

## CHAPTER 4

# Federal Programs for Education and Related Activities

This chapter provides a summary of federal legislation and funding for education that describes the scope and variety of federal education programs. Data in this chapter primarily reflect outlays and appropriations of federal agencies. These tabulations differ from federal receipts reported in other chapters because of numerous variations in the data collection systems. Federal dollars are not necessarily spent by recipient institutions in the same year in which they are appropriated. In some cases, institutions cannot identify the source of federal revenues because they flow through state agencies. Some types of revenues, such as tuition and fees, are reported as revenues from students even though they may be supported by federal student aid programs. Some institutions that receive federal education funds are not included in regular surveys, censuses, and administrative data collections conducted by the National Center for Education Statistics (NCES). Thus, the federal programs data tabulated in this chapter are not comparable with figures reported in other chapters. Readers should also be careful about comparing the data on obligations shown in table 391 with the data on outlays and appropriations appearing in other tables in this chapter.

Federal on-budget funding (federal appropriations) for education increased 385 percent from fiscal year (FY) 1965 to FY 2010, after adjustment for inflation (table D and table 384). From FY 1965 to FY 1975, federal on-budget funding for education increased 145 percent. After a decrease of less than 1 percent from FY 1975 to FY 1980, there was a further decrease of 17 percent from FY 1980 to FY 1985. Thereafter, federal on-budget funding for education generally increased. After adjustment for inflation, federal on-budget funding for education increased by 13 percent from FY 1985 to FY 1990, by 19 percent from FY 1990 to FY 1995, by 9 percent from FY 1995 to FY 2000, by 49 percent from FY 2000 to FY 2005, and by 9 percent from FY 2005 to FY 2010.

Between FY 1990 and FY 2000, after adjustment for inflation, federal on-budget funding increased for three of the four major categories reported: elementary and secondary education (by 55 percent), other education (by 26 percent), and research at educational institutions (by 34 percent) (table D, table 384, and figure 19). During the same period, funding for postsecondary education decreased by 14 percent. Between FY 2000 and FY 2010, federal funding increased by 56 percent for elementary and secondary education, by 160 percent for postsecondary education, and by 32 percent for other education. Federal funding for research

**Table D. Federal on-budget funding for education, by category:**  
**Selected fiscal years, 1965 through 2010**  
 [In billions of constant fiscal year 2011 dollars]

Year	Total	Elementary/ secondary	Post- secondary	Other education	Research at educational institutions
1965 .....	\$37.6	\$13.7	\$8.4	\$2.6	\$12.8
1975 .....	92.1	42.0	30.2	6.4	13.5
1980 .....	91.3	42.4	29.4	4.1	15.4
1985 .....	76.0	32.9	21.8	4.1	17.2
1990 .....	86.3	36.7	22.8	5.7	21.1
1995 .....	102.4	48.1	25.2	6.7	22.4
2000 .....	112.0	57.1	19.6	7.1	28.2
2005 .....	167.1	78.8	44.1	7.9	36.3
2010 .....	182.4	88.8	50.9	9.5	33.3

NOTE: Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Education, Budget Service and National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, various FYs. National Science Foundation, *Federal Funds for Research and Development*, various FYs.

at educational institutions was 18 percent higher in FY 2010 than in FY 2000. For FY 2011, federal program funds were estimated to be \$78.5 billion for elementary and secondary education, \$64.3 billion for postsecondary education, and \$9.4 billion for other education programs (table 386). (FY 2011 data on research at educational institutions were not available at the time this publication was prepared.)

After adjustment for inflation, off-budget support (federal support for education not tied to appropriations) and nonfederal funds generated by federal legislation (e.g., private loans, grants, and aid) showed an increase of 134 percent between FY 1990 (\$18.7 billion in FY 2011 dollars) and FY 2000 (\$43.8 billion in FY 2011 dollars) (table 384). In FY 2010, these same funds totaled \$106.3 billion in FY 2011 dollars, an increase of 143 percent over FY 2000. In FY 2011, these funds were an estimated \$116.6 billion.

In FY 2010, federal on-budget funds for education totaled \$179.9 billion in current dollars (figure 20 and table 385). The U.S. Department of Education provided about 51 percent (\$91.9 billion) of this total. Large amounts of money also came from the U.S. Department of Health and Human Services (\$28.0 billion), the U.S. Department of Agriculture (\$19.4 billion), the U.S. Department of Veterans Affairs (\$8.8 billion), the U.S. Department of Defense (\$7.2 billion), the U.S. Department of Labor (\$6.8 billion), the National Science Foundation (\$5.1 billion), the U.S. Department of Energy (\$4.6 billion), and the National Aeronautics and Space Administration (\$1.2 billion).

In FY 2010, educational institutions (including local education agencies, state education agencies, and degree-granting institutions) received an estimated 65 percent (\$116.6 billion in current dollars) of on-budget federal program funds for education (table 387). Another 17 percent (\$30.6 billion) was used for postsecondary student support. Other education organizations (including Head Start programs at child care centers, Job Corps and other vocational programs, adult basic education programs, and federal programs at libraries and museums) received 13 percent (\$22.7 billion) of on-budget federal program funds for education. Federal institutions received 4 percent (\$7.1 billion). Other recipients (including American Indian tribes, private nonprofit agencies, and banks) received 2 percent (\$2.9 billion) of on-budget federal program funds for education.

Of the \$93.5 billion in current dollars spent by the U.S. Department of Education in FY 2011, about 32 percent (\$29.9 billion) went to local education agencies (school districts) and 8 percent (\$7.1 billion) to state education agencies (table 388 and figure 21). About 26 percent (\$24.6 billion) went to postsecondary institutions and another 28 percent (\$26.1 billion) to postsecondary students. Smaller percentages (totaling 6 percent) went to federal institutions, other education organizations, and other recipients. Local education agencies received a smaller percentage of U.S. Department of Education expenditures in FY 2011 than in FY 2010 (32 percent vs. 42 percent).

## Chronology of Federal Education Legislation

A capsule view of the history of federal education activities is provided in the following list of selected legislation:

- 1787** *Northwest Ordinance* authorized land grants for the establishment of educational institutions.
- 1802** *An Act Fixing the Military Peace Establishment of the United States* established the U.S. Military Academy. (The U.S. Naval Academy was established in 1845 by the Secretary of the Navy.)
- 1862** *First Morrill Act* authorized public land grants to the states for the establishment and maintenance of agricultural and mechanical colleges.
- 1867** *Department of Education Act* authorized the establishment of the U.S. Department of Education.<sup>1</sup>
- 1876** *Appropriation Act*, U.S. Department of the Treasury, established the U.S. Coast Guard Academy.
- 1890** *Second Morrill Act* provided for money grants for support of instruction in the agricultural and mechanical colleges.

<sup>1</sup> The U.S. Department of Education as established in 1867 was later known as the Office of Education. In 1980, under Public Law 96-88, it became a cabinet-level department. Therefore, for purposes of consistency, it is referred to as the "U.S. Department of Education" even in those tables covering years when it was officially the Office of Education.

- 1911** *State Marine School Act* authorized federal funds to be used for the benefit of any nautical school in any of 11 specified state seaport cities.
- 1917** *Smith-Hughes Act* provided for grants to states for support of vocational education.
- 1918** *Vocational Rehabilitation Act* provided for grants for rehabilitation through training of World War I veterans.
- 1920** *Smith-Bankhead Act* authorized grants to states for vocational rehabilitation programs.
- 1935** *Bankhead-Jones Act* (Public Law 74-182) authorized grants to states for agricultural experiment stations.  
*Agricultural Adjustment Act* (Public Law 74-320) authorized 30 percent of the annual customs receipts to be used to encourage the exportation and domestic consumption of agricultural commodities. Commodities purchased under this authorization began to be used in school lunch programs in 1936. The National School Lunch Act of 1946 continued and expanded this assistance.
- 1936** *An Act to Further the Development and Maintenance of an Adequate and Well-Balanced American Merchant Marine* (Public Law 74-415) established the U.S. Merchant Marine Academy.
- 1937** *National Cancer Institute Act* established the Public Health Service fellowship program.
- 1941** *Amendment to Lanham Act of 1940* authorized federal aid for construction, maintenance, and operation of schools in federally impacted areas. Such assistance was continued under Public Law 815 and Public Law 874, 81st Congress, in 1950.
- 1943** *Vocational Rehabilitation Act* (Public Law 78-16) provided assistance to disabled veterans.  
*School Lunch Indemnity Plan* (Public Law 78-129) provided funds for local lunch food purchases.
- 1944** *Servicemen's Readjustment Act* (Public Law 78-346), known as the GI Bill, provided assistance for the education of veterans.  
*Surplus Property Act* (Public Law 78-457) authorized transfer of surplus property to educational institutions.
- 1946** *National School Lunch Act* (Public Law 79-396) authorized assistance through grants-in-aid and other means to states to assist in providing adequate foods and facilities for the establishment, maintenance, operation, and expansion of nonprofit school lunch programs.  
*George-Barden Act* (Public Law 80-402) expanded federal support of vocational education.
- 1948** *United States Information and Educational Exchange Act* (Public Law 80-402) provided for the interchange of persons, knowledge, and skills between the United States and other countries.

- 1949** *Federal Property and Administrative Services Act* (Public Law 81-152) provided for donation of surplus property to educational institutions and for other public purposes.
- 1950** *Financial Assistance for Local Educational Agencies Affected by Federal Activities* (Public Law 81-815 and Public Law 81-874) provided assistance for construction (Public Law 815) and operation (Public Law 874) of schools in federally affected areas.
- Housing Act* (Public Law 81-475) authorized loans for construction of college housing facilities.
- 1954** *An Act for the Establishment of the United States Air Force Academy and Other Purposes* (Public Law 83-325) established the U.S. Air Force Academy.
- Educational Research Act* (Public Law 83-531) authorized cooperative arrangements with universities, colleges, and state educational agencies for educational research.
- School Milk Program Act* (Public Law 83-597) provided funds for purchase of milk for school lunch programs.
- 1956** *Library Services Act* (Public Law 84-597) provided grants to states for extension and improvement of rural public library services.
- 1957** *Practical Nurse Training Act* (Public Law 84-911) provided grants to states for practical nurse training.
- 1958** *National Defense Education Act* (Public Law 85-864) provided assistance to state and local school systems for instruction in science, mathematics, modern foreign languages, and other critical subjects; state statistical services; guidance, counseling, and testing services and training institutes; higher education student loans and fellowships as well as foreign language study and training; experimentation and dissemination of information on more effective use of television, motion pictures, and related media for educational purposes; and vocational education for technical occupations necessary to the national defense.
- Education of Mentally Retarded Children Act* (Public Law 85-926) authorized federal assistance for training teachers of the disabled.
- Captioned Films for the Deaf Act* (Public Law 85-905) authorized a loan service of captioned films for the deaf.
- 1961** *Area Redevelopment Act* (Public Law 87-27) included provisions for training or retraining of persons in redevelopment areas.
- 1962** *Manpower Development and Training Act* (Public Law 87-415) provided training in new and improved skills for the unemployed and underemployed.
- Migration and Refugee Assistance Act of 1962* (Public Law 87-510) authorized loans, advances, and grants for education and training of refugees.
- 1963** *Health Professions Educational Assistance Act of 1963* (Public Law 88-129) provided funds to expand teaching facilities and for loans to students in the health professions.
- Vocational Education Act of 1963* (Part of Public Law 88-210) increased federal support of vocational education schools; vocational work-study programs; and research, training, and demonstrations in vocational education.
- Higher Education Facilities Act of 1963* (Public Law 88-204) authorized grants and loans for classrooms, libraries, and laboratories in public community colleges and technical institutes, as well as undergraduate and graduate facilities in other institutions of higher education.
- 1964** *Civil Rights Act of 1964* (Public Law 88-352) authorized the Commissioner of Education to arrange for support for institutions of higher education and school districts to provide inservice programs for assisting instructional staff in dealing with problems caused by desegregation.
- Economic Opportunity Act of 1964* (Public Law 88-452) authorized grants for college work-study programs for students from low-income families; established a Job Corps program and authorized support for work-training programs to provide education and vocational training and work experience opportunities in welfare programs; authorized support of education and training activities and of community action programs, including Head Start, Follow Through, and Upward Bound; and authorized the establishment of Volunteers in Service to America (VISTA).
- 1965** *Elementary and Secondary Education Act of 1965* (Public Law 89-10) authorized grants for elementary and secondary school programs for children of low-income families; school library resources, textbooks, and other instructional materials for school children; supplementary educational centers and services; strengthening state education agencies; and educational research and research training.
- Health Professions Educational Assistance Amendments of 1965* (Public Law 89-290) authorized scholarships to aid needy students in the health professions.
- Higher Education Act of 1965* (Public Law 89-329) provided grants for university community service programs, college library assistance, library training and research, strengthening developing institutions, teacher training programs, and undergraduate instructional equipment. Authorized insured student loans, established a National Teacher Corps, and provided for graduate teacher training fellowships.
- National Foundation on the Arts and the Humanities Act* (Public Law 89-209) authorized grants and loans for projects in the creative and performing arts and for research, training, and scholarly publications in the humanities.

*National Technical Institute for the Deaf Act* (Public Law 89-36) provided for the establishment, construction, equipping, and operation of a residential school for postsecondary education and technical training of the deaf.

*School Assistance in Disaster Areas Act* (Public Law 89-313) provided for assistance to local education agencies to help meet exceptional costs resulting from a major disaster.

- 1966** *International Education Act* (Public Law 89-698) provided grants to institutions of higher education for the establishment, strengthening, and operation of centers for research and training in international studies and the international aspects of other fields of study.

*National Sea Grant College and Program Act* (Public Law 89-688) authorized the establishment and operation of Sea Grant Colleges and programs by initiating and supporting programs of education and research in the various fields relating to the development of marine resources.

*Adult Education Act* (Public Law 89-750) authorized grants to states for the encouragement and expansion of educational programs for adults, including training of teachers of adults and demonstrations in adult education (previously part of Economic Opportunity Act of 1964).

*Model Secondary School for the Deaf Act* (Public Law 89-694) authorized the establishment and operation, by Gallaudet College, of a model secondary school for the deaf.

- 1967** *Education Professions Development Act* (Public Law 90-35) amended the Higher Education Act of 1965 for the purpose of improving the quality of teaching and to help meet critical shortages of adequately trained educational personnel.

*Public Broadcasting Act of 1967* (Public Law 90-129) established a Corporation for Public Broadcasting to assume major responsibility in channeling federal funds to noncommercial radio and television stations, program production groups, and educational television networks; conduct research, demonstration, or training in matters related to noncommercial broadcasting; and award grants for construction of educational radio and television facilities.

- 1968** *Elementary and Secondary Education Amendments of 1968* (Public Law 90-247) modified existing programs and authorized support of regional centers for education of children with disabilities, model centers and services for deaf-blind children, recruitment of personnel and dissemination of information on education of the disabled; technical assistance in education to rural areas; support of dropout prevention projects; and support of bilingual education programs.

*Handicapped Children's Early Education Assistance Act* (Public Law 90-538) authorized preschool and early education programs for disabled children.

*Vocational Education Amendments of 1968* (Public Law 90-576) modified existing programs and provided for a National Advisory Council on Vocational Education and collection and dissemination of information for programs administered by the Commissioner of Education.

- 1970** *Elementary and Secondary Education Assistance Programs, Extension* (Public Law 91-230) authorized comprehensive planning and evaluation grants to state and local education agencies; provided for the establishment of a National Commission on School Finance.

*National Commission on Libraries and Information Services Act* (Public Law 91-345) established a National Commission on Libraries and Information Science to effectively utilize the nation's educational resources.

*Office of Education Appropriation Act* (Public Law 91-380) provided emergency school assistance to desegregating local education agencies.

*Environmental Education Act* (Public Law 91-516) established an Office of Environmental Education to develop curriculum and initiate and maintain environmental education programs at the elementary/secondary levels; disseminate information; provide training programs for teachers and other educational, public, community, labor, and industrial leaders and employees; provide community education programs; and distribute material dealing with the environment and ecology.

*Drug Abuse Education Act of 1970* (Public Law 91-527) provided for development, demonstration, and evaluation of curricula on the problems of drug abuse.

- 1971** *Comprehensive Health Manpower Training Act of 1971* (Public Law 92-257) amended Title VII of the Public Health Service Act, increasing and expanding provisions for health manpower training and training facilities.

- 1972** *Drug Abuse Office and Treatment Act of 1972* (Public Law 92-255) established a Special Action Office for Drug Abuse Prevention to provide overall planning and policy for all federal drug-abuse prevention functions; a National Advisory Council for Drug Abuse Prevention; community assistance grants for community mental health centers for treatment and rehabilitation of persons with drug-abuse problems; and, in December 1974, a National Institute on Drug Abuse.

*Education Amendments of 1972* (Public Law 92-318) established the Education Division in the U.S. Department of Health, Education, and Welfare and the National Institute of Education; general aid for institutions of higher education; federal matching grants for state Student Incentive Grants; a National

Commission on Financing Postsecondary Education; State Advisory Councils on Community Colleges; a Bureau of Occupational and Adult Education and State Grants for the design, establishment, and conduct of postsecondary occupational education; and a bureau-level Office of Indian Education. Amended current U.S. Department of Education programs to increase their effectiveness and better meet special needs. Prohibited sex bias in admission to vocational, professional, and graduate schools, and public institutions of undergraduate higher education.

- 1973** *Older Americans Comprehensive Services Amendment of 1973* (Public Law 93-29) made available to older citizens comprehensive programs of health, education, and social services.

*Comprehensive Employment and Training Act of 1973* (Public Law 93-203) provided for opportunities for employment and training to unemployed and underemployed people. Extended and expanded provisions in the Manpower Development and Training Act of 1962, Title I of the Economic Opportunity Act of 1962, Title I of the Economic Opportunity Act of 1964, and the Emergency Employment Act of 1971 as in effect prior to June 30, 1973.

- 1974** *Education Amendments of 1974* (Public Law 93-380) provided for the consolidation of certain programs; and established a National Center for Education Statistics.

*Juvenile Justice and Delinquency Prevention Act of 1974* (Public Law 93-415) provided for technical assistance, staff training, centralized research, and resources to develop and implement programs to keep students in elementary and secondary schools; and established, in the U.S. Department of Justice, a National Institute for Juvenile Justice and Delinquency Prevention.

- 1975** *Indian Self-Determination and Education Assistance Act* (Public Law 93-638) provided for increased participation of Indians in the establishment and conduct of their education programs and services.

*Harry S Truman Memorial Scholarship Act* (Public Law 93-642) established the Harry S Truman Scholarship Foundation and created a perpetual education scholarship fund for young Americans to prepare and pursue careers in public service.

*Education for All Handicapped Children Act* (Public Law 94-142) provided that all children with disabilities have available to them a free appropriate education designed to meet their unique needs.

- 1976** *Educational Broadcasting Facilities and Telecommunications Demonstration Act of 1976* (Public Law 94-309) established a telecommunications demonstration program to promote the development of nonbroadcast telecommunications facilities and services for the transmission, distribution, and delivery of health, education, and public or social service information.

- 1977** *Youth Employment and Demonstration Projects Act of 1977* (Public Law 95-93) established a youth employment training program including, among other activities, promoting education-to-work transition, literacy training and bilingual training, and attainment of certificates of high school equivalency.

*Career Education Incentive Act* (Public Law 95-207) authorized the establishment of a career education program for elementary and secondary schools.

- 1978** *Tribally Controlled Community College Assistance Act of 1978* (Public Law 95-471) provided federal funds for the operation and improvement of tribally controlled community colleges for Indian students.

*Middle Income Student Assistance Act* (Public Law 95-566) modified the provisions for student financial assistance programs to allow middle-income as well as low-income students attending college or other postsecondary institutions to qualify for federal education assistance.

- 1979** *Department of Education Organization Act* (Public Law 96-88) established a U.S. Department of Education containing functions from the Education Division of the U.S. Department of Health, Education, and Welfare (HEW) along with other selected education programs from HEW, the U.S. Department of Justice, U.S. Department of Labor, and the National Science Foundation.

- 1980** *Asbestos School Hazard Detection and Control Act of 1980* (Public Law 96-270) established a program for inspection of schools for detection of hazardous asbestos materials and provided loans to assist educational agencies to contain or remove and replace such materials.

- 1981** *Education Consolidation and Improvement Act of 1981* (Part of Public Law 97-35) consolidated 42 programs into 7 programs to be funded under the elementary and secondary block grant authority.

- 1983** *Student Loan Consolidation and Technical Amendments Act of 1983* (Public Law 98-79) established an 8 percent interest rate for Guaranteed Student Loans and an extended Family Contribution Schedule.

*Challenge Grant Amendments of 1983* (Public Law 98-95) amended Title III, Higher Education Act, and added authorization of the Challenge Grant program. The Challenge Grant program provides funds to eligible institutions on a matching basis as an incentive to seek alternative sources of funding.

*Education of the Handicapped Act Amendments of 1983* (Public Law 98-199) added the Architectural Barrier amendment and clarified participation of children with disabilities in private schools.

- 1984** *Education for Economic Security Act* (Public Law 98-377) added new science and mathematics programs

for elementary, secondary, and postsecondary education. The new programs included magnet schools, excellence in education, and equal access.

*Carl D. Perkins Vocational Education Act* (Public Law 98-524) continued federal assistance for vocational education through FY 1989. The act replaced the Vocational Education Act of 1963. It provided aid to the states to make vocational education programs accessible to all people, including disabled and disadvantaged, single parents and homemakers, and the incarcerated.

*Human Services Reauthorization Act* (Public Law 98-558) created a Carl D. Perkins scholarship program, a National Talented Teachers Fellowship program, a Federal Merit Scholarships program, and a Leadership in Educational Administration program.

**1985** *Montgomery GI Bill—Active Duty* (Public Law 98-525), brought about a new GI Bill for individuals who initially entered active military duty on or after July 1, 1985.

*Montgomery GI Bill—Selected Reserve* (Public Law 98-525), established an education program for members of the Selected Reserve (which includes the National Guard) who enlist, reenlist, or extend an enlistment after June 30, 1985, for a 6-year period.

**1986** *Handicapped Children's Protection Act of 1986* (Public Law 99-372) allowed parents of children with disabilities to collect attorneys' fees in cases brought under the Education of the Handicapped Act and provided that the Education of the Handicapped Act does not preempt other laws, such as Section 504 of the Rehabilitation Act.

*Drug-Free Schools and Communities Act of 1986* (Part of Public Law 99-570) established programs for drug abuse education and prevention, coordinated with related community efforts and resources, through the use of federal financial assistance.

**1988** *Augustus F. Hawkins-Robert T. Stafford Elementary and Secondary School Improvement Amendments of 1988* (Public Law 100-297) reauthorized through 1993 major elementary and secondary education programs, including Chapter 1, Chapter 2, Bilingual Education, Math-Science Education, Magnet Schools, Impact Aid, Indian Education, Adult Education, and other smaller education programs.

*Stewart B. McKinney Homeless Assistance Amendments Act of 1988* (Public Law 100-628) extended for 2 additional years programs providing assistance to the homeless, including literacy training for homeless adults and education for homeless youths.

*Tax Reform Technical Amendments* (Public Law 100-647) authorized an Education Savings Bond for the purpose of postsecondary educational expenses. The

bill grants tax exclusion for interest earned on regular series EE savings bonds.

**1989** *Childhood Education and Development Act of 1989* (Part of Public Law 101-239) authorized the appropriations to expand Head Start programs and programs carried out under the Elementary and Secondary Education Act of 1965 to include child care services.

**1990** *Excellence in Mathematics, Science and Engineering Education Act of 1990* (Public Law 101-589) created a national mathematics and science clearinghouse and created several other mathematics, science, and engineering education programs.

*Student Right-To-Know and Campus Security Act* (Public Law 101-542) required institutions of higher education receiving federal financial assistance to provide certain information with respect to the graduation rates of student-athletes at such institutions.

*Americans with Disabilities Act of 1990* (Public Law 101-336) prohibited discrimination against persons with disabilities.

*National and Community Service Act of 1990* (Public Law 101-610) increased school and college-based community service opportunities and authorized the President's Points of Light Foundation.

**1991** *National Literacy Act of 1991* (Public Law 102-73) established the National Institute for Literacy, the National Institute Board, and the Interagency Task Force on Literacy. Amended various federal laws to establish and extend various literacy programs.

*High-Performance Computing Act of 1991* (Public Law 102-194) directed the President to implement a National High-Performance Computing Program. Provided for (1) establishment of a National Research and Education Network; (2) standards and guidelines for high-performance networks; and (3) the responsibility of certain federal departments and agencies with regard to the Network.

*Veterans' Educational Assistance Amendments of 1991* (Public Law 102-127) restored certain educational benefits available to reserve and active-duty personnel under the Montgomery GI Bill to students whose courses of studies were interrupted by the Persian Gulf War.

*Civil Rights Act of 1991* (Public Law 102-166) amended the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, and the Americans with Disabilities Act of 1990, with regard to employment discrimination. Established the Technical Assistance Training Institute.

**1992** *Ready-To-Learn Act* (Public Law 102-545) amended the General Education Provisions Act to establish Ready-To-Learn Television programs to support educational programming and support materials for

preschool and elementary school children and their parents, child care providers, and educators.

**1993** *Student Loan Reform Act* (Public Law 103-66) reformed the student aid process by phasing in a system of direct lending designed to provide savings for taxpayers and students. Allows students to choose among a variety of repayment options, including income contingency.

*National Service Trust Act* (Public Law 103-82) amended the National and Community Service Act of 1990 to establish a Corporation for National Service. In addition, provided education grants up to \$4,725 per year for 2 years to people age 17 or older who perform community service before, during, or after postsecondary education.

*NAEP Assessment Authorization* (Public Law 103-33) authorized use of the National Assessment of Educational Progress (NAEP) for state-by-state comparisons.

**1994** *Goals 2000: Educate America Act* (Public Law 103-227) established a new federal partnership through a system of grants to states and local communities to reform the nation's education system. The Act formalized the national education goals and established the National Education Goals Panel.

*School-To-Work Opportunities Act of 1994* (Public Law 103-239) established a national framework within which states and communities can develop School-To-Work Opportunities systems to prepare young people for first jobs and continuing education. The Act also provided money to states and communities to develop a system of programs that include work-based learning, school-based learning, and connecting activities components.

*Safe Schools Act of 1994* (Part of Public Law 103-227) authorized the award of competitive grants to local educational agencies with serious crime to implement violence prevention activities such as conflict resolution and peer mediation.

**1996** *Contract With America: Unfunded Mandates* (Public Law 104-4) ended the imposition, in the absence of full consideration by Congress, of federal mandates on state, local, and tribal governments without adequate funding, in a manner that may displace other essential governmental priorities; and ensured that the federal government pays the costs incurred by those governments in complying with certain requirements under federal statutes and regulations.

**1997** *The Taxpayer Relief Act of 1997* (Public Law 105-34) enacted the Hope Scholarship and Life-Long Learning Tax Credit provisions into law.

*Emergency Student Loan Consolidation Act of 1997* (Public Law 105-78) amended the Higher Education Act to provide for improved student loan consolidation services.

**1998** *Workforce Investment Act of 1998* (Public Law 105-220) enacted the Adult Education and Family Literacy Act, and substantially revised and extended, through FY 2003, the Rehabilitation Act of 1973.

*Omnibus Consolidated and Emergency Supplemental Appropriations Act, 1999* (Public Law 105-277) enacted the Reading Excellence Act, to promote the ability of children to read independently by the third grade; and earmarked funds to help states and school districts reduce class sizes in the early grades.

*Charter School Expansion Act* (Public Law 105-278) amended the charter school program, enacted in 1994 as Title X, Part C of the Elementary and Secondary Education Act of 1965.

*Carl D. Perkins Vocational and Applied Technology Education Amendments of 1998* (Public Law 105-332) revised, in its entirety, the Carl D. Perkins Vocational and Applied Technology Education Act, and reauthorized the Act through FY 2003.

*Assistive Technology Act of 1998* (Public Law 105-394) replaced the Technology-Related Assistance for Individuals with Disabilities Act of 1988 with a new Act, authorized through FY 2004, to address the assistive-technology needs of individuals with disabilities.

**1999** *Education Flexibility Partnership Act of 1999* (Public Law 106-25) authorized the Secretary of Education to allow all states to participate in the Education Flexibility Partnership program.

*District of Columbia College Access Act of 1999* (Public Law 106-98) established a program to afford high school graduates from the District of Columbia the benefits of in-state tuition at state colleges and universities outside the District of Columbia.

**2000** *The National Defense Authorization Act for Fiscal Year 2001* (Public Law 106-398) included, as Title XVIII, the Impact Aid Reauthorization Act of 2000, which extended the Impact Aid programs through FY 2003.

*College Scholarship Fraud Prevention Act of 2000* (Public Law 106-420) enhanced federal penalties for offenses involving scholarship fraud; required an annual scholarship fraud report by the Attorney General, the Secretary of Education, and the Federal Trade Commission (FTC); and required the Secretary of Education, in conjunction with the FTC, to maintain a scholarship fraud awareness website.

*Consolidated Appropriations Act 2001* (Public Law 106-554) created a new program of assistance for school repair and renovation, and amended the Elementary and Secondary Education Act of 1965 to authorize credit enhancement initiatives to help charter schools obtain, construct, or repair facilities; reauthorized the Even Start program; and enacted the "Children's Internet Protection Act."

**2001** *50th Anniversary of Brown v. the Board of Education* (Public Law 107-41) established a commission for the purpose of encouraging and providing for the com-

memoration of the 50th anniversary of the 1954 Supreme Court decision *Brown v. Board of Education*.

**2002** *No Child Left Behind Act of 2001* (Public Law 107-110) provided for the comprehensive reauthorization of the Elementary and Secondary Education Act of 1965, incorporating specific proposals in such areas as testing, accountability, parental choice, and early reading.

*Reauthorization of the National Center for Education Statistics and the Creating of the Institute of Education Sciences of 2002* (Public Law 107-279) established the Institute of Education Sciences within the U.S. Department of Education to carry out a coordinated, focused agenda of high-quality research, statistics, and evaluation that is relevant to the educational challenges of the nation.

*The Higher Education Relief Opportunities for Students Act of 2001* (Public Law 107-122) provided the Secretary of Education with waiver authority under student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from the September 11, 2001, terrorist attacks.

*Established fixed interest rates for student and parent borrowers* (Public Law 107-139) under Title IV of the Higher Education Act of 1965.

**2003** *The Higher Education Relief Opportunities for Students Act of 2003* (Public Law 108-76) provided the Secretary of Education with waiver authority under student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from wars or national emergencies.

**2004** *Assistive Technology Act of 2004* (Public Law 108-364) reauthorized the Assistive Technology program, administered by the Department of Education.

*Taxpayer-Teacher Protection Act of 2004* (Public Law 108-409) temporarily stopped excessive special allowance payments to certain lenders under the Federal Family Education Loan (FFEL) Program and increases the amount of loans that can be forgiven for certain borrowers who are highly qualified mathematics, science, and special education teachers who serve in high-poverty schools for 5 years.

*Individuals with Disabilities Education Improvement Act of 2004* (Public Law 108-446) provided a comprehensive reauthorization of the Individuals with Disabilities Education Act.

**2005** *Student Grant Hurricane and Disaster Relief Act* (Public Law 109-67) authorized the Secretary of Education to waive certain repayment requirements for students receiving campus-based federal grant assistance if they were residing in, employed in, or attending an institution of higher education located in a major disaster area, or their attendance was interrupted because of the disaster.

*Natural Disaster Student Aid Fairness Act* (Public Law 109-86) authorized the Secretary of Education during FY 2006 to reallocate campus-based student

aid funds to institutions of higher learning in Louisiana, Mississippi, Alabama, and Texas, or institutions that have accepted students displaced by Hurricane Katrina or Rita. The law also waived requirements for matching funds that are normally imposed on institutions and students.

*Hurricane Education Recovery Act (HERA)* (Public Law 109-148, provision in the Defense Department Appropriations Act for FY 2006) provided funds for states affected by Hurricane Katrina to restart school operations, provide temporary emergency aid for displaced students, and assist homeless youth. The law also permitted the Secretary of Education to extend deadlines under the Individuals with Disabilities Education Act for those affected by Katrina or Rita.

**2006** *Higher Education Reconciliation Act of 2005* (Public Law 109-171) made various amendments to programs of student financial assistance under Title IV of the Higher Education Act of 1965.

Public Law 109-211 reauthorized the “ED-FLEX” program (under the Education Flexibility Partnership Act of 1999), under which the Secretary of Education permits states to waive certain requirements of federal statutes and regulations if they meet certain conditions.

*Carl D. Perkins Career and Technical Education Improvement Act of 2006* (Public Law 109-270) reauthorized the vocational and technical education programs under the Perkins Act through 2012.

**2007** Public Law 110-15 designated the Department of Education Headquarters Building as the “Lyndon Baines Johnson Department of Education Building.”

*America COMPETES Act* (or “*America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science*”) (Public Law 110-69) created new STEM (science, technology, engineering, and mathematics) education programs in various agencies, including the Department of Education.

*College Cost Reduction and Access Act of 2007* (Public Law 110-84) reduced interest rates on student loans and made other amendments to the Higher Education Act of 1965 to make college more accessible and affordable.

Permanent extension of the *Higher Education Relief Opportunities for Students Act of 2003 (HEROES Act)* (Public Law 110-93) gave the Secretary of Education authority to waive or modify any statutory or regulatory provision applicable to the student financial assistance programs under title IV of the Higher Education Act of 1965 as deemed necessary in connection with a war or other military operation or national emergency.

**2008** *Ensuring Continued Access to Student Loans Act of 2008* (Public Law 110-227) provided various author-



ities to the Department of Education, among other provisions, to help ensure that college students and their parents continue to have access to loans in the tight credit market.

*Higher Education Opportunity Act* (Public Law 110-315) provided a comprehensive reauthorization of the Higher Education Act of 1965.

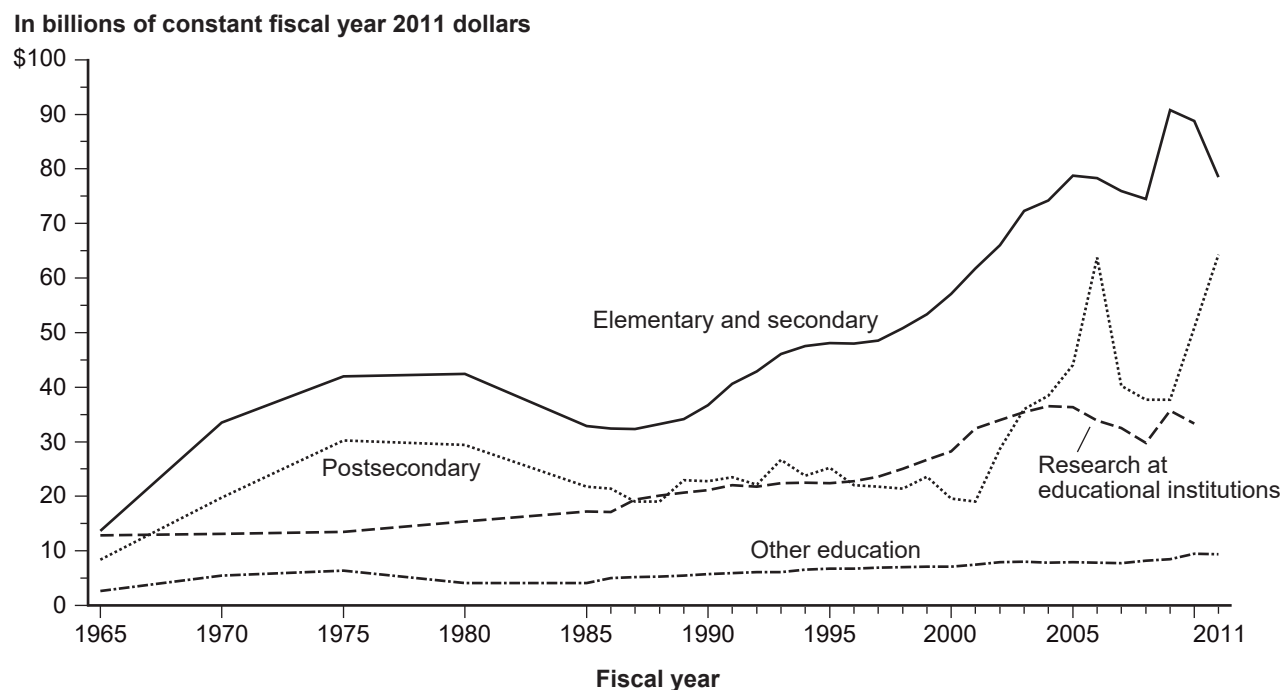
**2009** *American Recovery and Reinvestment Act of 2009* (Public Law 111-5) provided about \$100 billion to state education systems and supplemental appropriations for several Department of Education programs. Public Law 111-39 made miscellaneous and technical amendments to the Higher Education Act of 1965.

**2010** *Health Care and Education Reconciliation Act of 2010* (Public Law 111-152) included, as Title II, the

“SAFRA Act” (also known as the “Student Aid and Fiscal Responsibility Act”). The SAFRA Act ended the federal government’s role in subsidizing financial institutions that make student loans through the Federal Family Education Loan (FFEL) Program under Part B of Title IV of the Higher Education Act of 1965 (HEA), and correspondingly expanded the Federal Direct Student Loan Program administered by the Department of Education under Part D of Title IV of the HEA.

Public Law 111-226 provided an additional \$10 billion to states and school districts, through an “Education Jobs Fund” modeled closely on the State Fiscal Stabilization Fund created by the 2009 Recovery Act, to hire (or avoid laying off) teachers and other educators.

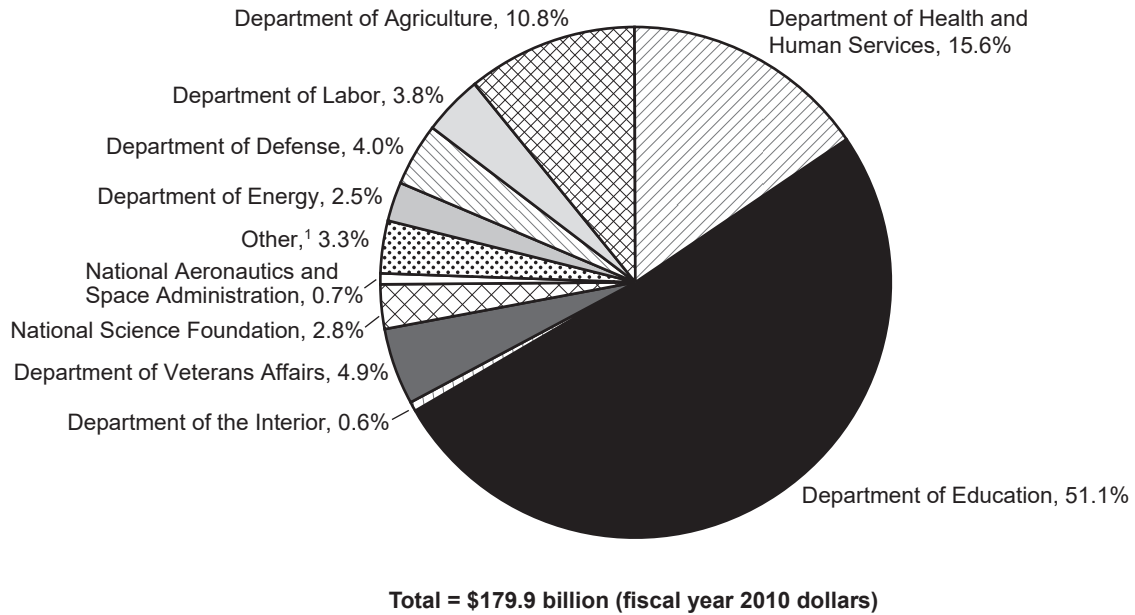
**Figure 19. Federal on-budget funds for education, by level or other educational purpose: Selected years, 1965 through 2011**



NOTE: The increase in postsecondary expenditures in 2006 resulted primarily from an accounting adjustment. Data for research at educational institutions are estimated for 2009 and 2010 and are not available for 2011. Data for elementary and secondary, postsecondary, and other education are estimated for 2011.

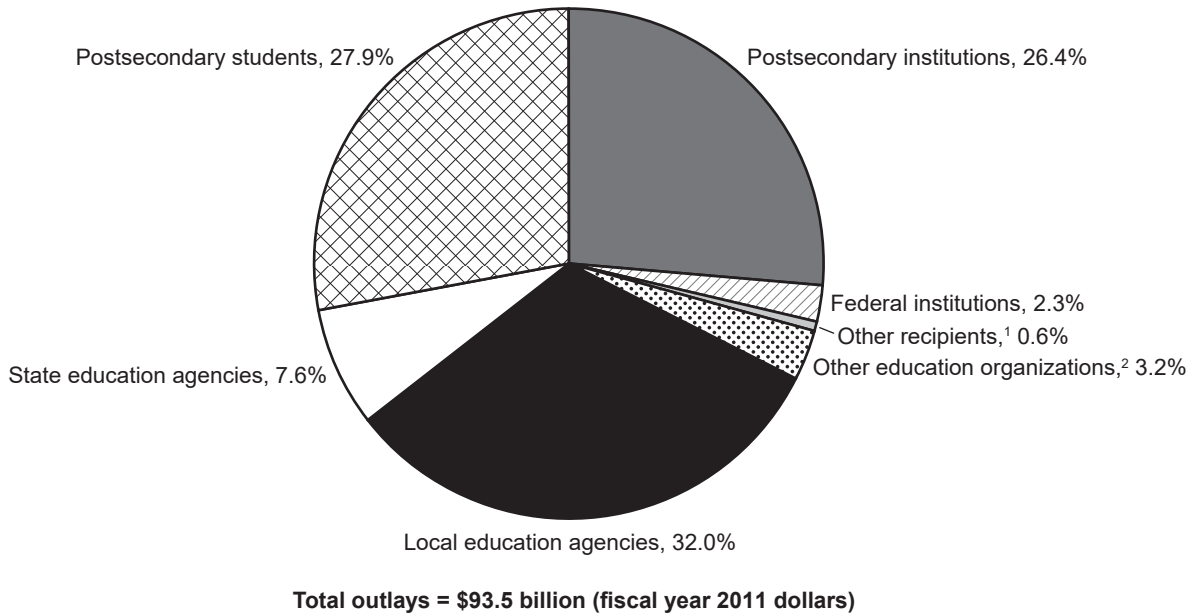
SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 through 2012. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 through 2010.

**Figure 20. Percentage of federal on-budget funds for education, by agency: Fiscal year 2010**



<sup>1</sup>In addition to the 10 agencies shown in this figure, about 25 other agencies provide smaller amounts of funding for education.  
 NOTE: Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal year 2012. National Science Foundation, *Federal Funds for Research and Development*, fiscal year 2010.

**Figure 21. Percentage of U.S. Department of Education outlays, by type of recipient: Fiscal year 2011**



<sup>1</sup>Other recipients include American Indian tribes, private nonprofit agencies, and banks.  
<sup>2</sup>Includes funds for vocational education and for federal programs at libraries and museums.  
 NOTE: Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal year 2012. U.S. Department of Education, Budget Service, unpublished tabulations.

**Table 384. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2011**

[In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support <sup>1</sup>					Off-budget support and nonfederal funds generated by federal legislation								Estimated federal tax expenditures for education <sup>2</sup>	
		Total	Elementary and secondary	Post-secondary	Other education <sup>3</sup>	Research at educational institutions	Total	Off-budget support	Nonfederal funds							
									Federal Family Education Loan Program <sup>5</sup>	Perkins Loans <sup>6</sup>	Income Contingent Loans <sup>7</sup>	Leveraging Educational Assistance Partnerships <sup>8</sup>	Supplemental Educational Opportunity Grants <sup>9</sup>	Work-Study Aid <sup>10</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Current dollars																
1965.....	\$5,354.7	\$5,331.0	\$1,942.6	\$1,197.5	\$374.7	\$1,816.3	\$23.7	†	†	\$16.1	†	†	†	†	\$7.6	—
1970.....	13,359.1	12,526.5	5,830.4	3,447.7	964.7	2,283.6	832.6	†	\$770.0	21.0	†	†	†	†	41.6	—
1975.....	24,691.5	23,288.1	10,617.2	7,644.0	1,608.5	3,418.4	1,403.4	†	1,233.0	35.7	†	\$20.0	†	†	114.7	\$8,605.0
1980.....	39,349.5	34,493.5	16,027.7	11,115.9	1,548.7	4,856.0	4,856.0	†	4,598.0	31.8	†	76.8	†	†	149.4	13,320.0
1985.....	47,753.4	39,027.9	16,901.3	11,174.4	2,107.6	8,844.6	8,725.5	†	8,467.0	21.4	†	76.0	†	†	161.1	19,105.0
1986.....	48,357.3	39,962.9	17,049.9	11,283.6	2,620.0	9,009.4	8,394.4	†	8,142.0	20.2	†	72.7	†	†	159.5	20,425.0
1987.....	50,724.6	41,194.7	17,535.7	10,300.0	2,820.4	10,538.6	9,529.8	†	9,272.0	20.9	\$0.6	76.0	†	†	160.4	20,830.0
1988.....	54,078.7	43,454.4	18,564.9	10,657.5	2,981.6	11,250.5	10,624.3	†	10,380.0	20.6	0.5	72.8	†	†	150.4	17,025.0
1989.....	59,537.4	48,269.6	19,809.5	13,269.9	3,180.3	12,009.8	11,267.8	†	10,938.0	20.4	0.5	71.9	\$22.0	†	215.0	17,755.0
1990.....	62,811.5	51,624.3	21,984.4	13,650.9	3,383.0	12,606.0	11,187.2	†	10,826.0	15.0	0.5	59.2	48.8	†	237.7	19,040.0
1991.....	70,375.6	57,599.5	25,418.0	14,707.4	3,698.6	13,775.4	12,776.1	†	12,372.0	17.3	0.5	63.5	87.7	†	235.0	18,995.0
1992.....	74,481.1	60,483.1	27,926.9	14,387.4	3,992.0	14,176.9	13,998.0	†	13,568.0	17.3	0.5	72.0	97.2	†	242.9	19,950.0
1993.....	84,741.5	67,740.6	30,834.3	17,844.0	4,107.2	14,955.1	17,000.8	†	16,524.0	29.3	†	72.4	184.6	†	190.5	21,010.0
1994.....	92,781.5	68,254.2	32,304.4	16,177.1	4,483.7	15,289.1	24,527.3	\$813.0	23,214.0	52.7	†	72.4	184.6	†	190.5	22,630.0
1995.....	95,810.8	71,639.5	33,623.8	17,618.1	4,719.7	15,677.9	24,171.2	5,161.0	18,519.0	52.7	†	63.4	184.6	†	190.5	24,600.0
1996.....	96,833.0	71,327.4	34,391.5	15,775.5	4,828.0	16,332.3	25,505.6	8,357.0	16,711.0	31.1	†	31.4	184.6	†	190.5	26,340.0
1997.....	103,259.8	73,731.8	35,478.9	15,959.4	5,021.2	17,272.4	29,528.0	9,838.0	19,163.0	52.7	†	50.0	184.6	†	239.7	28,125.0
1998.....	107,810.5	76,909.2	37,486.2	15,799.6	5,148.5	18,475.0	30,901.3	10,400.1	20,002.5	45.0	†	25.0	194.3	†	234.4	29,540.0
1999.....	113,417.2	82,863.6	39,937.9	17,651.2	5,318.0	19,956.5	30,553.6	9,953.0	20,107.0	33.3	†	25.0	195.9	†	239.4	37,360.0
2000.....	119,541.6	85,944.2	43,790.8	15,008.7	5,484.6	21,660.1	33,597.4	10,347.0	22,711.0	33.3	†	50.0	199.7	†	256.4	39,475.0
2001.....	130,668.5	94,846.5	48,530.1	14,938.3	5,880.0	25,498.1	35,822.0	10,635.0	24,694.0	25.0	†	80.0	184.0	†	204.0	41,460.0
2002.....	150,034.5	109,211.5	52,754.1	22,964.2	6,297.7	27,195.5	40,823.0	11,689.0	28,606.0	25.0	†	104.0	192.0	†	207.0	—
2003.....	170,671.5	124,374.5	59,274.2	29,499.7	6,532.5	29,068.1	46,297.0	11,969.0	33,791.0	33.0	†	103.0	202.0	†	199.0	—
2004.....	185,176.7	132,420.7	62,653.2	32,433.0	6,576.8	30,757.7	52,756.0	12,840.0	39,266.0	33.0	†	102.0	244.0	†	271.0	—
2005.....	203,036.0	146,207.0	68,957.7	38,587.3	6,908.5	31,753.5	56,829.0	12,930.0	43,284.0	0.0	†	101.0	246.0	†	268.0	—
2006.....	226,978.7	166,495.7	70,948.2	57,757.7	7,074.5	30,715.2	60,483.0	12,677.0	47,307.0	0.0	†	100.0	205.0	†	194.0	—
2007.....	210,536.0	145,698.0	70,735.9	37,465.3	7,214.9	30,281.9	64,838.0	13,022.0	51,320.0	0.0	†	100.0	205.0	†	191.0	—
2008.....	221,001.1	145,003.1	71,927.9	36,395.2	7,882.2	28,797.8	75,998.0	18,213.0	57,296.0	0.0	†	98.0	201.0	†	190.0	—
2009.....	264,527.4	167,475.4	88,113.1	36,556.3	8,211.0	34,594.9 <sup>11</sup>	97,052.0	29,738.0	66,778.0	0.0	†	98.0	201.0	†	237.0	—
2010.....	284,670.4	179,860.4	87,548.8	50,166.3	9,326.7	32,818.5 <sup>11</sup>	104,810.0	84,703.0	19,618.0	0.0	†	98.0	201.0	†	190.0	—
2011 <sup>11</sup> .....	—	—	78,509.2	64,310.0	9,427.3	—	116,582.0	116,098.0	0.0	0.0	†	98.0	196.0	†	190.0	—
Constant fiscal year 2011 dollars <sup>12</sup>																
1965.....	\$37,777.3	\$37,610.0	\$13,704.8	\$8,448.4	\$2,643.1	\$12,813.7	\$167.3	†	†	\$113.7	†	†	†	†	\$53.6	—
1970.....	76,685.5	71,906.3	33,468.7	19,790.9	5,537.8	13,108.9	4,779.3	†	\$4,420.1	120.4	†	†	†	†	238.8	—
1975.....	97,680.5	92,128.7	42,002.0	30,240.1	6,363.2	13,523.4	5,551.8	†	4,877.8	141.1	†	\$79.1	†	†	453.8	\$34,041.7
1980.....	104,151.3	91,298.3	42,422.5	29,421.8	4,099.2	15,354.8	12,852.9	†	12,170.1	84.1	†	203.3	†	†	395.4	35,255.7
1985.....	93,008.4	76,013.9	32,918.4	21,764.1	4,104.9	17,226.4	16,994.5	†	16,491.0	41.7	†	148.0	†	†	313.8	37,210.5
1986.....	91,806.6	75,869.8	32,369.4	21,421.9	4,974.1	17,104.3	15,936.8	†	15,457.6	38.4	†	138.0	†	†	302.8	38,777.0
1987.....	93,354.4	75,815.5	32,273.0	18,956.3	5,190.7	19,395.4	17,538.9	†	17,064.4	38.4	\$1.0	139.9	†	†	295.2	38,335.9
1988.....	96,603.0	77,624.4	33,163.1	19,038.0	5,326.1	20,097.1	18,978.6	†	18,542.2	36.9	0.9	130.0	†	†	268.7	30,412.4
1989.....	102,570.6	83,158.4	34,127.7	22,861.3	5,479.1	20,690.4	19,412.1	†	18,843.9	35.1	0.9	123.9	\$37.9	†	370.4	30,588.2

See notes at end of table.

**Table 384. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2011—Continued**  
 [In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support <sup>1</sup>					Off-budget support and nonfederal funds generated by federal legislation									Estimated federal tax expenditures for education <sup>2</sup>
		Total	Elementary and secondary	Post-secondary	Other education <sup>3</sup>	Research at educational institutions	Total	Off-budget support	Nonfederal funds							
									Federal Family Education Loan Program <sup>5</sup>	Perkins Loans <sup>6</sup>	Income Contingent Loans <sup>7</sup>	Leveraging Educational Assistance Partnerships <sup>8</sup>	Supplemental Educational Opportunity Grants <sup>9</sup>	Work-Study Aid <sup>10</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1990.....	104,952.2	86,259.4	36,733.8	22,809.4	5,652.7	21,063.5	18,692.8	†	18,089.2	25.1	0.8	98.9	81.5	397.2	31,814.1	
1991.....	112,304.1	91,916.3	40,561.7	23,469.8	5,902.2	21,982.6	20,387.9	†	19,743.0	27.7	0.8	101.4	140.0	375.0	30,311.9	
1992.....	114,476.2	92,961.4	42,923.1	22,113.2	6,135.6	21,789.6	21,514.7	†	20,853.8	26.6	0.8	110.7	149.5	373.4	30,662.8	
1993.....	126,818.2	101,375.9	46,144.5	26,704.1	6,146.5	22,380.7	25,442.3	†	24,728.7	43.8	†	108.4	276.3	285.2	31,442.1	
1994.....	136,298.1	100,267.0	47,455.8	23,764.5	6,586.7	22,460.0	36,031.1	\$1,194.3	34,101.9	77.4	†	106.4	271.2	279.9	33,244.0	
1995.....	137,014.7	102,448.5	48,083.9	25,194.9	6,749.4	22,420.3	34,566.2	7,380.5	26,483.2	75.3	†	90.7	264.0	272.5	35,179.4	
1996.....	135,227.8	99,609.0	48,027.9	22,030.6	6,742.4	22,808.2	35,618.7	11,670.6	23,337.0	43.4	†	43.9	257.8	266.0	36,784.0	
1997.....	141,234.7	100,847.4	48,526.6	21,828.7	6,867.7	23,624.4	40,387.2	13,456.0	26,210.4	72.1	†	68.4	252.5	327.9	38,468.2	
1998.....	146,060.5	104,195.8	50,785.8	21,405.1	6,975.1	25,029.7	41,864.7	14,089.9	27,099.2	61.0	†	33.9	263.2	317.6	40,020.5	
1999.....	151,536.7	110,714.1	53,361.0	23,583.8	7,105.4	26,663.8	40,822.7	13,298.2	26,865.0	44.5	†	33.4	261.7	319.9	49,916.7	
2000.....	155,839.1	112,040.2	57,087.4	19,565.9	7,149.9	28,237.0	43,798.9	13,488.7	29,606.9	43.4	†	65.2	260.3	334.3	51,461.1	
2001.....	166,156.0	120,605.3	61,710.1	18,995.3	7,476.9	32,423.0	45,550.7	13,523.3	31,400.5	31.8	†	101.7	234.0	259.4	52,719.9	
2002.....	187,711.4	136,636.9	66,001.8	28,731.0	7,879.2	34,024.9	51,074.6	14,624.4	35,789.6	31.3	†	130.1	240.2	259.0	—	
2003.....	208,064.5	151,624.1	72,260.8	35,962.9	7,963.7	35,436.7	56,440.4	14,591.3	41,194.4	40.2	†	125.6	246.3	242.6	—	
2004.....	219,450.9	156,930.3	74,249.7	38,436.0	7,794.1	36,450.6	62,520.6	15,216.5	46,533.7	39.1	†	120.9	289.2	321.2	—	
2005.....	232,049.8	167,100.0	78,811.8	44,101.4	7,895.7	36,291.1	64,949.9	14,777.7	49,469.3	0.0	†	115.4	281.2	306.3	—	
2006.....	250,496.2	183,746.5	78,299.3	63,742.1	7,807.5	33,897.7	66,749.7	13,990.5	52,208.5	0.0	†	110.4	226.2	214.1	—	
2007.....	225,999.4	156,399.2	75,931.3	40,217.0	7,744.8	32,506.1	69,600.2	13,978.4	55,089.3	0.0	†	107.3	220.1	205.0	—	
2008.....	228,850.3	150,153.1	74,482.5	37,687.8	8,162.2	29,820.6	78,697.2	18,859.9	59,331.0	0.0	†	101.5	208.1	196.7	—	
2009.....	272,638.0	172,610.3	90,814.8	37,677.1	8,462.8	35,655.7 <sup>11</sup>	100,027.7	30,649.8	68,825.5	0.0	†	101.0	207.2	244.3	—	
2010.....	288,686.6	182,397.9	88,784.0	50,874.1	9,458.3	33,281.6 <sup>11</sup>	106,288.7	85,898.0	19,894.8	0.0	†	99.4	203.8	192.7	—	
2011 <sup>11</sup> .....	—	—	78,509.2	64,310.0	9,427.3	—	116,582.0	116,098.0	0.0	0.0	†	98.0	196.0	190.0	—	

—Not available.

†Not applicable.

<sup>1</sup>On-budget support includes federal funds for education programs tied to appropriations. Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits excluded because data before fiscal year (FY) 1990 are not available. This program existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts range from \$4,440,000,000 in FY 1990 to an estimated \$9,300,000,000 in FY 2011.

<sup>2</sup>Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

<sup>3</sup>Other education includes libraries, museums, cultural activities, and miscellaneous research.

<sup>4</sup>The William D. Ford Federal Direct Loan Program (commonly referred to as the Direct Loan Program) provides students with the same benefits they were eligible to receive under the Federal Family Education Loan (FFEL) Program, but provides loans to students through federal capital rather than through private lenders.

<sup>5</sup>The Federal Family Education Loan (FFEL) Program, formerly known as the Guaranteed Student Loan Program, provided student loans guaranteed by the federal government and disbursed to borrowers. After June 30, 2010, no new FFEL loans have been originated; all new loans are originated through the Direct Loan Program.

<sup>6</sup>Student loans created from institutional matching funds (since 1993 one-third of federal capital contributions). Excludes repayments of outstanding loans.

<sup>7</sup>Student loans created from institutional matching funds (one-ninth of the federal contribution). This was a demonstration project that involved only 10 institutions and had unsubsidized interest rates. Program repealed in fiscal year 1992.

<sup>8</sup>Formerly the State Student Incentive Grant Program. Starting in fiscal year 2000, amounts under \$30.0 million have required dollar-for-dollar state matching contributions, while amounts over \$30.0 million have required two-to-one state matching contributions.

<sup>9</sup>Institutions award grants to undergraduate students, and the federal share of such grants may not exceed 75 percent of the total grant.

<sup>10</sup>Employer contributions to student earnings are generally one-third of federal allocation.

<sup>11</sup>Estimated.

<sup>12</sup>Data adjusted by the federal funds composite deflator reported in the U.S. Office of Management and Budget, *Budget of the U.S. Government, Historical Tables, Fiscal Year 2012*.

NOTE: To the extent possible, federal education funds data represent outlays rather than obligations. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding. The increase in postsecondary expenditures in 2006 resulted primarily from an accounting adjustment.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 through 2012. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 through 2010. (This table was prepared October 2011.)

**Table 385. Federal on-budget funds for education, by agency: Selected fiscal years, 1970 through 2010**

[In thousands of current dollars]

Agency	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b> .....	<b>\$12,526,499</b>	<b>\$34,493,502</b>	<b>\$51,624,342</b>	<b>\$71,639,520</b>	<b>\$85,944,203</b>	<b>\$146,206,999</b>	<b>\$145,697,988</b>	<b>\$145,003,074</b>	<b>\$167,475,371</b>	<b>\$179,860,409</b>
Department of Education.....	4,625,224	13,137,785	23,198,575	31,403,000	34,106,697	72,893,301	71,808,014	72,177,819	85,224,697	91,893,199
Department of Agriculture .....	960,910	4,562,467	6,260,843	9,092,089	11,080,031	13,817,553	15,547,977	16,588,529	16,746,491	19,373,581
Department of Commerce .....	13,990	135,561	53,835	88,929	114,575	243,948	200,374	193,612	235,892	191,801
Department of Defense .....	821,388	1,560,301	3,605,509	3,879,002	4,525,080	6,320,454	6,322,843	6,578,416	6,910,849	7,183,444
Department of Energy .....	551,527	1,605,558	2,561,950	2,692,314	3,577,004	4,339,879	3,382,683	2,469,637	4,486,785	4,569,987
Department of Health and Human Services.....	1,796,854	5,613,930	7,956,011	12,469,563	17,670,867	26,107,860	26,350,200	26,487,590	28,905,843	28,042,141
Department of Homeland Security ...	†	†	†	†	†	624,860	484,118	410,580	558,386	538,499
Department of Housing and Urban Development.....	114,709	5,314	118	1,613	1,400	1,100	400	400	200	600
Department of the Interior .....	190,975	440,547	630,537	702,796	959,802	1,254,533	1,102,615	1,056,504	975,816	989,380
Department of Justice.....	15,728	60,721	99,775	172,350	278,927	608,148	829,010	824,050	890,458	947,063
Department of Labor .....	424,494	1,862,738	2,511,380	3,967,914	4,696,100	5,764,500	5,249,800	5,070,500	6,073,400	6,826,800
Department of State .....	59,742	25,188	51,225	54,671	388,349	533,309	587,120	638,280	655,520	729,520
Department of Transportation.....	27,534	54,712	76,186	135,816	117,054	126,900	127,500	143,378	155,733	178,146
Department of the Treasury.....	18	1,247,463	41,715	49,496	83,000	0	100	100	0	100
Department of Veterans Affairs.....	1,032,918	2,351,233	757,476	1,324,382	1,577,374	4,293,624	5,256,399	4,527,232	4,763,479	8,802,944
<b>Other agencies and programs</b>										
ACTION .....	†	2,833	8,472	†	†	†	†	†	†	†
Agency for International Development.....	88,034	176,770	249,786	290,580	332,500	602,100	657,700	635,320	641,425	573,100
Appalachian Regional Commission..	37,838	19,032	93	10,623	7,243	8,542	7,463	7,176	6,106	5,070
Barry Goldwater Scholarship and Excellence in Education Foundation.....	†	†	1,033	3,000	3,000	3,000	3,000	3,000	3,000	4,000
Corporation for National and Community Service .....	†	†	†	214,600	386,000	472,000	395,000	333,000	401,000	965,000
Environmental Protection Agency.....	19,446	41,083	87,481	125,721	98,900	83,400	68,900	44,500	53,000	56,600
Estimated education share of federal aid to the District of Columbia.....	33,019	81,847	104,940	78,796	127,127	154,962	168,156	149,722	157,465	159,670
Federal Emergency Management Agency.....	290	1,946	215	170,400	14,894	†	†	†	†	†
General Services Administration .....	14,775	34,800	†	†	†	†	†	†	†	†
Harry S Truman Scholarship fund.....	†	-1,895	2,883	3,000	3,000	3,000	3,000	3,000	2,000	2,000
Institute of American Indian and Alaska Native Culture and Arts Development.....	†	†	4,305	13,000	2,000	6,000	6,000	7,000	8,000	8,000
Institute of Museum and Library Services.....	†	†	†	†	166,000	250,000	258,000	253,000	265,000	265,000
James Madison Memorial Fellowship Foundation.....	†	†	191	2,000	7,000	2,000	2,000	2,000	2,000	2,000
Japanese-United States Friendship Commission .....	†	2,294	2,299	2,000	3,000	3,000	2,000	2,000	2,000	2,000
Library of Congress .....	29,478	151,871	189,827	241,000	299,000	430,000	463,000	434,000	468,000	516,000
National Aeronautics and Space Administration.....	258,366	255,511	1,093,303	1,757,900	2,077,830	2,763,120	1,651,205	1,154,900	1,217,300	1,191,500
National Archives and Records Administration.....	†	†	77,397	105,172	121,879	276,000	273,000	279,000	329,000	339,000
National Commission on Libraries and Information Science.....	†	2,090	3,281	1,000	2,000	1,000	1,000	1,000	†	†
National Endowment for the Arts.....	340	5,220	5,577	9,421	10,048	10,976	11,767	12,808	12,918	14,413
National Endowment for the Humanities.....	8,459	142,586	141,048	151,727	100,014	117,825	121,086	124,162	134,533	267,583
National Science Foundation.....	295,628	808,392	1,588,891	2,086,195	2,955,244	3,993,216	4,262,057	4,298,290	7,057,771	5,085,561
Nuclear Regulatory Commission.....	†	32,590	42,328	22,188	12,200	15,100	10,100	2,200	7,800	9,900
Office of Economic Opportunity.....	1,092,410	†	†	†	†	†	†	†	†	†
Smithsonian Institution .....	2,461	5,153	5,779	9,961	25,764	45,890	46,101	64,768	61,104	63,107
United States Arms Control Agency.	100	661	25	†	†	†	†	†	†	†
United States Information Agency ....	8,423	66,210	201,547	294,800	†	†	†	†	†	†
United States Institute of Peace .....	†	†	7,621	12,000	13,000	28,000	32,000	17,000	49,000	58,000
Other agencies .....	1,421	990	885	500	300	7,900	6,300	8,600	13,400	5,700

†Not applicable.

<sup>1</sup>Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits excluded from total because data before fiscal year (FY) 1990 are not available. This program existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts are as follows: \$4,440,000,000 in FY 1990, \$7,510,000,000 in FY 1995, \$8,020,000,000 in FY 2000, \$8,300,000,000 in FY 2005, \$8,200,000,000 in FY 2007, \$8,600,000,000 in FY 2008, \$8,800,000,000 in FY 2009, and \$9,000,000,000 in FY 2010.

<sup>2</sup>Estimated.

NOTE: To the extent possible, amounts reported represent outlays, rather than obligations. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding. Negative amounts occur when program receipts exceed outlays. SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1972 through 2012. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 to 2010. (This table was prepared October 2011.)

**Table 386. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2011**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,2</sup>	2011 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total</b> .....	<b>\$12,526,499</b>	<b>\$34,493,502</b>	<b>\$51,624,342</b>	<b>\$71,639,520</b>	<b>\$85,944,203</b>	<b>\$146,206,999</b>	<b>\$145,697,988</b>	<b>\$145,003,074</b>	<b>\$167,475,371</b>	<b>\$179,860,409</b>	<b>—</b>
<b>Elementary/secondary education</b> .....	<b>5,830,442</b>	<b>16,027,686</b>	<b>21,984,361</b>	<b>33,623,809</b>	<b>43,790,783</b>	<b>68,957,711</b>	<b>70,735,875</b>	<b>71,927,854</b>	<b>88,113,117</b>	<b>87,548,802</b>	<b>\$78,509,229</b>
Department of Education <sup>3</sup> .....	2,719,204	6,629,095	9,681,313	14,029,000	20,039,563	37,477,594	37,562,078	38,330,372	52,468,074	49,621,475	38,693,642
Education for the disadvantaged.....	1,339,014	3,204,664	4,494,111	6,808,000	8,529,111	14,635,566	14,486,936	14,872,535	15,880,530	15,864,666	15,535,933
Impact aid program <sup>4</sup> .....	656,372	690,170	816,366	808,000	877,101	1,262,174	1,162,814	1,247,691	1,307,847	1,276,183	1,273,631
School improvement programs <sup>5</sup> .....	288,304	788,918	1,189,158	1,397,000	2,549,971	7,918,091	7,083,651	7,077,721	19,600,501	16,999,862	6,741,663
Indian education.....	†	93,365	69,451	71,000	65,285	121,911	117,992	115,780	118,241	127,282	127,027
English Language Acquisition.....	21,250	169,540	188,919	225,000	362,662	667,485	728,703	700,395	709,750	750,000	733,530
Special education.....	79,090	821,777	1,616,623	3,177,000	4,948,977	10,940,312	11,777,258	12,280,101	12,768,786	12,587,035	12,542,912
Vocational and adult education.....	335,174	860,661	1,306,685	1,482,000	1,462,977	1,967,086	1,955,780	1,894,706	2,034,226	2,016,447	1,738,946
Education Reform—Goals 2000 <sup>6</sup> .....	†	†	†	61,000	1,243,479	-35,031	†	†	†	†	†
Hurricane Education Recovery.....	†	†	†	†	†	†	248,944	141,443	48,193	†	†
Department of Agriculture.....	760,477	4,064,497	5,528,950	8,201,294	10,051,278	12,577,265	14,245,994	15,296,812	15,273,387	17,875,561	19,978,556
Child nutrition programs <sup>7</sup> .....	299,131	3,377,056	4,977,075	7,644,789	9,554,028	11,901,943	13,081,994	13,932,120	13,714,903	16,383,421	18,489,136
McGovern-Dole International Food for Education and Child Nutrition Program <sup>8</sup> .....	†	†	†	†	†	86,000	98,000	89,000	133,000	210,000	215,000
Agricultural Marketing Service—commodities <sup>9</sup> .....	341,597	388,000	350,441	400,000	400,000	399,322	878,000	1,097,210	1,237,008	1,100,000	1,085,000
Special Milk Program.....	83,800	159,293	18,707	( <sup>†</sup> )	( <sup>†</sup> )	( <sup>†</sup> )	( <sup>†</sup> )	( <sup>†</sup> )	( <sup>†</sup> )	( <sup>†</sup> )	( <sup>†</sup> )
Estimated education share of Forest Service permanent appropriations.....	35,949	140,148	182,727	156,505	97,250	190,000	188,000	178,482	188,476	182,140	189,420
Department of Commerce.....	†	54,816	†	†	†	†	†	†	†	†	†
Local public works program—school facilities <sup>10</sup> .....	†	54,816	†	†	†	†	†	†	†	†	†
Department of Defense.....	143,100	370,846	1,097,876	1,295,547	1,485,611	1,786,253	1,772,293	1,863,835	1,887,223	1,981,321	2,051,799
Junior Reserve Officers Training Corps (JROTC).....	12,100	32,000	39,300	155,600	210,432	315,122	324,917	352,821	358,256	359,689	377,526
Overseas dependents schools.....	131,000	338,846	864,958	855,772	904,829	1,060,920	1,062,367	1,110,108	1,110,476	1,186,560	1,224,578
Domestic schools <sup>4</sup> .....	†	†	193,618	284,175	370,350	410,211	385,009	400,906	418,491	435,072	449,695
Department of Energy.....	200	77,633	15,563	12,646	†	†	†	†	†	†	†
Energy conservation for school buildings <sup>11</sup> .....	†	77,240	15,213	10,746	†	†	†	†	†	†	†
Pre-engineering program.....	200	393	350	1,900	†	†	†	†	†	†	†
Department of Health and Human Services.....	167,333	1,077,000	2,396,793	5,116,559	6,011,036	8,003,348	7,901,700	8,003,300	9,738,023	8,547,000	8,539,300
Head Start <sup>12</sup> .....	†	735,000	1,447,758	3,534,000	5,267,000	6,842,348	6,888,000	6,877,000	8,499,123	7,234,000	7,235,000
Payments to states for Aid for Families with Dependent Children (AFDC) work programs <sup>13</sup> .....	†	†	459,221	953,000	15,000	—	—	—	—	—	—
Social Security student benefits <sup>14</sup> .....	167,333	342,000	489,814	629,559	729,036	1,161,000	1,013,700	1,126,300	1,238,900	1,313,000	1,304,300
Department of Homeland Security.....	†	†	†	†	†	500	500	2,600	2,600	1,900	2,100
Tuition assistance for educational accreditation—Coast Guard personnel <sup>15</sup> .....	†	†	†	†	†	500	500	2,600	2,600	1,900	2,100
Department of the Interior.....	140,705	318,170	445,267	493,124	725,423	938,506	859,720	822,106	782,543	783,075	804,196
Mineral Leasing Act and other funds.....	†	†	†	†	†	†	†	†	†	†	†
Payments to states—estimated education share.....	12,294	62,636	123,811	18,750	24,610	60,290	52,030	50,913	24,610	23,000	20,700
Payments to counties—estimated education share.....	16,359	48,953	102,522	37,490	53,500	79,686	71,034	72,743	53,500	50,000	45,000
Indian Education.....	†	†	†	†	†	†	†	†	†	†	†
Bureau of Indian Education schools.....	95,850	178,112	192,841	411,524	466,905	517,647	518,700	540,734	560,799	582,492	583,572
Johnson-O'Malley assistance <sup>16</sup> .....	16,080	28,081	25,556	24,359	17,387	16,510	12,000	13,782	13,797	13,589	13,415
Education construction.....	†	†	†	†	161,021	263,373	204,956	142,935	128,837	112,994	140,509
Education expenses for children of employees, Yellowstone National Park.....	122	388	538	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Department of Justice.....	8,237	23,890	65,997	128,850	224,800	554,500	719,600	769,825	821,065	876,200	875,000
Vocational training expenses for prisoners in federal prisons.....	2,720	4,966	2,066	3,000	1,000	0	6,000	1,025	1,065	2,600	2,000
Inmate programs <sup>17</sup> .....	5,517	18,924	63,931	125,850	223,800	554,500	713,600	768,800	820,000	873,600	873,000

See notes at end of table.

**Table 386. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2011—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,2</sup>	2011 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Department of Labor.....	420,927	1,849,800	2,505,487	3,957,800	4,683,200	5,654,000	5,226,000	5,070,000	6,073,000	6,826,000	6,474,000
Job Corps.....	†	469,800	739,376	1,029,000	1,256,000	1,521,000	1,605,000	763,000	1,612,000	1,850,000	1,714,000
Training programs—estimated funds for education programs <sup>18</sup> .....	420,927	1,380,000	1,766,111	2,928,800	3,427,200	4,133,000	3,621,000	4,307,000	4,461,000	4,976,000	4,760,000
Department of Transportation.....	45	60	46	62	188	†	†	†	†	†	†
Tuition assistance for educational accreditation—Coast Guard personnel <sup>15</sup> .....	45	60	46	62	188	†	†	†	†	†	†
Department of the Treasury.....	†	935,903	†	†	†	†	†	†	†	†	†
Estimated education share of general revenue sharing <sup>19</sup>											
State <sup>20</sup> .....	†	525,019	†	†	†	†	†	†	†	†	†
Local.....	†	410,884	†	†	†	†	†	†	†	†	†
Department of Veterans Affairs.....	338,910	545,786	155,351	311,768	445,052	1,815,000	2,300,564	1,628,100	919,139	760,500	821,838
Noncollegiate and job training programs <sup>21</sup> .....	281,640	439,993	12,848	†	†	†	†	†	†	†	†
Vocational rehabilitation for disabled veterans <sup>22</sup> .....	41,700	87,980	136,780	298,132	438,635	1,815,000	2,300,564	1,628,100	919,139	760,500	821,838
Dependents' education <sup>23</sup> .....	15,570	17,813	5,723	5,961	6,417	—	—	—	—	—	—
Service members occupational conversion training act of 1992.....	†	†	†	7,675	†	†	†	†	†	†	†
Other agencies											
Appalachian Regional Commission.....	33,161	9,157	93	2,173	2,588	2,962	1,110	1,000	1,141	986	922
National Endowment for the Arts.....	†	4,989	4,641	7,117	6,002	8,470	8,825	9,606	9,916	11,530	10,876
Arts in education.....	†	4,989	4,641	7,117	6,002	8,470	8,825	9,606	9,916	11,530	10,876
National Endowment for the Humanities.....	20	330	404	997	812	603	75	0	0	125,054	120,000
Office of Economic Opportunity.....	1,072,375	†	†	†	†	†	†	†	†	†	†
Head Start <sup>24</sup> .....	325,700	†	†	†	†	†	†	†	†	†	†
Other elementary and secondary programs <sup>25</sup> .....	42,809	†	†	†	†	†	†	†	†	†	†
Job Corps <sup>26</sup> .....	144,000	†	†	†	†	†	†	†	†	†	†
Youth Corps and other training programs <sup>26</sup> .....	553,368	†	†	†	†	†	†	†	†	†	†
Volunteers in Service to America (VISTA) <sup>27</sup> .....	6,498	†	†	†	†	†	†	†	†	†	†
Other programs											
Estimated education share of federal aid to the District of Columbia.....	25,748	65,714	86,579	66,871	115,230	138,710	137,416	130,298	137,006	138,200	137,000
<b>Postsecondary education.....</b>	<b>\$3,447,697</b>	<b>\$11,115,882</b>	<b>\$13,650,915</b>	<b>\$17,618,137</b>	<b>\$15,008,715</b>	<b>\$38,587,287</b>	<b>\$37,465,287</b>	<b>\$36,395,182</b>	<b>\$36,556,292</b>	<b>\$50,166,341</b>	<b>\$64,309,984</b>
Department of Education <sup>3</sup> .....	1,187,962	5,682,242	11,175,978	14,234,000	10,727,315	31,420,023	30,052,007	28,838,752	27,626,632	36,539,655	48,880,279
Student financial assistance.....	†	3,682,789	5,920,328	7,047,000	9,060,317	15,209,515	15,355,736	17,751,084	23,040,153	25,959,478	43,412,061
Direct Loan Program <sup>28</sup> .....	†	†	†	840,000	-2,862,240	3,020,992	5,391,146	5,333,920	1,406,154	3,481,859	2,781,709
Federal Family Education Loan Program <sup>29</sup> .....	2,323	1,407,977	4,372,446	5,190,000	2,707,473	10,777,470	6,033,322	3,288,531	526,894	3,932,994	-123,447
Higher education.....	1,029,131	399,787	659,492	871,000	1,530,779	2,053,288	2,399,892	2,029,379	2,241,074	2,740,665	2,388,946
Facilities—loans and insurance.....	114,199	-19,031	19,219	-6,000	-2,174	-1,464	-1,671	-1,688	-497	-8,360	-8,361
College housing loans <sup>30</sup> .....	†	14,082	-57,167	-46,000	-41,886	-33,521	-20,722	-17,529	-17,662	-16,725	-16,725
Educational activities overseas.....	774	3,561	82	†	†	†	†	†	†	†	†
Historically Black Colleges and Universities Capital Financing, Program Account.....	†	†	†	†	150	169	318,840	18,222	1,476	23,330	23,289
Gallaudet College and Howard University.....	38,559	176,829	230,327	292,000	291,060	339,823	351,665	343,164	353,310	357,977	357,261
National Technical Institute for the Deaf.....	2,976	16,248	31,251	46,000	43,836	53,751	57,836	58,308	63,682	68,437	65,546
Hurricane Katrina, aid to institutions.....	†	†	†	†	†	†	165,963	35,361	12,048	†	†
Department of Agriculture.....	†	10,453	31,273	33,373	30,676	61,957	64,357	66,709	73,150	80,697	81,658
Agriculture Extension Service, Second Morrill Act payments to agricultural and mechanical colleges and Tuskegee Institute.....	†	10,453	31,273	33,373	30,676	61,957	64,357	66,709	73,150	80,697	81,658
Department of Commerce.....	8,277	29,971	3,312	3,487	3,800	—	—	—	—	—	—
Sea Grant Program <sup>31</sup> .....	†	3,123	3,312	3,487	3,800	—	—	—	—	—	—
Merchant Marine Academy <sup>32</sup> .....	6,160	14,809	†	†	†	†	†	†	†	†	†
State marine schools <sup>32</sup> .....	2,117	12,039	†	†	†	†	†	†	†	†	†

See notes at end of table.

**Table 386. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2011—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,2</sup>	2011 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Department of Defense.....	322,100	545,000	635,769	729,500	1,147,759	1,858,301	1,846,850	1,975,323	2,262,772	2,550,667	2,297,234
Tuition assistance for military personnel .....	57,500		95,300	127,000	263,303	608,109	607,515	603,610	657,702	669,892	567,412
Service academies .....	78,700	106,700	120,613	163,300	212,678	300,760	354,528	359,127	371,156	402,640	348,836
Senior Reserve Officers Training Corps (SROTC) .....	108,100		193,056	219,400	363,461	537,525	434,687	549,633	653,591	885,500	851,910
Professional development education <sup>33</sup> .....	77,800	—	226,800	219,800	308,317	411,907	450,120	462,953	580,323	592,635	529,076
Department of Energy .....	3,000	57,701	25,502	28,027	†	†	†	†	†	†	†
University laboratory cooperative program.....	3,000	2,800	9,402	8,552	†	†	†	†	†	†	†
Teacher development projects .....	†	1,400	†	†	†	†	†	†	†	†	†
Energy conservation for buildings—higher education <sup>11</sup> .....	†	53,501	7,459	7,381	†	†	†	†	†	†	†
Minority honors vocational training .....	†	†	†	†	†	†	†	†	†	†	†
Honors research program .....	†	†	6,472	2,221	†	†	†	†	†	†	†
Students and teachers.....	†	†	2,169	9,873	†	†	†	†	†	†	†
Department of Health and Human Services.....	981,483	2,412,058	578,542	796,035	954,190	1,433,516	1,159,279	1,184,856	1,235,850	1,297,671	1,303,365
Health professions training programs <sup>34</sup> .....	353,029	460,736	230,600	298,302	340,361	581,661	302,081	318,225	354,322	406,000	408,000
Indian health manpower.....	†	7,187	9,508	27,000	16,000	27,000	32,000	29,000	36,000	46,000	41,000
National Health Service Corps scholarships.....	†	70,667	4,759	78,206	33,300	45,000	40,000	40,000	40,000	41,000	41,000
National Institutes of Health training grants <sup>35</sup> .....	†	176,388	241,356	380,502	550,220	756,014	761,034	770,481	776,313	775,186	780,944
National Institute of Occupational Safety and Health training grants .....	8,088	12,899	10,461	11,660	14,198	23,841	24,164	27,150	29,215	29,485	32,421
Alcohol, drug abuse, and mental health training programs <sup>36</sup> .....	118,366	122,103	81,353	†	†	†	†	†	†	†	†
Health teaching facilities <sup>37</sup> .....	†	3,078	505	365	110	†	†	†	†	†	†
Social Security postsecondary students' benefits <sup>38</sup> .....	502,000	1,559,000	†	†	†	†	†	†	†	†	†
Department of Homeland Security .....	†	†	†	†	†	36,400	48,900	52,400	52,700	57,539	61,300
Coast Guard Academy <sup>15</sup> .....	†	†	†	†	†	16,400	23,400	21,500	21,500	24,239	25,100
Postgraduate training for Coast Guard officers <sup>39</sup> .....	†	†	†	†	†	8,700	12,800	17,000	18,300	16,800	18,100
Tuition assistance to Coast Guard military personnel <sup>15</sup> .....	†	†	†	†	†	11,300	12,700	13,900	12,900	16,500	18,100
Department of Housing and Urban Development <sup>30</sup> .....	114,199	†	†	†	†	†	†	†	†	†	†
College housing loans <sup>30</sup> .....	114,199	†	†	†	†	†	†	†	†	†	†
Department of the Interior.....	31,749	80,202	135,480	159,054	187,179	249,227	176,695	180,497	147,873	160,805	93,027
Shared revenues, Mineral Leasing Act and other receipts—estimated education share .....	6,949	35,403	69,980	82,810	98,740	146,235	52,400	52,743	15,749	16,250	13,780
Indian programs .....											
Continuing education.....	9,380	16,909	34,911	43,907	57,576	76,271	98,463	101,795	106,029	113,504	48,310
Higher education scholarships.....	15,420	27,890	30,589	32,337	30,863	26,721	25,832	25,959	26,095	31,051	30,937
Department of State .....	30,850	†	2,167	3,000	319,000	424,000	473,000	522,000	537,000	609,000	643,000
Educational exchange <sup>40</sup> .....	30,850	†	†	†	319,000	424,000	473,000	522,000	537,000	609,000	643,000
Mutual educational and cultural exchange activities .....	30,454	†	†	†	303,000	402,000	453,000	503,000	517,000	585,000	616,000
International educational exchange activities.....	396	†	†	†	16,000	22,000	20,000	19,000	20,000	24,000	27,000
Russian, Eurasian, and East European Research and Training .....	†	†	2,167	3,000	†	†	†	†	†	†	†
Department of Transportation.....	11,197	12,530	46,025	59,257	60,300	73,000	74,000	72,000	69,000	95,000	99,000
Merchant Marine Academy <sup>32</sup> .....	†	†	20,926	30,850	34,000	61,000	61,000	59,000	54,000	79,000	80,000
State marine schools <sup>32</sup> .....	†	†	8,269	8,980	7,000	12,000	13,000	13,000	15,000	16,000	19,000
Coast Guard Academy <sup>15</sup> .....	9,342	10,000	12,074	13,500	15,500	†	†	†	†	†	†
Postgraduate training for Coast Guard officers <sup>39</sup> .....	1,655	2,230	4,173	5,513	2,500	†	†	†	†	†	†
Tuition assistance to Coast Guard military personnel <sup>15</sup> .....	200	300	582	414	1,300	†	†	†	†	†	†
Department of the Treasury.....	†	296,750	†	†	†	†	†	†	†	†	†
General revenue sharing—estimated state share to higher education <sup>19,20</sup> .....	†	296,750	†	†	†	†	†	†	†	†	†
Department of Veterans Affairs.....	693,490	1,803,847	599,825	1,010,114	1,132,322	2,478,624	2,955,835	2,899,132	3,844,340	8,042,444	10,131,521
Vietnam-era veterans .....	638,260	1,579,974	46,998	†	†	†	†	†	†	†	†
College student support .....	†	1,560,081	39,458	†	†	†	†	†	†	†	†
Work-study .....	†	19,893	7,540	†	†	†	†	†	†	†	†

See notes at end of table.



**Table 386. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2011—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,2</sup>	2011 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Service persons college support.....	18,900	46,617	8,911	†	†	†	†	†	†	†	†
Post-Vietnam veterans .....	†	922	161,475	33,596	3,958	1,136	914	891	448	894	719
All-volunteer-force educational assistance.....	†	†	269,947	868,394	984,068	2,070,996	2,227,531	2,296,543	3,013,559	1,854,917	1,535,900
Veterans .....	†	†	183,765	760,390	876,434	1,887,239	2,081,097	2,145,475	2,669,960	1,659,694	1,305,270
Reservists .....	†	†	86,182	108,004	107,634	183,757	146,434	151,068	343,599	195,223	230,630
Post 9-11 GI Bill <sup>41</sup> .....	†	†	†	†	†	†	†	†	162,053	5,542,843	7,939,707
Veteran dependents' education.....	36,330	176,334	100,494	95,124	131,296	388,719	511,793	434,733	469,360	507,294	536,378
Payments to state education agencies.....	†	†	12,000	13,000	13,000	17,773	—	—	—	—	—
Reserve Education Assistance Program (REAP) <sup>42</sup> .....	†	†	†	†	†	†	215,597	166,965	198,920	136,496	118,817
<b>Other agencies</b>											
Appalachian Regional Commission .....	4,105	1,751	—	2,741	2,286	4,407	3,498	3,120	2,985	2,464	2,600
National Endowment for the Humanities .....	3,349	56,451	50,938	56,481	28,395	29,253	40,446	36,472	40,795	47,949	47,000
National Science Foundation .....	42,000	64,583	161,884	211,800	389,000	490,000	527,000	531,000	629,000	646,000	631,000
Science and engineering education programs .....	37,000	64,583	161,884	211,800	389,000	490,000	527,000	531,000	629,000	646,000	631,000
Sea Grant Program <sup>31</sup> .....	5,000	†	†	†	†	†	†	†	†	†	†
United States Information Agency <sup>43</sup> .....	8,423	51,095	181,172	260,800	†	†	†	†	†	†	†
Educational and cultural affairs <sup>40</sup> .....	†	49,546	35,862	13,600	†	†	†	†	†	†	†
Educational and cultural exchange programs <sup>44</sup> .....	†	†	145,307	247,200	†	†	†	†	†	†	†
Educational exchange activities, international.....	†	1,549	3	†	†	†	†	†	†	†	†
Information center and library activities.....	8,423	†	†	†	†	†	†	†	†	†	†
<b>Other programs</b>											
Barry Goldwater Scholarship and Excellence in Education Foundation .....	†	†	1,033	3,000	3,000	3,000	3,000	3,000	3,000	4,000	4,000
Estimated education share of federal aid to the District of Columbia.....	5,513	13,143	14,637	9,468	11,493	14,578	29,418	17,920	19,195	20,450	21,000
Harry S Truman Scholarship fund .....	†	-1,895	2,883	3,000	3,000	3,000	3,000	3,000	2,000	2,000	3,000
Institute of American Indian and Alaska Native Culture and Arts Development .....	†	†	4,305	13,000	2,000	6,000	6,000	7,000	8,000	8,000	9,000
James Madison Memorial Fellowship Foundation .....	†	†	191	2,000	7,000	2,000	2,000	2,000	2,000	2,000	2,000
<b>Other education</b> .....	<b>\$964,719</b>	<b>\$1,548,730</b>	<b>\$3,383,031</b>	<b>\$4,719,655</b>	<b>\$5,484,571</b>	<b>\$6,908,504</b>	<b>\$7,214,906</b>	<b>\$7,882,220</b>	<b>\$8,211,022</b>	<b>\$9,326,725</b>	<b>\$9,427,276</b>
Department of Education <sup>3</sup> .....	630,235	747,706	2,251,801	2,861,000	3,223,355	3,538,862	3,756,445	4,544,966	4,551,389	5,073,063	5,303,333
Administration .....	47,456	187,317	328,293	404,000	458,054	548,842	539,378	1,252,527	1,339,034	1,531,232	1,793,923
Libraries <sup>45</sup> .....	108,284	129,127	137,264	117,000	†	†	†	†	†	†	†
Rehabilitative services and disability research .....	473,091	426,886	1,780,360	2,333,000	2,755,468	2,973,346	3,177,031	3,242,297	3,185,719	3,506,861	3,474,718
American Printing House for the Blind .....	1,404	4,349	5,736	7,000	9,368	16,538	18,359	19,522	26,627	24,600	24,551
Trust funds and contributions .....	0	27	148	0	465	136	21,677	30,620	9	10,370	10,141
Department of Agriculture.....	135,637	271,112	352,511	422,878	444,477	468,631	515,026	517,208	542,754	567,423	552,030
Extension Service .....	131,734	263,584	337,907	405,371	424,174	445,631	491,026	494,208	519,754	543,423	530,030
National Agricultural Library.....	3,903	7,528	14,604	17,507	20,303	23,000	24,000	23,000	23,000	24,000	22,000
Department of Commerce .....	1,226	2,479	†	†	†	†	†	†	†	†	†
Maritime Administration											
Training for private sector employees <sup>32</sup> .....	1,226	2,479	†	†	†	†	†	†	†	†	†
Department of Health and Human Services .....	24,273	37,819	77,962	138,000	214,000	313,000	307,000	323,000	331,000	340,000	341,000
National Library of Medicine .....	24,273	37,819	77,962	138,000	214,000	313,000	307,000	323,000	331,000	340,000	341,000
Department of Homeland Security .....	†	†	†	†	†	278,243	307,076	264,523	351,120	341,100	380,480
Federal Law Enforcement Training Center <sup>46</sup> .....	†	†	†	†	†	159,000	280,000	245,000	331,000	323,000	348,000
Estimated disaster relief <sup>47</sup> .....	†	†	†	†	†	119,243	27,076	19,523	20,120	18,100	32,480
Department of Justice.....	5,546	27,642	26,920	36,296	34,727	26,148	28,056	28,425	28,993	33,563	33,563
Federal Bureau of Investigation National Academy .....	2,066	7,234	6,028	12,831	22,479	15,619	16,727	17,062	17,403	19,443	19,443
Federal Bureau of Investigation Field Police Academy .....	2,500	7,715	10,548	11,140	11,962	10,456	11,308	11,343	11,570	14,120	14,120
Narcotics and dangerous drug training .....	980	2,416	850	325	286	73	20	20	20	†	†
National Institute of Corrections.....	†	10,277	9,494	12,000	†	†	†	†	†	†	†

See notes at end of table.

**Table 386. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2011—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,2</sup>	2011 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Department of State .....	20,672	25,000	47,539	51,648	69,349	109,309	114,120	116,280	118,520	120,520	120,000
Foreign Service Institute .....	15,857	25,000	47,539	51,648	69,349	109,309	114,120	116,280	118,520	120,520	120,000
Center for Cultural and Technical Interchange <sup>40</sup> .....	4,815	†	†	†	†	†	†	†	†	†	†
Department of Transportation .....	3,964	10,212	1,507	650	700	1,100	200	178	133	146	150
Highways training and education grants .....	2,418	3,412	—	—	—	—	—	—	—	—	—
Maritime Administration											
Training for private sector employees <sup>30</sup> .....	†	†	1,507	650	700	1,100	200	178	133	146	150
Urban mass transportation—managerial training grants .....	1,546	500	†	†	†	†	†	†	†	†	†
Federal Aviation Administration											
Air traffic controllers second career program .....	—	6,300	—	—	—	—	—	—	—	—	—
Department of the Treasury .....	18	14,584	41,488	48,000	83,000	†	†	†	†	†	†
Federal Law Enforcement Training Center <sup>46</sup> .....	18	14,584	41,488	48,000	83,000	†	†	†	†	†	†
Other agencies											
ACTION <sup>48</sup> .....	†	2,833	8,472	†	†	†	†	†	†	†	†
Estimated education funds .....	†	2,833	8,472	†	†	†	†	†	†	†	†
Agency for International Development .....	88,034	99,707	170,371	260,408	299,000	574,000	629,200	608,420	612,025	542,700	771,300
Education and human resources .....	61,570	80,518	142,801	248,408	299,000	574,000	629,200	608,420	612,025	542,700	771,300
American schools and hospitals abroad .....	26,464	19,189	27,570	12,000	†	†	†	†	†	†	†
Appalachian Regional Commission .....	572	8,124	†	5,709	2,369	1,173	2,855	3,056	1,980	1,620	1,600
Corporation for National and Community Service <sup>48</sup> .....	†	†	†	214,600	386,000	472,000	395,000	333,000	401,000	965,000	565,000
Estimated education funds .....	†	†	†	214,600	386,000	472,000	395,000	333,000	401,000	965,000	565,000
Federal Emergency Management Agency <sup>49</sup> .....	290	281	215	170,400	14,894	†	†	†	†	†	†
Estimated architect/engineer student development program .....	40	31	200	—	—	†	†	†	†	†	†
Estimated other training programs <sup>50</sup> .....	250	250	15	—	—	†	†	†	†	†	†
Estimated disaster relief <sup>47</sup> .....	—	—	—	170,400	14,894	†	†	†	†	†	†
General Services Administration											
Libraries and other archival activities <sup>51</sup> .....	14,775	34,800	†	†	†	†	†	†	†	†	†
Institute of Museum and Library Services <sup>45</sup> .....	†	†	†	†	166,000	250,000	258,000	253,000	265,000	265,000	277,000
Japanese-United States Friendship Commission .....	†	2,294	2,299	2,000	3,000	3,000	2,000	2,000	2,000	2,000	3,000
Library of Congress .....	29,478	151,871	189,827	241,000	299,000	430,000	463,000	434,000	468,000	516,000	530,000
Salaries and expenses .....	20,700	102,364	148,985	198,000	247,000	383,000	413,000	395,000	420,000	439,000	456,000
Books for the blind and the physically handicapped .....	6,195	31,436	37,473	39,000	46,000	47,000	50,000	39,000	48,000	77,000	74,000
Special foreign currency program .....	2,273	3,492	10	†	†	†	†	†	†	†	†
Furniture and furnishings .....	310	14,579	3,359	4,000	6,000	—	—	—	—	—	—
National Aeronautics and Space Administration											
Aerospace education services project .....	350	882	3,300	5,923	6,800	—	—	—	—	—	—
National Archives and Records Administration											
Libraries and other archival activities <sup>51</sup> .....	†	†	77,397	105,172	121,879	276,000	273,000	279,000	329,000	339,000	335,000
National Commission on Libraries and Information Science <sup>52</sup> .....	†	2,090	3,281	1,000	2,000	1,000	1,000	1,000	†	†	†
National Endowment for the Arts .....	340	231	936	2,304	4,046	2,506	2,942	3,202	3,002	2,883	2,719
National Endowment for the Humanities .....	5,090	85,805	89,706	94,249	70,807	87,969	80,564	87,690	93,738	94,580	94,000
Smithsonian Institution .....	2,461	5,153	5,779	9,961	25,764	45,890	46,101	64,768	61,104	63,107	66,119
Museum programs and related research .....	2,261	3,254	690	3,190	18,000	32,000	37,000	55,600	51,000	52,000	54,000
National Gallery of Art extension service .....	200	426	474	771	764	890	101	168	104	107	119
Woodrow Wilson International Center for Scholars .....	†	1,473	4,615	6,000	7,000	13,000	9,000	9,000	10,000	11,000	12,000

See notes at end of table.

**Table 386. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2011—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,2</sup>	2011 <sup>1,2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
U.S. Information Agency—Center for Cultural and Technical Interchange <sup>40</sup> .....	†	15,115	20,375	34,000	†	†	†	†	†	†	†
U.S. Institute of Peace.....	†	†	7,621	12,000	13,000	28,000	32,000	17,000	49,000	58,000	50,000
Other programs											
Estimated education share of federal aid for the District of Columbia.....	1,758	2,990	3,724	2,457	404	1,674	1,321	1,504	1,264	1,020	982
<b>Research programs at universities and related institutions<sup>53</sup>.....</b>	<b>\$2,283,641</b>	<b>\$5,801,204</b>	<b>\$12,606,035</b>	<b>\$15,677,919</b>	<b>\$21,660,134</b>	<b>\$31,753,498</b>	<b>\$30,281,920</b>	<b>\$28,797,817</b>	<b>\$34,594,940</b>	<b>\$32,818,541</b>	—
Department of Education <sup>54</sup> .....	87,823	78,742	89,483	279,000	116,464	456,822	437,484	463,729	578,602	659,006	\$608,786
Department of Agriculture.....	64,796	216,405	348,109	434,544	553,600	709,700	722,600	707,800	857,200	849,900	—
Department of Commerce.....	4,487	48,295	50,523	85,442	110,775	243,948	200,374	193,612	235,892	191,801	—
Department of Defense.....	356,188	644,455	1,871,864	1,853,955	1,891,710	2,675,900	2,703,700	2,739,258	2,760,854	2,651,456	—
Department of Energy.....	548,327	1,470,224	2,520,885	2,651,641	3,577,004	4,339,879	3,382,683	2,469,637	4,486,785	4,569,987	—
Department of Health and Human Services.....	623,765	2,087,053	4,902,714	6,418,969	10,491,641	16,357,996	16,982,221	16,976,434	17,600,970	17,857,470	—
Department of Homeland Security.....	†	†	†	†	†	309,717	127,642	91,057	151,966	137,960	—
Department of Housing and Urban Development.....	510	5,314	118	1,613	1,400	1,100	400	400	200	600	—
Department of the Interior.....	18,521	42,175	49,790	50,618	47,200	66,800	66,200	53,900	45,400	45,500	—
Department of Justice.....	1,945	9,189	6,858	7,204	19,400	27,500	81,354	25,800	40,400	37,300	—
Department of Labor.....	3,567	12,938	5,893	10,114	12,900	110,500	23,800	500	400	800	—
Department of State.....	8,220	188	1,519	23	†	†	†	†	†	†	†
Department of Transportation.....	12,328	31,910	28,608	75,847	55,866	52,800	53,300	71,200	86,600	83,000	—
Department of the Treasury.....	†	226	227	1,496	†	†	100	100	†	100	—
Department of Veterans Affairs.....	518	1,600	2,300	2,500	†	†	†	†	†	†	†
Agency for International Development.....	†	77,063	79,415	30,172	33,500	28,100	28,500	26,900	29,400	30,400	—
Environmental Protection Agency.....	19,446	41,083	87,481	125,721	98,900	83,400	68,900	44,500	53,000	56,600	—
Federal Emergency Management Agency.....	†	1,665	†	†	†	†	†	†	†	†	†
National Aeronautics and Space Administration.....	258,016	254,629	1,090,003	1,751,977	2,071,030	2,763,120	1,651,205	1,154,900	1,217,300	1,191,500	—
National Science Foundation.....	253,628	743,809	1,427,007	1,874,395	2,566,244	3,503,216	3,735,057	3,767,290	6,428,771	4,439,561	—
Nuclear Regulatory Commission.....	†	32,590	42,328	22,188	12,200	15,100	10,100	2,200	7,800	9,900	—
Office of Economic Opportunity.....	20,035	†	†	†	†	†	†	†	†	†	†
U.S. Arms Control and Disarmament Agency.....	100	661	25	†	†	†	†	†	†	†	†
Other agencies.....	1,421	990	885	500	300	7,900	6,300	8,600	13,400	5,700	—

See notes at end of table.

**Table 386. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2011—Continued**

—Not available.

†Not applicable.

<sup>1</sup>Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits excluded from total because data before fiscal year (FY) 1990 are not available. This program existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts are as follows: \$4,440,000,000 in FY 1990, \$7,510,000,000 in FY 1995, \$8,020,000,000 in FY 2000, \$8,300,000,000 in FY 2005, \$8,200,000,000 in FY 2007, \$8,600,000,000 in FY 2008, \$8,800,000,000 in FY 2009, \$9,000,000,000 in FY 2010, and an estimated \$9,300,000,000 in FY 2011.

<sup>2</sup>Data for research programs at universities and related institutions are estimated.

<sup>3</sup>The U.S. Department of Education was created in May 1980. It formerly was the Office of Education in the U.S. Department of Health, Education, and Welfare.

<sup>4</sup>Arranges for the education of children who reside on federal property when no suitable local school district can or will provide for the education of these children.

<sup>5</sup>Includes many programs, such as No Child Left Behind, 21st Century Community Learning Centers, Class Size Reduction, Charter Schools, Safe and Drug-Free Schools, and Innovative programs.

<sup>6</sup>Included the School-To-Work Opportunities program, which initiated a national system to be administered jointly by the U.S. Departments of Education and Labor. Programs in the Education Reform program were transferred to the school improvement programs or discontinued in FY 2002. Amounts after FY 2002 reflect balances that are spending out from prior-year appropriations.

<sup>7</sup>Starting in FY 1994, the Special Milk Program has been included in the child nutrition programs.

<sup>8</sup>The Farm Security and Rural Investment Act of 2002 (Public Law 107-171) carries out preschool and school feeding programs in foreign countries to help reduce the incidence of hunger and malnutrition, and improve literacy and primary education.

<sup>9</sup>These commodities are purchased under Section 32 of the Act of August 24, 1935, for use in the child nutrition programs.

<sup>10</sup>Assisted in the construction of public facilities, such as vocational schools, through grants or loans. No funds have been appropriated for this program since FY 1977, and it was completely phased out in FY 1984.

<sup>11</sup>Established in 1979, with funds first appropriated in FY 1980.

<sup>12</sup>Formerly in the Office of Economic Opportunity. In FY 1972, funds were transferred to the U.S. Department of Health, Education, and Welfare, Office of Child Development.

<sup>13</sup>Created by the Family Support Act of 1988 to provide funds for the Job Opportunities and Basic Skills Training program. Later incorporated into the Temporary Assistance for Needy Families program.

<sup>14</sup>After age 18, benefits terminate at the end of the school term or in 3 months, whichever comes first.

<sup>15</sup>Transferred from the U.S. Department of Transportation to the U.S. Department of Homeland Security in March 2003.

<sup>16</sup>Provides funding for supplemental programs for eligible American Indian students in public schools.

<sup>17</sup>Finances the cost of academic, social, and occupational education courses for inmates in federal prisons.

<sup>18</sup>Some of the work and training programs were in the Office of Economic Opportunity and were transferred to the U.S. Department of Labor in FYs 1971 and 1972. From FY 1994 through FY 2001, included the School-to-Work Opportunities program, which was administered jointly by the U.S. Departments of Education and Labor.

<sup>19</sup>Established in FY 1972 and closed in FY 1986.

<sup>20</sup>The states' share of revenue-sharing funds could not be spent on education in FYs 1981 through 1986.

<sup>21</sup>Provided educational assistance allowances in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977.

<sup>22</sup>This program is in "Readjustment Benefits" program, Chapter 31, and covers the costs of subsistence, tuition, books, supplies, and equipment for disabled veterans requiring vocational rehabilitation.

<sup>23</sup>This program is in "Readjustment Benefits" program, Chapter 35, and provides benefits to children and spouses of veterans.

<sup>24</sup>Head Start program funds were transferred to the U.S. Department of Health, Education, and Welfare, Office of Child Development, in FY 1972.

<sup>25</sup>Most of these programs were transferred to the U.S. Department of Health, Education, and Welfare, Office of Education, in FY 1972.

<sup>26</sup>Transferred to the U.S. Department of Labor in FYs 1971 and 1972.

<sup>27</sup>Transferred to the ACTION Agency in FY 1972.

<sup>28</sup>Under the William D. Ford Federal Direct Loan Program (commonly referred to as the Direct Loan Program), the federal government uses Treasury funds to provide loan capital directly to schools, which then disburse loan funds to students.

<sup>29</sup>The Federal Family Education Loan (FFEL) Program eliminated the authorization to originate new FFEL loans after June 30, 2010; all new loans are originated through the Direct Loan Program. The FFEL Program made loan capital available to

students and their families through private lenders. State and private nonprofit guaranty agencies administer the federal guarantee protecting FFEL lenders against losses related to borrower default. These agencies also collect on defaulted loans and provide other services to lenders.

<sup>30</sup>Transferred from the U.S. Department of Housing and Urban Development to the U.S. Department of Health, Education, and Welfare, Office of Education, in FY 1979.

<sup>31</sup>Transferred from the National Science Foundation to the U.S. Department of Commerce in October 1970.

<sup>32</sup>Transferred from the U.S. Department of Commerce to the U.S. Department of Transportation in FY 1981.

<sup>33</sup>Includes special education programs (military and civilian); legal education program; flight training; advanced degree program; college degree program (officers); and "Armed Forces Health Professions Scholarship" program.

<sup>34</sup>Does not include higher education assistance loans.

<sup>35</sup>Alcohol, drug abuse, and mental health training programs are included starting in FY 1992.

<sup>36</sup>Beginning in FY 1992, data were included in the National Institutes of Health training grants program.

<sup>37</sup>This program closed in FY 2004.

<sup>38</sup>Postsecondary student benefits were ended by the Omnibus Budget Reconciliation Act of 1981 (Public Law 97-35) and were completely phased out by August 1985.

<sup>39</sup>Includes flight training. Transferred to the U.S. Department of Homeland Security in March 2003.

<sup>40</sup>Transferred from the U.S. Department of State to the United States Information Agency in 1977, then transferred back to the U.S. Department of State in FY 1998.

<sup>41</sup>Chapter 33 was enacted in the "Post 9-11 Veterans Educational Assistance Act of 2008" (Public Law 110-252).

<sup>42</sup>Part of the Ronald W. Reagan National Defense Authorization Act for FY 2005 (Public Law 108-375), enacted October 28, 2004. The Reserve Education Assistance Program (REAP) provides educational assistance to members of the National Guard and Reserves who serve on active duty in support of a contingency operation under federal authority on or after September 11, 2001.

<sup>43</sup>Abolished in FY 1998, with functions transferred to the U.S. Department of State and the newly created Broadcasting Board of Governors.

<sup>44</sup>Included in the "Educational and Cultural Affairs" program in FYs 1980 through 1983, and became an independent program in FY 1984.

<sup>45</sup>Transferred from U.S. Department of Education to the Institute of Museum and Library Services in FY 1997.

<sup>46</sup>Transferred to the U.S. Department of Homeland Security in FY 2003.

<sup>47</sup>The disaster relief program repairs and replaces damaged and destroyed school buildings. This program was transferred from the Federal Emergency Management Agency to the U.S. Department of Homeland Security in FY 2003.

<sup>48</sup>The National Service Trust Act of 1993 established the Corporation for National and Community Service. In 1993, ACTION became part of this agency.

<sup>49</sup>The Federal Emergency Management Agency was created in 1979, representing a combination of five existing agencies. The funds for the Federal Emergency Management Agency in FY 1970 to FY 1975 were in other agencies. This agency was transferred to the U.S. Department of Homeland Security in March 2003.

<sup>50</sup>These programs include the Fall-Out Shelter Analysis, Blast Protection Design through FY 1992. Starting in FY 1993, earthquake training and safety for teachers and administrators for grades 1 through 12 are included.

<sup>51</sup>Transferred from the General Services Administration to the National Archives and Records Administration in April 1985.

<sup>52</sup>Public Law 110-161 transferred the National Commission on Libraries and Information Science to the Institute of Museum and Library Services starting in FY 2008.

<sup>53</sup>Includes federal obligations for research and development centers and R & D plant administered by colleges and universities. FY 2009 and FY 2010 data are estimated, except the U.S. Department of Education data, which are actual numbers.

<sup>54</sup>FY 1970 includes outlays for the "Research and Training" program. FY 1975 includes the "National Institute of Education" program. FYs 1990 through 2009 include outlays for the Office of Educational Research and Improvement and the Institute of Education Sciences.

NOTE: Some data have been revised from previously published figures. To the extent possible, amounts reported represent outlays rather than obligations. Detail may not sum to totals because of rounding. Negative amounts occur when program receipts exceed outlays.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1972 through 2012. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 through 2010. (This table was prepared October 2011.)

**Table 387. Estimated federal support for education, by type of ultimate recipient and agency: Fiscal year 2010**  
 [In millions of current dollars]

Agency	Total	Local education agencies	State education agencies	Post-secondary students	Degree-granting institutions	Federal institutions	Other education organizations <sup>1</sup>	Other recipients <sup>2</sup>
1	2	3	4	5	6	7	8	9
<b>Total<sup>3</sup></b> .....	<b>\$284,670.4</b>	<b>\$55,181.8</b>	<b>\$10,175.4</b>	<b>\$71,422.5</b>	<b>\$101,773.1</b>	<b>\$16,403.3</b>	<b>\$22,699.0</b>	<b>\$7,015.2</b>
<b>Total program funds—on-budget</b> .....	<b>179,860.4</b>	<b>55,181.8</b>	<b>9,586.8</b>	<b>30,579.6</b>	<b>51,822.4</b>	<b>7,086.0</b>	<b>22,699.0</b>	<b>2,904.7</b>
Department of Education.....	91,893.2	38,136.9	8,744.6	18,616.4	18,027.3	2,677.1	3,888.2	1,802.5
Department of Agriculture .....	19,373.6	15,746.4	819.2	†	930.6	24.0	1,310.0	543.4
Department of Commerce .....	191.8	†	†	†	191.8	†	†	†
Department of Defense .....	7,183.4	359.7	†	886.6	3,320.3	2,024.2	592.6	†
Department of Energy .....	4,570.0	†	†	†	4,570.0	†	†	†
Department of Health and Human Services.....	28,042.1	723.4	†	1,853.5	18,407.0	340.0	6,718.3	†
Department of Homeland Security .....	538.5	12.7	†	20.9	157.7	347.2	†	†
Department of Housing and Urban Development.....	0.6	†	†	†	0.6	†	†	†
Department of the Interior .....	989.4	64.6	23.0	31.1	61.8	582.5	226.5	†
Department of Justice.....	947.1	†	†	†	37.3	36.2	873.6	†
Department of Labor .....	6,826.8	†	†	†	0.8	†	6,826.0	†
Department of State .....	729.5	†	†	†	†	120.5	609.0	†
Department of Transportation.....	178.1	†	†	†	83.0	79.0	†	16.0
Department of Veterans Affairs.....	8,802.9	†	†	8,802.9	†	†	†	†
<b>Other agencies and programs</b>								
Agency for International Development.....	573.1	†	†	†	30.4	†	†	542.7
Appalachian Regional Commission .....	5.1	†	†	†	2.5	†	2.6	†
Barry Goldwater Scholarship and Excellence in Education Foundation.....	4.0	†	†	†	†	†	4.0	†
Corporation for National and Community Service .....	965.0	†	†	†	†	†	965.0	†
Environmental Protection Agency.....	56.6	†	†	†	56.6	†	†	†
Estimated education share of federal aid to the District of Columbia.....	159.7	138.2	†	†	20.5	†	1.0	†
Harry S Truman scholarship fund .....	2.0	†	†	†	†	†	2.0	†
Institute of American Indian and Alaska Native Culture and Arts Development .....	8.0	†	†	†	†	†	8.0	†
Institute of Museum and Library Services .....	265.0	†	†	†	†	†	265.0	†
James Madison Memorial Fellowship Foundation .....	2.0	†	†	†	†	†	2.0	†
Japanese-United States Friendship Commission.....	2.0	†	†	†	†	†	2.0	†
Library of Congress .....	516.0	†	†	†	†	516.0	†	†
National Aeronautics and Space Administration .....	1,191.5	†	†	†	1,191.5	†	†	†
National Archives and Records Administration.....	339.0	†	†	†	†	339.0	†	†
National Endowment for the Arts.....	14.4	†	†	†	†	†	14.4	†
National Endowment for the Humanities .....	267.6	†	†	†	†	†	267.6	†
National Science Foundation.....	5,085.6	†	†	368.2	4,717.4	†	†	†
Nuclear Regulatory Commission.....	9.9	†	†	†	9.9	†	†	†
Smithsonian Institution .....	63.1	†	†	†	†	0.1	63.0	†
U.S. Institute of Peace .....	58.0	†	†	†	†	†	58.0	†
Other agencies.....	5.7	†	†	†	5.7	†	†	†
<b>Off-budget support and nonfederal funds generated by federal legislation</b> .....	<b>104,810.0</b>	<b>†</b>	<b>588.6</b>	<b>40,842.9</b>	<b>49,950.7</b>	<b>9,317.3</b>	<b>†</b>	<b>4,110.5</b>

†Not applicable.

<sup>1</sup>Includes Head Start programs at child care centers, Job Corps and other vocational programs, adult basic education programs, and federal programs at libraries and museums.

<sup>2</sup>Other recipients include American Indian tribes, private nonprofit agencies, and banks.

<sup>3</sup>Includes on-budget funds, off-budget support, and nonfederal funds generated by federal legislation. Excludes federal tax expenditures.

NOTE: Outlays by type of recipient are estimated based on obligation data. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix, Fiscal Year 2012*. National Science Foundation, *Federal Funds for Research and Development, fiscal years 2008, 2009, and 2010*. (This table was prepared November 2011.)

**Table 388. U.S. Department of Education outlays, by type of recipient and level of education: Selected fiscal years, 1980 through 2011**  
[In millions of current dollars]

Year and level of education	Total	Local education agencies	State education agencies	Postsecondary students	Postsecondary institutions	Federal institutions	Other education organizations <sup>1</sup>	Other recipients <sup>2</sup>
1	2	3	4	5	6	7	8	9
<b>1980 total</b> .....	<b>\$13,137.8</b>	<b>\$5,313.7</b>	<b>\$1,103.2</b>	<b>\$2,137.4</b>	<b>\$2,267.2</b>	<b>\$249.8</b>	<b>\$693.8</b>	<b>\$1,372.7</b>
Elementary/secondary.....	6,629.1	5,309.4	662.2	34.2	22.0	62.5	513.4	25.5
Postsecondary.....	5,682.2	†	99.5	2,103.2	2,166.5	†	†	1,313.0
Other programs.....	747.7	4.3	341.5	†	†	187.3	180.4	34.2
Education research and statistics.....	78.7	†	†	†	78.7	†	†	†
<b>1985 total</b> .....	<b>16,701.1</b>	<b>6,225.0</b>	<b>1,502.9</b>	<b>2,434.7</b>	<b>2,362.3</b>	<b>287.3</b>	<b>503.9</b>	<b>3,385.0</b>
Elementary/secondary.....	7,296.7	6,220.8	636.0	58.0	25.2	2.4	322.4	31.9
Postsecondary.....	8,202.5	†	228.3	2,376.7	2,308.3	†	†	3,289.2
Other programs.....	1,173.1	4.2	638.6	†	†	284.9	181.5	63.9
Education research and statistics.....	28.8	†	†	†	28.8	†	†	†
<b>1990 total</b> .....	<b>23,198.6</b>	<b>8,000.7</b>	<b>2,490.3</b>	<b>3,859.6</b>	<b>3,649.8</b>	<b>441.4</b>	<b>912.2</b>	<b>3,844.4</b>
Elementary/secondary.....	9,681.3	7,995.0	700.3	80.5	85.4	113.1	650.7	56.3
Postsecondary.....	11,176.0	†	261.6	3,779.1	3,475.0	†	†	3,660.4
Other programs.....	2,251.8	5.7	1,528.5	†	†	328.3	261.5	127.8
Education research and statistics.....	89.5	†	†	†	89.5	†	†	†
<b>1995 total</b> .....	<b>31,403.0</b>	<b>11,210.7</b>	<b>3,584.0</b>	<b>4,964.7</b>	<b>5,016.1</b>	<b>485.4</b>	<b>1,349.2</b>	<b>4,792.9</b>
Elementary/secondary.....	14,029.0	11,203.3	1,410.0	190.5	170.1	70.3	946.9	37.9
Postsecondary.....	14,234.0	†	250.8	4,774.2	4,567.0	†	†	4,642.0
Other programs.....	2,861.0	7.4	1,923.2	†	†	415.1	402.3	113.0
Education research and statistics.....	279.0	†	†	†	279.0	†	†	†
<b>2000 total</b> .....	<b>34,106.7</b>	<b>16,016.0</b>	<b>4,316.5</b>	<b>4,711.7</b>	<b>5,005.7</b>	<b>506.6</b>	<b>1,820.2</b>	<b>1,730.1</b>
Elementary/secondary.....	20,039.6	16,003.5	1,989.6	260.5	198.9	48.5	1,461.8	76.8
Postsecondary.....	10,727.3	†	55.2	4,451.2	4,690.3	†	†	1,530.6
Other programs.....	3,223.4	12.5	2,271.7	†	†	458.1	358.4	122.7
Education research and statistics.....	116.5	†	†	†	116.5	†	†	†
<b>2002 total</b> .....	<b>46,324.4</b>	<b>19,742.1</b>	<b>4,967.8</b>	<b>8,306.0</b>	<b>8,668.2</b>	<b>608.9</b>	<b>2,200.3</b>	<b>1,831.3</b>
Elementary/secondary.....	25,246.2	19,729.2	2,429.8	490.0	454.9	77.6	1,829.5	235.3
Postsecondary.....	17,056.2	†	199.2	7,816.0	7,588.1	†	†	1,452.9
Other programs.....	3,396.8	12.9	2,338.8	†	†	531.3	370.8	143.1
Education research and statistics.....	625.2	†	†	†	625.2	†	†	†
<b>2003 total</b> .....	<b>57,442.9</b>	<b>23,837.7</b>	<b>6,164.6</b>	<b>11,032.5</b>	<b>10,731.8</b>	<b>657.8</b>	<b>2,478.9</b>	<b>2,539.6</b>
Elementary/secondary.....	30,749.3	23,882.8	3,141.1	594.3	637.4	109.5	2,105.6	338.6
Postsecondary.....	22,706.4	†	668.6	10,438.2	9,542.5	†	†	2,057.2
Other programs.....	3,435.2	14.9	2,354.9	†	†	548.3	373.3	143.8
Education research and statistics.....	551.9	†	†	†	551.9	†	†	†
<b>2004 total</b> .....	<b>62,903.4</b>	<b>26,012.4</b>	<b>6,334.5</b>	<b>12,005.0</b>	<b>10,977.0</b>	<b>648.9</b>	<b>2,730.1</b>	<b>4,195.4</b>
Elementary/secondary.....	33,689.4	25,990.0	3,611.7	606.2	642.5	126.4	2,300.0	412.6
Postsecondary.....	25,341.0	†	420.9	11,398.8	9,899.3	†	†	3,621.9
Other programs.....	3,437.8	22.4	2,301.9	†	†	522.5	430.1	160.9
Education research and statistics.....	435.2	†	†	†	435.2	†	†	†
<b>2005 total</b> .....	<b>72,893.3</b>	<b>28,900.2</b>	<b>7,126.3</b>	<b>14,708.2</b>	<b>13,362.4</b>	<b>669.8</b>	<b>3,023.0</b>	<b>5,103.4</b>
Elementary/secondary.....	37,477.6	28,878.6	3,971.6	698.1	790.0	145.9	2,578.4	415.0
Postsecondary.....	31,420.0	†	777.1	14,010.1	12,115.6	†	†	4,517.2
Other programs.....	3,538.9	21.6	2,377.6	†	†	523.9	444.6	171.2
Education research and statistics.....	456.8	†	†	†	456.8	†	†	†
<b>2006 total</b> .....	<b>93,571.5</b>	<b>30,236.6</b>	<b>8,331.3</b>	<b>22,955.1</b>	<b>21,376.1</b>	<b>693.2</b>	<b>2,902.3</b>	<b>7,076.8</b>
Elementary/secondary.....	38,863.4	30,214.8	4,098.7	741.5	775.1	168.6	2,455.5	409.2
Postsecondary.....	50,624.6	†	1,702.4	22,213.6	20,210.5	†	†	6,498.1
Other programs.....	3,692.9	21.8	2,530.2	†	†	524.6	446.8	169.5
Education research and statistics.....	390.5	†	†	†	390.5	†	†	†
<b>2007 total</b> .....	<b>71,808.0</b>	<b>29,008.8</b>	<b>7,429.4</b>	<b>14,269.9</b>	<b>13,877.6</b>	<b>613.2</b>	<b>2,931.5</b>	<b>3,677.7</b>
Elementary/secondary.....	37,562.1	28,990.4	4,018.7	824.4	781.5	73.8	2,460.7	412.6
Postsecondary.....	30,052.0	†	805.5	13,445.5	12,658.6	†	†	3,084.6
Other programs.....	3,756.4	18.4	2,605.2	†	†	539.4	413.0	180.5
Education research and statistics.....	437.5	†	†	†	437.5	†	†	†
<b>2008 total</b> .....	<b>72,177.8</b>	<b>29,553.0</b>	<b>7,377.7</b>	<b>14,371.2</b>	<b>13,585.9</b>	<b>1,348.8</b>	<b>2,997.9</b>	<b>2,943.3</b>
Elementary/secondary.....	38,330.4	29,533.5	4,100.2	859.6	800.2	96.3	2,518.1	422.5
Postsecondary.....	28,838.8	†	618.8	13,511.6	12,322.0	†	†	2,328.1
Other programs.....	4,545.0	19.5	2,658.7	†	†	1,252.5	421.5	192.7
Education research and statistics.....	463.7	†	†	†	463.7	†	†	†
<b>2009 total</b> .....	<b>85,224.7</b>	<b>40,300.0</b>	<b>8,402.8</b>	<b>14,828.8</b>	<b>14,782.5</b>	<b>1,415.3</b>	<b>4,068.7</b>	<b>1,426.6</b>
Elementary/secondary.....	52,468.1	40,273.4	5,562.4	893.8	1,325.9	76.3	3,590.7	745.4
Postsecondary.....	27,626.6	†	228.0	13,935.0	12,878.0	†	†	521.9
Other programs.....	4,551.4	26.6	2,612.3	†	†	1,339.0	414.1	159.3
Education research and statistics.....	578.6	†	†	†	578.6	†	†	†
<b>2010 total</b> .....	<b>91,893.2</b>	<b>38,137.0</b>	<b>8,744.6</b>	<b>18,616.4</b>	<b>18,027.3</b>	<b>2,677.1</b>	<b>3,888.2</b>	<b>1,802.5</b>
Elementary/secondary.....	49,621.5	38,112.4	5,287.1	881.1	1,216.3	84.0	3,363.9	676.7
Postsecondary.....	36,539.7	†	581.9	17,735.3	16,152.0	1,061.9	†	940.1
Other programs.....	5,073.1	24.6	2,875.6	†	†	1,531.2	455.9	185.7
Education research and statistics.....	659.0	†	†	†	659.0	†	†	†
<b>2011 total</b> .....	<b>93,486.0</b>	<b>29,914.9</b>	<b>7,145.2</b>	<b>26,120.2</b>	<b>24,641.3</b>	<b>2,107.0</b>	<b>2,963.9</b>	<b>593.4</b>
Elementary/secondary.....	38,693.6	29,890.3	4,175.2	878.0	801.3	82.6	2,446.7	419.4
Postsecondary.....	48,880.3	†	120.7	25,242.2	23,231.2	230.5	†	-9.9
Other programs.....	5,303.3	24.6	2,849.3	†	†	1,793.9	451.7	183.9
Education research and statistics.....	608.8	†	†	†	608.8	†	†	†

†Not applicable.

<sup>1</sup>Includes funds for vocational education and for federal programs at libraries and museums.<sup>2</sup>Other recipients include American Indian tribes, private nonprofit agencies, and banks.

NOTE: Outlays by type of recipient are estimated based on obligation data. Negative amounts occur when program receipts exceed outlays. The increase in postsecondary expenditures in

2006 resulted primarily from an accounting adjustment. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal years 1982 through 2012. U.S. Department of Education, Budget Service, unpublished tabulations. (This table was prepared November 2011.)

**Table 389. U.S. Department of Education appropriations for major programs, by state or jurisdiction: Fiscal year 2010**  
 [In thousands of current dollars]

State or jurisdiction	Total	Grants for the disadvantaged <sup>1</sup>	Block grants to states for school improvement <sup>2</sup>	School assistance in federally affected areas <sup>3</sup>	Career/technical and adult education <sup>4</sup>	Special education <sup>5</sup>	Language assistance <sup>6</sup>	American Indian education	Degree-granting institutions <sup>7</sup>	Student financial assistance <sup>8</sup>	Rehabilitation services <sup>9</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total, 50 states and D.C.<sup>10</sup> .....</b>	<b>\$91,662,814</b>	<b>\$14,810,243</b>	<b>\$14,561,583</b>	<b>\$1,132,631</b>	<b>\$1,839,462</b>	<b>\$12,032,103</b>	<b>\$689,038</b>	<b>\$104,331</b>	<b>\$2,398,719</b>	<b>\$40,916,472</b>	<b>\$3,178,230</b>
<b>Total, 50 states, D.C., other activities, and other jurisdictions.....</b>	<b>94,907,411</b>	<b>15,559,686</b>	<b>15,045,434</b>	<b>1,204,111</b>	<b>1,909,241</b>	<b>12,318,737</b>	<b>750,000</b>	<b>104,331</b>	<b>2,455,431</b>	<b>42,248,347</b>	<b>3,312,093</b>
Alabama .....	1,642,683	232,673	231,102	2,753	33,647	192,188	3,776	1,680	82,647	799,389	62,828
Alaska .....	341,726	46,845	48,699	120,999	5,566	39,590	1,162	11,422	17,098	36,719	13,627
Arizona .....	3,523,568	325,711	303,243	170,413	40,611	199,607	24,081	11,217	36,098	2,343,949	68,639
Arkansas .....	985,324	170,160	146,878	298	20,396	120,669	3,302	307	39,753	436,918	46,643
California .....	10,460,614	1,941,074	1,741,844	63,826	232,417	1,309,657	173,295	6,522	251,868	4,429,125	310,986
Colorado .....	1,318,026	170,448	218,411	16,129	24,633	165,393	11,172	764	31,581	636,388	43,107
Connecticut .....	812,409	121,746	154,619	4,682	16,347	140,977	5,681	0	16,497	318,135	33,726
Delaware .....	232,007	44,072	52,525	52	6,808	37,126	1,171	0	7,884	69,108	13,261
District of Columbia .....	616,230	50,226	42,750	1,081	6,055	19,357	740	0	251,781	228,483	15,757
Florida .....	5,277,428	775,083	778,927	7,720	109,265	668,442	44,368	67	68,913	2,654,320	170,323
Georgia .....	3,006,465	545,230	472,555	22,017	62,579	347,855	16,360	0	76,266	1,381,318	82,285
Hawaii .....	331,891	45,659	64,515	38,057	8,249	42,777	2,934	0	25,590	88,391	15,719
Idaho .....	451,986	55,990	78,433	6,017	9,388	59,485	2,237	419	13,044	208,697	18,277
Illinois .....	3,982,067	641,402	614,558	18,577	71,393	537,844	30,536	145	70,690	1,871,343	125,580
Indiana .....	1,833,211	268,336	293,291	124	38,409	273,618	7,108	0	19,673	866,128	66,522
Iowa .....	1,290,250	82,957	137,046	304	17,018	129,178	3,159	194	24,986	865,478	29,930
Kansas .....	813,672	118,663	134,570	25,241	15,466	114,421	3,791	1,232	30,768	337,820	31,700
Kentucky .....	1,396,901	244,979	215,669	682	31,406	172,672	3,594	0	50,571	627,270	50,059
Louisiana .....	1,537,833	332,952	249,620	8,075	33,944	200,402	3,147	897	61,405	612,941	34,450
Maine .....	376,362	56,215	67,373	2,650	8,134	58,970	802	153	9,431	153,444	19,190
Maryland .....	1,298,137	193,202	245,944	5,419	27,854	212,689	9,602	79	41,795	510,951	50,602
Massachusetts .....	1,647,917	236,930	287,423	662	30,835	299,176	12,777	80	34,421	674,427	71,186
Michigan .....	3,155,430	566,140	501,176	4,187	59,484	422,328	10,883	2,680	44,082	1,435,793	108,677
Minnesota .....	1,403,506	137,931	229,845	18,274	25,513	202,881	8,745	3,513	30,693	695,531	50,579
Mississippi .....	1,220,910	212,893	172,658	1,829	22,813	127,907	1,756	457	46,385	587,273	47,020
Missouri .....	1,745,750	250,766	279,507	22,136	34,716	239,395	4,984	88	29,338	818,479	66,342
Montana .....	361,547	48,537	61,124	42,961	7,142	40,262	551	3,174	27,678	115,347	14,570
Nebraska .....	498,430	69,811	89,489	17,270	9,859	78,983	2,721	822	13,382	93,727	22,365
Nevada .....	481,340	94,928	113,847	3,612	14,750	75,385	8,402	752	16,977	132,841	19,848
New Hampshire .....	302,384	42,126	68,623	8	7,819	50,817	828	0	3,383	114,660	14,118
New Jersey .....	2,064,377	315,910	372,913	13,173	42,128	381,005	20,018	60	28,882	825,620	64,668
New Mexico .....	802,540	120,273	106,094	99,226	13,428	96,567	4,927	8,398	39,861	287,297	26,468
New York .....	6,572,351	1,305,933	978,717	22,069	113,252	810,888	54,757	1,823	74,870	3,021,712	188,330
North Carolina .....	2,512,417	401,228	421,934	15,903	61,012	348,449	15,134	3,477	86,501	1,046,257	112,522
North Dakota .....	278,166	37,680	46,803	30,729	5,566	30,342	506	1,870	16,006	96,097	12,567
Ohio .....	3,385,071	560,380	540,087	1,842	65,949	461,609	8,708	0	43,000	1,598,025	105,471
Oklahoma .....	1,178,773	170,103	187,485	36,471	23,088	155,775	3,939	26,789	49,973	481,421	43,728
Oregon .....	1,055,985	163,899	169,409	2,721	21,181	136,708	8,058	2,166	18,644	491,445	41,755
Pennsylvania .....	3,386,021	611,368	574,039	779	68,484	452,351	13,096	0	48,469	1,481,026	136,410
Rhode Island .....	362,402	53,497	58,113	1,513	8,764	47,228	1,973	0	6,545	169,354	15,416
South Carolina .....	1,357,287	227,061	213,364	2,023	31,340	188,902	4,605	16	54,776	576,748	58,452
South Dakota .....	352,397	46,726	52,295	51,502	5,992	36,229	542	3,719	14,492	128,283	12,616
Tennessee .....	1,819,286	285,793	288,453	3,735	40,882	250,202	5,884	0	46,668	821,276	76,394
Texas .....	7,413,532	1,460,416	1,257,452	98,774	158,845	1,037,884	101,629	391	196,714	2,851,822	249,604
Utah .....	833,532	74,471	134,516	8,360	17,323	117,773	5,303	1,583	16,262	417,776	40,165
Vermont .....	219,164	36,247	44,004	5	5,376	29,412	500	235	10,229	77,462	15,694
Virginia .....	1,924,340	262,958	338,613	39,110	41,372	299,232	11,589	15	47,789	807,438	76,223
Washington .....	1,553,852	215,993	287,213	51,455	32,514	236,392	16,120	3,963	56,629	597,372	56,202
West Virginia .....	641,866	96,120	94,512	11	14,410	81,006	784	0	19,377	278,556	57,090
Wisconsin .....	1,401,049	205,575	257,058	12,731	30,731	223,197	6,800	2,432	40,794	562,504	59,228
Wyoming .....	202,318	34,930	42,243	14,444	5,309	30,902	500	728	7,361	54,587	11,314
Other activities/jurisdictions											
Indian Tribe (Set-Aside) .....	342,426	105,350	76,925	0	14,511	97,635	5,000	0	0	0	43,004
Other .....	269,050	24,248	46,957	71,392	13,185	25,000	48,750	0	0	35,064	4,454
American Samoa .....	46,867	10,541	14,144	0	587	6,879	1,327	0	1,585	10,164	1,641
Guam .....	82,153	12,446	28,371	0	1,071	15,387	1,118	0	1,941	19,263	2,555
Marshall Islands .....	300	0	0	0	0	0	0	0	300	0	0
Federated States of Micronesia .....	34,706	0	0	0	187	6,579	0	0	472	27,467	0
Northern Marianas .....	28,852	3,829	11,495	0	782	5,232	1,242	0	1,668	3,224	1,381
Palau .....	1,091	0	0	0	0	0	0	0	1,091	0	0
Puerto Rico .....	2,379,978	578,865	285,492	0	38,198	120,288	3,463	0	46,492	1,229,105	78,075
U.S. Virgin Islands .....	59,173	14,164	20,467	88	1,257	9,634	63	0	3,161	7,587	2,753

<sup>1</sup>Title I includes Grants to Local Education Agencies (Basic, Concentration, Targeted, and Education Finance Incentive Grants); School Turnaround Grants; Even Start; Migrant Education Grants; Striving Readers Formula Grants; and Neglected and Delinquent Children Grants.

<sup>2</sup>Title VI includes Improving Teacher Quality State Grants; Mathematics and Science Partnerships; Educational Technology State Grants; 21st Century Community Learning Centers; Assessing Achievement, including No Child Left Behind; Education for the Homeless Children and Youth; Rural and Low-Income Schools Program; Education Jobs Fund; and Small, Rural School Achievement Program.

<sup>3</sup>Includes Impact Aid—Basic Support Payments; Impact Aid—Payments for Children with Disabilities; and Impact Aid—Construction.

<sup>4</sup>Includes Career and Technical Education State Grants; English Literacy and Civics Education State Grants; Tech-Prep Education; State Grants for Incarcerated Youth Offenders; State Grants for Workplace and Community Transition Training for Incarcerated Individuals; and Adult Basic and Literacy Education State Grants.

<sup>5</sup>Includes Special Education—Grants to States; Preschool Grants; and Grants for Infants and Families.

<sup>6</sup>Includes English Learner Education.

<sup>7</sup>Includes Institutional Aid to Strengthen Higher Education Institutions serving significant numbers of low-income students; Other Special Programs for the Disadvantaged; Cooperative Education; Fund for the Improvement of Postsecondary Education; Fellowships and Scholarships; and College Access Challenge Funds.

<sup>8</sup>Includes Pell Grants; Leveraging Educational Assistance Partnership; Federal Supplemental Educational Opportunity Grants; Federal Work-Study; Special Allowances; and Federal Family Education Loan Program interest subsidies.

<sup>9</sup>Includes Vocational Rehabilitation State Grants; Supported Employment State Grants; Client Assistance State Grants; Independent Living State Grants; Services for Older Blind Individuals; Centers for Independent Living; Protection and Advocacy for Assistive Technology; Assistive Technology State Grant Program; and Protection and Advocacy of Individual Rights.

<sup>10</sup>Total excludes other activities and other jurisdictions.

NOTE: Data reflect revisions to figures in the *Budget of the United States Government, Fiscal Year 2012*. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. (This table was prepared September 2011.)

**Table 390. Appropriations for Title I and selected other programs under the No Child Left Behind Act of 2001, by program and state or jurisdiction: Fiscal years 2010 and 2011**

[In thousands of current dollars]

State or jurisdiction	Title I total, 2010	Title I, 2011					Assessing Achievement, 2011	Improving Teacher Quality State Grants, 2011
		Total	Grants to local education agencies <sup>1</sup>	State agency programs		Turn-around Grants		
				Neglected and Delinquent	Migrant			
1	2	3	4	5	6	7	8	9
<b>Total, 50 states and D.C.<sup>2</sup></b>	<b>\$14,810,243</b>	<b>\$14,738,332</b>	<b>\$13,794,455</b>	<b>\$48,528</b>	<b>\$383,981</b>	<b>\$511,368</b>	<b>\$370,438</b>	<b>\$2,330,578</b>
<b>Total, 50 states, D.C., other activities, and other jurisdictions</b>	<b>15,559,686</b>	<b>15,442,286</b>	<b>14,463,416</b>	<b>50,326</b>	<b>393,981</b>	<b>534,562</b>	<b>389,951</b>	<b>2,468,054</b>
Alabama	232,673	237,082	225,736	939	2,139	8,268	6,333	38,744
Alaska	46,845	44,889	35,864	234	7,236	1,556	3,537	11,563
Arizona	325,711	334,833	314,894	1,477	6,828	11,634	7,726	38,878
Arkansas	170,160	168,360	156,582	508	5,476	5,794	5,070	23,659
California	1,941,074	1,826,499	1,626,853	1,621	135,023	63,002	30,245	270,981
Colorado	170,448	167,089	153,343	664	7,310	5,772	6,551	27,353
Connecticut	121,746	113,921	107,016	2,006	1,033	3,867	5,477	22,673
Delaware	44,072	44,607	42,390	371	303	1,542	3,604	11,563
District of Columbia	50,226	52,024	49,000	1,177	0	1,847	3,275	11,563
Florida	775,083	793,886	740,529	1,657	23,607	28,093	14,797	110,257
Georgia	545,230	554,539	526,094	1,023	8,195	19,227	10,270	64,699
Hawaii	45,659	50,530	47,568	355	834	1,773	3,872	11,563
Idaho	55,990	60,489	54,120	542	3,706	2,121	4,238	11,563
Illinois	641,402	669,727	642,998	1,093	1,980	23,656	12,239	99,685
Indiana	268,336	272,045	256,459	533	5,706	9,348	7,730	41,706
Iowa	82,957	81,636	76,708	396	1,669	2,862	5,118	18,899
Kansas	118,663	127,545	110,731	347	11,977	4,491	5,100	19,349
Kentucky	244,979	243,164	226,125	934	7,672	8,434	5,985	38,137
Louisiana	332,952	313,447	298,919	1,771	2,564	10,193	6,238	54,419
Maine	56,215	55,799	52,443	193	1,213	1,950	3,826	11,563
Maryland	193,202	191,438	182,671	1,489	524	6,754	6,982	34,924
Massachusetts	236,930	231,202	219,019	2,637	1,670	7,876	7,237	43,964
Michigan	566,140	564,676	535,794	346	8,878	19,658	10,040	96,339
Minnesota	137,931	167,061	158,756	249	2,147	5,909	6,740	33,144
Mississippi	212,893	202,627	193,877	845	1,074	6,830	5,194	36,009
Missouri	250,766	256,317	244,238	1,507	1,573	8,999	7,170	42,200
Montana	48,537	47,399	44,589	121	1,044	1,645	3,649	11,563
Nebraska	69,811	69,770	61,732	318	5,281	2,439	4,318	11,840
Nevada	94,928	101,476	97,381	251	245	3,599	4,924	12,360
New Hampshire	42,126	42,599	40,527	445	152	1,476	3,876	11,563
New Jersey	315,910	315,013	299,989	2,160	2,034	10,830	9,140	55,221
New Mexico	120,273	119,195	113,838	272	955	4,131	4,505	19,135
New York	1,305,933	1,222,881	1,168,409	2,835	10,247	41,390	15,766	196,797
North Carolina	401,228	412,443	390,840	1,279	5,842	14,482	9,645	54,029
North Dakota	37,680	35,650	34,097	74	242	1,236	3,424	11,563
Ohio	560,380	595,603	570,012	1,811	2,751	21,029	11,096	91,323
Oklahoma	170,103	162,269	154,673	378	1,590	5,628	5,681	28,019
Oregon	163,899	163,987	146,454	1,121	10,622	5,790	5,533	23,655
Pennsylvania	611,368	575,819	546,045	755	9,389	19,629	11,308	98,302
Rhode Island	53,497	51,960	49,542	567	69	1,782	3,671	11,563
South Carolina	227,061	230,734	220,624	1,412	582	8,116	6,135	30,730
South Dakota	46,726	46,316	43,702	141	867	1,605	3,577	11,563
Tennessee	285,793	285,669	274,585	531	596	9,957	7,383	41,832
Texas	1,460,416	1,463,538	1,348,969	2,293	61,098	51,178	22,888	201,175
Utah	74,471	86,030	80,212	861	1,913	3,045	5,445	16,018
Vermont	36,247	35,775	33,281	597	657	1,240	3,392	11,563
Virginia	262,958	257,555	245,997	1,820	823	8,915	8,414	43,456
Washington	215,993	236,184	211,175	1,015	15,659	8,335	7,599	39,890
West Virginia	96,120	97,625	93,227	886	84	3,429	4,141	20,546
Wisconsin	205,575	222,847	213,279	1,099	658	7,811	6,952	39,917
Wyoming	34,930	34,564	32,552	573	242	1,198	3,383	11,563
Other activities/jurisdictions								
Indian Tribe Set-Aside	105,350	105,488	101,824	0	0	3,664	1,900	12,279
Other nonstate allocations	24,248	20,250	8,992	1,258	10,000	0	9,980	37,021
American Samoa	10,541	9,922	9,582	0	0	340	360	2,847
Guam	12,446	12,011	11,593	0	0	417	774	4,376
Northern Marianas	3,829	3,853	3,719	0	0	134	243	1,361
Puerto Rico	578,865	539,097	520,375	540	0	18,181	5,733	75,898
U.S. Virgin Islands	14,164	13,333	12,876	0	0	457	523	3,694

<sup>1</sup>Includes Basic, Concentration, Targeted, and Education Finance Incentive Grants.<sup>2</sup>Total excludes other activities and other jurisdictions.

NOTE: Detail may not sum to totals because of rounding. These are preliminary estimates for fiscal year 2011.

SOURCE: U.S. Department of Education, Budget Service, Elementary, Secondary, and Vocational Education Analysis Division, unpublished tabulations. (This table was prepared September 2011.)



**Table 391. Federal obligations for research, development, and R&D plant, by category of obligation, performers, and fields of science: Fiscal years 2002 through 2010**

[In millions of current dollars]

Category of obligation, performers, and fields of science	Actual							Estimated		Percent change, 2009 to 2010
	2002	2003	2004	2005	2006	2007	2008	2009	2010	
1	2	3	4	5	6	7	8	9	10	11
<b>Total obligations for research, development, and R&amp;D plant.....</b>	<b>\$90,157.7</b>	<b>\$97,927.9</b>	<b>\$105,370.7</b>	<b>\$112,994.6</b>	<b>\$112,270.6</b>	<b>\$129,431.2</b>	<b>\$129,049.5</b>	<b>\$123,243.0</b>	<b>\$118,559.4</b>	<b>-3.8</b>
<b>Research and development obligations....</b>	<b>85,853.0</b>	<b>93,661.3</b>	<b>101,376.5</b>	<b>109,223.5</b>	<b>110,145.8</b>	<b>127,262.9</b>	<b>127,105.7</b>	<b>119,730.6</b>	<b>116,274.5</b>	<b>-2.9</b>
Performers										
Federal intramural <sup>1</sup> .....	21,044.8	22,861.6	22,423.2	24,125.4	25,563.2	29,932.5	29,637.9	28,354.1	29,935.5	5.6
Industrial firms.....	29,538.2	33,852.7	39,214.6	44,112.5	44,152.9	55,342.3	56,337.6	46,444.9	42,817.7	-7.8
FFRDCs <sup>2</sup> administered by industrial firms.....	1,351.1	1,507.6	1,543.1	1,612.1	1,421.9	2,691.6	4,119.9	2,572.3	2,410.3	-6.3
Universities and colleges.....	21,290.1	22,693.5	24,169.7	24,841.5	24,336.3	25,547.8	26,026.5	28,867.1	27,810.8	-3.7
FFRDCs <sup>2</sup> administered by universities and colleges.....	4,641.2	4,754.2	5,400.9	5,686.1	5,439.1	4,171.2	1,988.6	3,931.1	3,910.9	-0.5
Other nonprofit institutions.....	5,739.1	5,706.7	5,623.7	5,910.0	6,000.1	5,984.4	5,965.0	6,316.5	6,182.1	-2.1
FFRDCs <sup>2</sup> administered by nonprofit institutions.....	1,404.8	1,352.8	1,443.2	1,649.2	1,816.0	2,520.3	2,083.0	2,260.6	2,275.7	0.7
State and local governments.....	452.2	400.0	880.1	660.8	619.6	362.0	389.0	431.9	385.7	-10.7
Foreign.....	391.6	532.4	677.9	625.8	796.7	710.6	558.1	551.9	545.8	-1.1
<b>Research obligations.....</b>	<b>48,006.7</b>	<b>51,071.8</b>	<b>53,357.8</b>	<b>53,738.2</b>	<b>53,535.7</b>	<b>54,093.6</b>	<b>53,893.7</b>	<b>59,429.9</b>	<b>58,354.8</b>	<b>-1.8</b>
Performers										
Federal intramural <sup>1</sup> .....	11,857.4	12,419.6	12,085.2	12,349.9	12,261.6	11,816.4	11,921.7	12,839.1	13,222.5	3.0
Industrial firms.....	5,786.8	6,042.4	6,782.7	6,456.4	6,436.3	6,074.2	5,782.4	6,692.9	6,164.1	-7.9
FFRDCs <sup>2</sup> administered by industrial firms.....	937.3	1,103.5	1,131.6	1,082.0	947.9	1,863.0	2,929.7	1,591.8	1,782.0	12.0
Universities and colleges.....	20,285.4	21,676.5	22,699.1	23,156.0	22,809.4	23,966.9	24,323.2	27,231.6	26,222.3	-3.7
FFRDCs <sup>2</sup> administered by universities and colleges.....	3,219.4	3,272.6	3,687.3	3,743.4	3,783.0	2,942.4	1,623.1	3,123.0	3,130.9	0.3
Other nonprofit institutions.....	4,723.0	5,196.3	5,216.4	5,295.8	5,448.9	5,416.7	5,397.5	5,863.7	5,729.5	-2.3
FFRDCs <sup>2</sup> administered by nonprofit institutions.....	749.6	779.0	795.5	907.8	1,028.6	1,283.0	1,205.7	1,331.1	1,370.1	2.9
State and local governments.....	275.5	305.8	532.9	376.8	417.9	297.6	338.8	355.9	337.5	-5.2
Foreign.....	172.3	276.1	427.0	370.2	402.1	433.3	371.5	400.9	396.0	-1.2
Fields of science										
Life sciences.....	25,476.8	27,772.2	27,728.5	28,127.8	27,927.7	29,463.6	28,918.8	30,466.4	30,636.9	0.6
Psychology.....	905.9	1,104.4	1,854.9	1,891.8	1,747.3	1,837.9	1,740.8	1,842.3	1,875.6	1.8
Physical sciences.....	4,983.2	5,021.6	5,211.1	5,493.7	5,351.1	5,136.1	5,072.6	6,070.9	5,788.4	-4.7
Environmental sciences.....	3,418.3	3,740.9	3,741.6	3,502.6	3,430.6	3,170.5	2,984.6	3,646.2	3,385.6	-7.1
Mathematics and computer sciences.....	2,630.7	1,104.4	2,949.4	2,983.4	2,814.9	2,945.7	3,047.3	3,707.0	3,364.1	-9.2
Engineering.....	8,274.9	8,405.1	8,866.4	8,552.9	8,678.7	8,989.7	8,975.5	9,872.5	9,589.1	-2.9
Social sciences.....	1,038.5	1,025.8	1,089.6	1,097.1	1,123.9	1,147.1	977.0	1,260.8	1,278.7	1.4
Other sciences.....	1,278.4	1,329.3	1,916.3	2,088.9	2,461.3	1,403.1	2,177.1	2,564.0	2,436.3	-5.0
Basic research obligations.....	23,668.3	24,751.4	26,120.7	27,140.3	26,584.6	26,865.8	27,154.0	30,935.4	29,847.6	-3.5
Performers										
Federal intramural <sup>1</sup> .....	4,460.0	4,662.1	4,671.6	4,772.7	4,763.9	4,572.2	4,767.5	5,106.6	5,127.4	0.4
Industrial firms.....	1,231.9	1,279.6	1,969.4	2,051.0	1,858.9	1,736.2	1,545.4	1,852.5	1,712.8	-7.5
FFRDCs <sup>2</sup> administered by industrial firms.....	239.6	312.8	292.2	270.1	220.4	341.3	574.9	507.9	574.6	13.1
Universities and colleges.....	12,668.2	13,151.8	13,398.5	13,989.9	13,657.6	14,220.3	14,645.7	17,108.1	16,118.1	-5.8
FFRDCs <sup>2</sup> administered by universities and colleges.....	1,805.2	1,827.8	2,005.8	2,021.2	2,096.8	1,982.8	1,484.3	1,786.5	1,856.5	3.9
Other nonprofit institutions.....	2,531.7	2,703.9	2,746.1	2,914.2	2,867.4	2,793.8	2,935.2	3,237.9	3,086.6	-4.7
FFRDCs <sup>2</sup> administered by nonprofit institutions.....	563.4	582.1	606.8	670.7	755.8	889.5	915.8	1,030.6	1,075.5	4.4
State and local governments.....	71.5	85.4	197.9	235.9	152.7	101.3	75.9	88.8	82.1	-7.5
Foreign.....	96.8	146.1	232.3	214.6	211.2	228.4	209.1	216.6	214.0	-1.2
Fields of science										
Life sciences.....	14,024.1	14,765.3	14,490.0	15,247.6	14,934.4	15,643.5	15,557.4	16,468.3	16,454.8	-0.1
Psychology.....	464.6	543.8	979.2	1,040.1	944.9	978.8	936.0	980.3	988.6	0.8
Physical sciences.....	3,405.9	3,454.0	3,662.6	3,738.7	3,515.5	3,544.5	3,403.1	4,284.4	4,024.5	-6.1
Environmental sciences.....	1,833.3	1,899.5	2,022.9	1,966.1	1,849.5	1,727.8	1,593.1	2,128.4	1,891.0	-11.2
Mathematics and computer sciences.....	998.7	1,120.2	1,239.1	1,228.4	1,208.2	1,293.5	1,407.4	1,876.3	1,641.4	-12.5
Engineering.....	1,864.9	1,913.1	2,271.7	2,300.5	2,364.6	2,629.9	2,736.0	3,200.4	3,027.1	-5.4
Social sciences.....	361.7	352.8	419.3	391.4	381.0	361.3	330.0	442.1	386.8	-12.5
Other sciences.....	715.2	702.7	1,035.9	1,227.5	1,386.5	686.4	1,190.9	1,555.2	1,433.3	-7.8

See notes at end of table.

**Table 391. Federal obligations for research, development, and R&D plant, by category of obligation, performers, and fields of science: Fiscal years 2002 through 2010—Continued**

[In millions of current dollars]

Category of obligation, performers, and fields of science	Actual							Estimated		Percent change, 2009 to 2010
	2002	2003	2004	2005	2006	2007	2008	2009	2010	
1	2	3	4	5	6	7	8	9	10	11
Applied research obligations .....	24,338.4	26,320.4	27,237.1	26,597.9	26,951.1	27,227.8	26,739.7	28,494.5	28,507.2	#
Performers										
Federal intramural <sup>1</sup> .....	7,397.4	7,757.5	7,413.6	7,577.2	7,498.0	7,244.2	7,154.2	7,732.5	8,095.1	4.7
Industrial firms .....	4,554.9	4,762.8	4,813.3	4,405.4	4,577.4	4,338.0	4,237.0	4,840.4	4,451.3	-8.0
FFRDCs <sup>2</sup> administered by industrial firms .....	697.7	790.7	839.3	811.9	727.5	1,521.6	2,354.8	1,083.9	1,207.4	11.4
Universities and colleges .....	7,617.2	8,524.7	9,300.6	9,166.1	9,151.8	9,746.6	9,677.5	10,123.4	10,104.2	-0.2
FFRDCs <sup>2</sup> administered by universities and colleges .....	1,414.1	1,444.8	1,681.6	1,722.2	1,686.2	959.6	138.5	1,336.5	1,274.4	-4.6
Other nonprofit institutions .....	2,191.3	2,492.5	2,470.3	2,381.6	2,581.5	2,622.9	2,462.3	2,625.8	2,642.8	0.7
FFRDCs <sup>2</sup> administered by nonprofit institutions .....	186.2	197.0	188.7	237.1	272.8	393.5	289.9	300.5	294.6	-2.0
State and local governments .....	204.0	220.4	335.0	140.9	265.1	196.3	262.9	267.1	255.3	-4.4
Foreign .....	75.6	130.0	194.7	155.6	190.9	205.0	162.4	184.3	182.1	-1.2
Fields of science										
Life sciences .....	11,452.7	13,007.0	13,238.5	12,880.2	12,993.3	13,820.1	13,361.5	13,998.1	14,182.1	1.3
Psychology .....	441.3	560.6	875.6	851.6	802.4	859.1	804.8	861.9	887.0	2.9
Physical sciences .....	1,577.4	1,567.6	1,548.6	1,755.0	1,835.6	1,591.6	1,669.5	1,786.5	1,763.9	-1.3
Environmental sciences .....	1,585.0	1,841.4	1,718.7	1,536.5	1,581.1	1,442.7	1,391.5	1,517.8	1,494.7	-1.5
Mathematics and computer sciences .....	1,632.0	1,552.2	1,710.3	1,754.9	1,606.7	1,652.1	1,639.8	1,830.7	1,722.7	-5.9
Engineering .....	6,410.0	6,492.0	6,594.7	6,252.5	6,314.2	6,359.8	6,239.5	6,672.0	6,562.0	-1.6
Social sciences .....	676.9	673.0	670.3	705.8	742.9	785.9	647.0	818.7	891.9	8.9
Other sciences .....	563.3	626.6	880.5	861.4	1,074.9	716.7	986.2	1,008.8	1,003.0	-0.6
<b>Development obligations .....</b>	<b>37,846.3</b>	<b>42,589.5</b>	<b>48,018.7</b>	<b>55,485.3</b>	<b>56,610.2</b>	<b>73,169.3</b>	<b>73,212.0</b>	<b>60,300.7</b>	<b>57,919.7</b>	<b>-3.9</b>
Performers										
Federal intramural <sup>1</sup> .....	9,187.4	10,442.0	10,338.0	11,775.5	13,301.6	18,116.1	17,716.1	15,515.0	16,713.0	7.7
Industrial firms .....	23,751.4	27,810.3	32,431.8	37,656.1	37,716.6	49,268.1	50,555.2	39,752.1	36,653.6	-7.8
FFRDCs <sup>2</sup> administered by industrial firms .....	413.7	404.1	411.6	530.1	474.0	828.6	1,190.2	980.6	628.3	-35.9
Universities and colleges .....	1,004.7	1,017.0	1,470.6	1,685.6	1,526.9	1,580.9	1,703.3	1,635.6	1,588.6	-2.9
FFRDCs <sup>2</sup> administered by universities and colleges .....	1,421.8	1,481.6	1,713.5	1,942.8	1,656.1	1,228.8	365.5	808.2	780.0	-3.5
Other nonprofit institutions .....	1,016.1	510.3	407.4	614.1	551.2	567.7	567.5	452.8	452.6	#
FFRDCs <sup>2</sup> administered by nonprofit institutions .....	655.2	573.7	647.7	741.5	787.4	1,237.3	877.3	929.5	905.8	-2.6
State and local governments .....	176.7	94.1	347.2	284.1	201.7	64.4	50.2	76.0	48.2	-36.6
Foreign .....	219.2	256.3	250.9	255.6	394.6	277.3	186.6	151.0	149.8	-0.8
<b>R&amp;D plant obligations .....</b>	<b>4,304.7</b>	<b>4,266.5</b>	<b>3,994.2</b>	<b>3,771.1</b>	<b>2,124.8</b>	<b>2,168.4</b>	<b>1,943.9</b>	<b>3,512.4</b>	<b>2,284.9</b>	<b>-34.9</b>
Performers										
Federal intramural <sup>1</sup> .....	414.8	609.7	961.3	859.3	662.8	593.4	494.0	1,070.5	642.3	-40.0
Industrial firms .....	2,524.9	1,817.0	1,442.0	1,381.4	265.8	401.4	449.0	565.1	476.5	-15.7
FFRDCs <sup>2</sup> administered by industrial firms .....	109.1	145.7	188.3	125.7	82.7	27.6	175.6	52.8	46.9	-11.2
Universities and colleges .....	241.1	686.9	354.3	423.0	262.5	265.6	210.2	658.5	260.9	-60.4
FFRDCs <sup>2</sup> administered by universities and colleges .....	583.3	578.4	603.9	558.3	519.3	498.4	334.4	676.6	423.5	-37.4
Other nonprofit institutions .....	29.1	70.7	164.5	134.6	127.3	79.7	23.7	69.8	26.1	-62.6
FFRDCs <sup>2</sup> administered by nonprofit institutions .....	388.8	333.9	252.4	218.0	201.6	296.2	253.8	410.0	405.5	-1.1
State and local governments .....	2.0	0.8	15.8	55.2	2.6	#	#	#	#	#
Foreign .....	11.7	23.4	11.7	15.6	0.3	6.1	3.1	9.1	3.1	-65.9

#Rounds to zero.

<sup>1</sup>Includes costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.<sup>2</sup>Federally funded research and development centers.NOTE: Some data have been revised from previously published figures. Detail may not sum to totals because of rounding. Totals do not include the U.S. Department of Homeland Security. SOURCE: National Science Foundation, *Federal Funds for Research and Development*, 2002 through 2010. (This table was prepared August 2011.)