (24)           | (0)     | (24)           | (0)     | (18)           |  |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) |         | 64,154         |         | 73,629         |         | 83,013         |         | 92,202         |         | 107,526        |         | 98,497         |         | 97,857         |         | 97,759         |         | 99,402         |         | 103,047        |  |
|   |         | 7,713          |         | 9,525          |         | 10,775         |         | 11,855         |         | 14,811         |         | 17,458         |         | 17,789         |         | 18,662         |         | 22,014         |         | 22,533         |  |
| Cancer Control  |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| Construction  |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| B&F   |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| <b>NHGRI Total Obligations</b>                          |         | <b>335,129</b> |         | <b>381,971</b> |         | <b>428,248</b> |         | <b>464,960</b> |         | <b>490,546</b> |         | <b>485,500</b> |         | <b>481,339</b> |         | <b>508,240</b> |         | <b>505,380</b> |         | <b>507,210</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NHGRI

| Mechanism <sup>1</sup>              | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |                | FY 2019 |                |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|                                     | No.     | Amount         |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                        | 157     | 108,479        | 138     | 78,109         | 151     | 79,050         | 162     | 87,579         | 171     | 104,740        | 147     | 91,344         | 151     | 108,500        | 158     | 160,148        | 186     | 205,859        | 204     | 214,089        |  |
| Admin. Supp.                        | (19)    | 6,813          | (41)    | 26,857         | (42)    | 12,846         | (15)    | 2,553          | (15)    | 2,279          | (36)    | 5,916          | (39)    | 25,877         | (34)    | 9,447          | (42)    | 19,798         | (47)    | 26,561         |  |
| Competing                           | 75      | 30,947         | 88      | 39,357         | 90      | 46,420         | 70      | 45,367         | 50      | 24,407         | 60      | 46,248         | 72      | 110,308        | 93      | 78,281         | 75      | 41,408         | 70      | 41,228         |  |
| Subtotal, RPGs                      | 232     | 146,239        | 226     | 144,323        | 241     | 138,316        | 232     | 135,499        | 221     | 131,426        | 207     | 143,508        | 223     | 244,685        | 251     | 247,875        | 261     | 267,065        | 274     | 281,878        |  |
| SBIR/STTR                           | 29      | 10,962         | 28      | 10,716         | 26      | 11,315         | 25      | 10,925         | 28      | 11,880         | 30      | 12,138         | 30      | 13,010         | 29      | 14,188         | 30      | 15,061         | 30      | 15,319         |  |
| Subtotal, RPGs                      | 261     | 157,201        | 254     | 155,039        | 267     | 149,631        | 257     | 146,424        | 249     | 143,306        | 237     | 155,647        | 253     | 257,695        | 280     | 262,064        | 291     | 282,126        | 304     | 297,197        |  |
| Research Centers:                   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                          | 27      | 168,722        | 29      | 158,836        | 32      | 155,667        | 31      | 108,071        | 27      | 133,039        | 22      | 119,674        | 14      | 20,004         | 8       | 16,506         | 4       | 8,867          | 2       | 4,335          |  |
| Clinical Research                   | 0       | 1,242          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology                       | 20      | 40,408         | 14      | 36,199         | 19      | 47,778         | 23      | 52,895         | 25      | 60,142         | 24      | 61,151         | 23      | 64,709         | 25      | 62,984         | 21      | 50,768         | 22      | 49,845         |  |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| RCMI                                | 0       | 700            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 47      | 211,072        | 43      | 195,035        | 51      | 203,445        | 54      | 160,967        | 52      | 193,180        | 46      | 180,825        | 37      | 84,713         | 33      | 79,490         | 25      | 59,635         | 24      | 54,179         |  |
| Other Research:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                    | 4       | 623            | 4       | 402            | 9       | 1,017          | 11      | 1,281          | 10      | 1,252          | 18      | 2,250          | 20      | 2,497          | 17      | 2,416          | 26      | 3,516          | 28      | 4,043          |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 332            | 0       | 302            | 0       | 90             | 0       | 0              | 0       | 0              |  |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 400            | 0       | 400            | 0       | 400            | 0       | 400            | 0       | 400            | 0       | 0              | 0       | 0              |  |
| Other                               | 15      | 922            | 20      | 1,262          | 20      | 2,312          | 19      | 23,910         | 19      | 3,131          | 24      | 4,050          | 27      | 8,135          | 33      | 17,737         | 49      | 37,289         | 49      | 40,685         |  |
| Subtotal, Other                     | 19      | 1,545          | 24      | 1,664          | 29      | 3,329          | 30      | 25,591         | 29      | 4,783          | 42      | 7,031          | 47      | 11,334         | 50      | 20,643         | 75      | 40,805         | 77      | 44,728         |  |
| Total, Res. Grants                  | 327     | 369,818        | 321     | 351,738        | 347     | 356,405        | 341     | 332,981        | 330     | 341,270        | 325     | 343,503        | 337     | 353,743        | 363     | 362,196        | 391     | 382,566        | 405     | 396,104        |  |
| Training:                           |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                          | 12      | 549            | 10      | 452            | 13      | 572            | 9       | 386            | 6       | 252            | 6       | 223            | 9       | 400            | 11      | 466            | 11      | 472            | 13      | 545            |  |
| Institutional                       | 166     | 8,044          | 162     | 8,138          | 166     | 7,833          | 159     | 7,399          | 155     | 5,667          | 151     | 6,431          | 151     | 7,352          | 159     | 8,114          | 162     | 8,835          | 168     | 8,509          |  |
| Total, Training                     | 178     | 8,593          | 172     | 8,590          | 179     | 8,405          | 168     | 7,785          | 161     | 5,919          | 157     | 6,653          | 160     | 7,751          | 170     | 8,579          | 173     | 9,306          | 181     | 9,054          |  |
| R & D Contracts (SBIR/STTR)         | 11      | 16,127         | 8       | 20,589         | 4       | 17,019         | 7       | 18,641         | 6       | 21,319         | 11      | 17,095         | 8       | 15,692         | 13      | 18,707         | 6       | 18,036         | 12      | 18,639         |  |
|                                     | (0)     | (21)           | (0)     | (16)           | (2)     | (25)           | (0)     | (72)           | (0)     | (59)           | (0)     | (102)          | (0)     | (105)          | (0)     | (155)          | (0)     | (30)           | (0)     | (165)          |  |
| Intramural Research                 |         | 104,151        |         | 104,916        |         | 106,485        |         | 239            |         | 99,404         |         | 226            |         | 103,360        |         | 238            |         | 108,538        |         | 226            |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 25,442         |         | 25,636         |         | 24,386         |         | 94             |         | 24,838         |         | 104            |         | 26,208         |         | 108            |         | 30,295         |         | 104            |  |
| Cancer Control                      |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| <b>NHGRI Total Obligations</b>      |         | <b>524,131</b> |         | <b>511,469</b> |         | <b>512,700</b> |         | <b>483,650</b> |         | <b>498,076</b> |         | <b>498,648</b> |         | <b>512,486</b> |         | <b>528,316</b> |         | <b>556,741</b> |         | <b>575,361</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NHGRI

| Mechanism <sup>1</sup>              | FY 2020  |                | FY 2021  |                | FY 2022  |                | FY 2023  |                | FY 2024  |                |
|-------------------------------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|
|                                     | No.      | Amount         |
| Research Proj.:                     |          |                |          |                |          |                |          |                |          |                |
| Noncompeting                        | 212      | 160,100        | 203      | 141,694        | 277      | 226,325        | 295      | 227,418        | 302      | 222,989        |
| Admin. Supp.                        | (45)     | 69,759         | (41)     | 40,711         | (28)     | 6,848          | (46)     | 14,268         | (42)     | 9,828          |
| Competing                           | 103      | 72,997         | 140      | 108,104        | 97       | 62,595         | 96       | 64,865         | 89       | 64,212         |
| Subtotal, RPGs                      | 315      | 302,857        | 343      | 290,510        | 374      | 295,768        | 391      | 306,551        | 391      | 297,030        |
| SBIR/STTR                           | 26       | 16,160         | 25       | 15,449         | 30       | 16,682         | 30       | 17,679         | 25       | 17,002         |
| Subtotal, RPGs                      | 341      | 319,017        | 368      | 306,959        | 404      | 312,450        | 421      | 324,230        | 416      | 314,031        |
| Research Centers:                   |          | 0              |          | 0              |          | 0              |          | 0              |          | 0              |
| Spec/Comp.                          | 2        | 4,133          | 1        | 2,114          | 2        | 736            | 2        | 4,931          | 3        | 6,230          |
| Clinical Research                   | 0        | 360            | 0        | 373            | 0        | 0              | 0        | 0              | 0        | 0              |
| Biotechnology                       | 22       | 48,867         | 11       | 22,179         | 2        | 6,055          | 1        | 2,741          | 1        | 2,901          |
| Comparative Med.                    | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| RCMI                                | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| Subtotal, Centers                   | 24       | 53,360         | 12       | 24,667         | 4        | 6,792          | 3        | 7,672          | 4        | 9,131          |
| Other Research:                     |          | 0              |          | 0              |          | 0              |          | 0              |          | 0              |
| Research Careers                    | 28       | 4,027          | 34       | 4,974          | 37       | 5,257          | 33       | 5,473          | 38       | 5,876          |
| Cancer Ed.                          | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| Coop. Cl.                           | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| BRS                                 | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| MBRS                                | 0        | 0              | 0        | 345            | 0        | 509            | 0        | 494            | 0        | 502            |
| Other                               | 52       | 41,849         | 78       | 83,406         | 93       | 104,351        | 97       | 107,708        | 115      | 114,236        |
| Subtotal, Other                     | 80       | 45,877         | 112      | 88,724         | 130      | 110,117        | 130      | 113,674        | 153      | 120,614        |
| Total, Res. Grants                  | 445      | 418,254        | 492      | 420,350        | 538      | 429,359        | 554      | 445,576        | 573      | 443,776        |
| Training:                           |          |                |          |                |          |                |          |                |          |                |
| Individual                          | FTIPs 29 | 1,211          | EITPs 29 | 1,242          | EITPs 25 | 1,129          | FTIPs 22 | 1,043          | EITPs 24 | 1,174          |
| Institutional                       | 173      | 10,739         | 171      | 10,013         | 172      | 10,683         | 161      | 8,255          | 162      | 7,919          |
| Total, Training                     | 202      | 11,949         | 200      | 11,254         | 197      | 11,812         | 183      | 9,299          | 186      | 9,093          |
| R & D Contracts (SBIR/STTR)         | 9        | 18,974         | 11       | 22,246         | 7        | 24,357         | 13       | 26,445         | 14       | 23,314         |
|                                     | (0)      | (171)          | (0)      | (173)          | (0)      | (175)          | (0)      | (189)          | (0)      | (304)          |
|                                     |          | 0              |          | 0              |          | 0              |          | 0              |          | 0              |
| Intramural Research                 | 234      | 120,729        | 239      | 123,796        | 237      | 130,460        | 230      | 134,647        | 223      | 137,117        |
| Res. Mgmt and Support (SBIR Admin.) | 100      | 34,177         | 108      | 36,545         | 115      | 40,447         | 126      | 44,506         | 139      | 46,345         |
| Cancer Control                      | (0)      | (0)            | (0)      | (50)           | (0)      | (133)          | (0)      | (0)            | (0)      | (8)            |
| Construction                        | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| B&F                                 | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              | 0        | 0              |
| <b>NHGRI Total Obligations</b>      |          | <b>604,083</b> |          | <b>614,131</b> |          | <b>636,434</b> |          | <b>660,472</b> |          | <b>659,645</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIBIB

| Mechanism <sup>1</sup>              | FY 2000  |          | FY 2001  |          | FY 2002        |                | FY 2003        |                | FY 2004        |                | FY 2005        |                | FY 2006        |                | FY 2007        |                | FY 2008        |                | FY 2009        |                |    |       |
|-------------------------------------|----------|----------|----------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|-------|
|                                     | No.      | Amount   | No.      | Amount   | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         |    |       |
| Research Proj.:                     |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| Noncompeting                        | 0        | 0        | 0        | 0        | 114            | 34,596         | 343            | 129,275        | 474            | 172,286        | 443            | 168,385        | 468            | 168,575        | 398            | 134,337        | 427            | 150,434        | 402            | 159,618        |    |       |
| Admin. Supp.                        | (0)      | 0        | (0)      | 0        | (1)            | 33             | (10)           | 436            | (13)           | 451            | (12)           | 588            | (14)           | 778            | (13)           | 851            | (15)           | 923            | (14)           | 1,009          |    |       |
| Competing                           | 0        | 0        | 0        | 0        | 124            | 50,275         | 285            | 85,235         | 144            | 44,981         | 196            | 56,493         | 178            | 53,227         | 244            | 80,134         | 174            | 63,736         | 165            | 55,590         |    |       |
| Subtotal, RPGs                      | 0        | 0        | 0        | 0        | 238            | 84,904         | 628            | 214,946        | 618            | 217,718        | 639            | 225,466        | 646            | 222,580        | 642            | 215,322        | 601            | 215,093        | 567            | 216,217        |    |       |
| SBIR/STTR                           | 0        | 0        | 0        | 0        | 35             | 9,387          | 54             | 11,248         | 62             | 9,107          | 44             | 8,913          | 42             | 7,875          | 46             | 7,543          | 44             | 7,598          | 31             | 7,732          |    |       |
| Subtotal, RPGs                      | 0        | 0        | 0        | 0        | 273            | 94,291         | 682            | 226,192        | 680            | 226,825        | 683            | 234,379        | 688            | 230,455        | 688            | 222,865        | 645            | 222,691        | 598            | 223,949        |    |       |
| <b>Research Centers:</b>            |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| Spec/Comp.                          | 0        | 0        | 0        | 0        | 2              | 1,339          | 5              | 3,566          | 5              | 2,850          | 3              | 2,593          | 2              | 1,515          | 5              | 7,561          | 6              | 8,823          | 6              | 8,296          |    |       |
| Clinical Research                   | 0        | 0        | 0        | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |    |       |
| Biotechnology                       | 0        | 0        | 0        | 0        | 0              | 0              | 19             | 20,047         | 21             | 21,808         | 21             | 21,247         | 20             | 20,475         | 19             | 19,120         | 17             | 17,814         | 17             | 18,878         |    |       |
| Comparative Med.                    | 0        | 0        | 0        | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |    |       |
| RCMI                                | 0        | 0        | 0        | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |    |       |
| Subtotal, Centers                   | 0        | 0        | 0        | 0        | 2              | 1,339          | 24             | 23,613         | 26             | 24,658         | 24             | 23,840         | 22             | 21,990         | 24             | 26,681         | 23             | 26,637         | 23             | 27,174         |    |       |
| <b>Other Research:</b>              |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| Research Careers                    | 0        | 0        | 0        | 0        | 4              | 526            | 9              | 1,182          | 16             | 2,119          | 21             | 2,977          | 25             | 3,524          | 32             | 4,319          | 35             | 4,587          | 32             | 4,094          |    |       |
| Cancer Ed.                          | 0        | 0        | 0        | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |    |       |
| Coop. Cl.                           | 0        | 0        | 0        | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |    |       |
| BRS                                 | 0        | 0        | 0        | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |    |       |
| MBRS                                | 0        | 0        | 0        | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |    |       |
| Other                               | 0        | 0        | 0        | 0        | 5              | 2,389          | 10             | 3,324          | 21             | 2,496          | 22             | 1,300          | 14             | 957            | 13             | 1,170          | 15             | 1,039          | 11             | 445            |    |       |
| Subtotal, Other                     | 0        | 0        | 0        | 0        | 9              | 2,915          | 19             | 4,506          | 37             | 4,615          | 43             | 4,277          | 39             | 4,481          | 45             | 5,489          | 50             | 5,626          | 43             | 4,539          |    |       |
| <b>Total, Res. Grants</b>           | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>284</b>     | <b>98,545</b>  | <b>725</b>     | <b>254,311</b> | <b>743</b>     | <b>256,098</b> | <b>750</b>     | <b>262,496</b> | <b>749</b>     | <b>256,926</b> | <b>757</b>     | <b>255,035</b> | <b>718</b>     | <b>254,954</b> | <b>664</b>     | <b>255,662</b> |    |       |
| <b>Training:</b>                    |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| Individual                          | FITPs:   | 0        | FITPs:   | 0        | FITPs:         | 1              | 34             | FITPs:         | 4              | 156            | FITPs:         | 23             | 852            | FITPs:         | 27             | 1,043          | FITPs:         | 36             | 1,368          | FITPs:         | 34 | 1,194 |
| Institutional                       | 0        | 0        | 0        | 0        | 2              | 157            | 61             | 2,685          | 117            | 5,303          | 143            | 6,439          | 163            | 7,039          | 199            | 8,820          | 182            | 7,979          | 241            | 10,597         |    |       |
| Total, Training                     | 0        | 0        | 0        | 0        | 3              | 191            | 65             | 2,841          | 128            | 5,778          | 166            | 7,291          | 190            | 8,082          | 235            | 10,188         | 216            | 9,173          | 260            | 11,354         |    |       |
| R & D Contracts (SBIR/STTR)         | 0        | 0        | 0        | 0        | 4              | 1,267          | 6              | 7,270          | 15             | 8,762          | 23             | 7,999          | 16             | 9,654          | 19             | 11,064         | 16             | 11,606         | 15             | 13,049         |    |       |
| (SBIR/STTR)                         | (0)      | (0)      | (0)      | (0)      | (0)            | (0)            | (0)            | (0)            | (2)            | (15)           | (2)            | (17)           | (2)            | (17)           | (3)            | (17)           | (3)            | (18)           | (2)            | (13)           |    |       |
| Intramural Research                 |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| Res. Mgmt and Support (SBIR Admin.) |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| Cancer Control Construction         |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| B&F                                 |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |    |       |
| <b>NIBIB Total Obligations</b>      | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>111,740</b> | <b>278,279</b> | <b>286,684</b> | <b>296,324</b> | <b>296,324</b> | <b>296,324</b> | <b>296,324</b> | <b>296,324</b> | <b>293,954</b> | <b>296,380</b> | <b>299,726</b> | <b>299,726</b> | <b>299,726</b> | <b>299,726</b> | <b>307,701</b> | <b>307,701</b> |    |       |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIBIB

| Mechanism <sup>1</sup>              | FY 2010    |                | FY 2011    |                | FY 2012    |                | FY 2013    |                | FY 2014    |                | FY 2015    |                | FY 2016    |                | FY 2017    |                | FY 2018    |                | FY 2019    |                |  |
|-------------------------------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|--|
|                                     | No.        | Amount         |  |
| Research Proj.:                     |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Noncompeting                        | 378        | 153,748        | 372        | 160,542        | 381        | 165,417        | 378        | 144,877        | 372        | 151,150        | 365        | 142,757        | 360        | 141,956        | 417        | 158,206        | 391        | 160,384        | 449        | 173,409        |  |
| Admin. Supp.                        | (14)       | 799            | (5)        | 763            | (5)        | 284            | (4)        | 910            | (9)        | 331            | (8)        | 565            | (17)       | 1,027          | (11)       | 585            | (58)       | 6,342          | (15)       | 1,724          |  |
| Competing                           | 175        | 70,038         | 155        | 60,115         | 162        | 53,009         | 182        | 62,532         | 188        | 60,600         | 185        | 59,218         | 233        | 74,256         | 204        | 72,692         | 256        | 81,941         | 228        | 83,585         |  |
| Subtotal, RPGs                      | 553        | 224,585        | 527        | 221,420        | 543        | 218,710        | 560        | 208,319        | 560        | 212,081        | 550        | 202,541        | 593        | 217,238        | 621        | 231,483        | 647        | 248,667        | 677        | 258,718        |  |
| SBIR/STTR                           | 36         | 7,965          | 30         | 7,827          | 35         | 8,988          | 33         | 8,700          | 33         | 9,367          | 25         | 9,610          | 24         | 10,569         | 27         | 11,403         | 30         | 12,143         | 31         | 12,250         |  |
| Subtotal, RPGs                      | 589        | 232,550        | 557        | 229,247        | 578        | 227,698        | 593        | 217,019        | 593        | 221,448        | 575        | 212,151        | 617        | 227,808        | 648        | 242,887        | 677        | 260,811        | 708        | 270,969        |  |
| <b>Research Centers:</b>            |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Spec/Comp.                          | 5          | 6,896          | 5          | 6,488          | 4          | 7,092          | 4          | 6,608          | 4          | 6,605          | 4          | 6,641          | 6          | 6,658          | 1          | 1,202          | 5          | 3,523          | 4          | 5,270          |  |
| Clinical Research                   | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Biotechnology                       | 17         | 19,378         | 16         | 17,940         | 30         | 38,095         | 28         | 36,008         | 29         | 38,018         | 30         | 38,809         | 31         | 40,289         | 34         | 44,852         | 29         | 37,924         | 25         | 32,917         |  |
| Comparative Med.                    | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| RCMI                                | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Subtotal, Centers                   | 22         | 26,274         | 21         | 24,428         | 34         | 45,187         | 32         | 42,617         | 33         | 44,622         | 34         | 45,450         | 37         | 46,947         | 35         | 46,054         | 34         | 41,447         | 29         | 38,187         |  |
| <b>Other Research:</b>              |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Research Careers                    | 33         | 3,982          | 28         | 3,750          | 27         | 3,895          | 28         | 4,043          | 31         | 4,236          | 29         | 4,014          | 26         | 3,595          | 21         | 2,835          | 22         | 2,985          | 23         | 3,391          |  |
| Cancer Ed.                          | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Coop. Cl.                           | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| BRS                                 | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| MBRS                                | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Other                               | 10         | 768            | 17         | 867            | 32         | 1,227          | 37         | 1,391          | 39         | 1,609          | 43         | 2,002          | 38         | 1,630          | 35         | 1,828          | 48         | 3,216          | 61         | 8,173          |  |
| Subtotal, Other                     | 43         | 4,750          | 45         | 4,617          | 59         | 5,122          | 65         | 5,434          | 70         | 5,845          | 72         | 6,016          | 64         | 5,225          | 56         | 4,663          | 70         | 6,201          | 84         | 11,564         |  |
| <b>Total, Res. Grants</b>           | <b>654</b> | <b>263,574</b> | <b>623</b> | <b>258,292</b> | <b>671</b> | <b>278,007</b> | <b>690</b> | <b>265,069</b> | <b>696</b> | <b>271,916</b> | <b>681</b> | <b>263,618</b> | <b>718</b> | <b>279,979</b> | <b>739</b> | <b>293,604</b> | <b>781</b> | <b>308,459</b> | <b>821</b> | <b>320,720</b> |  |
| <b>Training:</b>                    |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Individual                          | 19         | 884            | 16         | 785            | 20         | 950            | 13         | 657            | 18         | 758            | 20         | 856            | 24         | 1,098          | 20         | 878            | 22         | 1,118          | 10         | 532            |  |
| Institutional                       | 240        | 10,184         | 235        | 9,955          | 219        | 9,375          | 203        | 8,698          | 184        | 8,448          | 211        | 9,017          | 221        | 10,745         | 218        | 10,268         | 247        | 11,913         | 202        | 10,371         |  |
| Total, Training                     | 259        | 11,068         | 251        | 10,740         | 239        | 10,325         | 216        | 9,354          | 202        | 9,206          | 231        | 9,873          | 245        | 11,843         | 238        | 11,146         | 269        | 13,031         | 212        | 10,903         |  |
| R & D Contracts (SBIR/STTR)         | 9          | 12,530         | 9          | 14,410         | 15         | 18,515         | 10         | 14,471         | 17         | 14,804         | 14         | 21,439         | 12         | 13,769         | 11         | 14,260         | 11         | 15,191         | 8          | 15,668         |  |
|                                     | (2)        | (16)           | (3)        | (12)           | (3)        | (19)           | (1)        | (57)           | (0)        | (59)           | (3)        | (131)          | (5)        | (116)          | (5)        | (233)          | (5)        | (24)           | (3)        | (134)          |  |
| Intramural Research                 |            | 11,358         |            | 12,158         |            | 11,411         |            | 27             |            | 11,093         |            | 26             |            | 12,345         |            | 15,280         |            | 27             |            | 15,985         |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 17,498         |            | 18,187         |            | 19,752         |            | 79             |            | 19,075         |            | 76             |            | 19,948         |            | 22,124         |            | 75             |            | 24,033         |  |
| Cancer Control                      |            |                |            |                |            |                |            | (0)            |            | (0)            |            | (0)            |            | (0)            |            | (0)            |            | (0)            |            | (0)            |  |
| Construction                        |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| B&F                                 |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| <b>NIBIB Total Obligations</b>      |            | <b>316,028</b> |            | <b>313,787</b> |            | <b>338,010</b> |            | <b>319,062</b> |            | <b>326,989</b> |            | <b>327,223</b> |            | <b>342,997</b> |            | <b>356,971</b> |            | <b>376,700</b> |            | <b>388,079</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIBIB

| Mechanism <sup>1</sup>              | FY 2020 <sup>2</sup> |                | FY 2021 <sup>2</sup> |                | FY 2022 <sup>2</sup> |                | FY 2023 <sup>2</sup> |                | FY 2024 <sup>2</sup> |                |
|-------------------------------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|
|                                     | No.                  | Amount         |
| Research Proj.:                     |                      |                |                      |                |                      |                |                      |                |                      |                |
| Noncompeting                        | 447                  | 176,465        | 419                  | 173,494        | 436                  | 185,787        | 488                  | 207,962        | 456                  | 202,002        |
| Admin. Supp.                        | (8)                  | 523            | (25)                 | 2,456          | (28)                 | 1,966          | (22)                 | 1,727          | (33)                 | 3,454          |
| Competing                           | 222                  | 93,341         | 217                  | 105,638        | 239                  | 97,619         | 187                  | 83,779         | 175                  | 75,361         |
| Subtotal, RPGs                      | 669                  | 270,330        | 636                  | 281,588        | 675                  | 285,372        | 675                  | 293,468        | 631                  | 280,817        |
| SBIR/STTR                           | 32                   | 12,786         | 31                   | 12,785         | 26                   | 13,991         | 21                   | 13,722         | 22                   | 13,036         |
| Subtotal, RPGs                      | 701                  | 283,116        | 667                  | 294,374        | 701                  | 299,364        | 696                  | 307,190        | 653                  | 293,852        |
| Research Centers:                   |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Spec/Comp.                          | 4                    | 10,941         | 4                    | 4,043          | 4                    | 4,317          | 5                    | 6,839          | 5                    | 6,130          |
| Clinical Research                   | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Biotechnology                       | 22                   | 26,972         | 22                   | 25,616         | 24                   | 30,190         | 22                   | 27,119         | 22                   | 27,600         |
| Comparative Med.                    | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| RCMI                                | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Subtotal, Centers                   | 26                   | 37,913         | 26                   | 29,659         | 28                   | 34,508         | 27                   | 33,959         | 27                   | 33,730         |
| Other Research:                     |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Research Careers                    | 25                   | 3,681          | 25                   | 3,479          | 27                   | 3,859          | 27                   | 3,588          | 24                   | 3,341          |
| Cancer Ed.                          | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Coop. Cl.                           | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| BRS                                 | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 1                    | 88             |
| MBRS                                | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Other                               | 55                   | 6,572          | 53                   | 7,538          | 67                   | 6,945          | 66                   | 6,928          | 61                   | 6,708          |
| Subtotal, Other                     | 80                   | 10,253         | 78                   | 11,017         | 94                   | 10,804         | 93                   | 10,516         | 86                   | 10,137         |
| Total, Res. Grants                  | 807                  | 331,282        | 771                  | 335,050        | 823                  | 344,675        | 816                  | 351,665        | 766                  | 337,720        |
| Training:                           |                      |                |                      |                |                      |                |                      |                |                      |                |
| Individual                          | FTIPs 9              | 505            | EITPs 10             | 553            | EITPs 8              | 363            | FTIPs 7              | 377            | EITPs 7              | 386            |
| Institutional                       | 192                  | 10,541         | 199                  | 10,192         | 209                  | 10,520         | 199                  | 10,654         | 167                  | 8,966          |
| Total, Training                     | 201                  | 11,046         | 209                  | 10,745         | 217                  | 10,883         | 206                  | 11,031         | 174                  | 9,352          |
| R & D Contracts (SBIR/STTR)         | 8                    | 18,053         | 9                    | 17,157         | 10                   | 19,245         | 10                   | 20,065         | 12                   | 27,715         |
|                                     | (2)                  | (136)          | (3)                  | (137)          | (1)                  | (141)          | (0)                  | (151)          | (0)                  | (237)          |
|                                     |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Intramural Research                 | 26                   | 18,596         | 25                   | 20,314         | 30                   | 19,549         | 35                   | 25,250         | 33                   | 25,867         |
| Res. Mgmt and Support (SBIR Admin.) | 66                   | 25,639         | 72                   | 26,196         | 76                   | 30,207         | 88                   | 32,578         | 95                   | 39,940         |
| Cancer Control                      | (0)                  | (0)            | (0)                  | (230)          | (0)                  | (239)          | (0)                  | (248)          | (0)                  | (237)          |
| Construction                        |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| B&F                                 |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| <b>NIBIB Total Obligations</b>      |                      | <b>404,616</b> |                      | <b>409,461</b> |                      | <b>424,559</b> |                      | <b>440,590</b> |                      | <b>440,595</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> FY 2020 thru FY 2024 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2024 from these multi-year accounts.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NIMHD

| Mechanism <sup>1</sup>              | FY 2000       |          | FY 2001       |                | FY 2002       |                | FY 2003       |                | FY 2004       |                | FY 2005       |                | FY 2006       |                | FY 2007       |                | FY 2008       |                | FY 2009       |                |               |
|-------------------------------------|---------------|----------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|
|                                     | No.           | Amount   | No.           | Amount         | No.           | Amount         | No.           | Amount         | No.           | Amount         | No.           | Amount         | No.           | Amount         | No.           | Amount         | No.           | Amount         | No.           | Amount         |               |
| Research Proj.:                     |               |          |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |
| Noncompeting                        | 0             | 0        | 9             | 16,228         | 1             | 12,956         | 0             | 4,060          | 0             | 2,187          | 0             | 0              | 1             | 661            | 1             | 4,129          | 0             | 1,697          | 1             | 748            |               |
| Admin. Supp.                        | (0)           | 0        | (16)          | 2,330          | (3)           | 1,383          | (7)           | 1,221          | (3)           | 790            | (1)           | 48             | (1)           | 25             | (5)           | 711            | (1)           | 132            | (2)           | 232            |               |
| Competing                           | 0             | 0        | 7             | 7,874          | 1             | 3,815          | 13            | 4,212          | 0             | 497            | 1             | 528            | 1             | 2,016          | 8             | 2,107          | 0             | 257            | 11            | 4,127          |               |
| Subtotal, RPGs                      | 0             | 0        | 16            | 26,432         | 2             | 18,154         | 13            | 9,493          | 0             | 3,474          | 1             | 576            | 2             | 2,702          | 9             | 6,947          | 0             | 2,086          | 12            | 5,107          |               |
| SBIR/STTR                           | 0             | 0        | 0             | 0              | 8             | 4,071          | 8             | 4,753          | 5             | 5,282          | 7             | 5,361          | 5             | 5,196          | 7             | 5,408          | 13            | 5,736          | 25            | 5,511          |               |
| Subtotal, RPGs                      | 0             | 0        | 16            | 26,432         | 10            | 22,225         | 21            | 14,246         | 5             | 8,756          | 8             | 5,937          | 7             | 7,898          | 16            | 12,355         | 13            | 7,822          | 37            | 10,618         |               |
| <b>Research Centers:</b>            |               |          |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |
| Spec/Comp.                          | 0             | 0        | 1             | 17,024         | 28            | 33,359         | 55            | 62,449         | 62            | 66,617         | 70            | 77,398         | 71            | 76,892         | 75            | 81,022         | 72            | 75,167         | 76            | 86,155         |               |
| Clinical Research                   | 0             | 0        | 0             | 300            | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              |               |
| Biotechnology                       | 0             | 0        | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              |               |
| Comparative Med.                    | 0             | 0        | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              |               |
| RCMI                                | 0             | 0        | 0             | 2,156          | 0             | 50             | 0             | 100            | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              |               |
| Subtotal, Centers                   | 0             | 0        | 1             | 19,480         | 28            | 33,409         | 55            | 62,549         | 62            | 66,617         | 70            | 77,398         | 71            | 76,892         | 75            | 81,222         | 72            | 75,167         | 76            | 86,155         |               |
| <b>Other Research:</b>              |               |          |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |                |               |
| Research Careers                    | 0             | 0        | 0             | 1,140          | 0             | 685            | 0             | 347            | 5             | 731            | 4             | 651            | 5             | 792            | 2             | 188            | 1             | 85             | 0             | 77             |               |
| Cancer Ed.                          | 0             | 0        | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              |               |
| Coop. Cl.                           | 0             | 0        | 0             | 180            | 0             | 500            | 0             | 500            | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 200            | 0             | 50             | 0             | 0              |               |
| BRS                                 | 0             | 0        | 5             | 21,000         | 15            | 42,798         | 13            | 41,250         | 14            | 44,375         | 11            | 35,938         | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              |               |
| MBRS                                | 0             | 0        | 0             | 400            | 0             | 157            | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 144           | 0              | 0             | 0              | 0             | 0              |               |
| Other                               | 0             | 0        | 21            | 24,975         | 16            | 16,192         | 41            | 17,596         | 65            | 24,002         | 105           | 34,517         | 116           | 60,912         | 92            | 52,800         | 107           | 59,254         | 86            | 55,963         |               |
| Subtotal, Other                     | 0             | 0        | 26            | 47,695         | 31            | 60,332         | 54            | 59,693         | 84            | 69,108         | 120           | 71,106         | 121           | 61,848         | 94            | 53,188         | 108           | 59,389         | 86            | 56,040         |               |
| <b>Total, Res. Grants</b>           | <b>0</b>      | <b>0</b> | <b>43</b>     | <b>93,607</b>  | <b>69</b>     | <b>115,966</b> | <b>130</b>    | <b>136,488</b> | <b>151</b>    | <b>144,481</b> | <b>198</b>    | <b>154,441</b> | <b>199</b>    | <b>146,638</b> | <b>185</b>    | <b>146,765</b> | <b>193</b>    | <b>142,378</b> | <b>199</b>    | <b>152,813</b> |               |
| <b>Training:</b>                    | <b>FITPs:</b> |          | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |                | <b>FITPs:</b> |
| Individual                          | 0             | 0        | 0             | 35             | 0             | 75             | 0             | 0              | 0             | 16             | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              | 0             | 0              |               |
| Institutional                       | 0             | 0        | 2             | 106            | 0             | 100            | 0             | 250            | 0             | 4              | 0             | 2              | 0             | 200            | 0             | 0              | 0             | 0              | 0             | 0              |               |
| Total, Training                     | 0             | 0        | 2             | 141            | 0             | 175            | 0             | 250            | 0             | 20             | 0             | 2              | 0             | 200            | 0             | 0              | 0             | 0              | 0             | 0              |               |
| R & D Contracts (SBIR/STTR)         | 0             | 0        | 0             | 29,392         | 166           | 30,379         | 0             | 39,114         | 254           | 36,177         | 244           | 30,843         | 281           | 35,164         | 333           | 39,882         | 312           | 45,535         | 314           | 38,067         |               |
| Intramural Research                 |               |          |               | 0              |               | 415            |               | 1,116          |               | 562            |               | 194            |               | 1,670          |               | 2,295          |               | 2,118          |               | 3,633          |               |
| Res. Mgmt and Support (SBIR Admin.) |               |          |               | 6,930          |               | 7,829          |               | 8,706          |               | 9,584          |               | 9,424          |               | 9,850          |               | 10,141         |               | 10,221         |               | 11,103         |               |
| Cancer Control                      |               |          |               | 0              |               | 2,600          |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               |
| Construction                        |               |          |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               |
| B&F                                 |               |          |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               | 0              |               |
| <b>NIMHD Total Obligations</b>      | <b>0</b>      | <b>0</b> | <b>0</b>      | <b>130,070</b> | <b>0</b>      | <b>157,364</b> | <b>0</b>      | <b>185,674</b> | <b>0</b>      | <b>190,824</b> | <b>0</b>      | <b>194,904</b> | <b>0</b>      | <b>193,522</b> | <b>0</b>      | <b>199,083</b> | <b>0</b>      | <b>200,252</b> | <b>0</b>      | <b>205,616</b> |               |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NIMHD

| Mechanism <sup>1</sup>              | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |                | FY 2019 |                |     |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|-----|
|                                     | No.     | Amount         |     |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |     |
| Noncompeting                        | 12      | 4,720          | 39      | 12,125         | 36      | 13,196         | 48      | 16,403         | 48      | 17,370         | 69      | 26,255         | 71      | 29,142         | 112     | 58,152         | 185     | 98,265         | 194     | 111,254        |     |
| Admin. Supp.                        | (2)     | 154            | (5)     | 340            | (1)     | 66             | (0)     | 0              | (2)     | 199            | (3)     | 1,144          | (9)     | 1,008          | (15)    | 1,109          | (20)    | 3,225          | (22)    | 2,218          |     |
| Competing                           | 27      | 8,355          | 12      | 4,618          | 14      | 5,194          | 12      | 4,470          | 35      | 13,763         | 30      | 14,100         | 56      | 34,936         | 93      | 50,086         | 70      | 34,557         | 57      | 28,327         |     |
| Subtotal, RPGs                      | 39      | 13,229         | 51      | 17,083         | 50      | 18,456         | 60      | 20,873         | 83      | 31,332         | 99      | 41,499         | 127     | 65,087         | 205     | 109,346        | 255     | 136,048        | 251     | 141,799        |     |
| SBIR/STTR                           | 24      | 5,662          | 18      | 5,607          | 21      | 7,798          | 24      | 7,460          | 31      | 8,070          | 30      | 8,391          | 24      | 9,141          | 24      | 9,743          | 27      | 10,376         | 28      | 10,584         |     |
| Subtotal, RPGs                      | 63      | 18,891         | 69      | 22,690         | 71      | 26,254         | 84      | 28,333         | 114     | 39,402         | 129     | 49,890         | 151     | 74,228         | 229     | 119,089        | 282     | 146,424        | 279     | 152,382        |     |
| <b>Research Centers:</b>            |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |     |
| Spec/Comp.                          | 76      | 86,709         | 73      | 84,897         | 73      | 86,435         | 69      | 83,239         | 57      | 75,100         | 48      | 70,094         | 54      | 83,954         | 27      | 46,733         | 21      | 32,572         | 22      | 31,745         |     |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 2,000          | 0       | 1,840          | 0       | 2,000          | 0       | 2,000          | 0       | 2,000          | 0       | 0              | 0       | 0              | 0       | 0              |     |
| Biotechnology                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 395            | 0       | 0              |     |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |     |
| RCMI                                | 0       | 0              | 0       | 0              | 22      | 58,555         | 21      | 54,641         | 22      | 54,641         | 23      | 54,641         | 23      | 56,759         | 24      | 58,461         | 21      | 61,478         | 19      | 63,189         |     |
| Subtotal, Centers                   | 76      | 86,709         | 73      | 84,897         | 95      | 146,990        | 90      | 139,720        | 79      | 131,741        | 71      | 126,735        | 77      | 142,712        | 51      | 105,194        | 42      | 94,445         | 41      | 94,934         |     |
| <b>Other Research:</b>              |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |     |
| Research Careers                    | 0       | 62             | 0       | 0              | 2       | 375            | 4       | 763            | 6       | 1,072          | 4       | 888            | 6       | 1,023          | 4       | 587            | 11      | 1,314          | 19      | 2,559          |     |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |     |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 123            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |     |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |     |
| MBRS                                | 0       | 0              | 0       | 0              | 0       | 100            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 515            | 0       | 504            | 0       | 497            |     |
| Other                               | 83      | 53,241         | 112     | 65,891         | 111     | 61,200         | 104     | 51,964         | 104     | 55,953         | 100     | 53,231         | 39      | 21,440         | 43      | 21,386         | 40      | 21,483         | 26      | 19,232         |     |
| Subtotal, Other                     | 83      | 53,303         | 112     | 65,891         | 113     | 61,675         | 108     | 52,727         | 110     | 57,148         | 104     | 54,119         | 45      | 22,463         | 47      | 22,488         | 51      | 23,302         | 45      | 22,287         |     |
| Total, Res. Grants                  | 222     | 158,903        | 254     | 173,478        | 279     | 234,919        | 282     | 220,780        | 303     | 228,291        | 304     | 230,744        | 273     | 239,403        | 327     | 246,771        | 375     | 264,171        | 365     | 269,584        |     |
| <b>Training:</b>                    |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |     |
| Individual                          | FITPs:  | 0              | FITPs:  | 0              | FITPs:  | 0              | FITPs:  | 0              | FITPs:  | 2              | FITPs:  | 4              | FITPs:  | 140            | FITPs:  | 11             | FITPs:  | 440            | FITPs:  | 11             | 450 |
| Institutional                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 3       | 0              | 2       | 4              | 0       | 9              | 0       | 9              | 0       | 9              |     |
| Total, Training                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 2              | 76      | 4              | 141     | 0              | 373     | 11             | 450     | 11             | 459     |                |     |
| R & D Contracts (SBIR/STTR)         | 292     | 37,523         | 258     | 21,459         | 261     | 21,991         | 246     | 18,331         | 208     | 18,425         | 154     | 17,670         | 122     | 17,069         | 124     | 16,263         | 77      | 15,554         | 92      | 16,952         |     |
| Intramural Research                 | (0)     | (11)           | (0)     | (8)            | (0)     | (17)           | (0)     | (49)           | (0)     | (40)           | (0)     | (70)           | (0)     | (73)           | (0)     | (21)           | (0)     | (114)          | (0)     | (114)          |     |
| Res. Mgmt and Support (SBIR Admin.) |         | 3,685          |         | 3,774          |         | 3,798          |         | 6,572          |         | 6,747          |         | 6,612          |         | 5,846          |         | 5,216          |         | 4,114          |         | 5,113          |     |
| Cancer Control                      |         | 11,083         |         | 10,982         |         | 15,436         |         | 14,989         |         | 14,975         |         | 15,378         |         | 17,804         |         | 19,017         |         | 20,083         |         | 21,088         |     |
| Construction                        |         |                |         |                |         |                |         | (0)            |         | (0)            |         | (0)            |         | (0)            |         | (0)            |         | (0)            |         | (4)            |     |
| B&F                                 |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         | 0              |     |
| <b>NIMHD Total Obligations</b>      |         | <b>211,194</b> |         | <b>209,693</b> |         | <b>276,144</b> |         | <b>260,671</b> |         | <b>268,439</b> |         | <b>270,480</b> |         | <b>280,264</b> |         | <b>287,640</b> |         | <b>304,372</b> |         | <b>313,195</b> |     |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NIMHD

| Mechanism <sup>1</sup>              | FY 2020 |                | FY 2021 |                | FY 2022 |                | FY 2023 |                | FY 2024 |                |       |        |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|-------|--------|
|                                     | No.     | Amount         |       |        |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |       |        |
| Noncompeting                        | 199     | 120,415        | 194     | 107,341        | 209     | 124,284        | 287     | 172,391        | 330     | 189,624        |       |        |
| Admin. Supp.                        | (25)    | 1,483          | (23)    | 3,280          | (23)    | 3,415          | (31)    | 3,297          | (30)    | 5,316          |       |        |
| Competing                           | 61      | 26,386         | 84      | 45,697         | 137     | 82,867         | 120     | 66,831         | 79      | 44,315         |       |        |
| Subtotal, RPGs                      | 260     | 148,284        | 278     | 156,318        | 346     | 210,567        | 407     | 242,518        | 409     | 239,255        |       |        |
| SBIR/STTR                           | 22      | 11,217         | 29      | 13,219         | 32      | 17,641         | 27      | 17,578         | 37      | 17,288         |       |        |
| Subtotal, RPGs                      | 282     | 159,501        | 307     | 169,537        | 378     | 228,208        | 434     | 260,097        | 446     | 256,544        |       |        |
| Research Centers:                   |         |                |         |                |         |                |         |                |         |                |       |        |
| Spec/Comp.                          | 23      | 30,559         | 27      | 66,270         | 24      | 56,084         | 15      | 57,328         | 21      | 61,961         |       |        |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |       |        |
| Biotechnology                       | 0       | 5              | 0       | 170            | 0       | 0              | 0       | 0              | 0       | 0              |       |        |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |       |        |
| RCMI                                | 21      | 74,011         | 21      | 78,151         | 22      | 74,230         | 23      | 78,613         | 21      | 79,321         |       |        |
| Subtotal, Centers                   | 44      | 104,575        | 48      | 144,590        | 46      | 130,314        | 38      | 135,941        | 42      | 141,281        |       |        |
| Other Research:                     |         |                |         |                |         |                |         |                |         |                |       |        |
| Research Careers                    | 34      | 4,807          | 56      | 7,980          | 96      | 13,577         | 103     | 14,890         | 116     | 15,934         |       |        |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |       |        |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 2       | 2,222          | 1       | 1,082          |       |        |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |       |        |
| MBRS                                | 0       | 93             | 0       | 276            | 0       | 849            | 0       | 849            | 0       | 851            |       |        |
| Other                               | 26      | 19,802         | 21      | 15,424         | 20      | 26,672         | 25      | 40,305         | 20      | 39,325         |       |        |
| Subtotal, Other                     | 60      | 24,703         | 77      | 23,680         | 116     | 41,097         | 130     | 58,266         | 137     | 57,192         |       |        |
| Total, Res. Grants                  | 386     | 288,779        | 432     | 337,807        | 540     | 399,619        | 602     | 454,304        | 625     | 455,017        |       |        |
| Training:                           |         |                |         |                |         |                |         |                |         |                |       |        |
| Individual                          | FTIPs   | 18             | 761     | ETIPs          | 23      | 965            | ETIPs   | 32             | 1,515   | FTIPs          | 30    | 1,389  |
| Institutional                       |         | 0              | 9       |                | 0       | 18             |         | 2              | 57      |                | 1     | 82     |
| Total, Training                     |         | 18             | 771     |                | 23      | 984            |         | 34             | 1,571   |                | 31    | 1,471  |
| R & D Contracts (SBIR/STTR)         |         | 86             | 15,133  |                | 94      | 16,936         |         | 87             | 19,760  |                | 81    | 20,178 |
|                                     |         | (0)            | (118)   |                | (0)     | (137)          |         | (0)            | (159)   |                | (0)   | (190)  |
|                                     |         | 0              | 0       |                | 0       | 0              |         | 0              | 0       |                | 0     | 0      |
| Intramural Research                 |         | 7              | 8,240   |                | 7       | 9,188          |         | 12             | 9,919   |                | 13    | 13,442 |
| Res. Mgmt and Support (SBIR Admin.) |         | 59             | 22,877  |                | 61      | 24,539         |         | 68             | 28,392  |                | 81    | 35,680 |
| Cancer Control                      |         | (0)            | (0)     |                | (0)     | (0)            |         | (0)            | (0)     |                | (365) | (0)    |
| Construction                        |         | 0              | 0       |                | 0       | 0              |         | 0              | 0       |                | 0     | 0      |
| B&F                                 |         | 0              | 0       |                | 0       | 0              |         | 0              | 0       |                | 0     | 0      |
| <b>NIMHD Total Obligations</b>      |         | <b>335,799</b> |         | <b>389,453</b> |         | <b>459,262</b> |         | <b>525,076</b> |         | <b>535,100</b> |       |        |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NCRR

| Mechanism <sup>1</sup>              | FY 2000    |                | FY 2001    |                | FY 2002      |                  | FY 2003      |                  | FY 2004      |                  | FY 2005      |                  | FY 2006      |                  | FY 2007    |                  | FY 2008    |                  | FY 2009    |                  |  |
|-------------------------------------|------------|----------------|------------|----------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|------------|------------------|------------|------------------|------------|------------------|--|
|                                     | No.        | Amount         | No.        | Amount         | No.          | Amount           | No.          | Amount           | No.          | Amount           | No.          | Amount           | No.          | Amount           | No.        | Amount           | No.        | Amount           | No.        | Amount           |  |
| Research Proj.:                     |            |                |            |                |              |                  |              |                  |              |                  |              |                  |              |                  |            |                  |            |                  |            |                  |  |
| Noncompeting                        | 110        | 34,539         | 98         | 28,361         | 72           | 22,955           | 71           | 25,321           | 83           | 29,058           | 86           | 35,865           | 80           | 26,350           | 75         | 24,471           | 75         | 24,319           | 60         | 17,101           |  |
| Admin. Supp.                        | (6)        | 312            | (10)       | 597            | (0)          | 0                | (5)          | 368              | (6)          | 869              | (0)          | 193              | (8)          | 392              | (4)        | 176              | (5)        | 399              | (1)        | 293              |  |
| Competing                           | 39         | 9,795          | 40         | 10,534         | 39           | 12,290           | 41           | 11,838           | 39           | 16,865           | 31           | 9,163            | 29           | 8,335            | 25         | 7,136            | 31         | 8,149            | 48         | 14,215           |  |
| Subtotal, RPGs                      | 149        | 44,646         | 138        | 39,492         | 111          | 35,245           | 112          | 37,527           | 122          | 46,792           | 117          | 45,221           | 109          | 35,077           | 100        | 31,783           | 106        | 32,867           | 108        | 31,609           |  |
| SBIR/STTR                           | 63         | 14,028         | 70         | 18,365         | 86           | 21,899           | 82           | 24,645           | 98           | 27,078           | 99           | 27,742           | 77           | 28,356           | 86         | 28,914           | 83         | 30,183           | 97         | 32,071           |  |
| Subtotal, RPGs                      | 212        | 58,674         | 208        | 57,857         | 197          | 57,134           | 194          | 62,172           | 220          | 73,870           | 216          | 72,963           | 186          | 63,433           | 186        | 60,697           | 189        | 63,050           | 205        | 63,680           |  |
| <b>Research Centers:</b>            |            |                |            |                |              |                  |              |                  |              |                  |              |                  |              |                  |            |                  |            |                  |            |                  |  |
| Spec/Comp.                          | 19         | 34,366         | 53         | 99,954         | 72           | 159,225          | 87           | 207,624          | 116          | 209,466          | 94           | 215,234          | 96           | 219,929          | 94         | 217,885          | 99         | 223,546          | 100        | 224,073          |  |
| Clinical Research                   | 80         | 203,184        | 95         | 229,095        | 96           | 257,048          | 106          | 284,989          | 108          | 287,475          | 103          | 297,560          | 89           | 308,298          | 78         | 322,191          | 75         | 381,726          | 67         | 419,352          |  |
| Biotechnology                       | 66         | 74,378         | 64         | 92,116         | 48           | 94,731           | 49           | 81,495           | 53           | 86,534           | 51           | 79,243           | 52           | 76,254           | 48         | 75,029           | 51         | 75,928           | 49         | 82,729           |  |
| Comparative Med.                    | 43         | 80,663         | 48         | 92,275         | 48           | 91,532           | 53           | 102,335          | 55           | 108,973          | 51           | 111,024          | 50           | 113,714          | 51         | 116,122          | 50         | 117,226          | 47         | 130,224          |  |
| RCMI                                | 18         | 38,274         | 18         | 39,198         | 19           | 47,949           | 18           | 51,770           | 18           | 52,754           | 17           | 53,170           | 28           | 52,627           | 28         | 52,707           | 22         | 52,511           | 23         | 57,040           |  |
| Subtotal, Centers                   | 226        | 430,865        | 278        | 552,638        | 283          | 650,485          | 313          | 728,213          | 350          | 745,202          | 316          | 756,231          | 315          | 770,822          | 299        | 783,934          | 297        | 850,937          | 286        | 913,418          |  |
| <b>Other Research:</b>              |            |                |            |                |              |                  |              |                  |              |                  |              |                  |              |                  |            |                  |            |                  |            |                  |  |
| Research Careers                    | 62         | 7,117          | 89         | 13,108         | 132          | 22,814           | 168          | 34,085           | 182          | 38,127           | 213          | 39,820           | 194          | 36,546           | 152        | 30,908           | 121        | 18,850           | 91         | 20,629           |  |
| Cancer Ed.                          | 0          | 0              | 0          | 0              | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Coop. Cl.                           | 0          | 0              | 0          | 0              | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| BRS                                 | 167        | 44,994         | 152        | 45,962         | 169          | 68,043           | 164          | 70,737           | 163          | 71,821           | 156          | 69,675           | 140          | 65,518           | 188        | 98,312           | 101        | 63,533           | 117        | 63,711           |  |
| MBRS                                | 0          | 0              | 0          | 0              | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                | 0          | 0                | 0          | 0                | 0          | 0                |  |
| Other                               | 127        | 34,937         | 125        | 43,555         | 295          | 55,373           | 294          | 63,996           | 171          | 75,315           | 166          | 73,334           | 165          | 78,691           | 161        | 71,810           | 149        | 68,782           | 157        | 65,981           |  |
| Subtotal, Other                     | 356        | 87,048         | 366        | 102,625        | 596          | 146,230          | 626          | 168,818          | 516          | 185,263          | 535          | 182,829          | 499          | 180,755          | 501        | 201,030          | 371        | 151,176          | 365        | 150,321          |  |
| <b>Total, Res. Grants</b>           | <b>794</b> | <b>576,587</b> | <b>852</b> | <b>713,120</b> | <b>1,076</b> | <b>853,849</b>   | <b>1,133</b> | <b>959,203</b>   | <b>1,086</b> | <b>1,004,335</b> | <b>1,067</b> | <b>1,012,023</b> | <b>1,000</b> | <b>1,015,010</b> | <b>986</b> | <b>1,045,661</b> | <b>857</b> | <b>1,065,163</b> | <b>856</b> | <b>1,127,419</b> |  |
| <b>Training:</b>                    |            |                |            |                |              |                  |              |                  |              |                  |              |                  |              |                  |            |                  |            |                  |            |                  |  |
| Individual                          | 3          | 114            | 3          | 128            | 2            | 78               | 3            | 119              | 2            | 73               | 0            | 0                | 0            | 0                | 1          | 63               | 0          | 0                | 1          | 63               |  |
| Institutional                       | 90         | 3,330          | 91         | 3,784          | 100          | 4,586            | 133          | 5,500            | 132          | 5,425            | 134          | 5,097            | 126          | 5,051            | 124        | 5,303            | 117        | 5,612            | 134        | 6,535            |  |
| Total, Training                     | 93         | 3,444          | 94         | 3,912          | 102          | 4,664            | 136          | 5,619            | 134          | 5,498            | 134          | 5,097            | 126          | 5,051            | 125        | 5,366            | 117        | 5,612            | 135        | 6,598            |  |
| R & D Contracts (SBIR/STTR)         | 12         | 6,102          | 15         | 6,385          | 44           | 20,464           | 58           | 31,468           | 77           | 38,129           | 69           | 35,491           | 76           | 41,044           | 80         | 52,637           | 86         | 51,870           | 91         | 54,611           |  |
|                                     | (1)        | (335)          | (0)        | (0)            | (0)          | (0)              | (0)          | (0)              | (1)          | (54)             | (1)          | (62)             | (1)          | (64)             | (1)        | (66)             | (1)        | (85)             | (4)        | (437)            |  |
| Intramural Research                 |            | 0              |            | 0              |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |            | 0                |            | 0                |            | 0                |  |
| Res. Mgmt and Support (SBIR Admin.) |            | 17,263         |            | 18,681         |              | 21,192           |              | 23,310           |              | 25,086           |              | 25,657           |              | 27,395           |            | 27,954           |            | 31,266           |            | 36,001           |  |
| Cancer Control                      |            | 0              |            | 0              |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |            | 0                |            | 0                |            | 0                |  |
| Construction                        |            | 72,681         |            | 75,000         |              | 110,000          |              | 119,220          |              | 118,508          |              | 29,760           |              | 0                |            | 0                |            | 0                |            | 0                |  |
| B&F                                 |            | 0              |            | 0              |              | 0                |              | 0                |              | 0                |              | 0                |              | 0                |            | 0                |            | 0                |            | 0                |  |
| <b>NCRR Total Obligations</b>       |            | <b>676,077</b> |            | <b>817,098</b> |              | <b>1,010,169</b> |              | <b>1,138,820</b> |              | <b>1,191,556</b> |              | <b>1,108,028</b> |              | <b>1,088,500</b> |            | <b>1,131,618</b> |            | <b>1,153,911</b> |            | <b>1,224,629</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NCRR

| Mechanism <sup>1</sup>              | FY 2010    |                  | FY 2011    |                   | FY 2012  |          | FY 2013  |          | FY 2014  |          | FY 2015  |          | FY 2016  |          | FY 2017  |          | FY 2018  |          | FY 2019  |          |          |          |
|-------------------------------------|------------|------------------|------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                                     | No.        | Amount           | No.        | Amount            | No.      | Amount   | No.      | Amount   | No.      | Amount   | No.      | Amount   | No.      | Amount   | No.      | Amount   | No.      | Amount   | No.      | Amount   |          |          |
| Research Proj.:                     |            |                  |            |                   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Noncompeting                        | 79         | 22,179           | 76         | 21,416            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Admin. Supp.                        | (0)        | 374              | (4)        | 397               |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Competing                           | 50         | 11,921           | 42         | 12,016            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Subtotal, RPGs                      | 129        | 34,474           | 118        | 33,829            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| SBIR/STTR                           | 95         | 32,928           | 81         | 32,051            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Subtotal, RPGs                      | 224        | 67,402           | 199        | 65,880            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Research Centers:</b>            |            |                  |            |                   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Spec/Comp.                          | 99         | 228,862          | 103        | 226,505           |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Clinical Research                   | 70         | 427,542          | 64         | 431,542           |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Biotechnology                       | 50         | 82,518           | 49         | 83,085            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Comparative Med.                    | 45         | 130,013          | 47         | 124,206           |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| RCMI                                | 23         | 59,313           | 23         | 58,697            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Subtotal, Centers                   | 287        | 928,248          | 286        | 924,035           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Other Research:</b>              |            |                  |            |                   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Research Careers                    | 87         | 46,257           | 85         | 35,808            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Cancer Ed.                          | 0          | 0                | 0          | 0                 |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Coop. Cl.                           | 0          | 0                | 0          | 50                |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| BRS                                 | 129        | 64,528           | 131        | 68,208            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| MBRS                                | 0          | 0                | 0          | 0                 |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Other                               | 145        | 64,680           | 160        | 66,618            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Subtotal, Other                     | 361        | 175,465          | 376        | 170,684           | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total, Res. Grants</b>           | <b>872</b> | <b>1,171,115</b> | <b>861</b> | <b>1,160,599</b>  | <b>0</b> |
| <b>Training:</b>                    |            |                  |            |                   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Individual                          | FTIPs: 1   | 48               | FTIPs: 0   | 0                 | FTIPs: 0 | 0        | FTIPs: 0 | 0        | FTIPs: 0 | 0        | FTIPs: 0 | 0        | FTIPs: 0 | 0        | FTIPs: 0 | 0        | FTIPs: 0 | 0        | FTIPs: 0 | 0        | FTIPs: 0 | 0        |
| Institutional                       | 138        | 6,205            | 145        | 6,708             |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Total, Training                     | 139        | 6,253            | 145        | 6,708             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| R & D Contracts (SBIR/STTR)         | 91<br>(4)  | 53,073<br>(632)  | 107<br>(4) | 53,037<br>(1,287) |          | 0<br>(0) |
| Intramural Research                 |            | 0                |            | 0                 |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Res. Mgmt and Support (SBIR Admin.) |            | 36,580           |            | 37,297            |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Cancer Control                      |            | 0                |            | 0                 |          | 0        | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      |
| Construction                        |            | 0                |            | 0                 |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| B&F                                 |            | 0                |            | 0                 |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| <b>NCRR Total Obligations</b>       |            | <b>1,267,021</b> |            | <b>1,257,641</b>  | <b>0</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
 Mechanism Detail  
 Actual Obligations, FY 2020 - FY 2024  
 (Dollars in Thousands)

**NCRR**

| Mechanism <sup>1</sup>        | FY 2020  |          | FY 2021  |          | FY 2022  |          | FY 2023  |          | FY 2024  |          |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                               | No.      | Amount   |
| Research Proj.:               |          |          |          |          |          |          |          |          |          |          |
| Noncompeting                  |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Admin. Supp.                  |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Competing                     |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Subtotal, RPGs                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| SBIR/STTR                     |          |          |          |          |          |          |          |          |          |          |
| Subtotal, RPGs                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Research Centers:</b>      |          |          |          |          |          |          |          |          |          |          |
| Spec/Comp.                    |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Clinical Research             |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Biotechnology                 |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Comparative Med.              |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| RCMI                          |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Subtotal, Centers             | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Other Research:</b>        |          |          |          |          |          |          |          |          |          |          |
| Research Careers              |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Cancer Ed.                    |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Coop. Cl.                     |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| BRS                           |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| MBRS                          |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Other                         |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Subtotal, Other               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Total, Res. Grants</b>     | <b>0</b> |
| <b>Training:</b>              |          |          |          |          |          |          |          |          |          |          |
| Individual                    | FTIPs:   | 0        |
| Institutional                 |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| <b>Total, Training</b>        | <b>0</b> |
| <b>R &amp; D Contracts</b>    |          |          |          |          |          |          |          |          |          |          |
| (SBIR/STTR)                   |          | (0)      |          | (0)      |          | (0)      |          | (0)      |          | (0)      |
| Intramural Research           |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Res. Mgmt and Support         |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| (SBIR Admin.)                 | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      | (0)      |
| Cancer Control                |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| Construction                  |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| B&F                           |          | 0        |          | 0        |          | 0        |          | 0        |          | 0        |
| <b>NCRR Total Obligations</b> |          | <b>0</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
 Mechanism Detail  
 Actual Obligations, FY 2000 - FY 2009  
 (Dollars in Thousands)

NCATS

| Mechanism <sup>1</sup>   | FY 2000 |        | FY 2001 |        | FY 2002 |        | FY 2003 |        | FY 2004 |        | FY 2005 |        | FY 2006 |        | FY 2007 |        | FY 2008 |        | FY 2009 |        |        |   |
|--|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|---|
|  | No.     | Amount |        |   |
| Research Proj.:<br>Noncompeting<br>Admin. Supp.<br>Competing   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| SBIR/STTR  |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Research Centers:</b><br>Spec/Comp.<br>Clinical Research<br>Biotechnology<br>Comparative Med.<br>RCMI |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, Centers  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Other Research:</b><br>Research Careers<br>Cancer Ed.<br>Coop. Cl.<br>BRS<br>MBRS<br>Other            |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, Other  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| Total, Res. Grants   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Training:</b><br>Individual<br>Institutional  | FTIPs:  |        | FTIPs: |   |
| Total, Training  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| R & D Contracts<br>(SBIR/STTR)   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Intramural Research<br>Res. Mgmt and Support<br>(SBIR Admin.)<br>Cancer Control<br>Construction<br>B&F   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| <b>NCATS Total Obligations</b>   |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |        | 0 |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NCATS

| Mechanism <sup>1</sup>              | FY 2010  |          | FY 2011  |          | FY 2012        |                | FY 2013        |                | FY 2014        |                | FY 2015        |                | FY 2016    |                | FY 2017    |                | FY 2018    |                | FY 2019    |                |   |
|-------------------------------------|----------|----------|----------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|---|
|                                     | No.      | Amount   | No.      | Amount   | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         |   |
| Research Proj.:                     |          |          |          |          |                |                |                |                |                |                |                |                |            |                |            |                |            |                |            |                |   |
| Noncompeting                        |          |          |          |          | 0              | 776            | 0              | 7,942          | 8              | 22,407         | 4              | 17,758         | 6          | 21,599         | 18         | 17,303         | 38         | 33,130         | 48         | 41,713         |   |
| Admin. Supp.                        |          |          |          |          | (1)            | 39             | (1)            | 37             | (6)            | 1,696          | (7)            | 1,861          | (21)       | 3,741          | (5)        | 2,786          | (13)       | 2,372          | (8)        | 1,635          |   |
| Competing                           |          |          |          |          | 0              | 7,140          | 0              | 0              | 1              | 4,856          | 4              | 2,998          | 18         | 12,127         | 26         | 17,992         | 23         | 17,511         | 24         | 16,157         |   |
| Subtotal, RPGs                      | 0        | 0        | 0        | 0        | 0              | 7,955          | 0              | 7,979          | 9              | 28,959         | 8              | 22,616         | 24         | 37,468         | 44         | 38,080         | 61         | 53,014         | 72         | 59,505         |   |
| SBIR/STTR                           |          |          |          |          | 49             | 15,241         | 26             | 13,715         | 26             | 12,080         | 28             | 13,781         | 30         | 15,689         | 34         | 18,383         | 35         | 20,729         | 32         | 20,176         |   |
| Subtotal, RPGs                      | 0        | 0        | 0        | 0        | 49             | 23,196         | 26             | 21,694         | 35             | 41,039         | 36             | 36,398         | 54         | 53,157         | 78         | 56,463         | 96         | 73,743         | 104        | 79,682         |   |
| <b>Research Centers:</b>            |          |          |          |          |                |                |                |                |                |                |                |                |            |                |            |                |            |                |            |                |   |
| Spec/Comp.                          |          |          |          |          | 5              | 15,523         | 6              | 16,153         | 7              | 30,214         | 3              | 20,081         | 3          | 16,789         | 2          | 13,895         | 0          | 9,951          | 0          | 13,139         |   |
| Clinical Research                   |          |          |          |          | 64             | 396,312        | 58             | 368,200        | 50             | 393,655        | 58             | 399,835        | 57         | 385,480        | 57         | 385,486        | 58         | 397,388        | 60         | 400,977        |   |
| Biotechnology                       |          |          |          |          | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| Comparative Med.                    |          |          |          |          | 0              | 192            | 0              | 190            | 0              | 198            | 0              | 198            | 0          | 158            | 0          | 127            | 0          | 0              | 0          | 0              | 0 |
| RCMI                                |          |          |          |          | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| Subtotal, Centers                   | 0        | 0        | 0        | 0        | 69             | 412,027        | 64             | 384,543        | 57             | 424,067        | 61             | 420,115        | 60         | 402,427        | 59         | 399,508        | 58         | 407,339        | 60         | 414,115        |   |
| <b>Other Research:</b>              |          |          |          |          |                |                |                |                |                |                |                |                |            |                |            |                |            |                |            |                |   |
| Research Careers                    |          |          |          |          | 70             | 48,667         | 61             | 46,048         | 53             | 45,580         | 61             | 48,018         | 58         | 52,291         | 57         | 44,745         | 58         | 55,043         | 60         | 58,671         |   |
| Cancer Ed.                          |          |          |          |          | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| Coop. Cl.                           |          |          |          |          | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| BRS                                 |          |          |          |          | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| MBRS                                |          |          |          |          | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| Other                               |          |          |          |          | 10             | 2,294          | 11             | 3,142          | 8              | 900            | 6              | 867            | 19         | 27,559         | 22         | 42,883         | 28         | 36,396         | 35         | 57,476         |   |
| Subtotal, Other                     | 0        | 0        | 0        | 0        | 80             | 50,961         | 72             | 49,190         | 61             | 46,480         | 67             | 48,885         | 77         | 79,850         | 79         | 87,628         | 86         | 91,439         | 95         | 116,147        |   |
| <b>Total, Res. Grants</b>           | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>198</b>     | <b>486,184</b> | <b>162</b>     | <b>455,428</b> | <b>153</b>     | <b>511,586</b> | <b>164</b>     | <b>505,398</b> | <b>191</b> | <b>535,434</b> | <b>216</b> | <b>543,599</b> | <b>240</b> | <b>572,520</b> | <b>259</b> | <b>609,944</b> |   |
| <b>Training:</b>                    |          |          |          |          |                |                |                |                |                |                |                |                |            |                |            |                |            |                |            |                |   |
| Individual                          | FITPs:   |          | FITPs:   |          | FITPs:         | 0              | 0              | FITPs:         | 0              | 0              | FITPs:         | 0              | FITPs:     | 0              | FITPs:     | 0              | FITPs:     | 0              | FITPs:     | 0              | 0 |
| Institutional                       |          |          |          |          | 260            | 11,229         | 298            | 13,186         | 270            | 10,769         | 341            | 13,416         | 351        | 23,134         | 447        | 24,705         | 449        | 29,610         | 521        | 31,597         |   |
| Total, Training                     | 0        | 0        | 0        | 0        | 260            | 11,229         | 298            | 13,186         | 270            | 10,769         | 341            | 13,416         | 351        | 23,134         | 447        | 24,705         | 449        | 29,610         | 521        | 31,597         |   |
| R & D Contracts (SBIR/STTR)         |          |          |          |          | 158            | 23,102         | 187            | 21,534         | 102            | 26,541         | 104            | 27,028         | 137        | 27,623         | 118        | 28,315         | 126        | 30,619         | 133        | 46,277         |   |
|                                     |          |          |          |          | (4)            | (33)           | (8)            | (1,361)        | (11)           | (5,329)        | (15)           | (4,740)        | (13)       | (4,884)        | (0)        | (3,472)        | (0)        | (3,045)        | (8)        | (0)            |   |
| Intramural Research                 |          |          |          |          |                | 23,955         | 36             | 22,577         | 35             | 53,099         | 34             | 54,178         | 37         | 62,385         | 45         | 69,207         | 48         | 81,734         | 48         | 115,590        |   |
| Res. Mgmt and Support (SBIR Admin.) |          |          |          |          |                | 30,094         | 91             | 29,873         | 90             | 31,576         | 95             | 32,609         | 105        | 35,810         | 121        | 38,423         | 124        | 39,597         | 124        | 44,022         |   |
| Cancer Control                      |          |          |          |          |                |                | (0)            | (0)            | (0)            | (218)          | (0)            | (253)          | (0)        | (253)          | (0)        | (318)          | (0)        | (0)            | (0)        | (268)          |   |
| Construction                        |          |          |          |          |                |                | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| B&F                                 |          |          |          |          |                | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0 |
| <b>NCATS Total Obligations</b>      | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>574,564</b> | <b>542,598</b> | <b>633,571</b> | <b>632,629</b> | <b>684,366</b> | <b>704,248</b> | <b>754,080</b> | <b>847,430</b> |            |                |            |                |            |                |            |                |   |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NCATS

| Mechanism <sup>1</sup>              | FY 2020 <sup>2</sup> |                | FY 2021 <sup>2</sup> |                | FY 2022 <sup>2</sup> |                | FY 2023 <sup>2</sup> |                | FY 2024 <sup>2</sup> |                |
|-------------------------------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|
|                                     | No.                  | Amount         |
| Research Proj.:                     |                      |                |                      |                |                      |                |                      |                |                      |                |
| Noncompeting                        | 51                   | 41,784         | 61                   | 43,698         | 44                   | 31,279         | 64                   | 34,167         | 58                   | 139,327        |
| Admin. Supp.                        | (4)                  | 576            | (17)                 | 1,467          | (5)                  | 1,711          | (3)                  | 1,210          | (2)                  | 374            |
| Competing                           | 34                   | 16,100         | 19                   | 8,589          | 37                   | 14,117         | 52                   | 119,749        | 45                   | 80,278         |
| Subtotal, RPGs                      | 85                   | 58,460         | 80                   | 53,754         | 81                   | 47,107         | 116                  | 155,126        | 103                  | 219,979        |
| SBIR/STTR                           | 31                   | 19,852         | 34                   | 21,398         | 41                   | 24,457         | 34                   | 22,077         | 38                   | 23,531         |
| Subtotal, RPGs                      | 116                  | 78,312         | 114                  | 75,152         | 122                  | 71,564         | 150                  | 177,203        | 141                  | 243,510        |
| Research Centers:                   |                      |                |                      |                |                      |                |                      |                |                      |                |
| Spec/Comp.                          | 0                    | 10,848         | 0                    | 10,441         | 0                    | 10,739         | 0                    | 10,963         | 0                    | 500            |
| Clinical Research                   | 60                   | 412,440        | 61                   | 404,309        | 63                   | 427,298        | 47                   | 315,829        | 36                   | 252,427        |
| Biotechnology                       | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Comparative Med.                    | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| RCMI                                | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Subtotal, Centers                   | 60                   | 423,288        | 61                   | 414,751        | 63                   | 438,037        | 47                   | 326,792        | 36                   | 252,927        |
| Other Research:                     |                      |                |                      |                |                      |                |                      |                |                      |                |
| Research Careers                    | 60                   | 58,914         | 61                   | 59,859         | 63                   | 57,987         | 59                   | 60,383         | 59                   | 60,336         |
| Cancer Ed.                          | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Coop. Cl.                           | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| BRS                                 | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| MBRS                                | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Other                               | 37                   | 41,237         | 39                   | 41,366         | 31                   | 33,672         | 43                   | 36,534         | 40                   | 38,361         |
| Subtotal, Other                     | 97                   | 100,152        | 100                  | 101,224        | 94                   | 91,660         | 102                  | 96,917         | 99                   | 98,697         |
| Total, Res. Grants                  | 273                  | 601,752        | 275                  | 591,127        | 279                  | 601,261        | 299                  | 600,912        | 276                  | 595,133        |
| Training:                           |                      |                |                      |                |                      |                |                      |                |                      |                |
| Individual                          | ETIPs                | 0              |
| Institutional                       | 495                  | 30,675         | 461                  | 27,227         | 488                  | 26,509         | 442                  | 27,287         | 442                  | 27,121         |
| Total, Training                     | 495                  | 30,675         | 461                  | 27,227         | 488                  | 26,509         | 442                  | 27,287         | 442                  | 27,121         |
| R & D Contracts (SBIR/STTR)         | 103                  | 48,500         | 119                  | 75,377         | 112                  | 84,666         | 138                  | 122,232        | 167                  | 119,655        |
|                                     | (8)                  | (4,932)        | (7)                  | (3,539)        | (4)                  | (916)          | (7)                  | (4,636)        | (4)                  | (2,794)        |
|                                     |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| Intramural Research                 | 56                   | 98,865         | 80                   | 98,156         | 88                   | 106,200        | 101                  | 98,586         | 112                  | 101,325        |
| Res. Mgmt and Support (SBIR Admin.) | 131                  | 53,065         | 157                  | 60,904         | 174                  | 63,605         | 177                  | 74,285         | 186                  | 85,053         |
| Cancer Control                      | (0)                  | (327)          | (0)                  | (0)            | (0)                  | (430)          | (0)                  | (434)          | (0)                  | (354)          |
| Construction                        |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| B&F                                 |                      | 0              |                      | 0              |                      | 0              |                      | 0              |                      | 0              |
| <b>NCATS Total Obligations</b>      |                      | <b>832,856</b> |                      | <b>852,792</b> |                      | <b>882,240</b> |                      | <b>923,301</b> |                      | <b>928,288</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> FY 2020 thru FY 2024 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2024 from these multi-year accounts.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

NCCIH

| Mechanism <sup>1</sup>                                  | FY 2000    |               | FY 2001    |               | FY 2002    |                | FY 2003    |                | FY 2004    |                | FY 2005    |                | FY 2006    |                | FY 2007    |                | FY 2008    |                | FY 2009    |                |  |
|---|------------|---------------|------------|---------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|--|
|   | No.        | Amount        | No.        | Amount        | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         | No.        | Amount         |  |
| Research Proj.:   |            |               |            |               |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Noncompeting  | 20         | 12,232        | 49         | 18,972        | 99         | 28,348         | 87         | 34,023         | 99         | 37,372         | 125        | 41,472         | 160        | 53,650         | 163        | 50,730         | 123        | 48,433         | 120        | 46,082         |  |
| Admin. Supp.  | (3)        | 208           | (23)       | 205           | (6)        | 1,096          | (10)       | 1,394          | (7)        | 418            | (12)       | 831            | (15)       | 850            | (9)        | 589            | (17)       | 4,268          | (16)       | 4,986          |  |
| Competing   | 54         | 16,242        | 68         | 17,136        | 43         | 13,720         | 66         | 18,357         | 101        | 25,610         | 100        | 26,693         | 80         | 16,717         | 65         | 22,767         | 71         | 21,602         | 74         | 22,696         |  |
| Subtotal, RPGs  | 74         | 28,682        | 117        | 36,313        | 142        | 43,164         | 153        | 53,774         | 200        | 63,400         | 225        | 68,996         | 240        | 71,217         | 228        | 74,086         | 194        | 74,303         | 194        | 73,764         |  |
| SBIR/STTR   | 8          | 1,899         | 10         | 2,540         | 13         | 2,448          | 11         | 2,543          | 8          | 2,683          | 11         | 2,765          | 13         | 2,709          | 10         | 2,767          | 9          | 2,738          | 9          | 3,251          |  |
| Subtotal, RPGs  | 82         | 30,571        | 127        | 38,853        | 155        | 45,612         | 164        | 56,317         | 208        | 66,083         | 236        | 71,761         | 253        | 73,926         | 238        | 76,853         | 203        | 77,041         | 203        | 77,015         |  |
| <b>Research Centers:</b>                                |            |               |            |               |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Spec/Comp.  | 15         | 17,503        | 14         | 16,478        | 16         | 18,326         | 14         | 16,460         | 7          | 7,662          | 6          | 2,137          | 5          | 1,895          | 6          | 2,320          | 6          | 2,031          | 6          | 2,401          |  |
| Clinical Research                                       | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Biotechnology   | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Comparative Med.  | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| RCMI  | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Subtotal, Centers                                       | 15         | 17,503        | 14         | 16,478        | 16         | 18,326         | 14         | 16,460         | 7          | 7,662          | 6          | 2,137          | 5          | 1,895          | 6          | 2,320          | 6          | 2,031          | 6          | 2,401          |  |
| <b>Other Research:</b>                                  |            |               |            |               |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Research Careers  | 13         | 1,859         | 19         | 2,872         | 28         | 4,137          | 31         | 4,714          | 39         | 5,712          | 46         | 6,297          | 44         | 5,961          | 44         | 5,473          | 51         | 6,116          | 55         | 6,650          |  |
| Cancer Ed.  | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Coop. Cl.   | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 1,000          | 0          | 0              | 0          | 1,000          | 0          | 500            | 0          | 500            | 0          | 500            | 0          | 0              |  |
| BRS   | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| MBRS  | 0          | 0             | 0          | 0             | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              | 0          | 0              |  |
| Other   | 8          | 1,988         | 14         | 5,303         | 21         | 5,961          | 25         | 6,168          | 25         | 6,434          | 29         | 5,301          | 22         | 3,785          | 24         | 2,792          | 19         | 2,683          | 17         | 2,481          |  |
| Subtotal, Other   | 21         | 3,847         | 33         | 8,175         | 49         | 10,098         | 56         | 11,882         | 64         | 12,146         | 75         | 12,598         | 66         | 10,246         | 68         | 8,765          | 70         | 9,299          | 72         | 9,131          |  |
| <b>Total, Res. Grants</b>                               | <b>118</b> | <b>51,921</b> | <b>174</b> | <b>63,506</b> | <b>220</b> | <b>74,036</b>  | <b>234</b> | <b>84,659</b>  | <b>279</b> | <b>85,891</b>  | <b>317</b> | <b>86,496</b>  | <b>324</b> | <b>86,067</b>  | <b>312</b> | <b>87,938</b>  | <b>279</b> | <b>88,371</b>  | <b>281</b> | <b>88,547</b>  |  |
| <b>Training:</b>  |            |               |            |               |            |                |            |                |            |                |            |                |            |                |            |                |            |                |            |                |  |
| Individual  | 8          | 215           | 17         | 504           | 15         | 473            | 14         | 463            | 11         | 406            | 17         | 658            | 20         | 761            | 25         | 942            | 24         | 948            | 21         | 861            |  |
| Institutional   | 15         | 864           | 46         | 2,001         | 60         | 2,937          | 63         | 3,013          | 62         | 3,512          | 57         | 3,168          | 46         | 2,104          | 41         | 2,645          | 75         | 3,136          | 56         | 3,055          |  |
| Total, Training   | 23         | 1,079         | 63         | 2,505         | 75         | 3,410          | 77         | 3,476          | 73         | 3,918          | 74         | 3,826          | 66         | 2,865          | 66         | 3,587          | 99         | 4,084          | 77         | 3,916          |  |
| R & D Contracts (SBIR/STTR)                             | 9          | 9,069         | 10         | 5,797         | 8          | 8,677          | 13         | 8,440          | 13         | 9,707          | 13         | 10,238         | 14         | 9,699          | 0          | 7,984          | 14         | 7,467          | 0          | 9,587          |  |
|   | (0)        | (0)           | (0)        | (0)           | (0)        | (0)            | (0)        | (0)            | (0)        | (5)            | (0)        | (7)            | (0)        | (7)            | (0)        | (5)            | (0)        | (6)            | (0)        | (0)            |  |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) |            | 1,166         |            | 2,053         |            | 3,989          |            | 3,661          |            | 4,240          |            | 7,198          |            | 7,448          |            | 7,433          |            | 7,452          |            | 8,043          |  |
|   |            | 14,573        |            | 15,259        |            | 14,222         |            | 13,169         |            | 12,834         |            | 13,575         |            | 14,215         |            | 14,427         |            | 14,639         |            | 15,172         |  |
| Cancer Control  |            | 0             |            | 0             |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| Construction  |            | 0             |            | 0             |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| B&F   |            | 0             |            | 0             |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |            | 0              |  |
| <b>NCCIH Total Obligations</b>                          |            | <b>77,808</b> |            | <b>89,120</b> |            | <b>104,334</b> |            | <b>113,405</b> |            | <b>116,690</b> |            | <b>121,333</b> |            | <b>120,294</b> |            | <b>121,369</b> |            | <b>122,013</b> |            | <b>125,265</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NCCIH

| Mechanism <sup>1</sup>              | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |                | FY 2019 |                |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|                                     | No.     | Amount         |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                        | 134     | 50,336         | 127     | 51,443         | 123     | 56,631         | 118     | 49,685         | 122     | 54,723         | 120     | 56,509         | 107     | 55,453         | 110     | 56,126         | 104     | 53,234         | 125     | 62,460         |  |
| Admin. Supp.                        | (15)    | 1,927          | (16)    | 2,638          | (17)    | 2,529          | (11)    | 2,651          | (6)     | 303            | (8)     | 1,106          | (12)    | 1,781          | (6)     | 2,888          | (12)    | 1,423          | (18)    | 2,462          |  |
| Competing                           | 59      | 24,080         | 52      | 22,618         | 45      | 18,047         | 47      | 20,105         | 45      | 20,666         | 34      | 14,366         | 47      | 18,057         | 42      | 20,558         | 62      | 27,032         | 51      | 20,832         |  |
| Subtotal, RPGs                      | 193     | 76,343         | 179     | 76,699         | 168     | 77,207         | 165     | 72,441         | 167     | 75,692         | 154     | 71,981         | 154     | 75,291         | 152     | 79,572         | 166     | 81,688         | 176     | 85,754         |  |
| SBIR/STTR                           | 12      | 2,914          | 7       | 2,774          | 8       | 3,055          | 7       | 3,009          | 11      | 3,195          | 12      | 3,279          | 11      | 3,563          | 10      | 3,893          | 9       | 4,146          | 13      | 4,201          |  |
| Subtotal, RPGs                      | 205     | 79,257         | 186     | 79,473         | 176     | 80,262         | 172     | 75,450         | 178     | 78,887         | 166     | 75,259         | 165     | 78,854         | 162     | 83,465         | 175     | 85,835         | 189     | 89,955         |  |
| <b>Research Centers:</b>            |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                          | 7       | 3,800          | 5       | 3,113          | 5       | 3,233          | 5       | 3,155          | 5       | 3,095          | 4       | 4,267          | 4       | 4,635          | 4       | 4,484          | 4       | 5,129          | 4       | 4,533          |  |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 449            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 2       | 933            | 1       | 891            | 2       | 1,374          | 2       | 855            | 2       | 840            |  |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 7       | 3,800          | 5       | 3,113          | 5       | 3,233          | 5       | 3,155          | 5       | 3,545          | 6       | 5,200          | 5       | 5,526          | 6       | 5,858          | 6       | 5,984          | 6       | 5,373          |  |
| <b>Other Research:</b>              |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                    | 46      | 5,681          | 44      | 5,651          | 46      | 5,824          | 37      | 4,806          | 33      | 4,345          | 32      | 4,269          | 33      | 4,325          | 35      | 4,904          | 39      | 5,677          | 35      | 5,850          |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 205            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                | 0       | 0              | 0       | 0              | 0       | 503            | 0       | 229            | 0       | 183            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Other                               | 10      | 2,047          | 10      | 1,821          | 11      | 1,988          | 10      | 1,480          | 6       | 1,533          | 5       | 1,623          | 5       | 1,468          | 5       | 1,824          | 9       | 2,828          | 9       | 2,227          |  |
| Subtotal, Other                     | 56      | 7,728          | 54      | 7,472          | 57      | 8,315          | 47      | 6,720          | 39      | 6,061          | 37      | 5,893          | 38      | 5,793          | 40      | 6,727          | 48      | 8,505          | 44      | 8,077          |  |
| Total, Res. Grants                  | 268     | 90,785         | 245     | 90,058         | 238     | 91,810         | 224     | 85,326         | 222     | 88,492         | 209     | 86,351         | 208     | 90,173         | 208     | 96,050         | 229     | 100,324        | 239     | 103,404        |  |
| <b>Training:</b>                    |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                          | 24      | 1,033          | 23      | 1,034          | 18      | 811            | 13      | 628            | 10      | 604            | 9       | 480            | 9       | 480            | 14      | 659            | 20      | 920            | 23      | 1,065          |  |
| Institutional                       | 56      | 2,922          | 47      | 1,595          | 41      | 2,042          | 43      | 2,597          | 39      | 2,130          | 48      | 3,339          | 48      | 3,301          | 44      | 3,180          | 38      | 2,049          | 36      | 2,404          |  |
| Total, Training                     | 80      | 3,955          | 70      | 2,629          | 59      | 2,853          | 56      | 3,225          | 49      | 2,735          | 57      | 3,820          | 57      | 3,781          | 58      | 3,839          | 58      | 2,969          | 59      | 3,469          |  |
| R & D Contracts (SBIR/STTR)         | 0       | 10,278         | 14      | 11,168         | 14      | 9,415          | 0       | 9,094          | 9       | 9,511          | 10      | 9,788          | 0       | 10,531         | 11      | 8,345          | 14      | 11,342         | 8       | 8,741          |  |
|                                     | (0)     | (0)            | (2)     | (245)          | (0)     | (7)            | (0)     | (2)            | (0)     | (9)            | (2)     | (28)           | (0)     | (29)           | (0)     | (42)           | (0)     | (8)            | (0)     | (45)           |  |
| Intramural Research                 |         | 8,165          |         | 8,256          |         | 8,246          | 8       | 7,956          | 9       | 8,131          | 9       | 8,132          | 8       | 9,089          | 8       | 9,058          | 8       | 9,606          | 8       | 11,606         |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 15,432         |         | 15,595         |         | 15,600         | 64      | 15,165         | 66      | 15,499         | 63      | 15,956         | 64      | 16,186         | 62      | 17,082         | 60      | 17,426         | 63      | 18,713         |  |
| Cancer Control                      |         | 0              |         | 0              |         | 0              | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |  |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |  |
| <b>NCCIH Total Obligations</b>      |         | <b>128,615</b> |         | <b>127,706</b> |         | <b>127,924</b> |         | <b>120,767</b> |         | <b>124,368</b> |         | <b>124,046</b> |         | <b>129,760</b> |         | <b>134,373</b> |         | <b>141,667</b> |         | <b>145,933</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NCCIH

| Mechanism <sup>1</sup>              | FY 2020 |                | FY 2021 |                | FY 2022 |                | FY 2023 |                | FY 2024 |                |    |     |       |    |     |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|----|-----|-------|----|-----|
|                                     | No.     | Amount         |    |     |       |    |     |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |    |     |       |    |     |
| Noncompeting                        | 138     | 66,761         | 121     | 66,924         | 118     | 64,866         | 126     | 66,386         | 112     | 60,541         |    |     |       |    |     |
| Admin. Supp.                        | (22)    | 4,110          | (25)    | 2,996          | (16)    | 1,481          | (16)    | 1,756          | (21)    | 3,944          |    |     |       |    |     |
| Competing                           | 39      | 17,738         | 45      | 19,347         | 46      | 19,815         | 43      | 22,636         | 49      | 23,536         |    |     |       |    |     |
| Subtotal, RPGs                      | 177     | 88,610         | 166     | 89,268         | 164     | 86,162         | 169     | 90,778         | 161     | 88,020         |    |     |       |    |     |
| SBIR/STTR                           | 9       | 4,328          | 8       | 4,381          | 8       | 4,440          | 9       | 4,757          | 9       | 4,718          |    |     |       |    |     |
| Subtotal, RPGs                      | 186     | 92,938         | 174     | 93,649         | 172     | 90,602         | 178     | 95,535         | 170     | 92,738         |    |     |       |    |     |
| Research Centers:                   |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |    |     |       |    |     |
| Spec/Comp.                          | 1       | 1,372          | 1       | 2,596          | 1       | 2,388          | 1       | 2,996          | 1       | 2,753          |    |     |       |    |     |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |    |     |       |    |     |
| Biotechnology                       | 1       | 995            | 1       | 733            | 1       | 733            | 1       | 733            | 1       | 733            |    |     |       |    |     |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |    |     |       |    |     |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |    |     |       |    |     |
| Subtotal, Centers                   | 2       | 2,366          | 2       | 3,328          | 2       | 3,120          | 2       | 3,728          | 2       | 3,486          |    |     |       |    |     |
| Other Research:                     |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |    |     |       |    |     |
| Research Careers                    | 38      | 6,311          | 36      | 5,832          | 41      | 6,381          | 43      | 6,588          | 51      | 7,859          |    |     |       |    |     |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |    |     |       |    |     |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |    |     |       |    |     |
| BRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |    |     |       |    |     |
| MBRS                                | 0       | 0              | 0       | 150            | 0       | 150            | 0       | 150            | 0       | 150            |    |     |       |    |     |
| Other                               | 7       | 3,311          | 9       | 5,439          | 20      | 9,431          | 23      | 10,564         | 25      | 11,924         |    |     |       |    |     |
| Subtotal, Other                     | 45      | 9,622          | 45      | 11,421         | 61      | 15,963         | 66      | 17,302         | 76      | 19,933         |    |     |       |    |     |
| Total, Res. Grants                  | 233     | 104,926        | 221     | 108,399        | 235     | 109,684        | 246     | 116,566        | 248     | 116,157        |    |     |       |    |     |
| Training:                           |         |                |         |                |         |                |         |                |         |                |    |     |       |    |     |
| Individual                          | FTIPs   | 27             | 1,220   | ETIPs          | 20      | 855            | ETIPs   | 16             | 655     | ETIPs          | 20 | 794 | ETIPs | 23 | 981 |
| Institutional                       | 46      | 3,580          | 46      | 3,774          | 44      | 3,661          | 44      | 2,354          | 46      | 3,110          |    |     |       |    |     |
| Total, Training                     | 73      | 4,800          | 66      | 4,629          | 60      | 4,316          | 64      | 3,147          | 69      | 4,092          |    |     |       |    |     |
| R & D Contracts (SBIR/STTR)         | 10      | 10,754         | 10      | 8,563          | 15      | 9,603          | 13      | 12,267         | 8       | 10,090         |    |     |       |    |     |
|                                     | (0)     | (45)           | (0)     | (46)           | (0)     | (46)           | (2)     | (51)           | (3)     | (83)           |    |     |       |    |     |
|                                     |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |    |     |       |    |     |
| Intramural Research                 | 8       | 12,792         | 11      | 12,785         | 12      | 15,440         | 14      | 16,653         | 17      | 17,325         |    |     |       |    |     |
| Res. Mgmt and Support (SBIR Admin.) | 63      | 18,600         | 67      | 19,225         | 74      | 20,234         | 80      | 21,639         | 85      | 22,681         |    |     |       |    |     |
| Cancer Control                      | (0)     | (56)           | (0)     | (66)           | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |    |     |       |    |     |
| Construction                        |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |    |     |       |    |     |
| B&F                                 |         | 0              |         | 0              |         | 0              |         | 0              |         | 0              |    |     |       |    |     |
| <b>NCCIH Total Obligations</b>      |         | <b>151,871</b> |         | <b>153,601</b> |         | <b>159,277</b> |         | <b>170,272</b> |         | <b>170,344</b> |    |     |       |    |     |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

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| Mechanism <sup>1</sup>                                  | FY 2000 |               | FY 2001 |               | FY 2002 |               | FY 2003 |               | FY 2004 |               | FY 2005 |               | FY 2006 |               | FY 2007 |               | FY 2008 |               | FY 2009 |               |  |
|---|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|--|
|   | No.     | Amount        |  |
| Research Proj.:   |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |  |
| Noncompeting  | 102     | 5,302         | 114     | 7,516         | 134     | 8,344         | 153     | 9,081         | 185     | 13,424        | 154     | 11,419        | 145     | 11,533        | 122     | 9,780         | 113     | 10,102        | 115     | 11,436        |  |
| Admin. Supp.  | (5)     | 340           | (0)     | 0             | (4)     | 69            | (10)    | 653           | (4)     | 1,281         | (12)    | 528           | (3)     | 95            | (3)     | 141           | (7)     | 383           | (0)     | 0             |  |
| Competing   | 59      | 3,371         | 71      | 3,218         | 104     | 5,070         | 93      | 6,888         | 60      | 3,214         | 57      | 4,030         | 49      | 3,126         | 52      | 4,642         | 43      | 3,905         | 36      | 2,554         |  |
| Subtotal, RPGs  | 161     | 9,013         | 185     | 10,734        | 238     | 13,483        | 246     | 16,622        | 245     | 17,919        | 211     | 15,977        | 194     | 14,754        | 174     | 14,563        | 156     | 14,390        | 151     | 13,990        |  |
| SBIR/STTR   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| Subtotal, RPGs  | 161     | 9,013         | 185     | 10,734        | 238     | 13,483        | 246     | 16,622        | 245     | 17,919        | 211     | 15,977        | 194     | 14,754        | 174     | 14,563        | 156     | 14,390        | 151     | 13,990        |  |
| Research Centers:                                       |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |  |
| Spec/Comp.  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 95            | 0       | 0             | 0       | 0             | 0       | 125           | 0       | 0             | 0       | 0             | 0       | 35            |  |
| Clinical Research                                       | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| Biotechnology   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| Comparative Med.  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| RCMI  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| Subtotal, Centers                                       | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 95            | 0       | 0             | 0       | 0             | 0       | 125           | 0       | 0             | 0       | 0             | 0       | 35            |  |
| Other Research:   |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |  |
| Research Careers  | 8       | 843           | 9       | 903           | 12      | 1,410         | 17      | 1,861         | 16      | 1,681         | 16      | 1,717         | 10      | 1,034         | 12      | 1,328         | 11      | 1,302         | 11      | 1,215         |  |
| Cancer Ed.  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| Coop. Cl.   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| BRS   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| MBRS  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| Other   | 171     | 25,113        | 156     | 29,006        | 145     | 30,758        | 139     | 31,510        | 137     | 33,050        | 147     | 35,876        | 154     | 36,663        | 172     | 36,343        | 172     | 34,530        | 173     | 36,602        |  |
| Subtotal, Other   | 179     | 25,956        | 165     | 29,909        | 157     | 32,168        | 156     | 33,371        | 153     | 34,731        | 163     | 37,593        | 164     | 37,697        | 184     | 37,671        | 183     | 35,832        | 184     | 37,817        |  |
| Total, Res. Grants                                      | 340     | 34,969        | 350     | 40,643        | 395     | 45,651        | 402     | 50,088        | 398     | 52,650        | 374     | 53,570        | 358     | 52,576        | 358     | 52,234        | 339     | 50,222        | 335     | 51,842        |  |
| Training:   |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |  |
| Individual  | FITPs:  | 0             |  |
| Institutional   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 125           | 2       | 117           | 2       | 125           | 0       | 125           |  |
| Total, Training   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 125           | 2       | 117           | 2       | 125           | 0       | 125           |  |
| R & D Contracts (SBIR/STTR)                             | 0       | 0             | 0       | 0             | 0       | 42            | 0       | 1,158         | 0       | 1,165         | 0       | 1,302         | 0       | 1,341         | 0       | 1,357         | 0       | 3,518         | 0       | 3,159         |  |
|   | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           |  |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) | 0       | 8,477         | 0       | 9,787         | 0       | 11,094        | 0       | 12,179        | 0       | 11,345        | 0       | 11,292        | 0       | 11,684        | 0       | 12,640        | 0       | 12,963        | 0       | 13,481        |  |
| Cancer Control  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| Construction  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| B&F   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |  |
| <b>FIC Total Obligations</b>                            |         | <b>43,446</b> |         | <b>50,430</b> |         | <b>56,787</b> |         | <b>63,425</b> |         | <b>65,160</b> |         | <b>66,164</b> |         | <b>65,726</b> |         | <b>66,348</b> |         | <b>66,828</b> |         | <b>68,607</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

FIC

| Mechanism <sup>1</sup>                                  | FY 2010 |               | FY 2011 |               | FY 2012 |               | FY 2013 |               | FY 2014 |               | FY 2015 |               | FY 2016 |               | FY 2017 |               | FY 2018 |               | FY 2019 |               |        |   |
|---|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|--------|---|
|   | No.     | Amount        |        |   |
| Research Proj.:   |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |        |   |
| Noncompeting  | 101     | 10,026        | 92      | 9,270         | 70      | 7,842         | 51      | 5,806         | 40      | 4,693         | 38      | 6,077         | 25      | 5,786         | 32      | 6,980         | 33      | 7,222         | 57      | 10,553        |        |   |
| Admin. Supp.  | (5)     | 535           | (0)     | 5             | (5)     | 91            | (4)     | 900           | (0)     | 434           | (6)     | 376           | 0       | 230           | 0       | 191           | 0       | 334           | 9       | 680           |        |   |
| Competing   | 35      | 2,549         | 24      | 2,390         | 23      | 2,718         | 20      | 1,909         | 15      | 3,588         | 15      | 2,149         | 23      | 4,382         | 21      | 4,239         | 41      | 7,742         | 26      | 4,989         |        |   |
| Subtotal, RPGs  | 136     | 13,110        | 116     | 11,665        | 93      | 10,651        | 71      | 8,615         | 55      | 8,715         | 53      | 8,601         | 48      | 10,398        | 53      | 11,409        | 74      | 15,297        | 83      | 16,222        |        |   |
| SBIR/STTR   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| Subtotal, RPGs  | 136     | 13,110        | 116     | 11,665        | 93      | 10,651        | 71      | 8,615         | 55      | 8,715         | 53      | 8,601         | 48      | 10,398        | 53      | 11,409        | 74      | 15,297        | 83      | 16,222        |        |   |
| Research Centers:                                       |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |        |   |
| Spec/Comp.  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 486           | 0       | 481           | 0       | 461           | 0       | 586           | 0       | 999           | 0       | 700           |        |   |
| Clinical Research                                       | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| Biotechnology   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| Comparative Med.  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| RCMI  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| Subtotal, Centers                                       | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 486           | 0       | 481           | 0       | 461           | 0       | 586           | 0       | 999           | 0       | 700           |        |   |
| Other Research:   |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |        |   |
| Research Careers  | 13      | 1,248         | 22      | 2,530         | 20      | 2,388         | 21      | 2,591         | 20      | 2,544         | 26      | 3,259         | 26      | 3,472         | 46      | 5,063         | 53      | 5,534         | 68      | 6,380         |        |   |
| Cancer Ed.  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| Coop. Cl.   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| BRS   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| MBRS  | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| Other   | 168     | 38,343        | 148     | 37,444        | 158     | 37,986        | 177     | 36,365        | 164     | 37,734        | 167     | 36,988        | 170     | 36,579        | 160     | 34,894        | 136     | 32,459        | 137     | 32,788        |        |   |
| Subtotal, Other   | 181     | 39,591        | 170     | 39,974        | 178     | 40,374        | 198     | 38,956        | 184     | 40,278        | 193     | 40,247        | 196     | 40,050        | 206     | 39,957        | 189     | 37,994        | 205     | 39,168        |        |   |
| Total, Res. Grants                                      | 317     | 52,701        | 286     | 51,639        | 271     | 51,025        | 269     | 47,572        | 239     | 49,479        | 246     | 49,329        | 244     | 50,909        | 259     | 51,952        | 263     | 54,290        | 288     | 56,090        |        |   |
| Training:   |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |         |               |        |   |
| Individual  | FITPs:  | 0             | FITPs: | 0 |
| Institutional   | 2       | 125           | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| Total, Training   | 2       | 125           | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| R & D Contracts (SBIR/STTR)                             | 0       | 3,289         | 0       | 3,133         | 0       | 3,757         | 0       | 3,514         | 0       | 3,146         | 0       | 2,903         | 0       | 3,060         | 0       | 3,645         | 0       | 3,762         | 0       | 3,936         |        |   |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           |        |   |
| Cancer Control Construction                             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| B&F   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |        |   |
| <b>FIC Total Obligations</b>                            |         | <b>69,957</b> |         | <b>69,413</b> |         | <b>69,540</b> |         | <b>65,627</b> |         | <b>67,575</b> |         | <b>67,576</b> |         | <b>69,996</b> |         | <b>71,813</b> |         | <b>75,534</b> |         | <b>77,894</b> |        |   |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

FIC

| Mechanism <sup>1</sup>       | FY 2020 |               | FY 2021 |               | FY 2022 |               | FY 2023 |               | FY 2024 |               |
|------------------------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|
|                              | No.     | Amount        |
| Research Proj.:              |         |               |         |               |         |               |         |               |         |               |
| Noncompeting                 | 38      | 7,761         | 41      | 7,784         | 28      | 6,965         | 44      | 10,180        | 53      | 11,324        |
| Admin. Supp.                 | (13)    | 1,469         | (10)    | 1,062         | (11)    | 796           | (3)     | 477           | (7)     | 410           |
| Competing                    | 30      | 5,173         | 22      | 4,401         | 29      | 5,009         | 21      | 3,637         | 18      | 3,249         |
| Subtotal, RPGs               | 68      | 14,404        | 63      | 13,248        | 57      | 12,770        | 65      | 14,293        | 71      | 14,983        |
| SBIR/STTR                    | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Subtotal, RPGs               | 68      | 14,404        | 63      | 13,248        | 57      | 12,770        | 65      | 14,293        | 71      | 14,983        |
| Research Centers:            |         |               |         |               |         |               |         |               |         |               |
| Spec/Comp.                   | 0       | 700           | 0       | 1,069         | 0       | 1,025         | 0       | 1,151         | 3       | 2,129         |
| Clinical Research            | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Biotechnology                | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Comparative Med.             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| RCMI                         | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Subtotal, Centers            | 0       | 700           | 0       | 1,069         | 0       | 1,025         | 0       | 1,151         | 3       | 2,129         |
| Other Research:              |         |               |         |               |         |               |         |               |         |               |
| Research Careers             | 74      | 7,164         | 80      | 8,603         | 80      | 8,277         | 82      | 8,587         | 85      | 8,877         |
| Cancer Ed.                   | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Coop. Cl.                    | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 200           | 0       | 200           |
| BRS                          | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| MBRS                         | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Other                        | 141     | 35,611        | 157     | 37,058        | 166     | 39,513        | 175     | 43,849        | 177     | 40,811        |
| Subtotal, Other              | 215     | 42,775        | 237     | 45,661        | 246     | 47,790        | 257     | 52,636        | 262     | 49,888        |
| Total, Res. Grants           | 283     | 57,878        | 300     | 59,978        | 303     | 61,585        | 322     | 68,080        | 336     | 67,000        |
| Training:                    |         |               |         |               |         |               |         |               |         |               |
| Individual                   | FTIPs   | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Institutional                |         | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Total, Training              |         | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| R & D Contracts              |         |               |         |               |         |               |         |               |         |               |
| (SBIR/STTR)                  | 0       | 4,282         | 0       | 4,563         | 0       | 4,262         | 0       | 4,432         | 0       | 4,591         |
|                              | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           |
| Intramural Research          | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Res. Mgmt and Support        | 59      | 18,650        | 58      | 19,211        | 57      | 20,995        | 54      | 22,603        | 55      | 23,511        |
| (SBIR Admin.)                | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           | (0)     | (0)           |
| Cancer Control               | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| Construction                 | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| B&F                          | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             | 0       | 0             |
| <b>FIC Total Obligations</b> |         | <b>80,811</b> |         | <b>83,752</b> |         | <b>86,843</b> |         | <b>95,115</b> |         | <b>95,102</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| Mechanism <sup>1</sup>              | FY 2000 |        | FY 2001        |                | FY 2002        |                | FY 2003        |                | FY 2004        |                | FY 2005        |                | FY 2006        |                | FY 2007        |                | FY 2008        |                | FY 2009        |                |                |
|-------------------------------------|---------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                     | No.     | Amount | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         |                |
| Research Proj.:                     |         |        |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Noncompeting                        |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 45             | 12,790         | 42             | 13,336         | 62             | 19,739         | 61             | 19,483         |                |
| Admin. Supp.                        |         |        | (0)            | 0              | (0)            | 0              | (0)            | 0              | (0)            | 0              | (0)            | 0              | (2)            | 87             | (3)            | 374            | (3)            | 72             | (1)            | 51             |                |
| Competing                           |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 23             | 7,577          | 39             | 11,158         | 28             | 7,608          | 21             | 6,563          |                |
| Subtotal, RPGs                      | 0       | 0      | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 68             | 20,454         | 81             | 24,868         | 90             | 27,419         | 82             | 26,097         |                |
| SBIR/STTR                           |         |        | 0              | 0              | 4              | 600            | 2              | 663            | 4              | 728            | 4              | 728            | 3              | 784            | 5              | 1,116          | 2              | 979            | 4              | 806            |                |
| Subtotal, RPGs                      | 0       | 0      | 0              | 0              | 4              | 600            | 2              | 663            | 4              | 728            | 4              | 728            | 71             | 21,238         | 86             | 25,984         | 92             | 28,398         | 86             | 26,903         |                |
| Research Centers:                   |         |        |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Spec/Comp.                          |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 1              | 800            | 0              | 0              | 0              | 766            | 0              | 0              |                |
| Clinical Research                   |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| Biotechnology                       |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| Comparative Med.                    |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| RCMI                                |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| Subtotal, Centers                   | 0       | 0      | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 1              | 800            | 0              | 0              | 0              | 766            | 0              | 0              |                |
| Other Research:                     |         |        |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Research Careers                    |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 20             | 3,022          | 18             | 2,539          | 12             | 1,560          | 6              | 629            |                |
| Cancer Ed.                          |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| Coop. Cl.                           |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| BRS                                 |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 5              | 2,770          | 5              | 2,783          |                |
| MBRS                                |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |                |
| Other                               |         |        | 211            | 40,620         | 202            | 43,860         | 196            | 51,874         | 209            | 55,566         | 207            | 52,540         | 116            | 16,322         | 81             | 10,536         | 70             | 18,880         | 63             | 19,273         |                |
| Subtotal, Other                     | 0       | 0      | 211            | 40,620         | 202            | 43,860         | 196            | 51,874         | 209            | 55,566         | 207            | 52,540         | 136            | 19,344         | 99             | 13,077         | 87             | 23,210         | 74             | 22,665         |                |
| Total, Res. Grants                  | 0       | 0      | 211            | 40,620         | 206            | 44,460         | 198            | 52,537         | 213            | 56,294         | 211            | 53,268         | 208            | 41,382         | 185            | 39,061         | 179            | 52,374         | 160            | 49,588         |                |
| Training:                           |         |        |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| Individual                          | FTIPs:  |        | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |
| Institutional                       |         |        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 13             | 1,071          | 12             | 563            | 0              | 0              | 0              | 0              |                |
| Total Training                      | 0       | 0      | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 273            | 14,093         | 267            | 14,743         | 0              | 0              | 0              | 0              |                |
| R & D Contracts (SBIR/STTR)         |         |        | 10             | 10,825         | 13             | 16,120         | 22             | 14,133         | 15             | 13,303         | 16             | 16,132         | 9              | 12,701         | 9              | 17,220         | 14             | 16,739         | 14             | 16,486         |                |
| Intramural Research                 |         |        | (3)            | (502)          | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            | (0)            |                |
| Res. Mgmt and Support (SBIR Admin.) |         |        |                | 177,400        |                | 203,247        |                | 220,360        |                | 229,290        |                | 232,771        |                | 230,831        |                | 237,646        |                | 242,024        |                | 250,263        |                |
| Cancer Control Construction         |         |        |                | 10,223         |                | 11,568         |                | 12,741         |                | 11,278         |                | 10,809         |                | 11,643         |                | 12,121         |                | 12,248         |                | 13,277         |                |
| B&F                                 |         |        |                | 0              |                | 0              |                | 0              |                | 0              |                | 0              |                | 0              |                | 0              |                | 0              |                | 0              |                |
| <b>NLM Total Obligations</b>        |         |        | <b>213,730</b> | <b>239,068</b> | <b>275,395</b> | <b>299,771</b> | <b>310,165</b> | <b>312,980</b> | <b>311,721</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

Note: Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007. Distribution for FY 2001-2006 are retrospective and are not reflected in NIH wide total.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

NLM

| Mechanism <sup>1</sup>              | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |                | FY 2019 |                |  |
|-------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|--|
|                                     | No.     | Amount         |  |
| Research Proj.:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Noncompeting                        | 55      | 19,494         | 55      | 18,354         | 58      | 19,793         | 57      | 18,044         | 54      | 16,758         | 57      | 18,739         | 52      | 19,794         | 55      | 20,877         | 54      | 20,476         | 62      | 22,539         |  |
| Admin. Supp.                        | (2)     | 2              | (0)     | 0              | (0)     | 336            | (0)     | 16             | (0)     | 344            | (0)     | 41             | (0)     | 155            | (2)     | 302            | (4)     | 1,041          | (1)     | 2              |  |
| Competing                           | 24      | 8,601          | 19      | 6,141          | 20      | 6,669          | 13      | 4,981          | 25      | 10,048         | 20      | 7,618          | 16      | 5,666          | 24      | 8,514          | 33      | 10,801         | 38      | 14,131         |  |
| Subtotal, RPGs                      | 79      | 28,097         | 74      | 24,495         | 78      | 26,798         | 70      | 23,041         | 79      | 27,150         | 77      | 26,398         | 68      | 25,615         | 79      | 29,693         | 87      | 32,319         | 100     | 36,671         |  |
| SBIR/STTR                           | 7       | 832            | 6       | 822            | 5       | 788            | 2       | 709            | 2       | 799            | 6       | 815            | 4       | 1,089          | 4       | 1,201          | 5       | 1,258          | 5       | 1,475          |  |
| Subtotal, RPGs                      | 86      | 28,929         | 80      | 25,317         | 83      | 27,566         | 72      | 23,750         | 81      | 27,949         | 83      | 27,212         | 72      | 26,704         | 83      | 30,894         | 92      | 33,577         | 105     | 38,146         |  |
| Research Centers:                   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Spec/Comp.                          | 0       | 0              | 0       | 1,128          | 1       | 2,473          | 1       | 3,068          | 0       | 50             | 0       | 0              | 0       | 549            | 0       | 403            | 0       | 32             | 0       | 34             |  |
| Clinical Research                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Biotechnology                       | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Comparative Med.                    | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| RCMI                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Subtotal, Centers                   | 0       | 0              | 0       | 1,128          | 1       | 2,473          | 1       | 3,068          | 0       | 50             | 0       | 0              | 0       | 549            | 0       | 403            | 0       | 32             | 0       | 34             |  |
| Other Research:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Research Careers                    | 4       | 393            | 6       | 633            | 8       | 852            | 8       | 932            | 12      | 1,777          | 15      | 1,847          | 12      | 1,707          | 8       | 1,281          | 14      | 2,365          | 12      | 1,799          |  |
| Cancer Ed.                          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Coop. Cl.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| BRS                                 | 5       | 3,098          | 4       | 2,024          | 2       | 1,286          | 2       | 1,205          | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| MBRS                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |  |
| Other                               | 70      | 17,155         | 51      | 14,979         | 40      | 11,907         | 38      | 12,054         | 35      | 12,441         | 36      | 13,159         | 38      | 25,739         | 45      | 23,851         | 38      | 26,118         | 44      | 24,773         |  |
| Subtotal, Other                     | 79      | 20,646         | 61      | 17,636         | 50      | 14,045         | 48      | 14,191         | 47      | 14,218         | 51      | 15,005         | 50      | 27,446         | 53      | 25,132         | 52      | 28,483         | 56      | 26,572         |  |
| Total, Res. Grants                  | 165     | 49,575         | 141     | 44,081         | 134     | 44,084         | 121     | 41,007         | 128     | 42,217         | 134     | 42,218         | 122     | 54,699         | 136     | 56,429         | 144     | 62,092         | 161     | 64,752         |  |
| Training:                           |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |  |
| Individual                          | FTIPs:  | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 41      | 5              | 200     | 5              | 218     | 8              | 342     |                |  |
| Institutional                       |         | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       |                |  |
| Total, Training                     |         | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 41      | 5              | 200     | 5              | 218     | 8              | 342     |                |  |
| R & D Contracts (SBIR/STTR)         | 15      | 17,089         | 10      | 18,421         | 10      | 18,314         | 10      | 17,666         | 10      | 18,194         | 10      | 15,323         | 8       | 2,184          | 0       | 0              | 0       | 0              | 0       | 18             |  |
|                                     | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (1)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (3)            | (0)     | (15)           |  |
| Intramural Research                 |         | 259,554        |         | 259,918        |         | 260,082        |         | 244,640        |         | 251,801        |         | 263,516        |         | 321,799        |         | 332,986        |         | 346,969        |         | 356,758        |  |
| Res. Mgmt and Support (SBIR Admin.) |         | 14,049         |         | 14,240         |         | 14,253         |         | 101            |         | 13,575         |         | 103            |         | 14,097         |         | 14,352         |         | 14,635         |         | 15,510         |  |
|                                     |         |                |         |                |         | (0)            |         | (0)            |         | (0)            |         | (22)           |         | (29)           |         | (13)           |         | (0)            |         | (0)            |  |
| Cancer Control                      |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         | (2)            |  |
| Construction                        |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         | 0              |  |
| B&F                                 |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         | 0              |  |
| <b>NLM Total Obligations</b>        |         | <b>340,267</b> |         | <b>336,660</b> |         | <b>336,733</b> |         | <b>316,888</b> |         | <b>326,183</b> |         | <b>335,153</b> |         | <b>393,074</b> |         | <b>404,250</b> |         | <b>424,789</b> |         | <b>441,645</b> |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

Note: Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007. Distribution for FY2001 through 2006 are retrospective and are not reflected in NIH wide total.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

NLM

| Mechanism <sup>1</sup>       | FY 2020 <sup>2</sup> |                | FY 2021 <sup>2</sup> |                | FY 2022 <sup>2</sup> |                | FY 2023 <sup>2</sup> |                | FY 2024 <sup>2</sup> |                |
|------------------------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|----------------------|----------------|
|                              | No.                  | Amount         |
| Research Proj.:              |                      |                |                      |                |                      |                |                      |                |                      |                |
| Noncompeting                 | 78                   | 29,717         | 79                   | 26,413         | 93                   | 31,977         | 97                   | 33,001         | 86                   | 30,852         |
| Admin. Supp.                 | (9)                  | 649            | (6)                  | 556            | (8)                  | 308            | (3)                  | 170            | (7)                  | 45             |
| Competing                    | 28                   | 9,695          | 36                   | 12,556         | 35                   | 11,276         | 25                   | 10,167         | 29                   | 11,684         |
| Subtotal, RPGs               | 106                  | 40,061         | 115                  | 39,525         | 128                  | 43,562         | 122                  | 43,338         | 115                  | 42,580         |
| SBIR/STTR                    | 4                    | 1,653          | 4                    | 1,580          | 3                    | 1,683          | 5                    | 2,287          | 5                    | 2,945          |
| Subtotal, RPGs               | 110                  | 41,713         | 119                  | 41,105         | 131                  | 45,245         | 127                  | 45,625         | 120                  | 45,525         |
| Research Centers:            |                      |                |                      |                |                      |                |                      |                |                      |                |
| SpecComp.                    | 0                    | 244            | 0                    | 32             | 0                    | 29             | 0                    | 89             | 0                    | 83             |
| Clinical Research            | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Biotechnology                | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Comparative Med.             | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| RCMI                         | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Subtotal, Centers            | 0                    | 244            | 0                    | 32             | 0                    | 29             | 0                    | 89             | 0                    | 83             |
| Other Research:              |                      |                |                      |                |                      |                |                      |                |                      |                |
| Research Careers             | 12                   | 1,646          | 6                    | 688            | 4                    | 250            | 4                    | 358            | 6                    | 534            |
| Cancer Ed.                   | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Coop. Cl.                    | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| BRS                          | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| MBRS                         | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Other                        | 40                   | 24,891         | 45                   | 25,476         | 54                   | 23,076         | 64                   | 24,832         | 72                   | 24,085         |
| Subtotal, Other              | 52                   | 26,537         | 51                   | 26,164         | 58                   | 23,325         | 68                   | 25,189         | 78                   | 24,619         |
| Total, Res. Grants           | 162                  | 68,494         | 170                  | 67,301         | 189                  | 68,600         | 195                  | 70,904         | 198                  | 70,227         |
| Training:                    |                      |                |                      |                |                      |                |                      |                |                      |                |
| Individual                   | 9                    | 367            | 9                    | 384            | 7                    | 265            | 7                    | 334            | 7                    | 338            |
| Institutional                | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Total, Training              | 9                    | 367            | 9                    | 384            | 7                    | 265            | 7                    | 334            | 7                    | 338            |
| R & D Contracts              | 0                    | 16             | 0                    | 277            | 0                    | 475            | 0                    | 348            | 0                    | 521            |
| (SBIR/STTR)                  | (0)                  | (16)           | (0)                  | (16)           | (0)                  | (18)           | (0)                  | (18)           | (0)                  | (30)           |
| Intramural Research          | 557                  | 367,252        | 572                  | 370,824        | 569                  | 387,920        | 551                  | 398,933        | 545                  | 399,931        |
| Res. Mgmt and Support        | 90                   | 20,454         | 87                   | 21,297         | 85                   | 19,833         | 91                   | 24,463         | 95                   | 24,077         |
| (SBIR Admin.)                | (0)                  | (0)            | (0)                  | (0)            | (0)                  | (0)            | (0)                  | (0)            | (0)                  | (0)            |
| Cancer Control               | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| Construction                 | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| B&F                          | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              | 0                    | 0              |
| <b>NLM Total Obligations</b> |                      | <b>456,584</b> |                      | <b>460,083</b> |                      | <b>477,093</b> |                      | <b>494,982</b> |                      | <b>495,093</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> FY 2020 thru FY 2024 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2024 from these multi-year accounts.

Note: Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007. Distribution for FY2001 through 2006 are retrospective and are not reflected in NIH wide total.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| Common Fund                          |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
|--------------------------------------|---------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
| Mechanism <sup>1</sup>               | FY 2000 |        | FY 2001  |          | FY 2002  |          | FY 2003  |          | FY 2004  |          | FY 2005  |                | FY 2006 |                | FY 2007 |                | FY 2008 |                | FY 2009 |                |
|                                      | No.     | Amount | No.      | Amount   | No.      | Amount   | No.      | Amount   | No.      | Amount   | No.      | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         | No.     | Amount         |
| Research Proj.:                      |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Noncompeting                         |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Admin. Supp.                         |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Competing                            |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Subtotal, RPGs                       | 0       | 0      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 52,474         | 144     | 63,648         | 309     | 174,678        | 306     | 182,976        | 382     | 265,182        |
| SBIR/STTR                            |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Subtotal, RPGs                       | 0       | 0      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Research Centers:                    |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Spec/Comp.                           |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Clinical Research                    |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Biotechnology                        |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Comparative Med.                     |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| RCMI                                 |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Subtotal, Centers                    | 0       | 0      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 85,085         | 124     | 145,160        | 112     | 179,256        | 76      | 166,309        | 65      | 143,337        |
| Other Research:                      |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Research Careers                     |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Cancer Ed.                           |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Coop. Cl.                            |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| BRS                                  |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| MBRS                                 |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Other                                |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Subtotal, Other                      | 0       | 0      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 34,212         | 60      | 44,440         | 63      | 48,315         | 82      | 83,557         | 67      | 75,646         |
| Total, Res. Grants                   | 0       | 0      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 171,771        | 328     | 253,248        | 484     | 402,249        | 464     | 432,842        | 514     | 484,165        |
| Training:                            |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Individual                           | FTIPs:  |        | FTIPs:   |          | FTIPs:   |          | FTIPs:   |          | FTIPs:   |          | FTIPs:   |                | FTIPs:  |                | FTIPs:  |                | FTIPs:  |                | FTIPs:  |                |
| Institutional                        |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Total, Training                      | 0       | 0      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0              | 416     | 17,521         | 442     | 18,112         | 491     | 19,816         | 405     | 14,046         |
| R & D Contracts (SBIR/STTR)          |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Intramural Research                  |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Res. Mgmt and Support (SBIR Admin.)  |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Cancer Control                       |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| Construction                         |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| B&F                                  |         |        |          |          |          |          |          |          |          |          |          |                |         |                |         |                |         |                |         |                |
| <b>Common Fund Total Obligations</b> |         |        | <b>0</b> | <b>175,731</b> |         | <b>293,341</b> |         | <b>482,961</b> |         | <b>498,240</b> |         | <b>541,133</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| Common Fund<br>Mechanism <sup>1</sup> | FY 2010 |                | FY 2011 |                | FY 2012 |                | FY 2013 |                | FY 2014 |                | FY 2015 |                | FY 2016 |                | FY 2017 |                | FY 2018 |                | FY 2019 |                |   |
|---------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---|
|                                       | No.     | Amount         |   |
| Research Proj.:                       |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |   |
| Noncompeting                          | 210     | 127,739        | 281     | 147,970        | 281     | 149,193        | 299     | 139,519        | 225     | 139,096        | 264     | 162,896        | 282     | 168,569        | 263     | 169,549        | 185     | 132,641        | 245     | 183,110        |   |
| Admin. Supp.                          | (35)    | 5,341          | (34)    | 5,192          | (58)    | 7,029          | (63)    | 13,977         | (86)    | 19,278         | (66)    | 11,549         | (86)    | 15,450         | (45)    | 25,038         | (32)    | 6,762          | (50)    | 13,107         |   |
| Competing                             | 198     | 152,299        | 176     | 141,013        | 194     | 156,288        | 132     | 149,160        | 156     | 164,109        | 155     | 151,807        | 154     | 176,016        | 122     | 150,506        | 135     | 168,007        | 145     | 159,892        |   |
| Subtotal, RPGs                        | 408     | 285,379        | 457     | 294,175        | 475     | 312,510        | 431     | 302,656        | 381     | 322,483        | 419     | 326,253        | 436     | 360,034        | 385     | 345,094        | 320     | 307,411        | 390     | 356,109        |   |
| SBIR/STTR                             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |   |
| Subtotal, RPGs                        | 408     | 285,379        | 457     | 294,175        | 475     | 312,510        | 431     | 302,656        | 381     | 322,483        | 419     | 326,253        | 436     | 360,034        | 385     | 345,094        | 320     | 307,411        | 390     | 356,109        |   |
| Research Centers:                     |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |   |
| Spec/Comp.                            | 36      | 119,059        | 46      | 125,655        | 36      | 113,201        | 56      | 79,374         | 31      | 51,892         | 35      | 78,163         | 24      | 38,343         | 28      | 38,053         | 29      | 33,128         | 33      | 38,885         |   |
| Clinical Research                     | 9       | 7,003          | 9       | 7,001          | 0       | 0              | 0       | 0              | 10      | 17,407         | 10      | 22,715         | 10      | 19,198         | 10      | 16,001         | 10      | 17,878         | 10      | 19,068         |   |
| Biotechnology                         | 20      | 7,231          | 13      | 4,736          | 14      | 7,787          | 1       | 2,964          | 1       | 3,389          | 3       | 5,773          | 4       | 3,308          | 2       | 4,022          | 1       | 577            | 1       | 772            |   |
| Comparative Med.                      | 0       | 0              | 3       | 6,249          | 3       | 6,249          | 3       | 6,062          | 3       | 8,005          | 3       | 9,237          | 0       | 0              | 0       | 0              | 2       | 729            | 4       | 5,721          |   |
| RCMI                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |   |
| Subtotal, Centers                     | 65      | 133,293        | 71      | 143,641        | 53      | 127,237        | 60      | 88,399         | 45      | 80,693         | 51      | 115,887        | 38      | 60,848         | 40      | 58,076         | 42      | 52,312         | 48      | 64,445         |   |
| Other Research:                       |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |   |
| Research Careers                      | 32      | 13,820         | 26      | 11,830         | 4       | 554            | 10      | 1,305          | 16      | 2,249          | 31      | 4,727          | 26      | 4,092          | 19      | 3,170          | 1       | 201            | 0       | 0              |   |
| Cancer Ed.                            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |   |
| Coop. Cl.                             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |   |
| BRS                                   | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |   |
| MBRS                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |   |
| Other                                 | 23      | 23,758         | 23      | 19,822         | 26      | 26,785         | 38      | 31,989         | 58      | 43,397         | 95      | 41,932         | 121     | 168,521        | 126     | 186,534        | 90      | 181,461        | 118     | 150,062        |   |
| Subtotal, Other                       | 55      | 37,578         | 49      | 31,652         | 30      | 27,339         | 48      | 33,294         | 74      | 45,646         | 126     | 46,659         | 147     | 172,613        | 145     | 189,703        | 91      | 181,662        | 118     | 150,062        |   |
| Total, Res. Grants                    | 528     | 456,250        | 577     | 469,468        | 558     | 467,086        | 539     | 424,349        | 500     | 448,822        | 596     | 488,799        | 621     | 593,496        | 570     | 592,873        | 453     | 541,384        | 556     | 570,616        |   |
| Training:                             |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |   |
| Individual                            | FTIPs:  | 0              | 0       | FTIPs:         | 0       | 0              | FTIPs:  | 0              | 0       | FTIPs:         | 0       | 0              | FTIPs:  | 0              | 0       | FTIPs:         | 0       | 0              | FTIPs:  | 0              | 0 |
| Institutional                         | 336     | 12,160         | 293     | 11,574         | 0       | 0              | 0       | 0              | 0       | 3,834          | 81      | 12,681         | 199     | 20,429         | 196     | 23,810         | 135     | 17,121         | 469     | 12,711         |   |
| Total, Training                       | 336     | 12,160         | 293     | 11,574         | 0       | 0              | 0       | 0              | 0       | 3,834          | 81      | 12,681         | 199     | 20,429         | 196     | 23,810         | 135     | 17,121         | 469     | 12,711         |   |
| R & D Contracts (SBIR/STTR)           | 0       | 29,396         | 0       | 22,681         | 0       | 37,178         | 0       | 45,784         | 0       | 43,728         | 0       | 11,387         | 0       | 21,074         | 0       | 27,446         | 0       | 3,394          | 0       | 1,183          |   |
|                                       | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |   |
| Intramural Research                   |         | 34,617         |         | 26,771         |         | 28,890         |         | 30,718         |         | 20,624         |         | 15,008         |         | 17,330         |         | 15,943         |         | 13,091         |         | 15,251         |   |
| Res. Mgmt and Support (SBIR Admin.)   |         | 11,605         |         | 12,523         |         | 11,730         |         | 12,609         |         | 14,138         |         | 17,732         |         | 23,300         |         | 35,359         |         | 25,716         |         | 19,404         |   |
| Cancer Control                        |         |                |         |                |         |                |         | (0)            |         | (0)            |         | (0)            |         | (0)            |         | (0)            |         | (0)            |         | (0)            |   |
| Construction                          |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |   |
| B&F                                   |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |         |                |   |
| <b>Common Fund Total Obligations</b>  |         | <b>544,028</b> |         | <b>543,017</b> |         | <b>544,884</b> |         | <b>513,461</b> |         | <b>531,146</b> |         | <b>545,607</b> |         | <b>675,628</b> |         | <b>695,430</b> |         | <b>600,707</b> |         | <b>619,166</b> |   |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

Common Fund

| Mechanism <sup>1</sup>               | FY 2020 |                | FY 2021 |                | FY 2022 |                | FY 2023 |                | FY 2024 |                |
|--------------------------------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
|                                      | No.     | Amount         |
| Research Proj.:                      |         |                |         |                |         |                |         |                |         |                |
| Noncompeting                         | 258     | 197,806        | 272     | 215,492        | 246     | 194,172        | 209     | 155,874        | 276     | 256,595        |
| Admin. Supp.                         | (34)    | 5,265          | (25)    | 3,863          | (36)    | 20,214         | (39)    | 8,004          | (14)    | 1,900          |
| Competing                            | 137     | 146,739        | 140     | 126,243        | 121     | 106,463        | 166     | 163,230        | 85      | 89,763         |
| Subtotal, RPGs                       | 395     | 349,810        | 412     | 345,598        | 367     | 320,849        | 375     | 327,108        | 361     | 348,258        |
| SBIR/STTR                            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Subtotal, RPGs                       | 395     | 349,810        | 412     | 345,598        | 367     | 320,849        | 375     | 327,108        | 361     | 348,258        |
| Research Centers:                    |         |                |         |                |         |                |         |                |         |                |
| Spec/Comp.                           | 26      | 28,435         | 48      | 57,035         | 58      | 112,190        | 59      | 131,825        | 56      | 143,130        |
| Clinical Research                    | 10      | 18,343         | 10      | 16,244         | 10      | 13,789         | 10      | 12,540         | 0       | 0              |
| Biotechnology                        | 0       | 0              | 0       | 0              | 2       | 8,429          | 2       | 9,094          | 2       | 12,567         |
| Comparative Med.                     | 4       | 4,320          | 4       | 7,271          | 4       | 9,218          | 2       | 4,422          | 0       | 0              |
| RCMI                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Subtotal, Centers                    | 40      | 51,097         | 62      | 80,550         | 74      | 143,626        | 73      | 157,882        | 58      | 155,698        |
| Other Research:                      |         |                |         |                |         |                |         |                |         |                |
| Research Careers                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 100            | 0       | 0              |
| Cancer Ed.                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Coop. Cl.                            | 0       | 0              | 0       | 0              | 6       | 5,581          | 6       | 14,455         | 6       | 17,372         |
| BRS                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| MBRS                                 | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Other                                | 114     | 195,084        | 117     | 184,290        | 86      | 146,756        | 108     | 189,877        | 93      | 117,774        |
| Subtotal, Other                      | 114     | 195,084        | 117     | 184,290        | 92      | 152,337        | 114     | 204,432        | 99      | 135,146        |
| Total, Res. Grants                   | 549     | 595,991        | 591     | 610,438        | 533     | 616,813        | 562     | 689,422        | 518     | 639,102        |
| Training:                            |         |                |         |                |         |                |         |                |         |                |
| Individual                           | FTIPs   | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Institutional                        |         | 430            | 10,268  | 380            | 8,048   | 304            | 7,326   | 156            | 4,329   | 0              |
| Total, Training                      |         | 430            | 10,268  | 380            | 8,048   | 304            | 7,326   | 156            | 4,329   | 0              |
| R & D Contracts (SBIR/STTR)          | 0       | 577            | 0       | 258            | 2       | 8,304          | 3       | 8,168          | 5       | 15,394         |
|                                      | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |
| Intramural Research                  | 0       | 13,703         | 0       | 7,927          | 0       | 8,003          | 0       | 690            | 0       | 371            |
| Res. Mgmt and Support (SBIR Admin.)  | 0       | 18,572         | 0       | 21,868         | 0       | 29,555         | 0       | 32,392         | 0       | 30,135         |
| Cancer Control                       | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |
| Construction                         | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| B&F                                  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| <b>Common Fund Total Obligations</b> |         | <b>639,111</b> |         | <b>648,538</b> |         | <b>670,001</b> |         | <b>735,001</b> |         | <b>685,001</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| Mechanism <sup>1</sup>   | FY 2000 |        | FY 2001 |        | FY 2002 |        | FY 2003 |        | FY 2004 |        | FY 2005 |        | FY 2006 |        | FY 2007 |        | FY 2008 |        | FY 2009 |        |   |
|--|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---|
|  | No.     | Amount |   |
| Research Proj.:<br>Noncompeting<br>Admin. Supp.<br>Competing   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 271     | 89,656 | 271     | 89,656 |   |
| SBIR/STTR  |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 271     | 89,656 | 271     | 89,656 |   |
| <b>Research Centers:</b><br>Spec/Comp.<br>Clinical Research<br>Biotechnology<br>Comparative Med.<br>RCMI                                     |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |   |
| Subtotal, Centers  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0 |
| <b>Other Research:</b><br>Research Careers<br>Cancer Ed.<br>Coop. Cl.<br>BRS<br>MBRS<br>Other  |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |   |
| Subtotal, Other  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0 |
| Total, Res. Grants   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 271     | 89,656 | 271     | 89,656 |   |
| <b>Training:</b><br>Individual<br>Institutional  | FTIPs:  |        |   |
| Total, Training  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0 |
| R & D Contracts<br>(SBIR/STTR)<br><br>Intramural Research<br>Res. Mgmt and Support<br>(SBIR Admin.)<br>Cancer Control<br>Construction<br>B&F |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |   |
| <b>Bridge Awards Total Obligations</b>   |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 89,656 |         | 89,656 |   |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| Mechanism <sup>1</sup>   | FY 2010 |        | FY 2011 |        | FY 2012 |        | FY 2013 |        | FY 2014 |        | FY 2015 |        | FY 2016 |        | FY 2017 |        | FY 2018 |        | FY 2019 |        |        |   |
|--|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|---|
|  | No.     | Amount |        |   |
| Research Proj.:<br>Noncompeting<br>Admin. Supp.<br>Competing   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| SBIR/STTR  |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Research Centers:</b><br>Spec/Comp.<br>Clinical Research<br>Biotechnology<br>Comparative Med.<br>RCMI |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, Centers  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Other Research:</b><br>Research Careers<br>Cancer Ed.<br>Coop. Cl.<br>BRS<br>MBRS<br>Other            |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, Other  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| Total, Res. Grants   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Training:</b><br>Individual<br>Institutional  | FTIPs:  |        | FTIPs: |   |
| Total, Training  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| R & D Contracts<br>(SBIR/STTR)   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Intramural Research<br>Res. Mgmt and Support<br>(SBIR Admin.)<br>Cancer Control<br>Construction<br>B&F   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| <b>Bridge Awards Total Obligations</b>   |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |        | 0 |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
 Mechanism Detail  
 Actual Obligations, FY 2020 - FY 2024  
 (Dollars in Thousands)

Bridge Awards

| Mechanism <sup>1</sup>   | FY 2020 |          | FY 2021 |          | FY 2022 |          | FY 2023 |          | FY 2024 |          |
|--|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
|  | No.     | Amount   |
| Research Proj.:<br>Noncompeting<br>Admin. Supp.<br>Competing   |         |          |         |          |         |          |         |          |         |          |
| Subtotal, RPGs   | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        |
| SBIR/STTR  |         |          |         |          |         |          |         |          |         |          |
| Subtotal, RPGs   | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        |
| Research Centers:<br>Spec/Comp.<br>Clinical Research<br>Biotechnology<br>Comparative Med.<br>RCMI  |         |          |         |          |         |          |         |          |         |          |
| Subtotal, Centers  | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        |
| Other Research:<br>Research Careers<br>Cancer Ed.<br>Coop. Cl.<br>BRS<br>MBRS<br>Other   |         |          |         |          |         |          |         |          |         |          |
| Subtotal, Other  | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        |
| Total, Res. Grants   | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        |
| Training:<br>Individual<br>Institutional   | FTIPs:  |          |
| Total, Training  | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        | 0       | 0        |
| R & D Contracts<br>(SBIR/STTR)<br><br>Intramural Research<br>Res. Mgmt and Support<br>(SBIR Admin.)<br>Cancer Control<br>Construction<br>B&F |         |          |         |          |         |          |         |          |         |          |
| <b>Bridge Awards Total Obligations</b>   |         | <b>0</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
 Mechanism Detail  
 Actual Obligations, FY 2000 - FY 2009  
 (Dollars in Thousands)

| ORIP & SEPA<br>Mechanism <sup>1</sup>  | FY 2000 |        | FY 2001 |        | FY 2002 |        | FY 2003 |        | FY 2004 |        | FY 2005 |        | FY 2006 |        | FY 2007 |        | FY 2008 |        | FY 2009 |        |        |   |
|--|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|---|
|  | No.     | Amount |        |   |
| Research Proj.:<br>Noncompeting<br>Admin. Supp.<br>Competing   |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| SBIR/STTR  |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, RPGs   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Research Centers:</b><br>Spec/Comp.<br>Clinical Research<br>Biotechnology<br>Comparative Med.<br>RCMI                                     |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, Centers  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Other Research:</b><br>Research Careers<br>Cancer Ed.<br>Coop. Cl.<br>BRS<br>MBRS<br>Other  |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| Subtotal, Other  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| Total, Res. Grants   | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| <b>Training:</b><br>Individual<br>Institutional  | FTIPs:  |        | FTIPs: |   |
| Total, Training  | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0       | 0      | 0      |   |
| R & D Contracts<br>(SBIR/STTR)<br><br>Intramural Research<br>Res. Mgmt and Support<br>(SBIR Admin.)<br>Cancer Control<br>Construction<br>B&F |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |        |   |
| <b>ORIP &amp; SEPA Total Obligations</b>   |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |         | 0      |        | 0 |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)

| Mechanism <sup>1</sup>                   | FY 2010  |          | FY 2011  |          | FY 2012  |                | FY 2013        |                | FY 2014        |                | FY 2015        |                | FY 2016        |                | FY 2017        |                | FY 2018        |                | FY 2019        |                |        |
|--|----------|----------|----------|----------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------|
|  | No.      | Amount   | No.      | Amount   | No.      | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         | No.            | Amount         |        |
| Research Proj.:                          |          |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |        |
| Noncompeting                             |          |          |          |          | 30       | 11,680         | 22             | 8,016          | 23             | 8,979          | 30             | 8,883          | 24             | 8,279          | 22             | 9,216          | 30             | 10,228         | 23             | 9,523          |        |
| Admin. Supp.                             |          |          |          |          | (0)      | 0              | (0)            | 0              | (3)            | 446            | (1)            | 62             | (0)            | 0              | (2)            | 741            | (0)            | 123            | (0)            | 419            |        |
| Competing                                |          |          |          |          | 11       | 2,947          | 11             | 3,288          | 19             | 4,437          | 16             | 5,117          | 13             | 4,795          | 16             | 4,217          | 13             | 3,417          | 26             | 6,301          |        |
| Subtotal, RPGs                           | 0        | 0        | 0        | 0        | 41       | 14,627         | 33             | 11,304         | 42             | 13,862         | 46             | 14,062         | 37             | 13,074         | 38             | 14,174         | 43             | 13,768         | 49             | 16,243         |        |
| SBIR/STTR                                |          |          |          |          | 20       | 6,870          | 12             | 6,521          | 8              | 6,950          | 20             | 7,028          | 22             | 7,615          | 23             | 7,372          | 19             | 7,324          | 16             | 7,766          |        |
| Subtotal, RPGs                           | 0        | 0        | 0        | 0        | 61       | 21,497         | 45             | 17,825         | 50             | 20,812         | 66             | 21,090         | 59             | 20,690         | 61             | 21,546         | 62             | 21,092         | 65             | 24,009         |        |
| <b>Research Centers:</b>                 |          |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |        |
| Spec/Comp.                               |          |          |          |          | 0        | 0              | 0              | 0              | 0              | 248            | 3              | 6,395          | 3              | 6,381          | 3              | 6,109          | 4              | 6,008          | 3              | 6,045          |        |
| Clinical Research                        |          |          |          |          | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |        |
| Biotechnology                            |          |          |          |          | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |        |
| Comparative Med.                         |          |          |          |          | 46       | 124,350        | 48             | 118,993        | 47             | 112,610        | 47             | 111,755        | 45             | 112,656        | 46             | 114,166        | 63             | 123,190        | 45             | 121,526        |        |
| RCMI                                     |          |          |          |          | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |        |
| Subtotal, Centers                        | 0        | 0        | 0        | 0        | 46       | 124,350        | 48             | 118,993        | 47             | 112,858        | 50             | 118,150        | 48             | 119,037        | 49             | 120,276        | 67             | 129,198        | 48             | 127,571        |        |
| <b>Other Research:</b>                   |          |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |        |
| Research Careers                         |          |          |          |          | 27       | 3,248          | 29             | 3,310          | 26             | 3,064          | 26             | 3,118          | 25             | 3,099          | 30             | 5,107          | 31             | 5,137          | 31             | 5,171          |        |
| Cancer Ed.                               |          |          |          |          | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |        |
| Coop. Cl.                                |          |          |          |          | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |        |
| BRS                                      |          |          |          |          | 113      | 66,631         | 120            | 68,009         | 111            | 67,391         | 110            | 66,863         | 107            | 67,235         | 109            | 69,962         | 118            | 77,609         | 131            | 74,838         |        |
| MBRS                                     |          |          |          |          | 0        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |        |
| Other                                    |          |          |          |          | 145      | 57,262         | 137            | 53,723         | 144            | 56,561         | 143            | 55,321         | 141            | 55,578         | 59             | 33,094         | 59             | 28,307         | 47             | 28,917         |        |
| Subtotal, Other                          | 0        | 0        | 0        | 0        | 285      | 127,141        | 286            | 125,042        | 281            | 127,016        | 279            | 125,302        | 273            | 125,911        | 198            | 108,163        | 208            | 111,053        | 209            | 108,926        |        |
| Total, Res. Grants                       | 0        | 0        | 0        | 0        | 392      | 272,988        | 379            | 261,860        | 378            | 260,686        | 395            | 264,543        | 380            | 265,638        | 308            | 249,985        | 337            | 261,342        | 322            | 260,505        |        |
| <b>Training:</b>                         |          |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |        |
| Individual                               | FTIPs:   |          | FTIPs:   |          | FTIPs:   |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs:         |                | FTIPs: |
| Institutional                            |          |          |          |          | 134      | 7,062          | 133            | 6,258          | 130            | 6,383          | 129            | 6,480          | 127            | 7,513          | 128            | 7,272          | 35             | 7,076          | 35             | 6,510          |        |
| Total, Training                          | 0        | 0        | 0        | 0        | 134      | 7,062          | 133            | 6,258          | 130            | 6,383          | 130            | 6,514          | 131            | 7,659          | 134            | 7,538          | 42             | 7,367          | 42             | 6,794          |        |
| R & D Contracts (SBIR/STTR)              |          |          |          |          | 0        | 14,580         | 2              | 12,577         | 3              | 17,159         | 3              | 13,171         | 0              | 13,221         | 5              | 13,606         | 5              | 12,511         | 5              | 12,788         |        |
| Intramural Research                      |          |          |          |          | (0)      | (15)           | (1)            | (5)            | (0)            | (16)           | (0)            | (18)           | (0)            | (16)           | (0)            | (15)           | (0)            | (15)           | (0)            | (15)           |        |
| Res. Mgmt and Support (SBIR Admin.)      |          |          |          |          |          | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              |        |
| Cancer Control                           |          |          |          |          |          | 9,429          | 26             | 9,348          | 24             | 10,258         | 23             | 10,433         | 25             | 9,265          | 23             | 8,001          | 21             | 7,985          | 22             | 8,009          |        |
| Construction                             |          |          |          |          |          |                | (2)            | (162)          | (0)            | (86)           | (0)            | (191)          | (0)            | (58)           | (0)            | (66)           | (0)            | (0)            | (0)            | (0)            |        |
| B&F                                      |          |          |          |          |          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |        |
| <b>ORIP &amp; SEPA Total Obligations</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>304,039</b> | <b>290,042</b> | <b>294,486</b> | <b>294,486</b> | <b>294,486</b> | <b>294,486</b> | <b>294,662</b> | <b>295,783</b> | <b>279,130</b> | <b>289,205</b> | <b>289,205</b> | <b>289,205</b> | <b>288,096</b> | <b>288,096</b> | <b>288,096</b> |        |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)

ORIP & SEPA

| Mechanism <sup>1</sup>                   | FY 2020 |                | FY 2021 |                | FY 2022 |                | FY 2023 |                | FY 2024 |                |
|--|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
|  | No.     | Amount         |
| Research Proj.:                          |         |                |         |                |         |                |         |                |         |                |
| Noncompeting                             | 35      | 11,506         | 22      | 7,254          | 21      | 7,507          | 23      | 7,703          | 26      | 8,523          |
| Admin. Supp.                             | (0)     | 352            | (2)     | 744            | (2)     | 853            | (1)     | 29             | (1)     | 70             |
| Competing                                | 16      | 4,063          | 15      | 4,631          | 16      | 4,224          | 18      | 4,736          | 16      | 4,315          |
| Subtotal, RPGs                           | 51      | 15,921         | 37      | 12,629         | 37      | 12,584         | 41      | 12,468         | 42      | 12,908         |
| SBIR/STTR                                | 12      | 7,784          | 12      | 7,988          | 13      | 8,871          | 13      | 8,141          | 10      | 8,025          |
| Subtotal, RPGs                           | 63      | 23,705         | 49      | 20,617         | 50      | 21,456         | 54      | 20,609         | 52      | 20,934         |
| <b>Research Centers:</b>                 |         |                |         |                |         |                |         |                |         |                |
| Spec/Comp.                               | 3       | 5,994          | 3       | 5,992          | 3       | 6,075          | 3       | 6,847          | 3       | 6,044          |
| Clinical Research                        | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Biotechnology                            | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Comparative Med.                         | 43      | 126,249        | 43      | 127,622        | 42      | 126,491        | 46      | 125,254        | 45      | 123,179        |
| RCMI                                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Subtotal, Centers                        | 46      | 132,243        | 46      | 133,614        | 45      | 132,566        | 49      | 132,102        | 48      | 129,223        |
| <b>Other Research:</b>                   |         |                |         |                |         |                |         |                |         |                |
| Research Careers                         | 25      | 4,088          | 24      | 3,501          | 28      | 3,947          | 28      | 4,065          | 20      | 2,789          |
| Cancer Ed.                               | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Coop. Cl.                                | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| BRS                                      | 123     | 78,745         | 128     | 87,153         | 155     | 83,112         | 121     | 82,587         | 127     | 88,165         |
| MBRS                                     | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Other                                    | 41      | 25,943         | 32      | 24,269         | 58      | 32,095         | 67      | 35,602         | 68      | 33,281         |
| Subtotal, Other                          | 189     | 108,777        | 184     | 114,923        | 241     | 119,154        | 216     | 122,254        | 215     | 124,234        |
|  | 0       | 0              |         |                |         |                |         |                |         |                |
| Total, Res. Grants                       | 298     | 264,725        | 279     | 269,154        | 336     | 273,176        | 319     | 274,964        | 315     | 274,391        |
| <b>Training:</b>                         |         |                |         |                |         |                |         |                |         |                |
| Individual                               | FTIPs   |                | ETIPs   |                | ETIPs   |                | ETIPs   |                | ETIPs   |                |
| Institutional                            | 7       | 301            | 6       | 233            | 4       | 162            | 6       | 280            | 5       | 261            |
|  | 34      | 6,654          | 28      | 6,471          | 32      | 5,578          | 30      | 6,331          | 118     | 5,238          |
| Total, Training                          | 41      | 6,955          | 34      | 6,704          | 36      | 5,740          | 36      | 6,610          | 123     | 5,499          |
|  | 0       | 0              |         |                |         |                |         |                |         |                |
| R & D Contracts (SBIR/STTR)              | 6       | 13,353         | 6       | 14,634         | 6       | 16,521         | 6       | 16,965         | 6       | 19,425         |
|  | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |
|  | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Intramural Research                      | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Res. Mgmt and Support (SBIR Admin.)      | 20      | 8,937          | 22      | 9,392          | 19      | 9,048          | 16      | 10,853         | 17      | 9,180          |
|  | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            | (0)     | (0)            |
| Cancer Control                           | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| Construction                             | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| B&F                                      | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              | 0       | 0              |
| <b>ORIP &amp; SEPA Total Obligations</b> |         | <b>293,970</b> |         | <b>299,884</b> |         | <b>304,485</b> |         | <b>309,393</b> |         | <b>308,495</b> |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2000 - FY 2009  
(Dollars in Thousands)

| Mechanism <sup>1</sup>              | FY 2000       |                   | FY 2001       |                   | FY 2002       |                   | FY 2003       |                   | FY 2004       |                   | FY 2005       |                   | FY 2006       |                   | FY 2007       |                   | FY 2008       |                   | FY 2009       |                   |  |  |
|-------------------------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|--|--|
|                                     | No.           | Amount            |  |  |
| Research Project:                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |  |
| Noncompeting                        | 21,779        | 6,715,229         | 23,322        | 7,941,110         | 24,921        | 9,135,019         | 25,776        | 10,028,605        | 27,064        | 10,784,249        | 27,353        | 10,996,135        | 27,375        | 11,094,090        | 26,690        | 10,998,171        | 26,658        | 11,231,338        | 26,276        | 11,407,157        |  |  |
| Admin. Supp.                        | (1,860)       | 128,829           | (2,002)       | 204,447           | (2,142)       | 223,667           | (2,041)       | 200,503           | (2,024)       | 255,251           | (1,856)       | 473,800           | (1,689)       | 285,680           | (1,628)       | 212,448           | (1,600)       | 187,416           | (1,861)       | 222,571           |  |  |
| Compelling                          | 8,765         | 2,911,946         | 9,101         | 3,031,712         | 9,396         | 3,183,082         | 10,411        | 3,517,112         | 10,025        | 3,562,016         | 9,481         | 3,433,313         | 9,150         | 3,378,512         | 10,089        | 3,714,402         | 9,737         | 3,681,921         | 9,151         | 3,893,230         |  |  |
| Subtotal, RPGs                      | 30,544        | 9,756,004         | 32,423        | 11,177,269        | 34,317        | 12,541,768        | 36,187        | 13,746,220        | 37,089        | 14,601,516        | 36,834        | 14,902,248        | 36,525        | 14,758,282        | 36,769        | 14,925,021        | 36,395        | 15,100,675        | 35,427        | 15,522,958        |  |  |
| SBIR/STTR                           | 1,640         | 362,245           | 1,699         | 418,044           | 1,889         | 496,683           | 2,029         | 540,838           | 2,190         | 611,784           | 1,934         | 625,183           | 1,835         | 619,029           | 1,792         | 630,877           | 1,849         | 634,873           | 1,750         | 648,778           |  |  |
| Subtotal, RPGs                      | 32,184        | 10,118,249        | 34,122        | 11,595,313        | 36,206        | 13,038,451        | 38,216        | 14,287,058        | 39,279        | 15,213,300        | 38,768        | 15,527,431        | 38,360        | 15,377,311        | 38,561        | 15,555,898        | 38,244        | 15,735,548        | 37,177        | 16,171,736        |  |  |
| <b>Research Centers:</b>            |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |  |
| Spec/Comp.                          | 738           | 1,136,660         | 826           | 1,373,173         | 901           | 1,585,054         | 1,010         | 1,835,303         | 1,073         | 1,947,020         | 1,073         | 2,126,485         | 1,190         | 2,144,230         | 1,166         | 2,192,634         | 1,153         | 2,203,290         | 1,157         | 2,256,653         |  |  |
| Clinical Research                   | 80            | 203,184           | 95            | 230,268           | 96            | 258,021           | 106           | 285,189           | 108           | 287,675           | 103           | 297,649           | 93            | 348,476           | 88            | 380,981           | 91            | 425,927           | 76            | 426,138           |  |  |
| Biotechnology                       | 72            | 85,442            | 72            | 109,509           | 48            | 134,553           | 78            | 142,898           | 89            | 139,909           | 89            | 134,138           | 103           | 134,862           | 109           | 137,148           | 109           | 137,888           | 103           | 144,286           |  |  |
| Comparative Med.                    | 43            | 80,663            | 48            | 93,907            | 48            | 93,907            | 53            | 109,197           | 55            | 115,830           | 51            | 119,372           | 51            | 123,032           | 54            | 124,146           | 50            | 126,308           | 47            | 134,160           |  |  |
| RCMI                                | 18            | 41,203            | 18            | 44,668            | 19            | 52,186            | 18            | 55,591            | 18            | 55,538            | 17            | 54,796            | 28            | 54,213            | 22            | 53,606            | 22            | 52,933            | 23            | 57,473            |  |  |
| Subtotal, Centers                   | 951           | 1,547,152         | 1,059         | 1,859,599         | 1,112         | 2,123,723         | 1,265         | 2,428,178         | 1,343         | 2,545,972         | 1,333         | 2,732,440         | 1,465         | 2,804,813         | 1,445         | 2,888,515         | 1,425         | 2,946,346         | 1,406         | 3,018,710         |  |  |
| <b>Other Research:</b>              |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |  |
| Research Careers                    | 2,898         | 333,586           | 3,234         | 394,558           | 3,666         | 459,381           | 4,058         | 535,605           | 4,289         | 586,145           | 4,211         | 632,657           | 4,197         | 644,680           | 4,299         | 662,776           | 4,302         | 681,568           | 4,166         | 670,967           |  |  |
| Cancer Ed.                          | 83            | 16,821            | 91            | 21,740            | 96            | 26,775            | 102           | 30,041            | 101           | 32,214            | 101           | 34,581            | 99            | 34,561            | 89            | 31,337            | 82            | 30,089            | 83            | 31,945            |  |  |
| Coop. Cl.                           | 401           | 293,673           | 408           | 323,655           | 441           | 360,040           | 387           | 378,653           | 338           | 357,123           | 327           | 335,118           | 353           | 344,503           | 363           | 335,103           | 377           | 410,194           | 339           | 406,182           |  |  |
| BRS                                 | 167           | 44,994            | 157           | 66,962            | 184           | 128,847           | 177           | 120,303           | 177           | 116,196           | 167           | 105,613           | 140           | 65,518            | 188           | 98,312            | 106           | 66,303            | 122           | 66,494            |  |  |
| MBRS                                | 135           | 87,826            | 158           | 101,409           | 164           | 110,881           | 168           | 117,203           | 166           | 117,479           | 155           | 116,278           | 155           | 115,032           | 165           | 111,310           | 165           | 107,302           | 338           | 106,337           |  |  |
| Other                               | 953           | 236,599           | 1,076         | 332,571           | 1,378         | 388,019           | 1,505         | 434,782           | 1,640         | 468,807           | 1,701         | 492,176           | 1,703         | 491,120           | 1,762         | 488,026           | 1,678         | 510,066           | 1,662         | 519,375           |  |  |
| Subtotal, Other                     | 4,637         | 1,013,499         | 5,124         | 1,240,895         | 5,929         | 1,473,943         | 6,397         | 1,616,587         | 6,711         | 1,677,964         | 6,662         | 1,716,423         | 6,647         | 1,695,414         | 6,866         | 1,726,864         | 6,810         | 1,805,522         | 6,710         | 1,801,300         |  |  |
| <b>Total, Res. Grants</b>           | <b>37,772</b> | <b>12,678,900</b> | <b>40,305</b> | <b>14,695,807</b> | <b>43,247</b> | <b>16,636,117</b> | <b>45,878</b> | <b>18,331,823</b> | <b>47,333</b> | <b>19,437,236</b> | <b>46,763</b> | <b>19,976,294</b> | <b>46,472</b> | <b>19,877,538</b> | <b>46,872</b> | <b>20,171,277</b> | <b>46,479</b> | <b>20,487,416</b> | <b>45,293</b> | <b>20,991,746</b> |  |  |
| <b>Training:</b>                    |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |  |
| Individual                          | 2,604         | 86,134            | 2,724         | 95,357            | 2,684         | 102,041           | 2,773         | 108,444           | 2,816         | 112,704           | 2,923         | 119,213           | 2,976         | 122,758           | 2,982         | 121,215           | 3,040         | 123,081           | 3,010         | 121,653           |  |  |
| Institutional                       | 13,226        | 453,376           | 13,762        | 494,267           | 14,159        | 548,845           | 14,540        | 602,997           | 14,779        | 627,802           | 14,449        | 624,648           | 14,349        | 625,884           | 14,614        | 660,694           | 14,278        | 647,399           | 14,280        | 654,540           |  |  |
| Total, Training                     | 15,830        | 539,510           | 16,486        | 589,624           | 16,843        | 650,886           | 17,313        | 711,441           | 17,595        | 740,506           | 17,372        | 743,861           | 17,325        | 748,642           | 17,596        | 781,909           | 17,318        | 770,480           | 17,290        | 776,193           |  |  |
| R & D Contracts (SBIR/STTR)         | 1,219         | 1,147,672         | 1,307         | 1,388,011         | 1,990         | 1,643,362         | 2,348         | 2,300,590         | 2,876         | 2,693,347         | 2,815         | 2,518,111         | 3,423         | 2,604,968         | 2,752         | 2,714,122         | 2,790         | 2,936,314         | 2,514         | 3,070,868         |  |  |
| Intramural Research                 |               | 1,746,220         |               | 1,952,318         |               | 2,225,292         |               | 2,564,664         |               | 2,658,853         |               | 2,737,865         |               | 2,745,676         |               | 3,035,833         |               | 3,222,852         |               |                   |  |  |
| Res. Mgmt and Support (SBIR Admin.) |               | 600,203           |               | 692,508           |               | 788,950           |               | 920,871           |               | 980,656           |               | 1,017,972         |               | 1,099,163         |               | 1,157,602         |               | 1,375,559         |               |                   |  |  |
| Cancer Control Construction         |               | 389,425           |               | 459,482           |               | 501,208           |               | 533,173           |               | 529,980           |               | 531,634           |               | 505,705           |               | 498,396           |               | 414,100           |               |                   |  |  |
| NIH Total Obligations <sup>2</sup>  |               | 17,178,111        |               | 19,855,750        |               | 22,563,215        |               | 25,868,344        |               | 27,159,086        |               | 27,708,047        |               | 27,611,392        |               | 28,373,239        |               | 28,661,009        |               | 29,493,316        |  |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> Grant number and dollar amounts for Interior appropriation's Superfund Research account are distributed by mechanism through FY 2012 and identified as a lump sum in FY 2013 and beyond. As a result, totals in this table will be non-comparable between FY 2000 to FY 2012 vs. FY 2013 and beyond.

Note 1: NIH total on this table does not include B&F or OD-Other. OD ORIP & SEPA is included beginning FY 2012.

Note 2: Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007. Prior to FY 2007, NLM obligations are excluded from this table.

**National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2010 - FY 2019  
(Dollars in Thousands)**

| Mechanism <sup>1</sup>                   | FY 2010           |                   | FY 2011           |                   | FY 2012           |                   | FY 2013           |                   | FY 2014           |                   | FY 2015       |                   | FY 2016       |                   | FY 2017       |                   | FY 2018       |                   | FY 2019       |                   |  |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|--|
|  | No.               | Amount            | No.           | Amount            | No.           | Amount            | No.           | Amount            | No.           | Amount            | No.           | Amount            |  |
| Research Project:                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |
| Noncompeting                             | 25,787            | 11,773,351        | 26,180            | 11,893,218        | 25,649            | 11,946,124        | 25,140            | 11,119,348        | 23,504            | 10,785,363        | 23,261        | 11,219,523        | 23,528        | 11,725,271        | 24,638        | 12,661,301        | 25,725        | 13,671,063        | 27,585        | 14,512,055        |  |
| Admin. Supp.                             | (1,542)           | 188,880           | (1,265)           | 201,839           | (1,548)           | 191,966           | (1,315)           | 248,372           | (1,588)           | 208,243           | (1,595)       | 193,500           | (1,832)       | 280,611           | (1,508)       | 225,445           | (2,706)       | 477,036           | (2,131)       | 447,131           |  |
| Competing                                | 9,408             | 3,933,434         | 8,714             | 3,732,274         | 8,988             | 3,790,508         | 8,234             | 3,439,230         | 9,168             | 4,479,158         | 9,540         | 4,310,311         | 10,364        | 5,023,248         | 10,123        | 5,283,711         | 11,071        | 5,612,491         | 11,035        | 6,481,697         |  |
| Subtotal, RPGs                           | 35,195            | 15,895,645        | 34,894            | 15,827,331        | 34,637            | 15,928,598        | 33,374            | 14,806,950        | 32,672            | 15,472,764        | 32,801        | 15,723,334        | 33,892        | 17,029,130        | 34,761        | 18,170,456        | 36,796        | 19,760,589        | 38,620        | 21,440,883        |  |
| SBIR/STTR                                | 1,694             | 653,158           | 1,506             | 648,379           | 1,654             | 670,532           | 1,466             | 638,515           | 1,660             | 695,480           | 1,578         | 717,948           | 1,688         | 810,561           | 1,807         | 923,139           | 2,024         | 996,305           | 2,023         | 1,052,430         |  |
| Subtotal, RPGs                           | 36,889            | 16,548,803        | 36,400            | 16,475,710        | 36,291            | 16,599,130        | 34,840            | 15,445,465        | 34,332            | 16,168,244        | 34,379        | 16,441,283        | 35,580        | 17,839,691        | 36,568        | 19,093,596        | 38,820        | 20,756,894        | 40,643        | 22,493,313        |  |
| <b>Research Centers:</b>                 |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |
| Spec/Comp.                               | 1,196             | 2,300,702         | 1,227             | 2,225,931         | 1,216             | 2,281,513         | 1,177             | 1,994,720         | 1,117             | 1,958,065         | 1,093         | 1,879,582         | 1,053         | 1,810,686         | 1,004         | 1,766,720         | 1,003         | 1,814,219         | 994           | 1,916,773         |  |
| Clinical Research                        | 79                | 435,787           | 73                | 438,543           | 65                | 398,455           | 58                | 370,187           | 60                | 413,671           | 68            | 424,704           | 67            | 406,678           | 67            | 402,112           | 68            | 416,209           | 70            | 420,992           |  |
| Biotechnology                            | 109               | 152,412           | 95                | 147,847           | 100               | 160,608           | 89                | 156,158           | 93                | 167,047           | 97            | 171,994           | 98            | 179,563           | 105           | 187,352           | 91            | 159,963           | 85            | 142,465           |  |
| Comparative Med.                         | 45                | 133,561           | 50                | 138,023           | 50                | 139,499           | 52                | 132,624           | 51                | 129,355           | 52            | 132,143           | 47            | 120,089           | 48            | 121,663           | 67            | 129,881           | 50            | 136,741           |  |
| RCMI                                     | 23                | 60,452            | 23                | 59,136            | 22                | 58,994            | 21                | 55,054            | 22                | 55,067            | 23            | 54,641            | 23            | 56,759            | 24            | 58,461            | 21            | 61,478            | 19            | 63,189            |  |
| Subtotal, Centers                        | 1,452             | 3,082,914         | 1,468             | 3,009,480         | 1,453             | 3,039,069         | 1,397             | 2,708,744         | 1,343             | 2,723,202         | 1,333         | 2,663,064         | 1,288         | 2,573,774         | 1,248         | 2,536,308         | 1,250         | 2,581,750         | 1,218         | 2,680,161         |  |
| <b>Other Research:</b>                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |
| Research Careers                         | 4,049             | 648,887           | 3,919             | 625,950           | 3,843             | 631,602           | 3,677             | 614,644           | 3,624             | 611,834           | 3,593         | 608,205           | 3,618         | 643,945           | 3,712         | 672,622           | 4,000         | 732,017           | 4,219         | 787,964           |  |
| Cancer Ed.                               | 91                | 35,444            | 90                | 32,590            | 93                | 33,373            | 96                | 34,466            | 96                | 32,932            | 85            | 28,026            | 74            | 23,261            | 83            | 23,629            | 76            | 21,182            | 77            | 20,459            |  |
| Coop. Cl.                                | 332               | 431,227           | 414               | 448,384           | 392               | 430,353           | 431               | 434,870           | 394               | 474,586           | 369           | 421,734           | 345           | 404,684           | 329           | 403,274           | 219           | 386,160           | 266           | 503,637           |  |
| BRS                                      | 134               | 67,626            | 135               | 70,232            | 115               | 67,917            | 122               | 69,214            | 111               | 67,391            | 110           | 66,863            | 107           | 67,235            | 109           | 69,962            | 118           | 85,524            | 131           | 81,134            |  |
| MBRS                                     | 371               | 106,966           | 367               | 104,455           | 347               | 110,881           | 311               | 104,656           | 287               | 104,470           | 278           | 103,446           | 272           | 105,494           | 281           | 104,119           | 283           | 101,245           | 286           | 100,889           |  |
| Other                                    | 1,729             | 530,351           | 1,770             | 547,641           | 1,726             | 560,329           | 1,748             | 525,628           | 1,722             | 555,628           | 1,803         | 574,445           | 1,855         | 775,117           | 1,863         | 907,363           | 2,051         | 1,045,036         | 2,140         | 1,203,954         |  |
| Subtotal, Other                          | 6,706             | 1,820,501         | 6,695             | 1,829,252         | 6,516             | 1,834,455         | 6,385             | 1,783,478         | 6,234             | 1,846,841         | 6,238         | 1,802,719         | 6,271         | 2,019,736         | 6,377         | 2,180,970         | 6,747         | 2,371,164         | 7,119         | 2,698,036         |  |
| <b>Total, Res. Grants</b>                | <b>45,047</b>     | <b>21,452,218</b> | <b>44,563</b>     | <b>21,314,442</b> | <b>44,260</b>     | <b>21,472,854</b> | <b>42,622</b>     | <b>19,937,686</b> | <b>41,909</b>     | <b>20,738,289</b> | <b>41,950</b> | <b>20,907,065</b> | <b>43,139</b> | <b>22,433,200</b> | <b>44,193</b> | <b>23,810,873</b> | <b>46,817</b> | <b>25,709,808</b> | <b>48,980</b> | <b>27,871,510</b> |  |
| <b>Training:</b>                         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |               |                   |               |                   |               |                   |               |                   |               |                   |  |
| Individual                               | 3,070             | 125,695           | 3,027             | 127,442           | 3,045             | 129,514           | 3,071             | 132,034           | 3,058             | 136,143           | 3,161         | 136,979           | 3,282         | 147,553           | 3,599         | 157,826           | 3,500         | 161,753           | 3,654         | 170,240           |  |
| Institutional                            | 14,080            | 649,491           | 13,861            | 644,324           | 13,260            | 631,723           | 12,468            | 601,490           | 12,258            | 602,286           | 12,429        | 621,038           | 12,446        | 656,316           | 12,419        | 669,571           | 12,697        | 694,091           | 13,221        | 695,065           |  |
| Total, Training                          | 17,150            | 775,186           | 16,888            | 771,766           | 16,305            | 761,237           | 15,539            | 733,524           | 15,316            | 738,430           | 15,590        | 758,017           | 15,728        | 803,869           | 16,018        | 827,397           | 16,197        | 855,844           | 16,875        | 865,305           |  |
| R & D Contracts (SBIR/STTR)              | 2,289             | 3,145,385         | 2,373             | 2,997,696         | 2,493             | 2,915,036         | 2,327             | 2,927,079         | 2,211             | 2,990,039         | 2,238         | 2,826,971         | 2,703         | 2,913,224         | 2,028         | 3,046,757         | 2,210         | 3,072,406         | 2,443         | 3,124,750         |  |
| Intramural Research                      |                   | 3,306,312         |                   | 3,330,815         |                   | 3,400,607         |                   | 3,247,191         |                   | 3,373,603         |               | 3,407,862         |               | 3,682,831         |               | 3,780,181         |               | 3,972,054         |               |                   |  |
| Res. Mgmt and Support (SBIR Admin.)      | (112)             | (32,927)          | (115)             | (38,067)          | (127)             | (57,174)          | (120)             | (59,136)          | (115)             | (65,428)          | (122)         | (71,236)          | (108)         | (66,581)          | (88)          | (57,569)          | (85)          | (60,588)          | (117)         | (87,119)          |  |
| Cancer Control Construction              |                   | 1,513,176         |                   | 1,521,641         |                   | 1,532,899         | (2)               | 1,485,574         | (3)               | 1,527,131         | (1)           | 1,619,438         | (0)           | 1,653,230         | (0)           | 1,747,212         | (0)           | 1,813,738         | (0)           | 1,886,087         |  |
| <b>NIH Total Obligations<sup>2</sup></b> | <b>30,192,277</b> | <b>29,936,360</b> | <b>30,082,433</b> | <b>28,331,054</b> | <b>29,367,492</b> | <b>29,519,354</b> | <b>31,486,355</b> | <b>33,212,419</b> | <b>35,423,849</b> | <b>37,926,901</b> |               |                   |               |                   |               |                   |               |                   |               |                   |  |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> Grant number and dollar amounts for Inter appropriation's Superfund Research account are distributed by mechanism through FY 2012 and identified as a lump sum in FY 2013 and beyond. As a result, totals in this table will be comparable between FY 2000 to FY 2012 but will differ from the total value for IC in the NIH-wide summary table for FY 2013 and beyond.

Note 1: NIH total on this table does not include B&F or OD-Other. OD ORIP & SEPA is included beginning FY 2012.

Note 2: Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007. Prior to FY 2007, NLM obligations are excluded from this table.

**National Institutes of Health  
Mechanism Detail  
Actual Obligations, FY 2020 - FY 2024  
(Dollars in Thousands)**

| Mechanism <sup>1</sup>                                  | FY 2020 <sup>3</sup> |                       | FY 2021 <sup>3</sup> |                                     | FY 2022 <sup>3</sup> |                       | FY 2023 <sup>3</sup> |                       | FY 2024 <sup>3</sup> |                                      |
|---|----------------------|-----------------------|----------------------|-------------------------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|--------------------------------------|
|   | No.                  | Amount                | No.                  | Amount                              | No.                  | Amount                | No.                  | Amount                | No.                  | Amount                               |
| Research Project:                                       |                      |                       |                      |                                     |                      |                       |                      |                       |                      |                                      |
| Noncompeting  | 28,327               | 15,712,066            | 28,451               | 15,902,874                          | 29,424               | 17,051,526            | 30,105               | 17,921,114            | 30,792               | 18,716,721                           |
| Admin. Supp.  | (2,696)              | 556,569               | (2,923)              | 486,015                             | (3,152)              | 495,987               | (3,797)              | 536,537               | (3,468)              | 462,665                              |
| Competing   | 11,332               | 6,349,418             | 11,230               | 6,744,124                           | 11,305               | 6,652,625             | 11,052               | 6,664,292             | 10,265               | 6,064,127                            |
| Subtotal, RPGs  | 39,659               | 22,618,053            | 39,681               | 23,133,012                          | 40,729               | 24,200,138            | 41,157               | 25,121,943            | 41,057               | 25,243,514                           |
| SBIR/STTR   | 1,832                | 1,126,134             | 1,856                | 1,175,549                           | 1,832                | 1,200,290             | 1,903                | 1,291,580             | 1,760                | 1,255,117                            |
| Subtotal, RPGs  | 41,491               | 23,744,187            | 41,537               | 24,308,561                          | 42,561               | 25,400,428            | 43,060               | 26,413,523            | 42,817               | 26,498,630                           |
| <b>Research Centers:</b>                                |                      |                       |                      |                                     |                      |                       |                      |                       |                      |                                      |
| Spec/Comp.  | 1,002                | 1,942,905             | 1,014                | 2,025,829                           | 1,047                | 2,113,952             | 1,047                | 2,269,258             | 1,036                | 2,256,207                            |
| Clinical Research                                       | 70                   | 432,804               | 71                   | 421,204                             | 73                   | 441,087               | 57                   | 328,369               | 36                   | 252,427                              |
| Biotechnology   | 73                   | 125,526               | 61                   | 92,492                              | 45                   | 72,777                | 40                   | 64,909                | 38                   | 65,279                               |
| Comparative Med.  | 48                   | 138,385               | 48                   | 143,583                             | 47                   | 144,037               | 49                   | 137,280               | 46                   | 129,188                              |
| RCMI  | 21                   | 74,111                | 21                   | 78,151                              | 22                   | 74,230                | 23                   | 78,613                | 21                   | 79,321                               |
| Subtotal, Centers                                       | 1,214                | 2,713,731             | 1,215                | 2,761,258                           | 1,234                | 2,846,083             | 1,216                | 2,878,429             | 1,177                | 2,782,422                            |
| <b>Other Research:</b>                                  |                      |                       |                      |                                     |                      |                       |                      |                       |                      |                                      |
| Research Careers  | 4,461                | 837,213               | 4,686                | 882,042                             | 4,964                | 919,751               | 5,043                | 928,335               | 5,085                | 939,807                              |
| Cancer Ed.  | 59                   | 14,878                | 68                   | 17,633                              | 75                   | 20,668                | 83                   | 23,219                | 83                   | 23,601                               |
| Coop. Cl.   | 254                  | 491,092               | 249                  | 482,762                             | 261                  | 473,265               | 269                  | 486,472               | 248                  | 439,328                              |
| BRS   | 125                  | 89,486                | 138                  | 103,688                             | 158                  | 104,783               | 126                  | 111,657               | 154                  | 112,827                              |
| MBRS  | 286                  | 98,392                | 282                  | 95,012                              | 228                  | 77,191                | 154                  | 55,759                | 83                   | 34,270                               |
| Other   | 2,120                | 1,222,227             | 2,166                | 1,313,099                           | 2,364                | 1,474,711             | 2,502                | 1,704,821             | 2,739                | 1,664,523                            |
| Subtotal, Other   | 7,305                | 2,753,289             | 7,589                | 2,894,236                           | 8,050                | 3,070,369             | 8,177                | 3,310,262             | 8,392                | 3,214,357                            |
| <b>Total, Res. Grants</b>                               | <b>50,010</b>        | <b>29,211,207</b>     | <b>50,341</b>        | <b>29,964,055</b>                   | <b>51,845</b>        | <b>31,316,880</b>     | <b>52,453</b>        | <b>32,602,214</b>     | <b>52,386</b>        | <b>32,495,409</b>                    |
| <b>Training:</b>  |                      |                       |                      |                                     |                      |                       |                      |                       |                      |                                      |
| Individual  | FTTPs: 3,919         | 186,322               | FTTPs: 4,197         | 200,799                             | FTTPs: 4,109         | 196,265               | FTTPs: 3,979         | 191,957               | FTTPs: 4,002         | 201,587                              |
| Institutional   | 13,086               | 720,688               | 12,792               | 725,686                             | 13,298               | 770,860               | 13,469               | 793,060               | 13,392               | 799,652                              |
| Total, Training   | 17,005               | 907,010               | 16,989               | 926,485                             | 17,407               | 967,125               | 17,448               | 985,017               | 17,394               | 1,001,239                            |
| R & D Contracts (SBIR/STTR)                             | 2,299<br>(110)       | 3,283,765<br>(73,183) | 2,405<br>(103)       | 3,363,105<br>(60,525)               | 2,736<br>(100)       | 3,700,244<br>(84,164) | 2,734<br>(101)       | 4,019,858<br>(75,192) | 2,935<br>(109)       | 3,974,403<br>(82,289)                |
| Intramural Research Res. Mgmt and Support (SBIR Admin.) | (2)                  | 4,461,665<br>(7,762)  | (0)                  | 4,583,901<br>(2,048,924)<br>(7,490) | (0)                  | 4,824,139<br>(9,186)  | (0)                  | 5,043,135<br>(10,097) | (0)                  | 5,185,193<br>(2,466,278)<br>(13,825) |
| Cancer Control Construction                             |                      |                       |                      |                                     |                      |                       |                      |                       |                      |                                      |
| <b>NIH Total Obligations<sup>2</sup></b>                |                      | <b>39,838,007</b>     |                      | <b>40,886,470</b>                   |                      | <b>42,968,051</b>     |                      | <b>44,980,816</b>     |                      | <b>45,122,522</b>                    |

<sup>1</sup> Actual obligations for each fiscal year exclude lapsed amounts and are non-comparable.

<sup>2</sup> Grant number and dollar amounts for Interior appropriation's Superfund Research account are distributed by mechanism through FY 2012 and identified as a lump sum in FY 2013 and beyond. As a result, totals in this table will be non-comparable between FY 2000 to FY 2012 vs. FY 2013 and beyond.

<sup>3</sup> FY 2020 thru FY 2023 columns DO NOT include obligations derived from emergency pandemic supplemental appropriations enacted in FY 2020 or unobligated carryover used in FY 2021 thru FY 2023 from these multi-year accounts.

Note 1: NIH total on this table does not include B&F or OD-Other. OD ORIP & SEPA is included beginning FY 2012.

Note 2: Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007. Prior to FY 2007, NLM obligations are excluded from this table.