NATIONAL SCIENCE FOUNDATION EDUCATION AND HUMAN RESOURCES BY PROGRAM FY 2009 TOTAL APPROPRIATIONS

(Dollars in Millions)

| FY 2008 FY 2008 FY 2009 ARRA Actual Pin Estimate FY 2009 ARRA Actual Pin Estimate Array FY 2009 Actual Array FY 2009 Act | (Dollars ir | i wiiiions) | | | | | |
|--|--|-------------|----------|----------|----------|----------------------|---------|
| FY 2008 | | | | | | FY 2009 Total change | |
| Pr 2008 | | | EV 2000 | EV 2000 | EV 2000 | over | |
| Actual Plan Estimate Appropriations Amount Percent | | EV 2009 | | | | FY ZUU8 ACTUAL | |
| Undergraduate Education | | | | | | Amazint | Doroont |
| Curriculum, Laboratory and Instructional Development 82.68 85.41 - 85.41 2.73 3.3% | Hadayaya diyata Ediyastian | | | | | | |
| Course, Curriculum and Laboratory Improvement (CCLI) 37.28 39.21 - 39.21 1.93 5.29 National STEM Education Distributed Learning (NSDL) 15.92 16.50 - 16.50 0.58 3.69 STEM Talent Expansion Program (STEP) 29.48 29.70 - 29.70 0.22 0.89 Workforce Development 123.45 136.82 60.00 196.82 73.37 59.4% Excellence Awards in Science and Engineering (EASE) 5.57 5.20 - 5.20 - 0.37 -6.79 Robert Noyce Scholarship Program (NOYCE) 55.05 55.00 60.00 115.00 59.95 108.99 Federal Cyber Service: Scholarship for Service(Cybercorps (SFS)) 11.37 15.00 - 15.00 3.63 31.99 Advanced Technological Education (ATE) 51.46 51.62 - 51.62 0.16 0.39 Climate Change Education Program (CCE) - 10.00 - 10.00 10.00 NA Math and Science Partnership (MSP) 47.87 61.00 25.00 86.00 38.13 79.79 Graduate Education Program (GRF) 87.89 107.00 - 107.00 19.11 21.79 Graduate STEM Fellows hips (GRF) 87.89 107.00 - 107.00 19.11 21.79 Integrative Graduate Education and Research Traineeship Program (IGERT) 25.29 25.00 - 25.00 -29 -1.29 Science Masters Program - 15.00 15.00 15.00 15.00 15.00 Human Resource Development 314.037 315.00 - 31.50 17.60 5.99 Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) 12.80 13.50 - 13.50 0.70 5.59 Alliances for Graduate Education and the Professoriate (AGEP) 15.85 16.75 - 16.75 0.90 5.79 Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.39 Copportunities for Women and Persons with Disabilities 16.56 19.25 - 12.50 0.57 15.00 Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 10.00 10. | | | | \$85.00 | | | |
| National STEM Education Distributed Learning (NSDL) | | | | - | | - | |
| STEM Talent Expansion Program (STEP) | | | | - | | | |
| Excellence Awards in Science and Engineering (EASE) 5.57 5.20 - 5.20 - 0.37 - 6.79 | | | | - | | | |
| Excellence Awards in Science and Engineering (EASE) 5.57 5.20 - 5.20 - 0.37 -6.79 | . , , | | | - | | - | |
| Robert Noyce Scholarship Program (NOYCE) 55.05 55.00 60.00 115.00 59.95 108.99 Federal Cyber Service: Scholarship for Service/Cybercorps (SFS) 11.37 15.00 - 15.00 3.63 31.99 3.64 51.62 - 51.62 - 51.62 0.16 0.39 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.36 0.37 0.36 0.37 0.37 0.36 0.37 0.37 0.36 0.37 | · | | | 60.00 | | | |
| Federal Cyber Service: Scholarship for Service/Cybercorps (SFS) | 3 3 , | | | - | | | |
| Advanced Technological Education (ATE) 51.66 51.62 - 51.62 0.16 0.39 (Climate Change Education Program (CCE) - 10.00 - 10.00 N/A Math and Science Partnership (MSP) 47.67 61.00 25.00 86.00 38.13 79.7% Graduate Education Science Partnership (MSP) 47.67 61.00 25.00 86.00 38.13 79.7% Graduate Education \$159.59 \$181.50 \$150.0 \$196.50 \$36.91 23.19 Graduate Education (GK-12) 46.40 49.50 - 49.50 3.10 6.7% Integrative Graduate Education and Research Traineeship Program (IGERT) 25.29 25.00 - 25.00 -0.29 -1.29 Integrative Graduate Education and Research Traineeship Program (IGERT) 25.29 25.00 - 25.00 -0.29 -1.29 Science Masters Program - 15.00 15.00 N/A Human Resource Development \$140.37 \$154.03 \$156.05 9.7% Undergraduate Student Support 83.01 87.50 - 87.50 4.49 5.49 5.49 1.50 1.50 N/A Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) 29.74 31.50 - 87.50 4.49 5.49 1.50 1.76 5.99 1.50 1.50 N/A Program (TCUP) 12.80 13.50 - 13.50 1.76 5.99 1.50 N/A Program of Graduate Education and the Professoriate (AGEP) 15.85 16.75 - 16.75 0.90 5.79 Centers for Graduate Education and the Professoriate (AGEP) 15.85 16.75 - 16.75 0.90 5.79 Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.39 Opportunities for Women and Persons with Disabilities 10.49 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 | , , , | | | 60.00 | | | 108.9% |
| Climate Change Education Program (CCE) - 10.00 - 10.00 10.00 N/A | Federal Cyber Service: Scholarship for Service/Cybercorps (SFS) | 11.37 | 15.00 | - | 15.00 | 3.63 | 31.9% |
| Math and Science Partnership (MSP) 47.87 61.00 25.00 86.00 38.13 79.79 Graduate Education \$159.59 \$181.50 \$15.00 \$196.50 \$36.91 23.17 Graduate Research Fellowships (GRF) 87.89 107.00 - 107.00 19.11 21.79 Graduate STEM Fellows in K-12 Education (GK-12) 46.40 49.50 - 49.50 3.10 6.79 Integrative Graduate Education and Research Traineeship Program (IGERT) 25.29 25.00 - 25.00 -0.29 -1.29 Science Masters Program - - 15.00 | Advanced Technological Education (ATE) | 51.46 | 51.62 | - | 51.62 | 0.16 | 0.3% |
| Graduate Education \$159.59 \$181.50 \$15.00 \$196.50 \$36.91 23.19 Graduate Research Fellowships (GRF) 87.89 107.00 - 107.00 19.11 21.79 Graduate STEM Fellows in K-12 Education (GK-12) 46.40 49.50 - 49.50 3.10 6.79 Integrative Graduate Education and Research Traineeship Program (IGERT) 25.29 25.00 - 25.00 -0.29 -1.29 Science Masters Program - - - 15.00 15.00 15.00 N/A Human Resource Development \$140.37 \$154.03 - \$15.03 \$13.66 9.79 Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) 29.74 31.50 - 87.50 4.49 5.49 Louis Stokes Alliances for Minority Participation (LSAMP) 40.47 42.50 - 42.50 2.03 5.09 Research and Education Infrastructure 40.81 47.28 - 47.28 - 47.28 6.47 15.9% Alliances for Graduate Educ | Climate Change Education Program (CCE) | - | 10.00 | - | 10.00 | 10.00 | N/A |
| State Stat | Math and Science Partnership (MSP) | 47.87 | 61.00 | 25.00 | 86.00 | 38.13 | 79.7% |
| Graduate STEM Fellows in K-12 Education (GK-12) 46.40 49.50 - 49.50 3.10 6.79 Integrative Graduate Education and Research Traineeship Program (IGERT) 25.29 25.00 - 25.00 - 0.29 -1.29 Science Masters Program - 15.00 15.00 15.00 N/A Human Resource Development 8140.37 \$154.03 - 8154.03 \$13.66 9.79 Undergraduate/Graduate Student Support 83.01 87.50 - 87.50 4.49 5.4% Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) 29.74 31.50 - 31.50 1.76 5.99 Louis Stokes Alliances for Minority Participation (LSAMP) 40.47 42.50 - 42.50 2.03 5.09 Tribal Colleges and Universities Program (TCUP) 12.80 13.50 - 13.50 0.70 5.59 Research and Education Infrastructure 40.81 47.28 - 47.28 6.47 15.99 Alliances for Graduate Education and the Professoriate (AGEP) 15.85 16.75 - 16.75 0.90 5.79 Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.39 Opportunities for Women and Persons with Disabilities 16.56 19.25 - 19.25 2.69 16.36 ADVANCE 5.93 6.50 - 6.50 0.57 9.69 Research in Disabilities Education (RDE) 5.93 6.50 - 6.50 0.57 9.69 Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.59 Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.79 Discovery Research K-12 (DR-K12) 99.25 108.50 - 10.00 3.06 44.19 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | Graduate Education | \$159.59 | \$181.50 | \$15.00 | \$196.50 | \$36.91 | 23.1% |
| Integrative Graduate Education and Research Traineeship Program (IGERT) 25.29 25.00 - 25.00 15.00 15.00 N/A | Graduate Research Fellowships (GRF) | 87.89 | 107.00 | - | 107.00 | 19.11 | 21.7% |
| Science Masters Program - - 15.00 15.00 15.00 N/A | Graduate STEM Fellows in K-12 Education (GK-12) | 46.40 | 49.50 | - | 49.50 | 3.10 | 6.7% |
| Human Resource Development | Integrative Graduate Education and Research Traineeship Program (IGERT) | 25.29 | 25.00 | - | 25.00 | -0.29 | -1.2% |
| Undergraduate/Graduate Student Support 83.01 87.50 - 87.50 4.49 5.4% Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) 29.74 31.50 - 31.50 1.76 5.9% Louis Stokes Alliances for Minority Participation (LSAMP) 40.47 42.50 - 42.50 2.03 5.0% Tribal Colleges and Universities Program (TCUP) 12.80 13.50 - 13.50 0.70 5.5% Research and Education Infrastructure 40.81 47.28 - 47.28 6.47 15.9% Alliances for Graduate Education and the Professoriate (AGEP) 15.85 16.75 - 16.75 0.90 5.7% Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.3% Opportunities for Women and Persons with Disabilities 16.56 19.25 - 19.25 2.69 16.3% ADVANCE 0.49 1.25 - 1.25 0.76 152.6% Research in Disabilities Education (RDE) 5 | Science Masters Program | _ | - | 15.00 | 15.00 | 15.00 | N/A |
| Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) Louis Stokes Alliances for Minority Participation (LSAMP) Tribal Colleges and Universities Program (TCUP) Research and Education Infrastructure Alliances for Graduate Education and the Professoriate (AGEP) Centers for Research Excellence in Science and Technology (CREST) ADVANCE Research on Gender in Science and Engineering (GSE) Research on Learning in Formal and Informal Settings Discovery Research K-12 (DR-K12) Project and Program Evaluation on Education in Science and Engineering (REESE) Historically 31.50 - 31.50 - 42.50 2.03 5.09 12.80 13.50 - 42.00 - 42.00 - | Human Resource Development | \$140.37 | \$154.03 | - | \$154.03 | \$13.66 | 9.7% |
| Louis Stokes Alliances for Minority Participation (LSAMP) Tribal Colleges and Universities Program (TCUP) Research and Education Infrastructure Alliances for Graduate Education and the Professoriate (AGEP) Centers for Research Excellence in Science and Technology (CREST) Opportunities for Women and Persons with Disabilities ADVANCE Research in Disabilities Education (RDE) Research on Gender in Science and Engineering (GSE) Discovery Research K-12 (DR-K12) Informal Science Education (ISE) Project and Program Evaluation Research and Education in Science and Engineering (REESE) AU 40.47 42.50 - 42.50 - 42.50 13.50 - 13.50 0.70 15.85 16.75 - 16.75 - 16.75 0.90 5.79 16.37 16.56 19.25 - 19.25 - 19.25 - 19.25 - 19.25 - 19.25 0.49 1.25 - 1.25 0.76 152.69 10.13 11.50 - 11.50 1.37 13.75 13. | Undergraduate/Graduate Student Support | 83.01 | 87.50 | - | 87.50 | 4.49 | 5.4% |
| Tribal Colleges and Universities Program (TCUP) 12.80 13.50 - 13.50 0.70 5.5% Research and Education Infrastructure 40.81 47.28 - 47.28 6.47 15.9% Alliances for Graduate Education and the Professoriate (AGEP) 15.85 16.75 - 16.75 0.90 5.7% Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.3% Opportunities for Women and Persons with Disabilities 16.56 19.25 - 19.25 2.69 16.3% ADVANCE 0.49 1.25 - 1.25 0.76 152.6% Research in Disabilities Education (RDE) 5.93 6.50 - 6.50 0.57 9.6% Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.5% Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.7% Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.3% Informal S | Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) | 29.74 | 31.50 | - | 31.50 | 1.76 | 5.9% |
| Research and Education Infrastructure 40.81 47.28 - 47.28 6.47 15.9% Alliances for Graduate Education and the Professoriate (AGEP) 15.85 16.75 - 16.75 0.90 5.7% Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.3% Opportunities for Women and Persons with Disabilities 16.56 19.25 - 19.25 2.69 16.3% ADVANCE 0.49 1.25 - 1.25 0.76 152.6% Research in Disabilities Education (RDE) 5.93 6.50 - 6.50 0.57 9.6% Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.5% Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.7% Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.3% Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.4% Project and Program Evalu | Louis Stokes Alliances for Minority Participation (LSAMP) | 40.47 | 42.50 | - | 42.50 | 2.03 | 5.0% |
| Alliances for Graduate Education and the Professoriate (AGEP) Centers for Research Excellence in Science and Technology (CREST) Opportunities for Women and Persons with Disabilities ADVANCE ADVANCE Research in Disabilities Education (RDE) Research on Gender in Science and Engineering (GSE) Research on Learning in Formal and Informal Settings Discovery Research K-12 (DR-K12) Informal Science Education (ISE) Project and Program Evaluation Research and Evaluation in Science and Engineering (REESE) 15.85 16.75 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.25 19.26 19.27 19.28 19.29 19.20 | Tribal Colleges and Universities Program (TCUP) | 12.80 | 13.50 | - | 13.50 | 0.70 | 5.5% |
| Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.39 Opportunities for Women and Persons with Disabilities 16.56 19.25 - 19.25 2.69 16.3% ADVANCE 0.49 1.25 - 1.25 0.76 152.6% Research in Disabilities Education (RDE) 5.93 6.50 - 6.50 0.57 9.6% Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.5% Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.7% Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.3% Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.4% Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.1% Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.8% | Research and Education Infrastructure | 40.81 | 47.28 | - | 47.28 | 6.47 | 15.9% |
| Centers for Research Excellence in Science and Technology (CREST) 24.95 30.53 - 30.53 5.58 22.39 Opportunities for Women and Persons with Disabilities 16.56 19.25 - 19.25 2.69 16.3% ADVANCE 0.49 1.25 - 1.25 0.76 152.6% Research in Disabilities Education (RDE) 5.93 6.50 - 6.50 0.57 9.6% Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.5% Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.7% Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.3% Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.4% Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.1% Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.8% | Alliances for Graduate Education and the Professoriate (AGEP) | 15.85 | 16.75 | - | 16.75 | 0.90 | 5.7% |
| ADVANCE Research in Disabilities Education (RDE) 5.93 6.50 - 6.50 0.57 9.6% Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.5% Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.7% Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.3% Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.4% Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.1% Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.8% | Centers for Research Excellence in Science and Technology (CREST) | 24.95 | 30.53 | - | 30.53 | 5.58 | 22.3% |
| ADVANCE Research in Disabilities Education (RDE) 5.93 6.50 - 6.50 0.57 9.6% Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.5% Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.7% Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.3% Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.4% Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.1% Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.8% | Opportunities for Women and Persons with Disabilities | 16.56 | 19.25 | - | 19.25 | 2.69 | 16.3% |
| Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.59 Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.79 Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.39 Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.49 Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.19 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | • • | 0.49 | 1.25 | - | 1.25 | | 152.6% |
| Research on Gender in Science and Engineering (GSE) 10.13 11.50 - 11.50 1.37 13.59 Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.79 Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.39 Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.49 Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.19 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | Research in Disabilities Education (RDE) | 5.93 | 6.50 | - | 6.50 | 0.57 | 9.6% |
| Research on Learning in Formal and Informal Settings \$212.30 \$226.50 - \$226.50 \$14.20 6.79 Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.39 Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.49 Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.19 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | Research on Gender in Science and Engineering (GSE) | 10.13 | 11.50 | - | 11.50 | 1.37 | 13.5% |
| Discovery Research K-12 (DR-K12) 99.25 108.50 - 108.50 9.25 9.39 Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.49 Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.19 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | 3 31 7 | | | - | | | 6.7% |
| Informal Science Education (ISE) 64.45 66.00 - 66.00 1.55 2.49 Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.19 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | • | | | - | | | 9.3% |
| Project and Program Evaluation 6.94 10.00 - 10.00 3.06 44.19 Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | | | | _ | | | 2.4% |
| Research and Evaluation on Education in Science and Engineering (REESE) 41.66 42.00 - 42.00 0.34 0.89 | | | | - | | | 44.1% |
| | , • | | | _ | | | 0.8% |
| TOTAL, LDOCATION & HOMIAN NEOCONOLO \$100.40 \$045.40 \$100.00 \$345.20 \$175.00 25.47 | TOTAL, EDUCATION & HUMAN RESOURCES | \$766.26 | \$845.26 | \$100.00 | \$945.26 | | 23.4% |

Totals may not add due to rounding.