

SUMMARY TABLES/ CHARTS

**National Science Foundation
By Strategic Goal and Account
FY 2004 Request**

| NSF Accounts | FY 2002 Actuals | FY 2003 Request | FY 2004 Request Level | | | | FY 2004 Request | \$ Change Request over 03 Request | % Change Request over 03 Request |
|--|--------------------|--------------------|-----------------------|-------------------|-------------------|-----------------|--------------------|--------------------------------------|--|
| | | | People | Ideas | Tools | A&M | | | |
| FY 2002 Actuals | \$4,774.06 | | \$994.79 | \$2,436.28 | \$1,112.41 | \$230.58 | | | |
| FY 2003 Request | | \$5,028.22 | \$1,086.70 | \$2,559.45 | \$1,121.50 | \$260.57 | | | |
| BIO | 509.64 | 525.62 | 50.78 | 447.90 | 59.14 | 4.40 | 562.22 | 36.59 | 7.0% |
| CISE | 515.01 | 526.94 | 56.94 | 354.12 | 166.09 | 7.11 | 584.26 | 57.32 | 10.9% |
| ENG | 391.72 | 404.33 | 83.42 | 334.34 | 10.75 | 6.90 | 435.42 | 31.09 | 7.7% |
| <i>SBIR, STTR</i> | <i>79.11</i> | <i>83.65</i> | <i>0.00</i> | <i>101.15</i> | <i>0.00</i> | <i>0.00</i> | <i>101.15</i> | <i>17.50</i> | <i>20.9%</i> |
| GEO | 609.55 | 691.07 | 36.51 | 395.10 | 248.31 | 8.00 | 687.92 | -3.15 | -0.5% |
| MPS | 920.42 | 941.57 | 124.67 | 670.25 | 260.36 | 5.99 | 1,061.27 | 119.70 | 12.7% |
| SBE | 183.97 | 195.61 | 15.23 | 151.15 | 39.99 | 5.37 | 211.74 | 16.13 | 8.2% |
| OPP | 300.79 | 303.81 | 6.47 | 78.35 | 241.36 | 3.75 | 329.93 | 26.12 | 8.6% |
| IA | 105.76 | 110.61 | 14.00 | 24.45 | 94.00 | 0.00 | 132.45 | 21.84 | 19.7% |
| Research & Related Activities | \$3,615.97 | \$3,783.21 | \$388.02 | \$2,556.82 | \$1,120.00 | \$41.52 | \$4,106.36 | \$323.15 | 8.5% |
| Education & Human Resources | \$866.11 | \$908.08 | \$764.85 | \$139.22 | \$18.60 | \$15.37 | \$938.04 | \$29.96 | 3.3% |
| Major Research Equipment & Facilities Constuction | \$115.35 | \$126.28 | \$0.00 | \$0.00 | \$202.33 | \$0.00 | \$202.33 | \$76.05 | 60.2% |
| Salaries & Expenses | \$169.93 | \$202.95 | \$0.00 | \$0.00 | \$0.00 | \$225.70 | \$225.70 | \$22.75 | 11.2% |
| Office of Inspector General | \$6.70 | \$7.70 | \$0.00 | \$0.00 | \$0.00 | \$8.77 | \$8.77 | \$1.07 | 13.9% |
| Total, National Science Foundation | \$4,774.06 | \$5,028.22 | \$1,152.87 | \$2,696.04 | \$1,340.93 | \$291.36 | \$5,481.20 | \$452.98 | 9.0% |
| <i>H-1B Visa</i> | <i>\$57.31</i> | <i>\$65.68</i> | | | | | <i>\$0.00</i> | | |
| Total NSF, Including H-1B Visa | \$4,831.37 | \$5,093.90 | <i>\$1,152.87</i> | <i>\$2,696.04</i> | <i>\$1,340.93</i> | <i>\$291.36</i> | <i>\$5,481.20</i> | <i>\$387.30</i> | <i>7.6%</i> |
| Percent Increase over Prior Year, excluding H-1B Visa | | | 6.1% | 5.3% | 19.6% | 11.8% | | | |

Totals may not add due to rounding.

**National Science Foundation
Selected Cross-Cutting Programs
FY 2004**

| Selected Cross-Cutting Programs | | FY 2002 Actuals | FY 2003 Request | FY 2004 Request | \$ Change Request over 03 Request | % Change Request over 03 Request |
|---|-------------------------------|--------------------|--------------------|--------------------|--|---|
| ADVANCE | Research & Related Activities | \$15.67 | \$16.69 | \$21.16 | \$4.47 | 26.8% |
| | Education & Human Resources | \$0.45 | \$0.45 | \$0.00 | -\$0.45 | -100.0% |
| | Total, NSF | \$16.12 | \$17.14 | \$21.16 | \$4.02 | 23.5% |
| Faculty Early Career Development - CAREER | Research & Related Activities | \$132.21 | \$122.68 | \$128.33 | \$5.65 | 4.6% |
| | Education & Human Resources | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.0% |
| | Total, NSF | \$132.21 | \$122.68 | \$128.33 | \$5.65 | 4.6% |
| Graduate Teaching Fellowships in K-12 Education - GK-12 | Research & Related Activities | \$3.64 | \$6.70 | \$7.64 | \$0.94 | 14.0% |
| | Education & Human Resources | \$23.17 | \$34.75 | \$42.46 | \$7.71 | 22.2% |
| | Total, NSF | \$26.81 | \$41.45 | \$50.10 | \$8.65 | 20.9% |
| Graduate Research Fellowships - GRF | Research & Related Activities | \$4.10 | \$7.11 | \$8.06 | \$0.95 | 13.4% |
| | Education & Human Resources | \$63.30 | \$73.45 | \$89.74 | \$16.29 | 22.2% |
| | Total, NSF | \$67.40 | \$80.56 | \$97.80 | \$17.24 | 21.4% |
| Integrative Graduate Education and Research Traineeships - IGERT | Research & Related Activities | \$23.24 | \$33.59 | \$42.40 | \$8.81 | 26.2% |
| | Education & Human Resources | \$19.50 | \$20.20 | \$24.70 | \$4.50 | 22.3% |
| | Total, NSF | \$42.74 | \$53.79 | \$67.10 | \$13.31 | 24.7% |
| Model Institutions of Excellence - MIE | Research & Related Activities | \$7.29 | \$7.29 | \$7.29 | \$0.00 | 0.0% |
| | Education & Human Resources | \$2.50 | \$2.52 | \$2.52 | \$0.00 | 0.0% |
| | Total, NSF | \$9.79 | \$9.81 | \$9.81 | \$0.00 | 0.0% |
| PostDoctoral Programs | Research & Related Activities | \$14.51 | \$15.04 | \$20.46 | \$5.42 | 36.0% |
| | Education & Human Resources | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.0% |
| | Total, NSF | \$14.51 | \$15.04 | \$20.46 | \$5.42 | 36.0% |
| Research Experience for Undergraduates - REU | Research & Related Activities | \$47.68 | \$44.83 | \$45.58 | \$0.75 | 1.7% |
| | Education & Human Resources | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.0% |
| | Total, NSF | \$47.68 | \$44.83 | \$45.58 | \$0.75 | 1.7% |
| Interagency Education Research Initiative - IERI | Research & Related Activities | \$8.00 | \$10.00 | \$10.00 | \$0.00 | 0.0% |
| | Education & Human Resources | \$14.67 | \$15.00 | \$15.00 | \$0.00 | 0.0% |
| | Total, NSF | \$22.67 | \$25.00 | \$25.00 | \$0.00 | 0.0% |
| Science and Technology Centers - STCs | Research & Related Activities | \$44.38 | \$45.10 | \$44.91 | -\$0.19 | -0.4% |
| | Education & Human Resources | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.0% |
| | Total, NSF | \$44.38 | \$45.10 | \$44.91 | -\$0.19 | -0.4% |

*Totals may not add due to rounding.



NSF Funding Profile

The Number of Requests for Funding is a count of all proposals received as well as requests for additional funding on continuing awards. Additional funding on continuing awards is contingent upon availability of funds and whether the results achieved are determined to warrant further support. Dollars Requested includes all dollars associated with the requests for funding.

Total Number of Awards is a count of the awards funded in the fiscal year. It includes both new awards and the second and subsequent years of a continuing award.

Approximately half of the awards that are supported in a particular fiscal year are competitively reviewed in that year through NSF's merit review process. The other awards are continuations of projects that were competitively reviewed in a prior year. As shown in the Number of Competitive Awards, the Funding Rate is the number of competitive awards made during a year as a percentage of total proposals competitively reviewed. It indicates the probability of winning an award when submitting proposals to NSF.

Research Grants are those limited to research projects and excludes other categories of awards that fund infrastructure-type activities such as equipment and conference awards, which do not require multi-year support.

The Annualized Award Size displays the annual level of research grants provided to awardees by dividing the total dollars of each award by the number of years over which it extends. Both the average and the median annualized award size for competitively reviewed awards are shown.

Average Duration is the length of the award in years.

The Quantitative Data Tables, provided under a separate tab, are based on all proposals and awards, including competitive awards, contracts, cooperative agreements, supplements and amendments to existing grants and contracts.

NSF FUNDING PROFILE

| | FY 2002 Actual | FY 2003 Estimate | FY 2004 Estimate |
|--|-------------------|---------------------|---------------------|
| Number of Requests for Funding ¹ | 45,280 | 45,940 | 47,260 |
| Dollars Requested (in millions) ¹ | \$31,620 | \$32,190 | \$33,220 |
| Total Number of Awards | 21,670 | 21,900 | 22,870 |
| Statistics for Competitive Awards | | | |
| Number | 10,630 | 10,460 | 10,950 |
| Funding Rate | 30% | 31% | 30% |
| Statistics for Research Grants | | | |
| Number of Research Grants | 6,850 | 6,550 | 6,870 |
| Median Annualized Award Size | \$84,290 | \$87,470 | \$90,890 |
| Average Annualized Award Size | \$115,710 | \$125,000 | \$128,000 |
| Average Duration (yrs.) | 2.9 | 3.0 | 3.0 |

¹ Does not include H-1B scholarship and graduate fellowship applications.



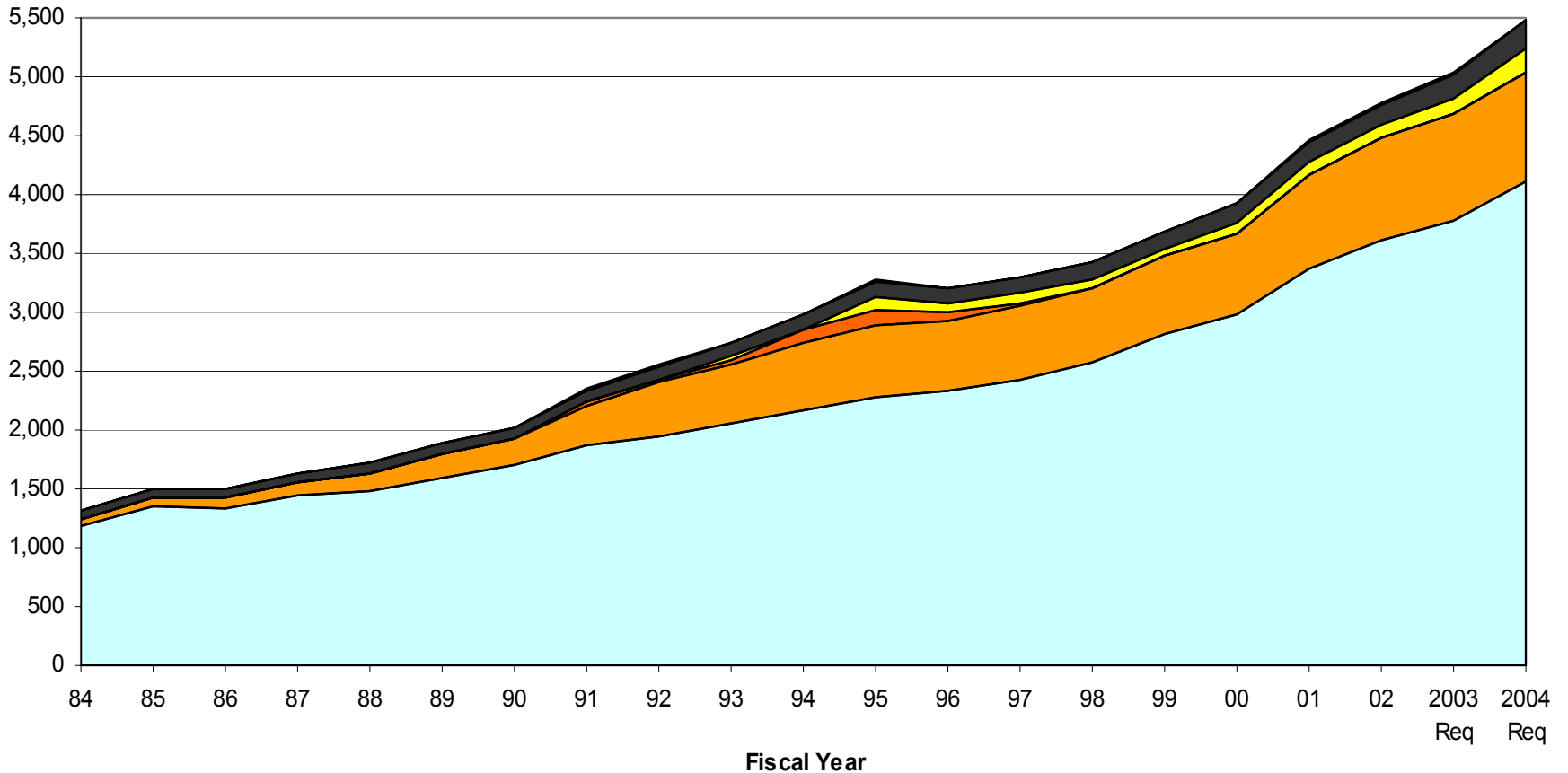
NSF NSTC CROSSCUTS
FY 2004 Budget Request to Congress

| | U.S. Global Change Research Program | | | Networking and Information Technology Research & Development | | | National Nanotechnology Initiative | | |
|------------------|-------------------------------------|-----------------|-----------------|--|-----------------|-----------------|------------------------------------|-----------------|-----------------|
| | FY 2002 Actual | FY 2003 Request | FY 2004 Request | FY 2002 Actual | FY 2003 Request | FY 2004 Request | FY 2002 Actual | FY 2003 Request | FY 2004 Request |
| BIO | 15.10 | 15.10 | 15.10 | 31.00 | 31.60 | 32.30 | 2.50 | 2.98 | 4.98 |
| CISE | | | | 514.88 | 526.94 | 583.18 | 10.20 | 11.14 | 15.14 |
| ENG | 0.75 | 1.00 | 1.00 | 10.23 | 11.17 | 11.17 | 86.30 | 94.35 | 106.85 |
| GEO | 137.49 | 137.49 | 137.49 | 12.16 | 13.21 | 14.56 | 6.80 | 7.53 | 7.88 |
| MPS | 5.45 | 5.45 | 5.45 | 47.53 | 59.23 | 58.75 | 98.68 | 103.92 | 110.42 |
| SBE | 16.90 | 15.48 | 15.48 | 7.92 | 12.78 | 12.78 | | 1.11 | 1.50 |
| OPP IA | 13.78 | 13.78 | 13.78 | 1.22 | 1.33 | 1.33 | | | |
| R&RA | 189.47 | 188.30 | 188.30 | 624.94 | 656.26 | 714.07 | 204.48 | 221.03 | 246.77 |
| EHR MRE | | | | 2.00 35.00 | 2.48 20.00 | 9.53 | | 0.22 | 2.22 |
| NSF TOTAL | \$189.47 | \$188.30 | \$188.30 | \$661.94 | \$678.74 | \$723.60 | \$204.48 | \$221.25 | \$248.99 |

NSF By Account
(Actual Dollars in Millions - Current Dollars)

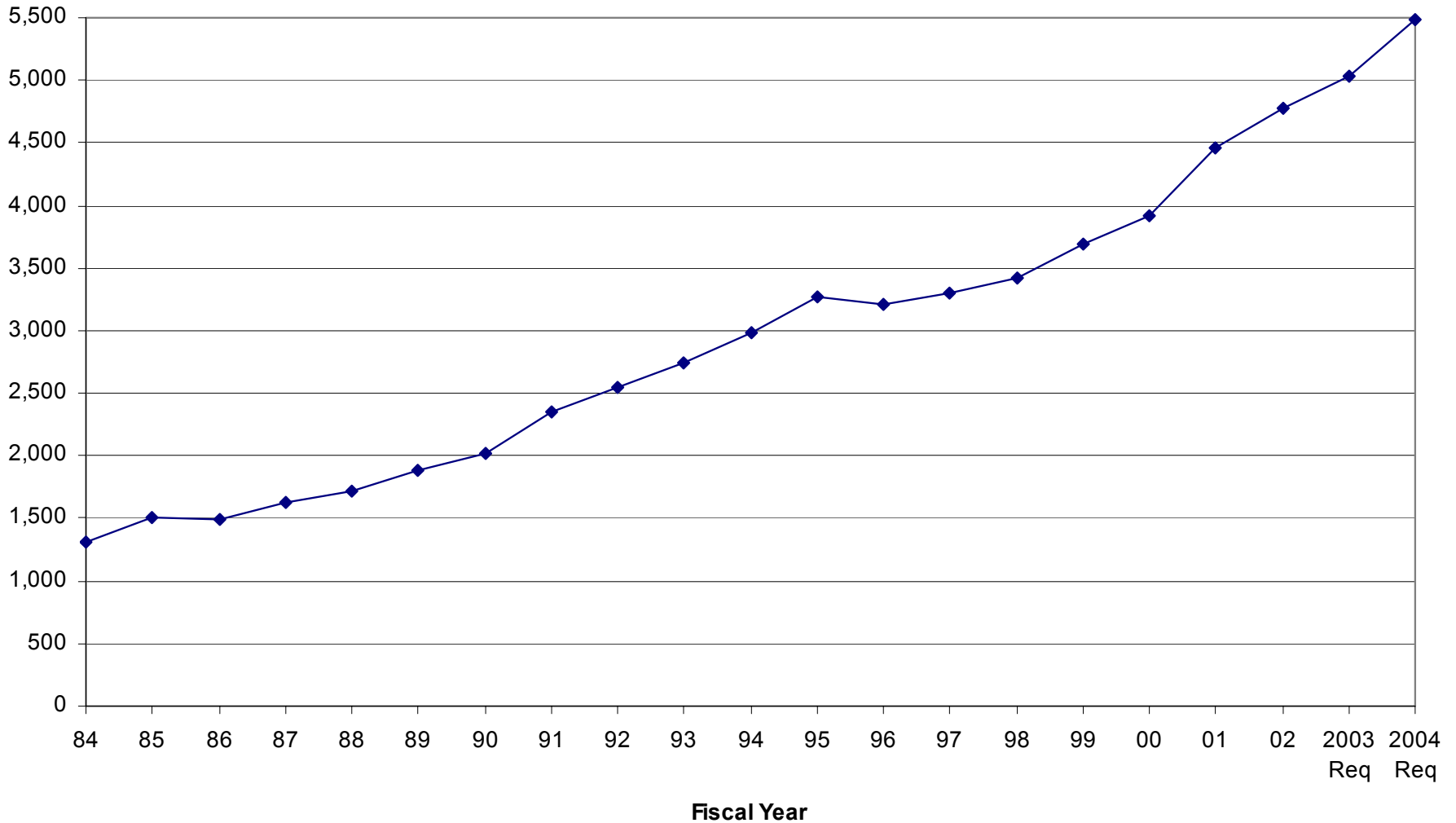
| Fiscal Year | Major | | | | | | NSF | |
|-------------|-------------------------------|-----------------------------|----------------------------------|-------------------------------------|---------------------|-----------------------------|-----|---------|
| | Research & Related Activities | Education & Human Resources | Academic Research Infrastructure | Equipment & Facilities Construction | Salaries & Expenses | Office of Inspector General | | |
| 51 | 0.0 | 0.0 | 0.0 | | | 0.1 | 0.0 | 0.2 |
| 52 | 1.4 | 1.5 | 0.0 | | | 0.5 | 0.0 | 3.5 |
| 53 | 2.1 | 1.4 | 0.0 | | | 0.9 | 0.0 | 4.4 |
| 54 | 4.5 | 1.9 | 0.0 | | | 1.5 | 0.0 | 8.0 |
| 55 | 8.9 | 2.1 | 0.0 | | | 1.5 | 0.0 | 12.5 |
| 56 | 10.8 | 3.5 | 0.0 | | | 1.7 | 0.0 | 16.0 |
| 57 | 22.0 | 14.3 | 0.0 | | | 2.4 | 0.0 | 38.6 |
| 58 | 27.4 | 19.2 | 0.0 | | | 2.9 | 0.0 | 49.5 |
| 59 | 66.3 | 61.3 | 0.0 | | | 5.3 | 0.0 | 132.9 |
| 60 | 88.4 | 63.7 | 0.0 | | | 6.5 | 0.0 | 158.6 |
| 61 | 104.0 | 63.4 | 0.0 | | | 7.6 | 0.0 | 175.0 |
| 62 | 173.3 | 78.6 | 0.0 | | | 9.0 | 0.0 | 260.8 |
| 63 | 218.9 | 91.0 | 0.0 | | | 10.9 | 0.0 | 320.8 |
| 64 | 239.9 | 102.6 | 0.0 | | | 12.1 | 0.0 | 354.6 |
| 65 | 282.4 | 120.4 | 0.0 | | | 13.1 | 0.0 | 416.0 |
| 66 | 328.6 | 124.3 | 0.0 | | | 13.1 | 0.0 | 466.0 |
| 67 | 327.7 | 123.4 | 0.0 | | | 14.0 | 0.0 | 465.1 |
| 68 | 350.2 | 134.7 | 0.0 | | | 15.4 | 0.0 | 500.3 |
| 69 | 292.9 | 123.1 | 0.0 | | | 16.5 | 0.0 | 432.5 |
| 70 | 316.4 | 126.4 | 0.0 | | | 19.7 | 0.0 | 462.5 |
| 71 | 369.4 | 105.0 | 0.0 | | | 21.8 | 0.0 | 496.1 |
| 72 | 482.4 | 93.7 | 0.0 | | | 24.6 | 0.0 | 600.7 |
| 73 | 519.4 | 62.2 | 0.0 | | | 28.6 | 0.0 | 610.3 |
| 74 | 533.3 | 80.7 | 0.0 | | | 31.7 | 0.0 | 645.7 |
| 75 | 581.2 | 74.0 | 0.0 | | | 37.9 | 0.0 | 693.1 |
| 76 | 619.7 | 62.5 | 0.0 | | | 42.2 | 0.0 | 724.4 |
| 77 | 672.0 | 74.3 | 0.0 | | | 45.5 | 0.0 | 791.8 |
| 78 | 734.7 | 73.9 | 0.0 | | | 48.7 | 0.0 | 857.3 |
| 79 | 791.8 | 80.4 | 0.0 | | | 54.8 | 0.0 | 926.9 |
| 80 | 836.8 | 80.1 | 0.0 | | | 58.2 | 0.0 | 975.1 |
| 81 | 900.4 | 75.7 | 0.0 | | | 59.2 | 0.0 | 1,035.3 |
| 82 | 909.8 | 26.2 | 0.0 | | | 63.2 | 0.0 | 999.1 |
| 83 | 1,013.0 | 23.0 | 0.0 | | | 65.7 | 0.0 | 1,101.7 |
| 84 | 1,177.7 | 63.0 | 0.0 | | | 66.3 | 0.0 | 1,306.9 |
| 85 | 1,344.6 | 90.6 | 0.0 | | | 72.0 | 0.0 | 1,507.1 |
| 86 | 1,329.6 | 91.7 | 0.0 | | | 71.8 | 0.0 | 1,493.2 |
| 87 | 1,440.0 | 109.9 | 0.0 | | | 77.8 | 0.0 | 1,627.6 |
| 88 | 1,481.3 | 156.8 | 0.0 | | | 84.5 | 0.0 | 1,722.6 |
| 89 | 1,600.5 | 194.1 | 0.0 | | | 91.3 | 0.0 | 1,885.9 |
| 90 | 1,696.6 | 230.4 | 0.4 | | | 96.4 | 2.3 | 2,026.1 |
| 91 | 1,868.5 | 331.9 | 39.0 | | | 101.2 | 2.9 | 2,343.5 |
| 92 | 1,940.5 | 459.4 | 33.4 | | | 110.0 | 3.9 | 2,547.1 |
| 93 | 2,046.3 | 505.1 | 49.8 | 34.1 | | 110.8 | 3.7 | 2,749.7 |
| 94 | 2,168.4 | 569.0 | 105.4 | 17.0 | | 123.5 | 3.9 | 2,987.2 |
| 95 | 2,281.5 | 611.9 | 117.5 | 126.0 | | 129.0 | 4.5 | 3,270.3 |
| 96 | 2,327.8 | 601.2 | 70.9 | 70.0 | | 132.5 | 4.0 | 3,206.3 |
| 97 | 2,433.9 | 619.1 | 30.0 | 76.1 | | 134.3 | 5.3 | 3,298.8 |
| 98 | 2,572.6 | 633.2 | 0.0 | 78.2 | | 136.9 | 4.8 | 3,425.7 |
| 99 | 2,821.6 | 662.5 | 0.0 | 56.7 | | 144.1 | 5.4 | 3,690.3 |
| 00 | 2,979.9 | 683.6 | 0.0 | 105.0 | | 149.3 | 5.6 | 3,923.4 |
| 01 | 3,372.3 | 795.4 | 0.0 | 119.2 | | 166.3 | 6.6 | 4,459.9 |
| 02 | 3,616.0 | 866.1 | 0.0 | 115.4 | | 169.9 | 6.7 | 4,774.1 |
| 2003 Req | 3,783.2 | 908.1 | 0.0 | 126.3 | | 203.0 | 7.7 | 5,028.2 |
| 2004 Req | 4,106.4 | 938.0 | 0.0 | 202.3 | | 225.7 | 8.8 | 5,481.2 |

NSF Twenty Year Budget by Account In Millions of Current Dollars



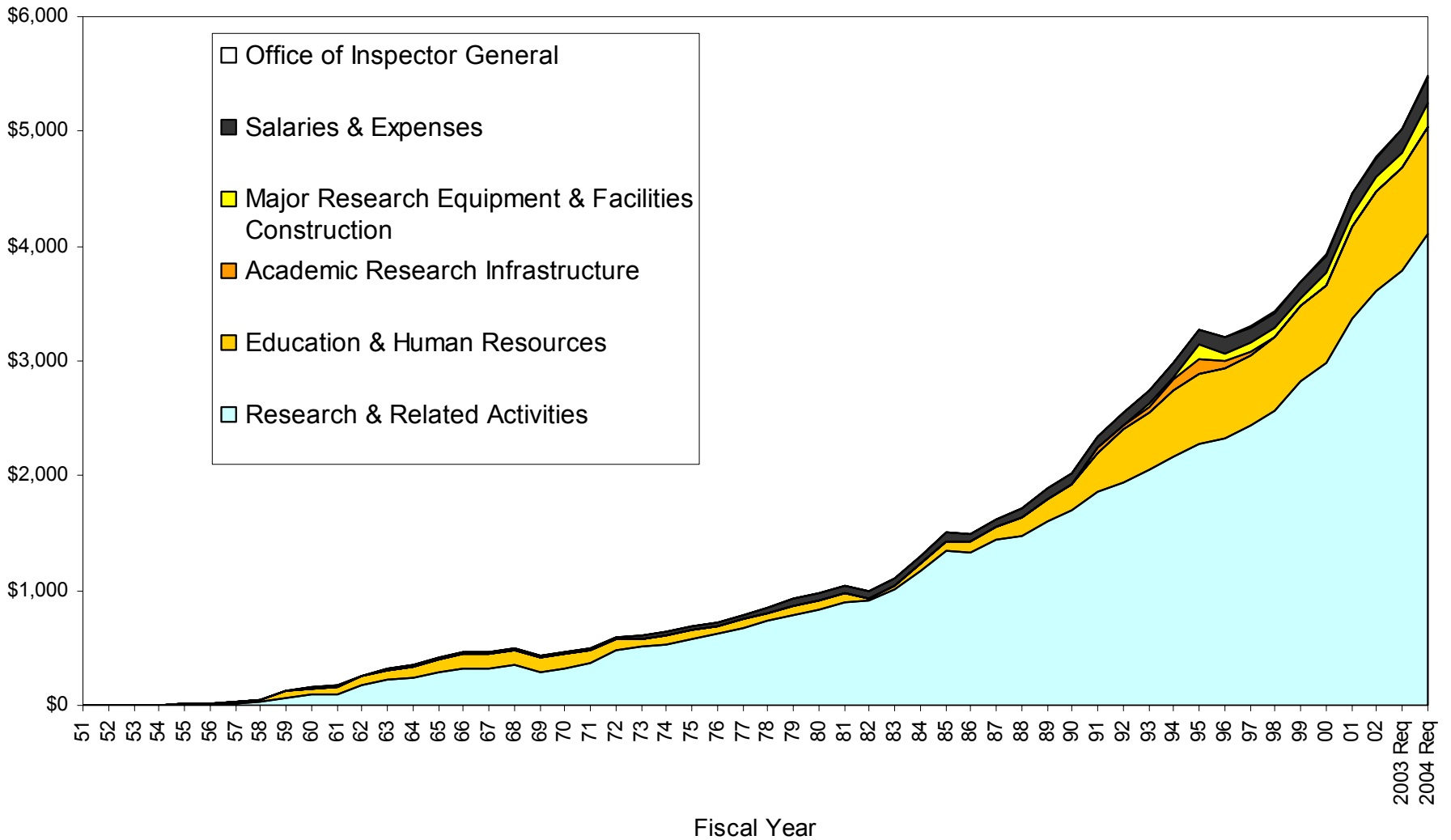
NSF Twenty Year Budget History

In Millions of Current Dollars



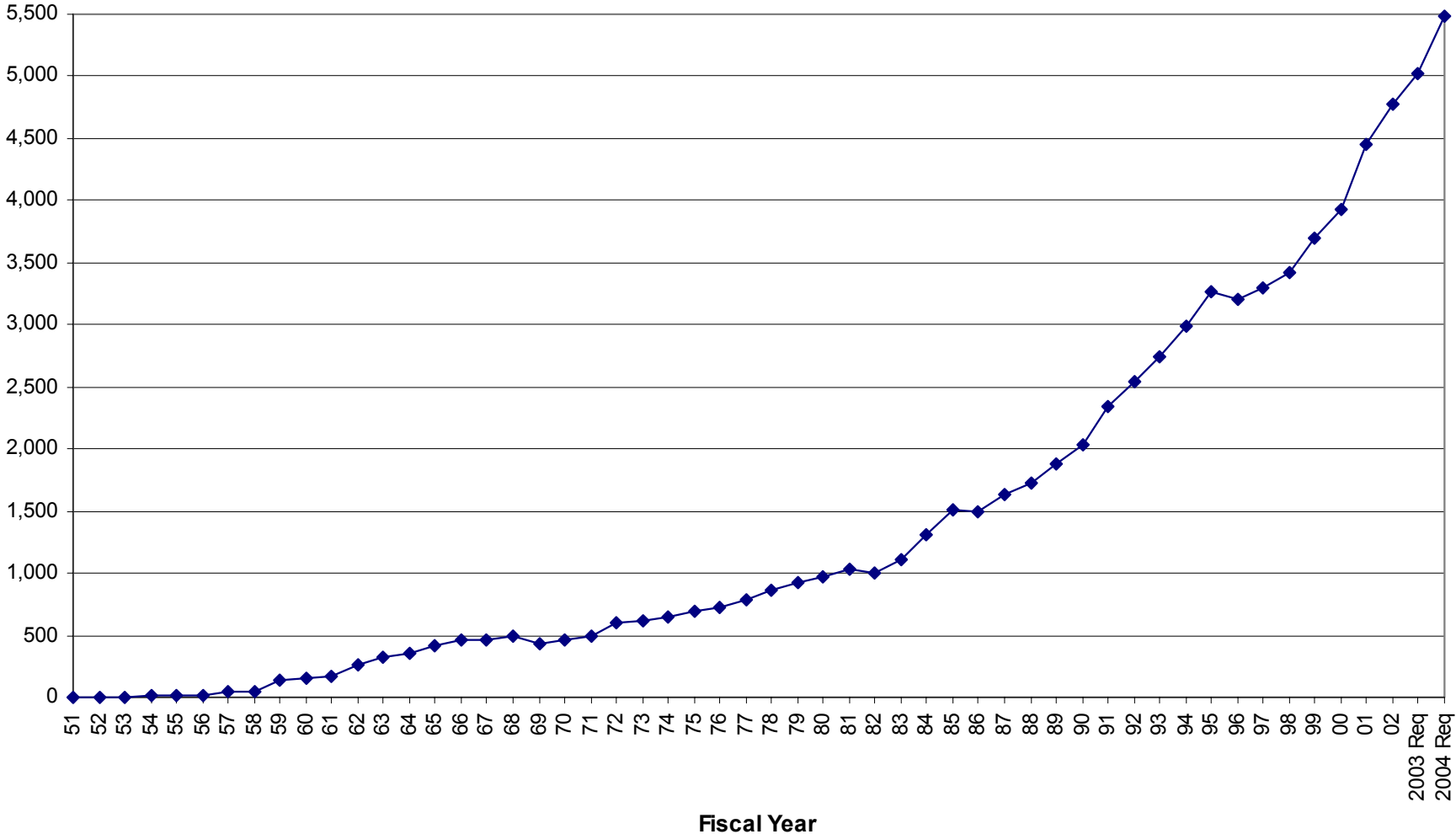
NSF Complete Budget History by Account

In Millions of Current Dollars



NSF Complete Budget History

In Millions of Current Dollars

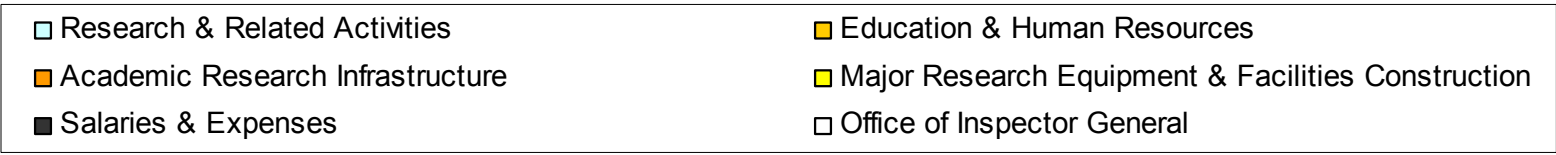
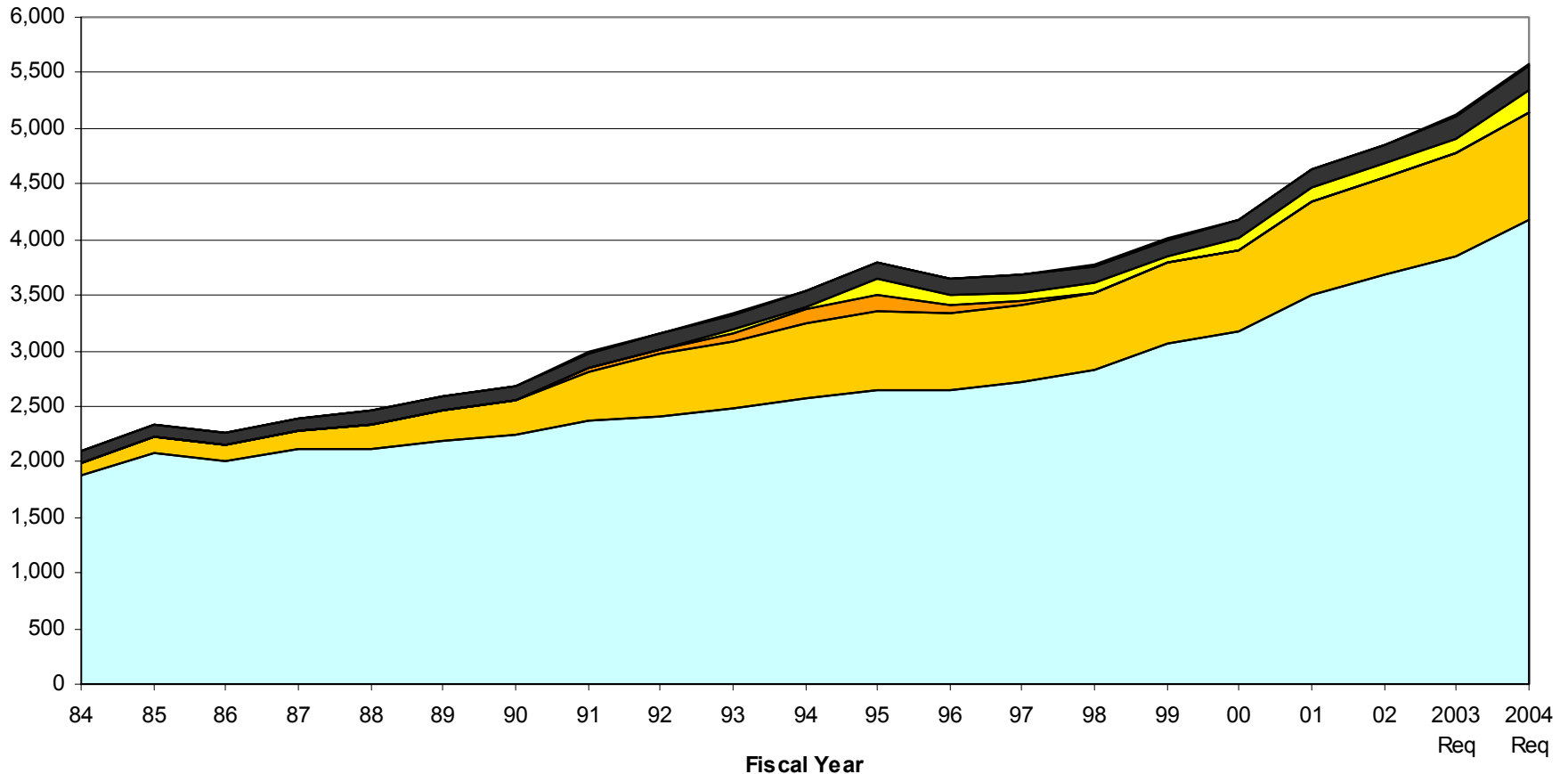


NSF By Account
(FY Actuals - FY 2003 Constant Dollars in Millions)

| Fiscal Year | Research & Related Activities | Education & Human Resources | Academic Research Infrastructure | Major Research Equipment & Facilities Construction | Salaries & Expenses | Office of Inspector General | NSF |
|-------------|-------------------------------|-----------------------------|----------------------------------|--|---------------------|-----------------------------|---------|
| 51 | 0.2 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.9 |
| 52 | 8.5 | 9.3 | 0.0 | 0.0 | 3.2 | 0.0 | 20.9 |
| 53 | 12.7 | 8.3 | 0.0 | 0.0 | 5.2 | 0.0 | 26.2 |
| 54 | 26.4 | 11.1 | 0.0 | 0.0 | 9.0 | 0.0 | 46.5 |
| 55 | 51.4 | 12.1 | 0.0 | 0.0 | 9.0 | 0.0 | 72.4 |
| 56 | 61.0 | 19.9 | 0.0 | 0.0 | 9.5 | 0.0 | 90.3 |
| 57 | 119.7 | 77.9 | 0.0 | 0.0 | 12.8 | 0.0 | 210.4 |
| 58 | 144.7 | 101.5 | 0.0 | 0.0 | 15.5 | 0.0 | 261.8 |
| 59 | 345.1 | 318.9 | 0.0 | 0.0 | 27.4 | 0.0 | 691.3 |
| 60 | 454.5 | 327.9 | 0.0 | 0.0 | 33.5 | 0.0 | 815.8 |
| 61 | 527.4 | 321.8 | 0.0 | 0.0 | 38.4 | 0.0 | 887.6 |
| 62 | 869.2 | 394.2 | 0.0 | 0.0 | 45.0 | 0.0 | 1,308.5 |
| 63 | 1,083.8 | 450.5 | 0.0 | 0.0 | 53.8 | 0.0 | 1,588.1 |
| 64 | 1,174.3 | 502.0 | 0.0 | 0.0 | 59.0 | 0.0 | 1,735.2 |
| 65 | 1,358.2 | 579.0 | 0.0 | 0.0 | 63.1 | 0.0 | 2,000.4 |
| 66 | 1,547.0 | 585.2 | 0.0 | 0.0 | 61.6 | 0.0 | 2,193.8 |
| 67 | 1,495.0 | 562.8 | 0.0 | 0.0 | 64.1 | 0.0 | 2,121.9 |
| 68 | 1,542.0 | 593.2 | 0.0 | 0.0 | 67.7 | 0.0 | 2,202.9 |
| 69 | 1,233.8 | 518.6 | 0.0 | 0.0 | 69.5 | 0.0 | 1,821.9 |
| 70 | 1,263.6 | 504.8 | 0.0 | 0.0 | 78.6 | 0.0 | 1,847.1 |
| 71 | 1,404.6 | 399.3 | 0.0 | 0.0 | 82.8 | 0.0 | 1,886.7 |
| 72 | 1,752.6 | 340.5 | 0.0 | 0.0 | 89.2 | 0.0 | 2,182.3 |
| 73 | 1,806.8 | 216.5 | 0.0 | 0.0 | 99.5 | 0.0 | 2,122.8 |
| 74 | 1,731.7 | 262.1 | 0.0 | 0.0 | 102.8 | 0.0 | 2,096.5 |
| 75 | 1,710.2 | 217.8 | 0.0 | 0.0 | 111.4 | 0.0 | 2,039.4 |
| 76 | 1,703.2 | 171.7 | 0.0 | 0.0 | 116.1 | 0.0 | 1,990.9 |
| 77 | 1,717.8 | 189.8 | 0.0 | 0.0 | 116.4 | 0.0 | 2,024.0 |
| 78 | 1,757.6 | 176.7 | 0.0 | 0.0 | 116.5 | 0.0 | 2,050.8 |
| 79 | 1,752.0 | 177.9 | 0.0 | 0.0 | 121.2 | 0.0 | 2,051.1 |
| 80 | 1,700.6 | 162.7 | 0.0 | 0.0 | 118.4 | 0.0 | 1,981.6 |
| 81 | 1,667.9 | 140.2 | 0.0 | 0.0 | 109.7 | 0.0 | 1,917.8 |
| 82 | 1,575.0 | 45.4 | 0.0 | 0.0 | 109.4 | 0.0 | 1,729.8 |
| 83 | 1,679.9 | 38.1 | 0.0 | 0.0 | 108.9 | 0.0 | 1,827.0 |
| 84 | 1,883.6 | 100.7 | 0.0 | 0.0 | 106.0 | 0.0 | 2,090.3 |
| 85 | 2,081.7 | 140.2 | 0.0 | 0.0 | 111.4 | 0.0 | 2,333.3 |
| 86 | 2,010.2 | 138.6 | 0.0 | 0.0 | 108.6 | 0.0 | 2,257.4 |
| 87 | 2,118.7 | 161.7 | 0.0 | 0.0 | 114.4 | 0.0 | 2,394.8 |
| 88 | 2,110.5 | 223.4 | 0.0 | 0.0 | 120.3 | 0.0 | 2,454.2 |
| 89 | 2,195.9 | 266.2 | 0.0 | 0.0 | 125.2 | 0.0 | 2,587.4 |
| 90 | 2,243.3 | 304.7 | 0.5 | 0.0 | 127.4 | 3.1 | 2,679.0 |
| 91 | 2,378.0 | 422.4 | 49.7 | 0.0 | 128.8 | 3.7 | 2,982.6 |
| 92 | 2,406.7 | 569.8 | 41.4 | 0.0 | 136.4 | 4.8 | 3,159.1 |
| 93 | 2,478.8 | 611.8 | 60.3 | 41.3 | 134.3 | 4.5 | 3,330.8 |
| 94 | 2,571.0 | 674.7 | 124.9 | 20.2 | 146.4 | 4.6 | 3,541.9 |
| 95 | 2,647.7 | 710.1 | 136.3 | 146.2 | 149.7 | 5.2 | 3,795.3 |
| 96 | 2,648.6 | 684.0 | 80.7 | 79.6 | 150.8 | 4.5 | 3,648.2 |
| 97 | 2,716.4 | 691.0 | 33.5 | 85.0 | 149.9 | 5.9 | 3,681.6 |
| 98 | 2,831.2 | 696.8 | 0.0 | 86.1 | 150.7 | 5.3 | 3,770.0 |
| 99 | 3,065.1 | 719.7 | 0.0 | 61.6 | 156.5 | 5.9 | 4,008.8 |
| 00 | 3,171.7 | 727.6 | 0.0 | 111.8 | 158.9 | 6.0 | 4,175.9 |
| 01 | 3,508.3 | 827.5 | 0.0 | 124.0 | 173.0 | 6.8 | 4,639.7 |
| 02 | 3,681.0 | 881.7 | 0.0 | 117.4 | 173.0 | 6.8 | 4,859.9 |
| 2003 Req | 3,851.2 | 924.4 | 0.0 | 128.6 | 206.6 | 7.8 | 5,118.6 |
| 2004 Req | 4,180.2 | 954.9 | 0.0 | 206.0 | 229.8 | 8.9 | 5,579.8 |

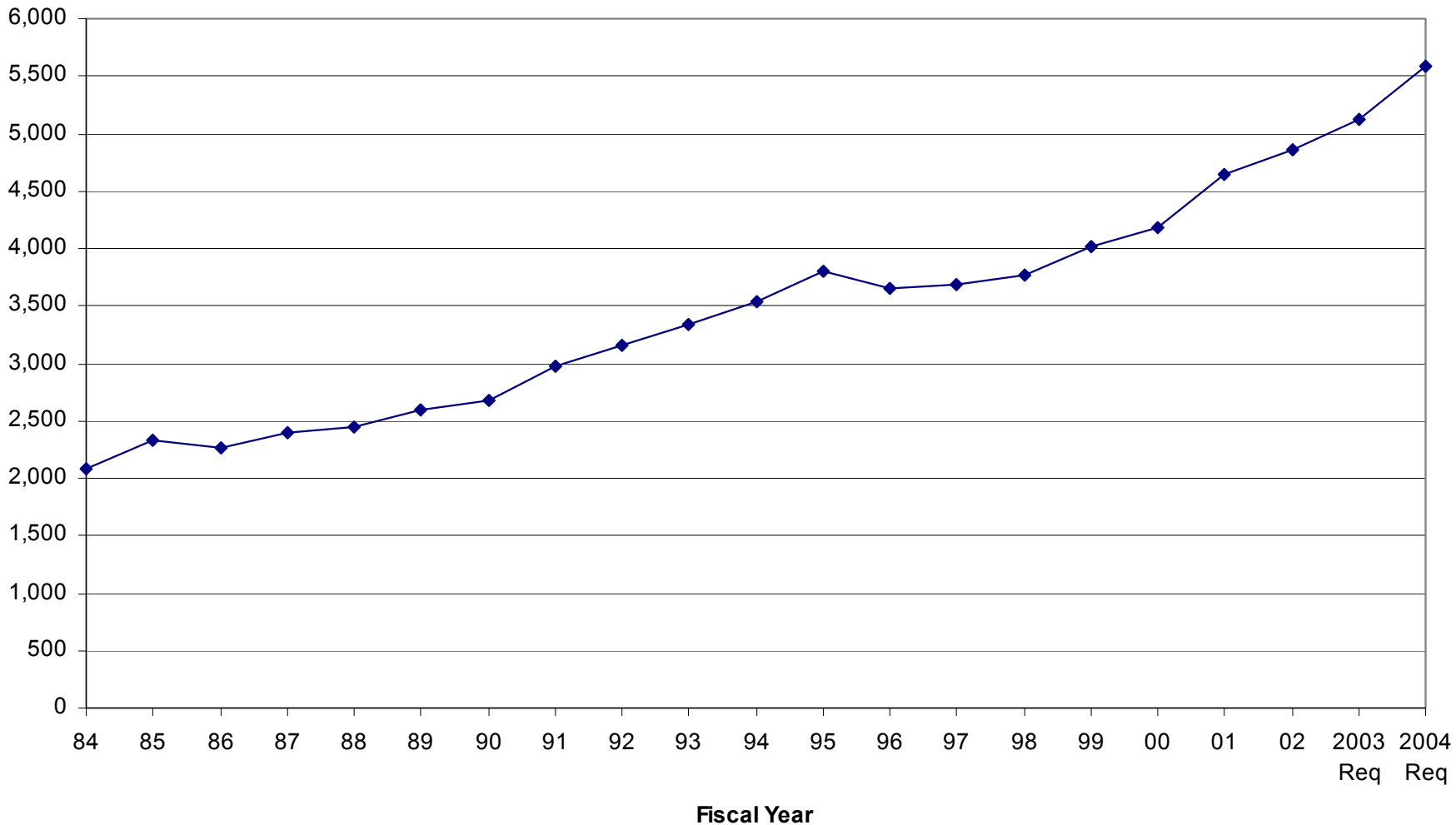
NSF Twenty Year Budget by Account

In Millions of Constant FY 2003 Dollars



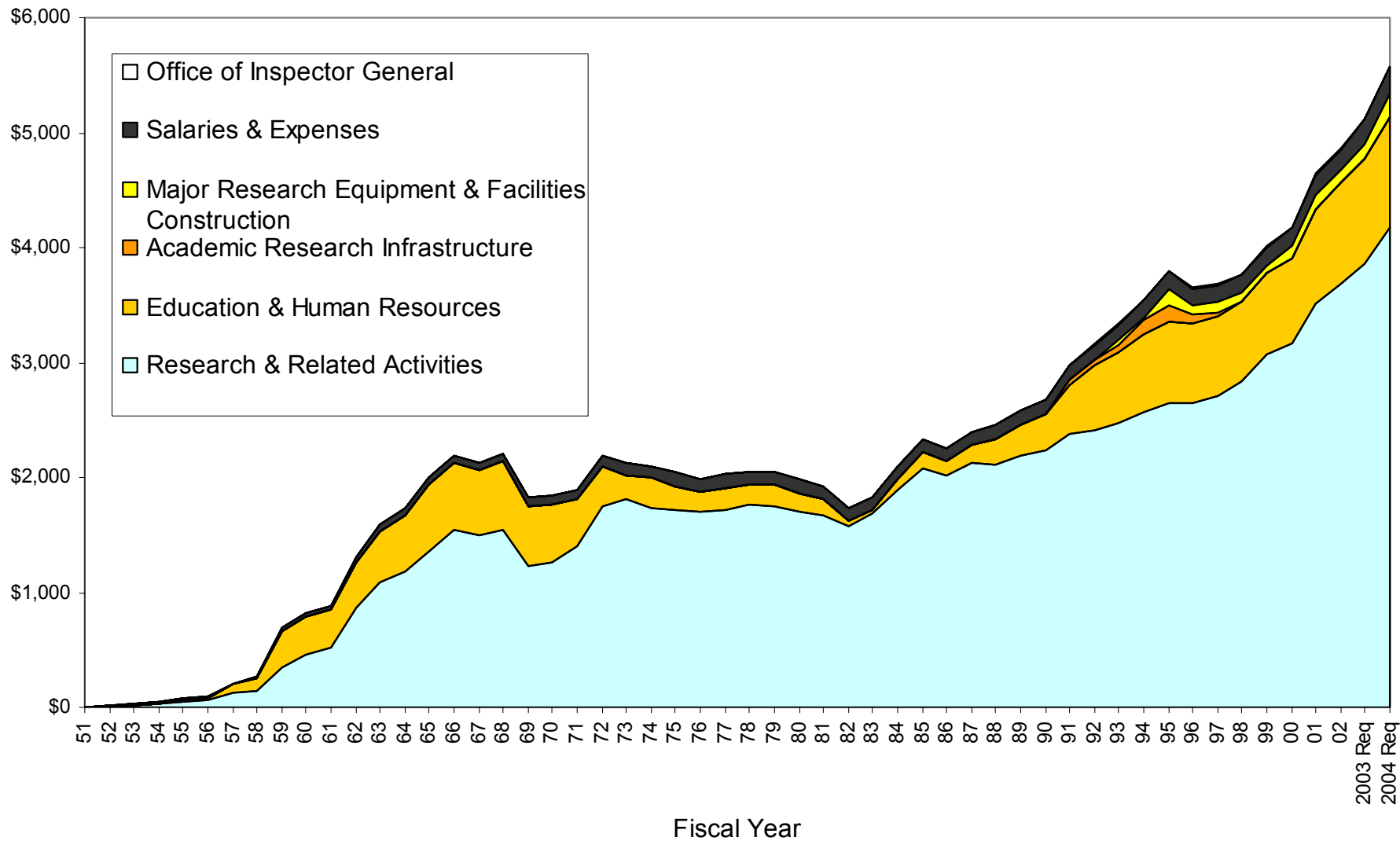
NSF Twenty Year Budget History

In Millions of Constant FY 2003 Dollars



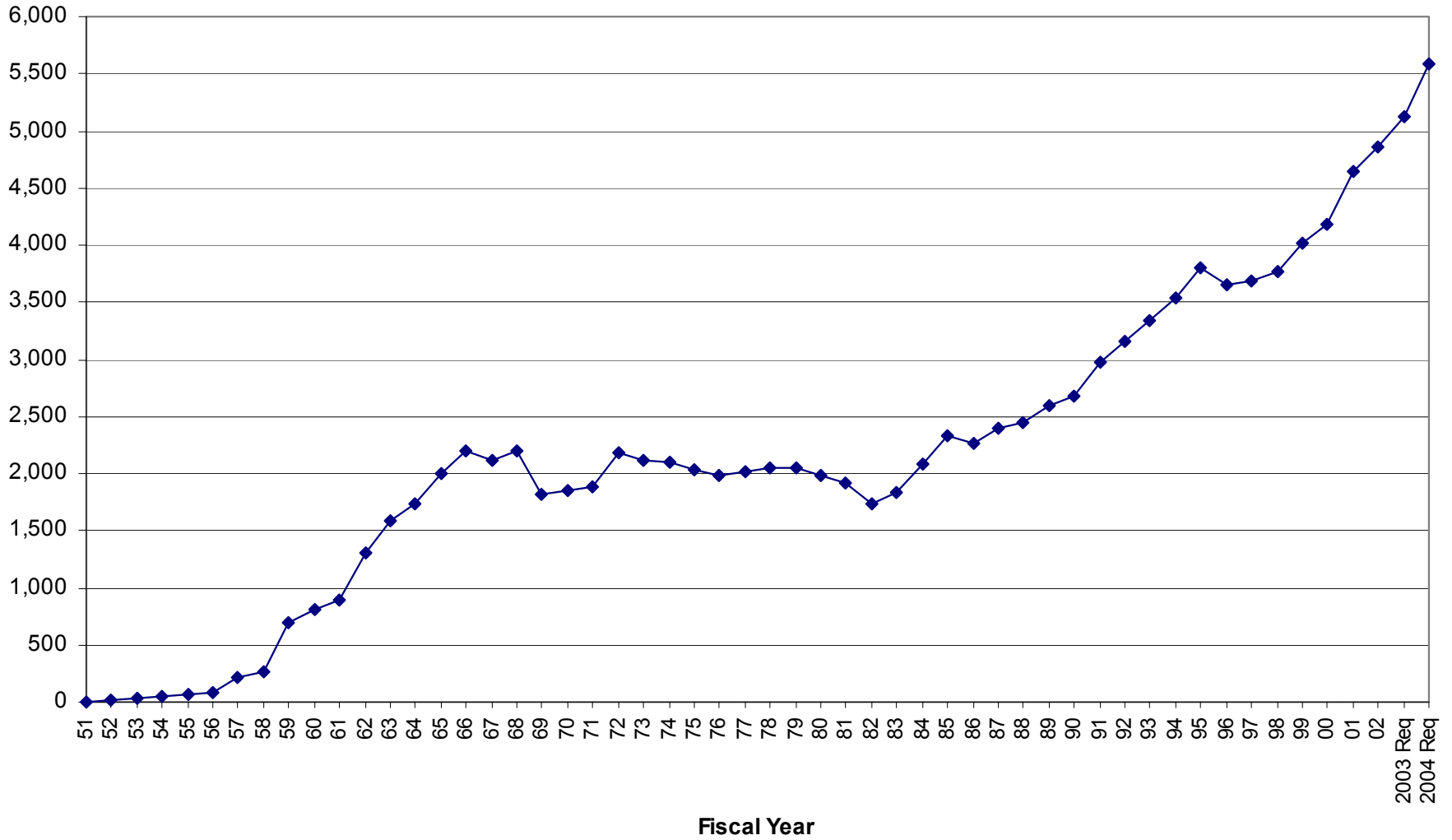
NSF Complete Budget History by Account

In Millions of Constant FY 2003 Dollars



NSF Complete Budget History

In Millions of Constant FY 2003 Dollars



Centers Supported by NSF in FY 2002

| Center | Institution | State |
|---|---------------------------------|-------|
| Engineering Research Centers | | |
| Advanced Engineering Fibers and Films | Clemson U | SC |
| Bioengineering Educational Technology | Vanderbilt U | TN |
| Biotechnology Process Engineering | Mass Institute of Tech | MA |
| Computer-Integrated Surgical Systems and Technologies | Johns Hopkins U | MD |
| Engineered Biomaterials | U of Washington | WA |
| Engineering of Living Tissue | Georgia Institute of Tech | GA |
| Environmentally Benign Semiconductor Manufacturing | U of Arizona | AZ |
| Integrated Media Systems | U of Southern California | CA |
| Low Cost Electronic Packaging | Georgia Institute of Tech | GA |
| Marine Bioproducts Engineering | U of Hawaii | HI |
| Neuromorphic Systems Engineering | California Institute of Tech | CA |
| Particle Science & Technology | U of Florida | FL |
| Power Electronic Systems | Virginia Tech U | VA |
| Reconfigurable Machining Systems | U of Michigan | MI |
| Subsurface Sensing and Imaging Systems | Northeastern U | MA |
| Wireless Integrated MicroSystems | U of Michigan | MI |
| Engineering Research Groups | | |
| Nano Modeling and Simulation Groups: | | |
| Computational Nano-Engineering for Patterned Magnetic Nanostructures | Stanford U | CA |
| Evolution of Nanoscale Film Morphology | Kansas State U | KA |
| Molecular Nanoelectronics: Simulation from Molecules to Circuits | Purdue U | IN |
| Molecular Transport in Nanostructured Materials | U of Delaware | DE |
| Nanoengineered Materials: Polymer Composites to Structured Adsorbents | U of Pittsburgh | PA |
| Nanoscale Modeling of Flow of Macromolecules through Microfluidic Devices | U of Wisconsin-Madison | WI |
| Nanoscale Simulation by Quantum Computation | Mass Institute of Tech | MA |
| XYZ-on-a-Chip Groups: | | |
| Assembly of Integrated Near-field Optical Microfluidic Devices by Thin-film Transfer and Micromachining of Teflon, Group-III Nitrides and Silicon | U of California-Berkeley | CA |
| Biomolecular Motor/Nanotube Integration for Actuator Nanotechnology | U of North Carolina-Chapel Hill | NC |
| Cellular Electrophysiology on a Chip | U of Missouri-Columbia | MO |
| Development and Fabrication of Three-Dimensional Microdevices | Boston College | MA |
| Large Area Biosensing Electronics | Carnegie Mellon U | PA |
| Micromachined Magnetically Reconfigurable Frequency Selective Surfaces | U of California-Los Angeles | CA |
| A Nanomaterials/Nanoelectrochemical Route for Communication Between Biochemical Processes and IC Chips | U of Florida | FL |

| | | |
|---|-------------------------------|----|
| Patterning Flow at the Microscale: Open Architecture Design for Integrated Fluidic Chips | Princeton U | NJ |
| UV Fluorescence/Absorption Micro-Analysis System | Texas Tech U | TX |
| Science and Technology Centers | | |
| Adaptive Optics | U of California-Santa Cruz | CA |
| Advanced Materials for Water Purification | U of Illinois | IL |
| Behavioral Neuroscience | Emory U | GA |
| Biophotonics Science and Technology | U of California-Davis | CA |
| Earth Surface Dynamics | U of Minnesota | MN |
| Embedded Networked Sensing | U of California-Los Angeles | CA |
| Environmentally Responsible Solvents and Processes | U of North Carolina | NC |
| Integrated Space Weather Modeling | Boston U | MA |
| Materials and Devices for Information Technology Research | U of Washington | WA |
| Nanobiotechnology | Cornell U | NY |
| Sustainability of Semi-Arid Hydrology and Riparian Areas | U of Arizona | AZ |
| Industry/University Cooperative Research Centers | | |
| Advanced Electron Devices and Systems | Texas A&M U | TX |
| Advanced Vehicle Electronics | Auburn U | AL |
| Aseptic Processing and Packaging Studies | North Carolina State U | NC |
| Berkeley Sensor & Actuator Center | U of California-Berkeley | CA |
| Biocatalysis | Polytechnic U of NY | NY |
| Bioinstrumentation | U of New Hampshire | NH |
| Biomedical Devices | Colorado School of Mines | CO |
| Building Environment | U of California-Berkeley | CA |
| Building Performance and Diagnostics | Carnegie Mellon U | PA |
| Center for Advanced Manufacturing & Packaging of Microwave, Optical, and Digital Electronics | U of Colorado-Boulder | CO |
| Center for Communications and Advanced Computing | North Carolina State U | NC |
| Center for Microengineered Ceramics | U of New Mexico | NM |
| Center for Particulate Materials | Penn State U | PA |
| Center for Pharmaceutical Processing Research | Purdue U | IN |
| Center in Ergonomics | Texas A&M U | TX |
| Composites | Ohio State U | OH |
| Computer Technology | U of California-Irvine | CA |
| Cooperative Research Center in Coatings | Eastern Michigan U | MI |
| Design of Analog-Digital Integrated Circuits | Washington State U | WA |
| Dielectric Studies | Pennsylvania State U | PA |
| Digital Video | Rensselaer Polytechnic Inst | NY |
| Engineering Tribology | Northwestern U | IL |
| Fundamentals and Applications of Photopolymerizations | U of Iowa | IA |
| Glass Research | Alfred U | NY |
| Health Management Research | U of Washington | WA |
| Information Management | U of Arizona | AZ |
| Intelligent Maintenance | U of Wisconsin-Milwaukee | MI |
| IUCRC for Biosurfaces | State U of New York-Buffalo | NY |
| Machine Tools Systems | U of Illinois | IL |
| Measurement and Control Engineering Center | U of Tennessee | TN |
| Membrane Applied Science and Technology | U of Colorado-Boulder | CO |
| Metrology | U of North Carolina-Charlotte | NC |

| | | |
|---|--|----|
| Microcontamination Control | U of Arizona | AZ |
| Nondestructive Evaluation | Iowa State U | IA |
| Optical Circuitry Cooperative | U of Arizona | AZ |
| Photopolymerization | U of Iowa | IA |
| Power Systems Engineering | Cornell U | NY |
| Quality and Reliability | Rutgers U | NJ |
| Reinforcing Composites | U of Missouri-Rolla | MO |
| Silicon | North Carolina State U | NC |
| Software Engineering Research Center | Purdue U | IN |
| Surfactants | Columbia U | NY |
| Tree Genetics | Oregon State U | OR |
| Virtual Proving Ground | U of Iowa | IA |
| Water Quality | U of Arizona | AZ |
| Wireless Reliability | U of Oklahoma | OK |
| State/Industry/University Cooperative Research Centers | | |
| Advanced Friction Studies | Southern Illinois U | IL |
| Industrial Sensors and Measurement | Ohio State U | OH |
| Low Power Electronics | U of Arizona/Arizona State U | AZ |
| Centers of Research Excellence in Science and Technology | | |
| Advanced Materials and Smart Structures | North Carolina A&T U | NC |
| Computer Science | Jackson State U | MS |
| Distributed Computing Theory, Development and Applications | Florida A&M/Florida International U | FL |
| Environmental Science | Cal State U-Los Angeles | CA |
| Environmental Sustainability of Semi-Arid Coastal Areas | Texas A&M U - Kingsville | TX |
| Innovative Manufacturing of Advanced Materials | Tuskegee Institute | AL |
| Materials Science | Norfolk State U | VA |
| Mesosopic Modeling and Simulation | City U of NY-City College | NY |
| Systems Science Research | Tennessee State U | TN |
| Theoretical Studies of Physical Systems | Clark Atlanta U | GA |
| Tropical Applied Ecology and Conservation | U of Puerto Rico-Rio Piedros | PR |
| Plant Genome Virtual Centers | | |
| A Protein Interaction Database for Rice Protein Kinases | U of Nebraska-Lincoln | NE |
| Chromatin-based Control of Gene Expression | U of Arizona | AZ |
| Colinearity of Maize and Sorghum | Rutgers U | NJ |
| Comparative and Functional Genomics of Tomato | Cornell U | NY |
| Comparative Evolutionary Genomics of Cotton | Iowa State U | IA |
| Comparative Genomics of Disease Resistance Genes | U of California-Davis | CA |
| Dissecting Phytophthora Resistance in Soybean using Expression Profiling and Analysis of Quantitative Trait Loci | VA Polytechnic Inst & St U | VA |
| Evolutionary Genomics of Maize | U of Wisconsin | WI |
| Functional Genomics of Hemicellulose Biosynthesis | Michigan State U | MI |
| Functional Genomics of Maize Centromeres | U of Georgia | GA |
| Gene Inventory and Function of the Model Legume | U of California-Davis | CA |
| Genetic, Physical and Database Resources for Maize | U of Missouri | MO |
| Genomics of Plant Stress Tolerance | U of Illinois | IL |
| Grass Genome Biodiversity | U of Georgia | GA |
| Identification and Characterization of Cell Wall Mutants in Maize and Arabidopsis using Novel Spectroscopies | Purdue University | IN |
| Integrative Functional Genomic Resource Development in | U of Nevada-Reno | NV |

| | | |
|--|--|-------|
| Vitis vinifera: Abiotic Stress and Wine Quality | | |
| Maize Gene Discovery, Sequencing and Analysis | Stanford U | CA |
| Plant Genes Involved in Transformation | Purdue U | IN |
| Structure and Function of Wheat Genomes | U of California | CA |
| Systematic Transposon Mutagenesis of the Maize Gene | Cold Spring Harbor Lab | NY |
| The Floral Genome Project | Penn State U | PA |
| Tools for Potato Structural and Functional Genomics | U of California-Berkeley | CA |
| Materials Centers | | |
| Advanced Carbon Materials Center | U of Kentucky | KY |
| Center for Complex Materials | Princeton U | NJ |
| Center for Materials for Information Science | U of Alabama | AL |
| Center for Materials Research | Cornell U | NY |
| Center for Materials Science and Engineering | Mass Institute of Tech | MA |
| Center for Micro- and Nanomechanics of Materials | Brown U | RI |
| Center for Nanoscopic Materials Design | U of Virginia | VA |
| Center for Nanomagnetic Structures | U Nebraska | NE |
| Center for Nanoscale Science | Pennsylvania State U | PA |
| Center for Nanostructured Materials | U of Wisconsin | WI |
| Center on Nanostructured Materials | Johns Hopkins U | MD |
| Center for Oxide Thin Films, Probes and Surfaces | U of Maryland | MD |
| Center for Polymer Science and Engineering | U of Massachusetts | MA |
| Center for Polymers at Engineered Interfaces | SUNY-Stony Brook/ CUNY/ Polytechnic U | NY |
| Center for Polymer Interfaces and Macromolecular Assemblies | Stanford U/ UC-Davis/IBM | CA |
| Center for Response-Driven Polymeric Films | U Southern Mississippi | MS |
| Center for Science and Engineering of Materials | California Institute of Tech | CA |
| Center for Semiconductor Physics in Nanostructures | U of Oklahoma/ U of Arkansas | OK,AR |
| Center for Sensor Materials | Michigan State U | MI |
| Center for Thermal Spray Research | SUNY-Stoney Brook | NY |
| Ferroelectric Liquid Crystals Materials Research Center | U of Colorado-Boulder | CO |
| Laboratory for Research on the Structure of Matter | U of Pennsylvania | PA |
| Materials Research Center | U of Chicago | IL |
| Materials Research Center | Harvard U | MA |
| Materials Research Center | Northwestern U | IL |
| Materials Research Science and Engineering Center | U of California-Santa Barbara | CA |
| Materials Research Science and Engineering Center | U of Minnesota | MN |
| Materials Research Science and Engineering Center | Carnegie Mellon U | PA |
| Center for Ecological Analysis and Synthesis | U of California-Santa Barbara | CA |
| Long Term Ecological Research Sites | | |
| Arctic Tundra: Toolik Field Station | Marine Biological Lab | MA |
| Bonanza Creek Experimental Forest | U of Alaska | AK |
| Cedar Creek Natural History Area | U of Minnesota | MN |
| Central Arizona-Phoenix Urban LTER | Arizona State U | AZ |
| Coweeta Hydrologic Laboratory | U of Georgia | GA |
| Florida Coastal Everglades | Florida International U | FL |
| Georgia Coastal Ecosystems | U of Georgia | GA |
| H.J. Andrews Experimental Forest | Oregon State U | OR |
| Harvard Forest | Harvard U | MA |
| Hubbard Brook Experimental Forest | Syracuse U | NY |

| | | |
|---|--------------------------------|----|
| Jornada Experimental Range | Duke U | NC |
| Kellogg Biological Station | Michigan State U | MI |
| Konza Prairie Research Natural Area | Kansas State U | KA |
| Luquillo Experimental Forest | U of Puerto Rico-Rio Piedros | PR |
| McMurdo Dry Valleys, Antarctica | Desert Research Institute | NV |
| Metropolitan Baltimore Urban LTER | Institute of Ecosystem Studies | MD |
| Niwot Ridge-Green Lakes Valley | U of Colorado | CO |
| North Temperate Lakes | U of Wisconsin | WI |
| Palmer Station, Antarctica | U of California | CA |
| Plum Island Sound | Woods Hole | MA |
| Santa Barbara Coastal LTER | U of California-Santa Barbara | CA |
| Sevilleta National Wildlife Refuge | U of New Mexico | NM |
| Shortgrass Steppe | Colorado State U | CO |
| Virginia Coast Reserve | U of Virginia | VA |
| Earthquake Engineering Research Centers | | |
| Mid-America Earthquake Center | U of Illinois-Champaign-Urbana | IL |
| Multidisciplinary Center for Earthquake Engineering Research | State U of NY-Buffalo | NY |
| Pacific Earthquake Engineering Research Center | U of California-Berkeley | CA |
| Chemistry Centers | | |
| Chemical and Microbial Interactions at Environmental Interfaces | Stanford U | CA |
| Chemical Sources and Sinks at Liquid/Solid Interfaces | Columbia U | NY |
| Environmental Redox-Mediated Dehalogenation Chemistry | Johns Hopkins U | MD |
| Fundamental Studies of Nonparticle Formation in Air Pollution | Worcester Polytechnic Inst | MA |
| Institute for Environmental Bioinorganic Chemistry | Princeton U | NJ |
| Institute for Environmental Catalysis | Northwestern U | IL |
| Laboratory for Molecular Sciences | California Institute of Tech | CA |
| Molecular Environmental Chemistry of Mn Oxide Biomineralization | U of California-San Diego | CA |
| Molecular Isotopic Tools for Environmental Research | Woods Hole | MA |
| Molecular Level Analysis of Macromolecule-Surface Interactions in Bacterial Adhesion | Penn State U | PA |
| Molecular Structure and Microstructure of PM2.5 Derived from Stationary and Mobile Fossil Fuel Sources | U of Kentucky | KY |
| Role of Environmental Molecular Interfaces on the Chemical and Biological Reactivity of Pollutants | Ohio State U | OH |
| Moderate Resolution Protein Structures by Chemical Cross-Linking and Mass Spectrometry | U of California-San Francisco | CA |
| Center for Environmental Molecular Science (CEMS) | SUNY-Stony Brook | NY |
| Role of Environmental Molecular Interfaces on the Chemical and Biological Reactivity of Pollutants | Ohio State U | OH |
| Actinides and Heavy Metals in the Environment - The Formation, Stability, and Impact of Nano- and Micro-Particles | U of Notre Dame | IN |
| Atom and Group Transfer Reactions: A Combined Synthetic, Structural, Theoretical, Kinetic, and Solution | Mass Institute of Tech | MA |

| | | |
|--|--------------------------------|----|
| Calorimetry Investigation | | |
| Next Generation Aromatics | U of Georgia | GA |
| Multi-dimensional Molecular Metals, Crystal Design, and Superconductivity | Cornell U | NY |
| An Integrated Approach to Understanding the Air-Water Interface in Atmospherically Relevant Systems | U of California-Irvine | CA |
| Micro Imaging for Sensory and Materials Applications | Mass Institute of Tech | MA |
| Mathematical Sciences Research Institutes | | |
| American Institute of Mathematics | Palo Alto | CA |
| Institute for Mathematics and Its Applications | U of Minnesota | MN |
| Institute for Pure and Applied Mathematics | U of California-LA | CA |
| Mathematical Biosciences Institute | Ohio State U | OH |
| Mathematical Sciences Research Institute | Berkeley | CA |
| Statistical and Applied Mathematical Sciences Institute | Duke U | NC |
| Information Technology Centers | | |
| A Mobile Sensor Web for Polar Ice Sheet Measurements | U of Kansas | KS |
| Active Information Spaces Based on Ubiquitous Computing | U of Illinois-Champaign-Urbana | IL |
| Adaptable Voice Translation for Minority Languages | Carnegie Mellon U | PA |
| Adaptive Software for Field-driven Simulations | Cornell U-Endowed | NY |
| An Ensemble Approach to Data Assimilation in the Earth Sciences | Mass Institute of Tech | MA |
| An International Virtual-Data Grid Laboratory for Data Intensive Science | U of Florida | FL |
| Building the Framework of the National Virtual Observatory | Johns Hopkins U | MD |
| Capturing, Coordinating and Remembering Human Experience | Carnegie Mellon U | PA |
| Center for Applied Algorithms | Carnegie Mellon U | PA |
| Center for Bits and Atoms | Mass Institute of Tech | MA |
| Center for Computational Biophysics | U of California - San Diego | CA |
| Cognitive and Social Design of Robotic Assistants | Carnegie Mellon U | PA |
| Collaborative Research: Modular Ocean Data Assimilation | Oregon State U | OR |
| Computational Geometry for Structural Biology and Bioinformatics | Duke U | NC |
| Computational Infrastructure for Microfluidic Systems with Applications to Biotechnology | U of California-Santa Barbara | CA |
| Computational Learning and Discovery in Biological Sequence, Structure and Function Mapping | Carnegie Mellon U | PA |
| Computational Logic Tools for Research and Education | Stanford U | CA |
| Computational Tools for Modeling, Visualizing and Analyzing Historic and Archaeological Sites | Columbia U | NY |
| Creating the Next Generation of Intelligent Animated Conversational Agents | U of Colorado-Boulder | CO |
| Data Centers - Managing Data with Profiles | Brown U | RI |
| Design and Simulation of Biologically-inspired Nanolattice | U of Florida | FL |
| Design Conformant Software | Mass Institute of Tech | MA |
| Digital Clay for Shape Input and Display | GA Tech Res Corp-GIT | GA |
| Discrete Models & Algorithms in the Sciences | U of California-Berkeley | CA |
| Dynamic Cooperative Performance Optimization | U of Massachusetts-Amherst | MA |

| | | |
|--|---------------------------------|----|
| Enabling the Science Environment for Ecological Knowledge | U of New Mexico | NM |
| Flexible Environments for Grand-Challenge Climate Simulation | U of Chicago | IL |
| Foundations of Hybrid and Embedded Software Systems | U of California - Berkeley | CA |
| Foundations of Solid-State Quantum Information Processing | U of Urbana-Champaign | IL |
| FrameNet++: An On-Line Lexical Semantic Resource and its Application to Speech & Language Understanding | Int'l Computer Sci Inst | CA |
| From Bits to Information: Statistical Learning Technologies for Digital Information Management and Search | Mass Institute of Tech | MA |
| From the Web to the Global InfoBase | Stanford U | CA |
| The GriPhyN Project: Towards Peta-Scale Virtual Data Grids | U of Florida | FL |
| Heterogeneous System Integration in System-on-a-Chip Designs | U of Washington | WA |
| Hierarchical and Reconfigurable Schemes for Distributed Control over Heterogeneous Network | U of Illinois-Champaign-Urbana | IL |
| High-Speed Wavelength-Agile Optical Networks | U of Urbana-Champaign | IL |
| Institute for Quantum Information | California Institute of Tech | CA |
| Interacting with the Visual World: Capturing, Understanding, and Predicting Appearance | Columbia U | NY |
| Interaction and Participation in Integrated Land Use, Transportation, and Environmental Modeling | U of Washington | WA |
| Investigation of a Model for Online Resource Creation and Sharing in Educational Settings | Michigan State U | MI |
| Latent Semantic Analysis: Theory and Technology | U of Colorado-Boulder | CO |
| Learning-Centered Design Methodology: Meeting the Nation's Need for Computational Tools for K-12 Science Education | U of Michigan-Ann Arbor | MI |
| Low Frequency Array (LOFAR) - A Digital Radio Telescope | Northeast Radio Obs Corp | MA |
| Methodologies and Tools for Designing and Implementing Large Scale Real-Time Systems | Vanderbilt U | TN |
| Molecular Computation in Ciliates | Princeton U | NJ |
| Multilingual Access to Large Spoken Archives | Suv of the Shoah Vis His F | CA |
| Multimodal Human Computer Interaction: Toward a Proactive Computer | U of Illinois-Champaign-Urbana | IL |
| A Multiresolution Analysis for the Global Internet | U of Wisconsin-Madison | WI |
| New Approached to Human Capital Development through Information Technology Research | Northeastern U | MA |
| The Open Source Quality Project | U of California-Berkeley | CA |
| Personalized Spatial Audio via Scientific Computing and Computer Vision | U of Maryland-College Park | MD |
| A Petabyte in Your Pocket | U of Wisconsin-Madison | WI |
| Procedural Representation and Visualization Enabling Personalized Computational Fluid Dynamics | Purdue U | IN |
| Quality-Scalable Information Flow Systems for Environmental Observation and Forecasting | Oregon Health Sciences U | OR |
| Quantum Computing using Electrons on Helium Films | Case Western Reserve U | OH |
| Real-Time Long-Distance Terascale Computation for | U of North Carolina-Chapel Hill | NC |

| | | |
|---|-----------------------------|----|
| Full Bandwidth Tele-Immersion | | |
| A Research Project to Create Cyberinfrastructure for the Geosciences | U of California - San Diego | CA |
| Responsive Virtual Human Technology Research | Research Triangle Inst | NC |
| Robust Large-Scale Distributed Systems | MIT | MA |
| Self-Assembly of DNA Nano-Scale Structures for Computation | Duke U | NC |
| Simulation of Flows with Dynamic Interfaces on Multi-Teraflop Computers | Carnegie-Mellon U | PA |
| Social and Economic Implications of IT: What is Really Happening? | Mass Institute of Tech | MA |
| Societal Scale Information Systems: Technologies, Design and Applications | U of California-Berkeley | CA |
| Statistical Data Mining for Cosmology | Carnegie Mellon U | PA |
| Sustainable and Generalizable Technologies to Support Collaboration in Science | U of Michigan-Ann Arbor | MI |
| Taming the Data Flood: Systems that Evolve, are Available, and Maintainable (SEAM) | U of California-Berkeley | CA |
| The Impacts of IT on Individuals and Their Organizations: Conditions of Change and Transformation. | U of California-Irvine | CA |
| The OptIPuter | U of California - San Diego | CA |
| The SCEC Community Modeling Environment: An Information Infrastructure for System-Level Earthquake Research | U of Southern California | CA |
| The System Architecture of a Computing Utility | Stanford U | CA |
| Understanding the Social Impact of the Internet: A Multifaceted Multidisciplinary Approach | U of Maryland-College Park | MD |
| Virtual Instruments: Scalable Software Instruments for the Grid | U of California-San Diego | CA |
| Visualization of Multi-Valued Scientific Data: Applying Ideas from Art and Perceptual Psychology | Brown U | RI |
| Nanoscale Science and Engineering Centers | | |
| Integrated Nanopatterning and Detection Technologies | Northwestern U | IL |
| Nanoscale Systems in Information Technologies | Cornell U | NY |
| Science of Nanoscale Systems and their Device Applications | Harvard U | MA |
| Electronic Transport in Molecular Nanostructures | Columbia U | NY |
| Nanoscience in Biological and Environmental Engineering | William Marsh Rice U | TX |
| Directed Assembly of Nanostructures | Rensselaer Polytechnic Inst | NY |
| Physics Frontiers Centers | | |
| Center for Cosmological Physics | U of Chicago | IL |
| Center for Gravitational-Wave Phenomenology | Pennsylvania State U | PA |
| Frontiers of Optical, Coherent Ultrafast Science | U of Michigan | MI |
| Center for the Study of the Origin and Structure of Matter | Hampton U | VA |
| Center for Theoretical Biological Physics | U of California-San Diego | CA |
| Research Centers on the Human Dimensions of Global Change | | |
| Center for Integrated Study of the Human Dimensions of Global Change | Carnegie Mellon U | PA |
| Center for the Study of Institutions, Population, and Environmental Change | Indiana U | IN |

National Consortium for Violence Research

Carnegie Mellon U

PA

Children's Research Centers

Children's Digital Media Center

Georgetown U

DC

North Carolina Child Development Research Collaborative

U of North Carolina

NC

Cornell Center for Research on Children

Cornell U

NY

Center for Research on Culture, Development and Education

New York University

NY