

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 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 380 with the data on outlays and appropriations appearing in other tables in this chapter.

Federal on-budget funding for education increased 323 percent from fiscal year (FY) 1965 to FY 2008, after adjustment for inflation (table D and table 373). Between FY 1965 and FY 1975, federal on-budget funding for education increased 149 percent. After a decrease of less than 1 percent from FY 1975 to FY 1980, there was a further decrease of 16 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 14 percent from FY 1985 to FY 1990, by 20 percent from FY 1990 to FY 1995, by 9 percent from FY 1995 to FY 2000, and by 36 percent from FY 2000 to FY 2008.

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 57 percent), other education (by 28 percent), and research at educational institutions (by 35 percent) (table D, table 373, and figure 18). During the same period, funding for postsecondary education decreased by 13 percent. Between FY 2000 and FY 2008, federal funding increased for each of the four major categories: elementary and secondary education (by 30 percent), postsecondary education (by 93 percent), other education (by 14 percent), and research at educational institutions (by 15 percent).¹

¹ Changes in postsecondary expenditures between 2005 and later years resulted primarily from changes in accounting procedures.

For FY 2009, federal program funds were estimated to be \$82.9 billion for elementary and secondary education, \$37.2 billion for postsecondary education, and \$8.6 billion for other education programs (table 375). (FY 2009 data on research at educational institutions were not available at the time this publication was prepared).

Table D. Federal on-budget funding for education, by category: Selected fiscal years, 1965 through 2008

[In billions of constant FY 2009 dollars]

Year	Total	Elementary/ secondary	Post- secondary	Other education	Research at educational institutions
1965	\$35.4	\$12.9	\$7.9	\$2.5	\$12.0
1975	88.0	40.1	28.9	6.1	12.9
1980	87.7	40.7	28.3	3.9	14.7
1985	73.6	31.9	21.1	4.0	16.7
1990	83.7	35.7	22.1	5.5	20.4
1995	100.4	47.1	24.7	6.6	22.0
2000	109.9	56.0	19.2	7.0	27.7
2008	149.6	72.8	37.0	8.0	31.8

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.

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 137 percent between FY 1990 (\$18.1 billion in FY 2009 dollars) and FY 2000 (\$43.0 billion in FY 2009 dollars) (table 373). In FY 2008, these same funds totaled \$77.2 billion in FY 2009 dollars, an increase of 80 percent over FY 2000. In FY 2009, these funds were an estimated \$86.4 billion.

In FY 2008, federal-on-budget funds for education totaled \$147.3 billion in current dollars (figure 19 and table 374). The U.S. Department of Education provided about 49 percent (\$72.2 billion) of this total. Large amounts of money also came from the U.S. Department of Health and Human Services (\$25.5 billion), the U.S. Department of Agriculture (\$16.3 billion), the U.S. Department of Defense (\$6.3 billion), the U.S. Department of Labor (\$5.2 billion), the National Science Foundation (\$4.6 billion), the U.S. Department of Energy (\$4.6 billion), the U.S. Department of Veterans Affairs (\$4.6 billion), and the National Aeronautics and Space Administration (\$2.4 billion).

In FY 2008, educational institutions (including local education agencies, state education agencies, and degree-granting institutions) received an estimated 67 percent (\$98.2 billion in current dollars) of federal program funds for education (table 376). Another 15 percent (\$21.6 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 12 percent (\$18.2 billion) of federal program funds for education. Federal institutions received 4 percent (\$5.2 billion). Other recipients (including American Indian tribes, private nonprofit agencies, and banks) received 3 percent (\$4.1 billion) of federal program funds for education.

Of the \$75.1 billion in current dollars spent by the U.S. Department of Education in FY 2009, about 40 percent (\$29.7 billion) went to local education agencies (school districts) and 11 percent (\$8.3 billion) to state education agencies (table 377 and figure 20). About 19 percent (\$14.1 billion) went to postsecondary institutions and another 19 percent (\$14.3 billion) to postsecondary students. Smaller percentages (totaling 12 percent) went to federal institutions, other education organizations, and other recipients.

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.²
- 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.
- 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 sur-

² 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.

plus 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 strengthening instruction in science, mathematics, modern foreign languages, and other critical subjects; improvement of state statistical services; guidance, counseling, and testing services and training institutes; higher education student loans and fellowships; foreign language study and training provided by colleges and universities; experimentation and dissemination of information on more effective utilization 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 teach-

ing 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, construc-

tion, 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 ETV 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, 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 persons. 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.

Indochina Migration and Refugee Assistance Act of 1975 (Public Law 94-23) authorized funds to be used for education and training of aliens who have fled from Cambodia or Vietnam.

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 that includes, 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.

Education Amendments of 1978 (Public Law 95-561) established a comprehensive basic skills program aimed at improving pupil achievement (replaced the existing National Reading Improvement program); and established a community schools program to provide for the use of public buildings.

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 eligi-

ble 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 persons, 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), part of the Anti-Drug Abuse Act of 1986, authorized funding for FYs 1987–89. 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.

Technology-Related Assistance for Individuals with Disabilities Act of 1988 (Public Law 100-407) provided financial assistance to states to develop and implement consumer-responsive statewide programs of technology-related assistance for persons of all ages with disabilities.

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** *Children with Disabilities Temporary Care Reauthorization Act of 1989* (Public Law 101-127) revised and extended the programs established in the Temporary Child Care for Handicapped Children and Crises Nurseries Act of 1986.

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) was established to promote excellence in American mathematics, science, and engineering education by creating a national mathematics and science clearinghouse, and creating 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 course 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 and enhance opportunities for national service. In addition, the Act provided education grants up to \$4,725 per year for 2 years to people age 17 years or older who perform community service before, during, or after postsecondary education.

NAEP Assessment Authorization (Public Law 103-33) authorized the use of 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) curbed the practice of imposing unfunded federal mandates on states and local governments; strengthened the partnership between the federal government and state, local, and tribal governments; 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.

Human Rights, Refugee, and Other Foreign Relations Provisions Act of 1996 (Public Law 104-319) made certain provisions with respect to internationally recognized human rights, refugees, and foreign relations to revise U.S. human rights policy.

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 Educa-

tion 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 commemoration 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 per-

mits 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.

Third Higher Education Extension Act of 2006 (Public Law 109-292) extended the Higher Education Act through June 30, 2007, to afford Congress additional time to complete work on a comprehensive reauthorization.

Public Law 109-323 extended, for an additional year (through September 30, 2007), the period for which the Secretary of Education may waive certain fiscal requirements for states in which the President declared disaster areas as a result of Hurricanes Katrina and Rita.

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

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

The College Cost Reduction and Access Act of 2007 (Public Law 110-84) reduces interest rates on student

loans and makes 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) gives the Secretary 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.

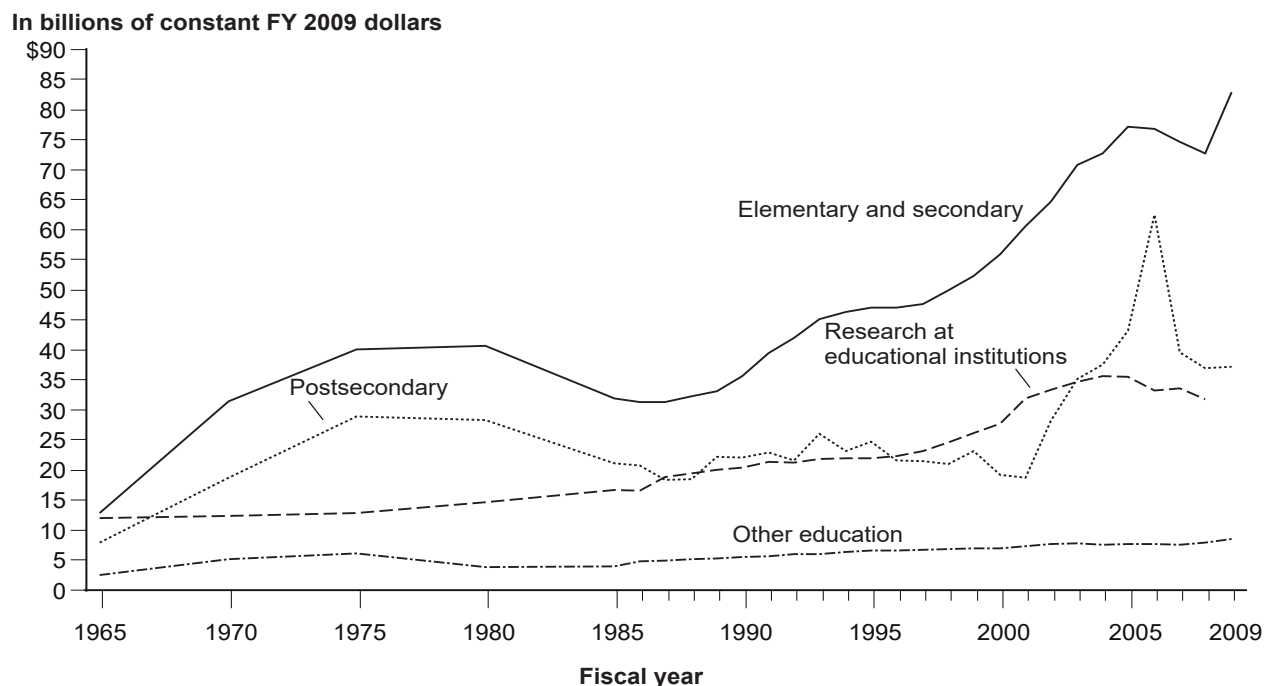
2008 *Ensuring Continued Access to Student Loans Act of 2008* (Public Law 110-227) provides various authorities to the Department of Education, among other provisions, to help ensure that college students and their parents continue to have access to loans in the tight credit market.

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

2009 *American Recovery and Reinvestment Act of 2008* (Public Law 111-5) provides about \$100 billion to state education systems and supplemental appropriations for several Department of Education programs.

Public Law 111-39 makes miscellaneous and technical amendments to the Higher Education Act of 1965 (the Act).

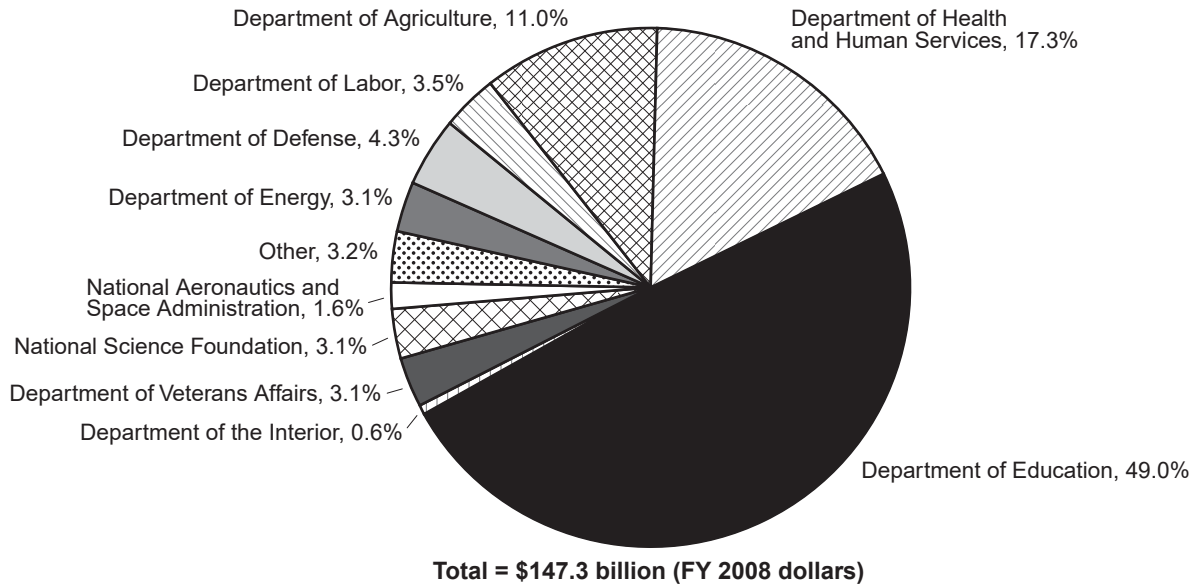
Figure 18. Federal on-budget funds for education, by level or other educational purpose: Selected years, 1965 through 2009



NOTE: Changes in postsecondary expenditures between 2005 and 2009 resulted primarily from changes in accounting procedures. Data for Research at educational institutions not available for 2009. Other data for 2009 are estimated.

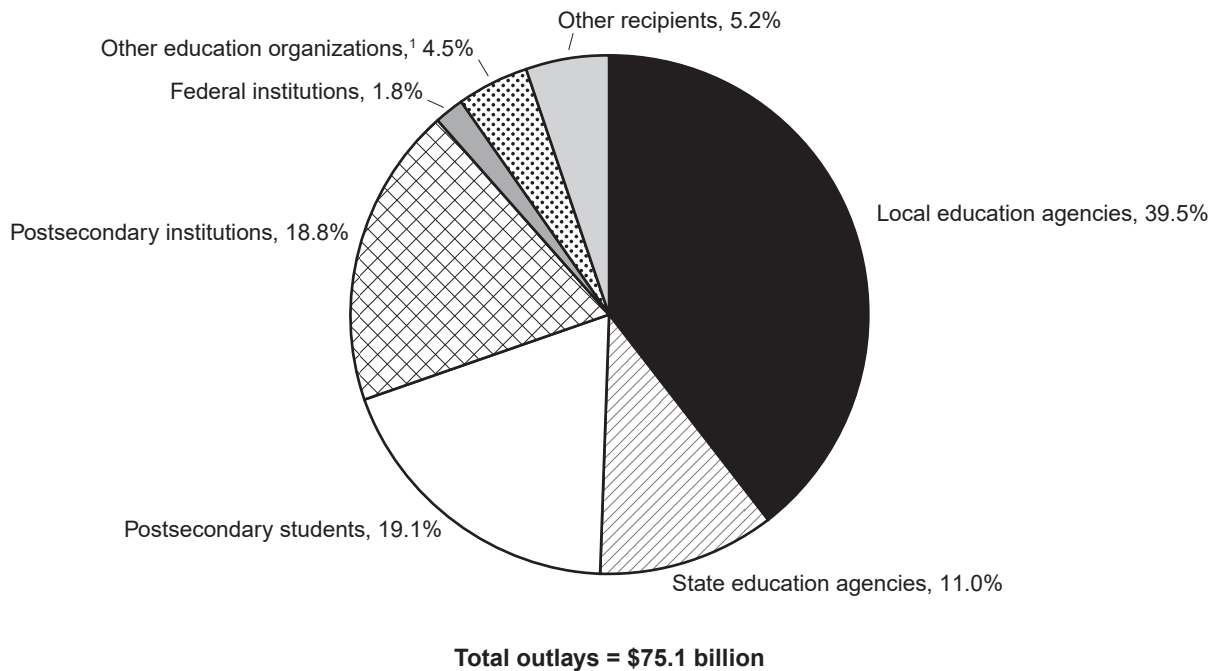
SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 through 2010. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1965 through 2008.

Figure 19. Percentage of federal on-budget funds for education, by agency: Fiscal year 2008



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 2010. National Science Foundation, *Federal Funds for Research and Development*, fiscal year 2008.

Figure 20. Department of Education outlays, by type of recipient: Fiscal year 2009



¹Includes 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 2010. U.S. Department of Education, Budget Service, unpublished tabulations.

Table 373. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2009

[In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support ¹					Off-budget support and nonfederal funds generated by federal legislation								Estimated federal tax expenditures for education ²	
		Total	Elementary and secondary	Post-secondary	Other education ³	Research at educational institutions	Total	Off-budget support	Nonfederal funds							
									Federal Family Education Loan Program ⁵	Perkins Loans ⁶	Income Contingent Loans ⁷	Leveraging Educational Assistance Partnerships ⁸	Supplemental Educational Opportunity Grants ⁹	Work-Study Aid ¹⁰		
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	5,801.2	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.....	211,915.7	147,077.7	70,604.2	37,465.3	7,214.9	31,793.3 ¹¹	64,838.0	13,022.0	51,320.0	0.0	†	100.0	205.0	†	191.0	—
2008.....	223,273.5	147,275.5	71,626.7	36,460.9	7,882.2	31,305.7 ¹¹	75,998.0	18,213.0	57,296.0	0.0	†	98.0	201.0	†	190.0	—
2009 ¹¹	—	—	82,896.1	37,221.1	8,581.7	—	86,352.0	21,836.0	63,980.0	0.0	†	98.0	201.0	†	237.0	—

See notes at end of table.

Table 373. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2009—Continued
 [In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support ¹					Off-budget support and nonfederal funds generated by federal legislation									Estimated federal tax expenditures for education ²
		Total	Elementary and secondary	Post-secondary	Other education ³	Research at educational institutions	Total	Off-budget support	Nonfederal funds							
									Federal Family Education Loan Program ⁵	Perkins Loans ⁶	Income Contingent Loans ⁷	Leveraging Educational Assistance Partnerships ⁸	Supplemental Educational Opportunity Grants ⁹	Work-Study Aid ¹⁰		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Constant fiscal year 2009 dollars ¹²																
1965.....	\$35,508.4	\$35,351.2	\$12,881.7	\$7,941.0	\$2,484.4	\$12,044.1	\$157.2	†	†	\$106.8	†	†	†	†	\$50.4	—
1970.....	72,279.2	67,774.6	31,545.6	18,653.7	5,219.6	12,355.6	4,504.6	†	\$4,166.1	113.5	†	†	†	†	225.1	—
1975.....	93,286.2	87,984.2	40,112.5	28,879.7	6,076.9	12,915.0	5,302.0	†	4,658.4	134.8	†	\$75.6	†	†	433.3	\$32,510.3
1980.....	100,036.4	87,691.3	40,746.5	28,259.4	3,937.3	14,748.1	12,345.1	†	11,689.3	80.8	†	195.2	†	†	379.8	33,862.8
1985.....	90,034.9	73,583.7	31,866.0	21,068.3	3,973.7	16,675.7	16,451.2	†	15,963.8	40.3	†	143.3	†	†	303.7	36,020.9
1986.....	88,995.0	73,546.2	31,378.1	20,765.9	4,821.8	16,580.5	15,448.7	†	14,984.2	37.2	†	133.8	†	†	293.5	37,589.4
1987.....	90,790.1	73,733.0	31,386.5	18,435.6	5,048.1	18,862.7	17,057.1	†	16,595.6	37.4	\$1.0	136.0	†	†	287.1	37,282.9
1988.....	93,952.5	75,494.6	32,253.3	18,515.6	5,180.0	19,545.8	18,457.9	†	18,033.5	35.9	0.8	126.5	†	†	261.3	29,578.0
1989.....	99,749.2	80,871.0	33,188.9	22,232.4	5,328.3	20,121.3	18,878.2	†	18,325.6	34.2	0.9	120.5	†	\$36.9	360.2	29,746.8
1990.....	101,883.5	83,737.3	35,659.7	22,142.5	5,487.4	20,447.6	18,146.2	†	17,560.3	24.4	0.8	96.0	79.2	†	385.6	30,883.8
1991.....	109,379.0	89,522.2	39,505.2	22,858.5	5,748.5	21,410.0	19,856.8	†	19,228.8	27.0	0.8	98.7	136.3	†	365.2	29,522.4
1992.....	111,923.1	90,888.1	41,965.8	21,620.0	5,998.7	21,303.6	21,034.9	†	20,388.7	26.0	0.8	108.2	146.1	†	365.0	29,978.9
1993.....	124,174.2	99,262.3	45,182.4	26,147.4	6,018.4	21,914.1	24,911.8	†	24,213.1	42.9	†	106.1	270.5	†	279.2	30,786.6
1994.....	133,252.2	98,026.3	46,395.3	23,233.4	6,439.5	21,958.1	35,225.9	†	\$1,167.6	75.6	†	104.0	265.2	†	273.7	32,501.1
1995.....	134,313.6	100,428.9	47,136.0	24,698.2	6,616.3	21,978.3	33,884.8	7,235.0	25,961.1	73.8	†	88.9	258.8	†	267.1	34,485.9
1996.....	132,719.7	97,761.6	47,137.2	21,622.0	6,617.3	22,385.1	34,958.1	11,454.1	22,904.2	42.6	†	43.0	253.0	†	261.1	36,101.7
1997.....	138,849.1	99,144.1	47,707.0	21,460.0	6,751.7	23,225.4	39,705.0	13,228.7	25,767.7	70.9	†	67.2	248.2	†	322.3	37,818.5
1998.....	143,534.1	102,393.5	49,907.4	21,034.8	6,854.5	24,596.8	41,140.6	13,846.2	26,630.4	59.9	†	33.3	258.7	†	312.1	39,328.2
1999.....	148,752.4	108,679.8	52,380.6	23,150.4	6,974.9	26,173.9	40,072.6	13,053.9	26,371.4	43.7	†	32.8	256.9	†	314.0	48,999.5
2000.....	152,833.9	109,879.7	55,986.5	19,188.6	7,012.0	27,692.5	42,954.3	13,228.6	29,036.0	42.6	†	63.9	255.3	†	327.8	50,468.8
2001.....	163,239.8	118,488.6	60,627.0	18,661.9	7,345.7	31,854.0	44,751.2	13,286.0	30,849.4	31.2	†	99.9	229.9	†	254.9	51,794.6
2002.....	183,999.1	133,934.7	64,696.5	28,162.8	7,723.4	33,352.0	50,064.5	14,335.1	35,081.8	30.7	†	127.5	235.5	†	253.9	—
2003.....	203,871.3	148,568.4	70,804.5	35,238.1	7,803.2	34,722.5	44,297.3	14,297.3	40,364.2	39.4	†	123.0	241.3	†	237.7	—
2004.....	214,952.3	153,713.3	72,727.6	37,648.0	7,634.3	35,703.4	61,238.9	14,904.6	45,579.8	38.3	†	118.4	283.2	†	314.6	—
2005.....	227,364.0	163,725.7	77,220.3	43,210.9	7,736.3	35,558.2	63,638.3	14,479.3	48,470.3	0.0	†	113.1	275.5	†	300.1	—
2006.....	245,738.2	180,256.3	76,812.0	62,531.3	7,659.2	33,253.8	65,481.8	13,724.7	51,216.9	0.0	†	108.3	221.9	†	210.0	—
2007.....	224,264.7	155,648.4	74,718.6	39,648.5	7,635.3	33,646.0 ¹¹	68,616.3	13,780.8	54,310.6	0.0	†	105.8	216.9	†	202.1	—
2008.....	226,839.8	149,627.9	72,770.8	37,043.2	8,008.1	31,805.8 ¹¹	77,211.9	18,503.9	58,211.2	0.0	†	99.6	204.2	†	193.0	—
2009 ¹¹	—	—	82,896.1	37,221.1	8,581.7	—	86,352.0	21,836.0	63,980.0	0.0	†	98.0	201.0	†	237.0	—

—Not available.

†Not applicable.

¹On-budget support includes federal funds for education programs tied to appropriations.

²Losses 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.

³Other education includes libraries, museums, cultural activities, and miscellaneous research.

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

⁵Formerly the Guaranteed Student Loan program. Includes new student loans guaranteed by the federal government and disbursed to borrowers.

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

⁷Student 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.

⁸Formerly 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.

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

¹⁰Employer contributions to student earnings are generally one-third of federal allocation.

¹¹Estimated.

¹²Data 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 2010*.

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. Changes in postsecondary expenditures between 2005 and 2009 resulted primarily from changes in accounting procedures.

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 2010. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 through 2008. (This table was prepared October 2009.)

Table 374. Federal on-budget funds for education, by agency: Selected fiscal years, 1970 through 2008

[In thousands of current dollars]

Agency	1970	1980	1985	1990	1995	2000	2005	2006	2007	2008
1	2	3	4	5	6	7	8	9	10	11
Total	\$12,526,499	\$34,493,502	\$39,027,876	\$51,624,342	\$71,639,520	\$85,944,203	\$146,206,999	\$166,495,660	\$147,077,686	\$147,275,507
Department of Education.....	4,625,224	13,137,785	16,701,065	23,198,575	31,403,000	34,106,697	72,893,301	93,571,541	71,808,014	72,177,819
Department of Agriculture.....	960,910	4,562,467	4,782,274	6,260,843	9,092,089	11,080,031	13,817,553	14,677,672	15,634,477	16,266,919
Department of Commerce.....	13,990	135,561	55,114	53,835	88,929	114,575	243,948	249,962	168,407	199,635
Department of Defense.....	821,388	1,560,301	3,119,213	3,605,509	3,879,002	4,525,080	6,320,454	6,136,390	6,599,550	6,263,987
Department of Energy.....	551,527	1,605,558	2,247,822	2,561,950	2,692,314	3,577,004	4,339,879	4,283,520	4,633,462	4,631,149
Department of Health and Human Services.....	1,796,854	5,613,930	5,322,356	7,956,011	12,469,563	17,670,867	26,107,860	25,601,712	25,292,293	25,470,474
Department of Homeland Security ...	†	†	†	†	†	†	624,860	560,380	622,170	515,945
Department of Housing and Urban Development.....	114,709	5,314	438	118	1,613	1,400	1,100	600	600	700
Department of the Interior.....	190,975	440,547	549,479	630,537	702,796	959,802	1,254,533	1,146,750	952,273	901,769
Department of Justice.....	15,728	60,721	66,802	99,775	172,350	278,927	608,148	563,434	768,156	815,950
Department of Labor.....	424,494	1,862,738	1,948,685	2,511,380	3,967,914	4,696,100	5,764,500	5,414,500	5,370,800	5,186,600
Department of State.....	59,742	25,188	23,820	51,225	54,671	388,349	533,309	555,014	587,120	638,280
Department of Transportation.....	27,534	54,712	82,035	76,186	135,816	117,054	126,900	133,700	118,900	135,078
Department of the Treasury.....	18	1,247,463	290,276	41,715	49,496	83,000	0	0	200	0
Department of Veterans Affairs.....	1,032,918	2,351,233	1,289,849	757,476	1,324,382	1,577,374	4,293,624	4,547,560	5,256,399	4,624,991
Other agencies and programs										
ACTION.....	†	2,833	1,761	8,472	†	†	†	†	†	†
Agency for International Development.....	88,034	176,770	198,807	249,786	290,580	332,500	602,100	596,100	658,500	637,720
Appalachian Regional Commission..	37,838	19,032	4,745	93	10,623	7,243	8,542	11,027	7,463	3,056
Barry Goldwater Scholarship and Excellence in Education Foundation.....	†	†	†	1,033	3,000	3,000	3,000	3,000	3,000	3,000
Corporation for National and Community Service.....	†	†	†	†	214,600	386,000	472,000	503,000	395,000	333,000
Environmental Protection Agency.....	19,446	41,083	60,521	87,481	125,721	98,900	83,400	64,600	57,500	56,100
Estimated education share of federal aid to the District of Columbia....	33,019	81,847	107,340	104,940	78,796	127,127	154,962	140,997	168,156	149,722
Federal Emergency Management Agency.....	290	1,946	1,828	215	170,400	14,894	†	†	†	†
General Services Administration.....	14,775	34,800	†	†	†	†	†	†	†	†
Harry S Truman Scholarship fund....	†	-1,895	1,332	2,883	3,000	3,000	3,000	3,000	3,000	3,000
Institute of American Indian and Alaska Native Culture and Arts Development.....	†	†	†	4,305	13,000	2,000	6,000	6,000	6,000	7,000
Institute of Museum and Library Services.....	†	†	†	†	†	166,000	250,000	241,000	258,000	253,000
James Madison Memorial Fellowship Foundation.....	†	†	†	191	2,000	7,000	2,000	2,000	2,000	2,000
Japanese-United States Friendship Commission.....	†	2,294	2,236	2,299	2,000	3,000	3,000	2,000	2,000	2,000
Library of Congress.....	29,478	151,871	169,310	189,827	241,000	299,000	430,000	435,000	463,000	434,000
National Aeronautics and Space Administration.....	258,366	255,511	487,624	1,093,303	1,757,900	2,077,830	2,763,120	2,386,342	2,389,743	2,404,213
National Archives and Records Administration.....	†	†	52,118	77,397	105,172	121,879	276,000	276,000	273,000	279,000
National Commission on Libraries and Information Science.....	†	2,090	723	3,281	1,000	2,000	1,000	1,000	1,000	1,000
National Endowment for the Arts.....	340	5,220	5,536	5,577	9,421	10,048	10,976	10,561	11,767	12,808
National Endowment for the Humanities.....	8,459	142,586	125,671	141,048	151,727	100,014	117,825	120,305	121,086	124,162
National Science Foundation.....	295,628	808,392	1,147,115	1,588,891	2,086,195	2,955,244	3,993,216	4,087,701	4,344,849	4,638,561
Nuclear Regulatory Commission.....	†	32,590	30,261	42,328	22,188	12,200	15,100	13,600	12,400	12,400
Office of Economic Opportunity.....	1,092,410	†	†	†	†	†	†	†	†	†
Smithsonian Institution.....	2,461	5,153	7,886	5,779	9,961	25,764	45,890	42,092	46,101	64,768
United States Arms Control Agency..	100	661	395	25	†	†	†	†	†	†
United States Information Agency....	8,423	66,210	143,007	201,547	294,800	†	†	†	†	†
United States Institute of Peace.....	†	†	†	7,621	12,000	13,000	28,000	101,000	32,000	17,000
Other agencies.....	1,421	990	432	885	500	300	7,900	6,600	9,300	8,700

†Not applicable.

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. Much of the fluctuation in Department of Education funds between 2005 and 2008 was due to changes in postsecondary expenditures that resulted primarily from changes in accounting procedures.

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 2010. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 to 2008. (This table was prepared October 2009.)

Table 375. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2009
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 ¹	1995 ¹	2000 ¹	2005 ¹	2006 ¹	2007 ^{1,2}	2008 ^{1,2}	2009 ^{1,2}
1	2	3	4	5	6	7	8	9	10	11
Total	\$12,526,499	\$34,493,502	\$51,624,342	\$71,639,520	\$85,944,203	\$146,206,999	\$166,495,660	\$147,077,686	\$147,275,507	—
Elementary/secondary education	5,830,442	16,027,686	21,984,361	33,623,809	43,790,783	68,957,711	70,948,229	70,604,233	71,626,709	\$82,896,059
Department of Education ³	2,719,204	6,629,095	9,681,313	14,029,000	20,039,563	37,477,594	38,863,442	37,562,078	38,330,372	44,867,105
Education for the disadvantaged.....	1,339,014	3,204,664	4,494,111	6,808,000	8,529,111	14,635,566	14,695,815	14,486,936	14,872,535	15,924,213
Impact aid program ⁴	656,372	690,170	816,366	808,000	877,101	1,262,174	1,141,455	1,162,814	1,247,691	1,569,385
School improvement programs ⁵	288,304	788,918	1,189,158	1,397,000	2,549,971	7,918,091	7,463,468	7,083,651	7,077,721	12,475,387
Indian education.....	†	93,365	69,451	71,000	65,285	121,911	120,360	117,992	115,780	114,559
English Language Acquisition.....	21,250	169,540	188,919	225,000	362,662	667,485	616,075	728,703	700,395	730,000
Special education.....	79,090	821,777	1,616,623	3,177,000	4,948,977	10,940,312	11,836,477	11,777,258	12,280,101	11,734,079
Vocational and adult education.....	335,174	860,661	1,306,685	1,482,000	1,462,977	1,967,086	1,987,455	1,955,780	1,894,706	2,174,695
Education Reform—Goals 2000 ⁶	†	†	†	61,000	1,243,479	-35,031	16,540	†	†	†
Hurricane Education Recovery.....	†	†	†	†	†	†	985,797	248,944	141,443	144,787
Department of Agriculture.....	760,477	4,064,497	5,528,950	8,201,294	10,051,278	12,577,265	13,412,550	14,245,994	15,139,602	16,592,100
Child nutrition programs ⁷	299,131	3,377,056	4,977,075	7,644,789	9,554,028	11,901,943	12,660,758	13,081,994	13,932,120	15,552,100
McGovern-Dole International Food for Education and Child Nutrition Program ⁸	†	†	†	†	†	86,000	98,000	98,000	89,000	194,000
Agricultural Marketing Service—commodities ⁹	341,597	388,000	350,441	400,000	400,000	399,322	463,792	878,000	940,000	670,000
Special Milk Program.....	83,800	159,293	18,707	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Estimated education share of Forest Service permanent appropriations.....	35,949	140,148	182,727	156,505	97,250	190,000	190,000	188,000	178,482	176,000
Department of Commerce.....	†	54,816	†	†	†	†	†	†	†	†
Local public works program—school facilities ¹⁰	†	54,816	†	†	†	†	†	†	†	†
Department of Defense.....	143,100	370,846	1,097,876	1,295,547	1,485,611	1,786,253	1,755,924	1,772,293	1,863,835	1,918,386
Junior Reserve Officers Training Corps (JROTC).....	12,100	32,000	39,300	155,600	210,432	315,122	308,208	324,917	352,821	370,743
Overseas dependents schools.....	131,000	338,846	864,958	855,772	904,829	1,060,920	1,063,908	1,062,367	1,110,108	1,137,613
Domestic schools ⁴	†	†	193,618	284,175	370,350	410,211	383,808	385,009	400,906	410,030
Department of Energy.....	200	77,633	15,563	12,646	†	†	†	†	†	†
Energy conservation for school buildings ¹¹	†	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	8,118,935	7,901,700	8,003,300	9,731,800
Head Start ¹²	†	735,000	1,447,758	3,534,000	5,267,000	6,842,348	6,851,235	6,888,000	6,877,000	8,502,000
Payments to states for Aid for Families with Dependent Children (AFDC) work programs ¹³	†	†	459,221	953,000	15,000	—	—	—	—	—
Social Security student benefits ¹⁴	167,333	342,000	489,814	629,559	729,036	1,161,000	1,267,700	1,013,700	1,126,300	1,229,800
Department of Homeland Security.....	†	†	†	†	†	500	511	500	2,600	2,900
Tuition assistance for educational accreditation—Coast Guard personnel ¹⁵	†	†	†	†	†	500	511	500	2,600	2,900
Department of the Interior.....	140,705	318,170	445,267	493,124	725,423	938,506	928,637	728,078	679,171	696,846
Mineral Leasing Act and other funds.....	†	†	†	†	†	†	†	†	†	†
Payments to states—estimated education share.....	12,294	62,636	123,811	18,750	24,610	60,290	56,806	52,030	50,913	50,000
Payments to counties—estimated education share.....	16,359	48,953	102,522	37,490	53,500	79,686	124,000	71,034	72,743	71,250
Indian Education.....	†	†	†	†	†	†	†	†	†	†
Bureau of Indian Education schools.....	95,850	178,112	192,841	411,524	466,905	517,647	523,673	518,700	540,734	560,799
Johnson-O'Malley assistance ¹⁶	16,080	28,081	25,556	24,359	17,387	16,510	16,371	12,000	13,782	13,797
Education construction.....	†	†	†	†	161,021	263,373	206,787	73,314	—	—
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
Department of Justice.....	8,237	23,890	65,997	128,850	224,800	554,500	514,300	719,600	769,825	828,143
Vocational training expenses for prisoners in federal prisons.....	2,720	4,966	2,066	3,000	1,000	0	1,000	6,000	1,025	943
Inmate programs ¹⁷	5,517	18,924	63,931	125,850	223,800	554,500	513,300	713,600	768,800	827,200
Department of Labor.....	420,927	1,849,800	2,505,487	3,957,800	4,683,200	5,654,000	5,355,000	5,226,000	5,070,000	6,321,000
Job Corps.....	†	469,800	739,376	1,029,000	1,256,000	1,521,000	1,599,000	1,605,000	1,605,000	1,664,000
Training programs—estimated funds for education programs ¹⁸	420,927	1,380,000	1,766,111	2,928,800	3,427,200	4,133,000	3,756,000	3,621,000	4,307,000	4,657,000
Department of Transportation.....	45	60	46	62	188	†	†	†	†	†
Tuition assistance for educational accreditation—Coast Guard personnel ¹⁵	45	60	46	62	188	†	†	†	†	†
Department of the Treasury.....	†	935,903	†	†	†	†	†	†	†	†
Estimated education share of general revenue sharing ¹⁹	†	†	†	†	†	†	†	†	†	†
State ²⁰	†	525,019	†	†	†	†	†	†	†	†
Local.....	†	410,884	†	†	†	†	†	†	†	†

See notes at end of table.

Table 375. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2009—Continued
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 ¹	1995 ¹	2000 ¹	2005 ¹	2006 ¹	2007 ^{1,2}	2008 ^{1,2}	2009 ^{1,2}
1	2	3	4	5	6	7	8	9	10	11
Department of Veterans Affairs.....	338,910	545,786	155,351	311,768	445,052	1,815,000	1,866,000	2,300,564	1,628,100	1,789,200
Noncollegiate and job training programs ²¹	281,640	439,993	12,848	↑	↑	↑	↑	↑	↑	↑
Vocational rehabilitation for disabled veterans ²²	41,700	87,980	136,780	298,132	438,635	1,815,000	1,866,000	2,300,564	1,628,100	1,789,200
Dependents' education ²³	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	1,218	1,110	0	900
National Endowment for the Arts.....	↑	4,989	4,641	7,117	6,002	8,470	8,058	8,825	9,606	9,775
Arts in education.....	↑	4,989	4,641	7,117	6,002	8,470	8,058	8,825	9,606	9,775
National Endowment for the Humanities.....	20	330	404	997	812	603	0	75	0	0
Office of Economic Opportunity.....	1,072,375	↑	↑	↑	↑	↑	↑	↑	↑	↑
Head Start ²⁴	325,700	↑	↑	↑	↑	↑	↑	↑	↑	↑
Other elementary and secondary programs ²⁵	42,809	↑	↑	↑	↑	↑	↑	↑	↑	↑
Job Corps ²⁶	144,000	↑	↑	↑	↑	↑	↑	↑	↑	↑
Youth Corps and other training programs ²⁶	553,368	↑	↑	↑	↑	↑	↑	↑	↑	↑
Volunteers in Service to America (VISTA) ²⁷	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	123,653	137,416	130,298	137,904
Postsecondary education.....	\$3,447,697	\$11,115,882	\$13,650,915	\$17,618,137	\$15,008,715	\$38,587,287	\$57,757,738	\$37,465,287	\$36,460,850	\$37,221,063
Department of Education ⁹	1,187,962	5,682,242	11,175,978	14,234,000	10,727,315	31,420,023	50,624,621	30,052,007	28,838,752	27,712,869
Student financial assistance.....	↑	3,682,789	5,920,328	7,047,000	9,060,317	15,209,515	14,864,129	15,355,736	17,751,084	23,172,078
Federal Direct Student Loan Program.....	↑	↑	↑	840,000	-2,862,240	3,020,992	6,842,092	5,391,146	5,333,920	1,420,746
Federal Family Education Loan Program.....	2,323	1,407,977	4,372,446	5,190,000	2,707,473	10,777,470	26,336,661	6,033,322	3,288,531	352,119
Higher education.....	1,029,131	399,787	659,492	871,000	1,530,779	2,053,288	2,058,920	2,399,892	2,029,379	2,340,146
Facilities—loans and insurance.....	114,199	-19,031	19,219	-6,000	-2,174	-1,464	-1,671	-1,688	-1,872	-1,872
College housing loans ²⁸	↑	14,082	-57,167	-46,000	-41,886	-33,521	-27,229	-20,722	-17,529	-17,300
Educational activities overseas.....	774	3,561	82	↑	↑	↑	↑	↑	↑	↑
Historically Black Colleges and Universities Capital Financing, Program Account.....	↑	↑	↑	↑	150	169	165	318,840	18,222	11,491
Gallaudet College and Howard University.....	38,559	176,829	230,327	292,000	291,060	339,823	340,664	351,665	343,164	339,389
National Technical Institute for the Deaf.....	2,976	16,248	31,251	46,000	43,836	53,751	56,670	57,836	58,308	59,905
Hurricane Katrina, aid to institutions.....	↑	↑	↑	↑	↑	↑	153,853	165,963	35,361	36,197
Department of Agriculture.....	↑	10,453	31,273	33,373	30,676	61,957	62,327	64,357	66,709	73,150
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	62,327	64,357	66,709	73,150
Department of Commerce.....	8,277	29,971	3,312	3,487	3,800	—	—	—	—	—
Sea Grant Program ²⁹	↑	3,123	3,312	3,487	3,800	—	—	—	—	—
Merchant Marine Academy ³⁰	6,160	14,809	↑	↑	↑	↑	↑	↑	↑	↑
State marine schools ³⁰	2,117	12,039	↑	↑	↑	↑	↑	↑	↑	↑
Department of Defense.....	322,100	545,000	635,769	729,500	1,147,759	1,858,301	1,833,446	1,846,850	1,946,352	2,180,437
Tuition assistance for military personnel.....	57,500	—	95,300	127,000	263,303	608,109	563,961	607,515	603,610	678,609
Service academies.....	78,700	106,100	120,613	163,300	212,678	300,760	321,920	354,528	330,156	352,707
Senior Reserve Officers Training Corps (SROTC).....	108,100	—	193,056	219,400	363,461	537,525	498,165	434,687	549,633	646,796
Professional development education ³¹	77,800	—	226,800	219,800	308,317	411,907	449,400	450,120	462,953	502,325
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 ¹¹	↑	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	1,264,585	1,159,279	1,184,856	1,250,128
Health professions training programs ³²	353,029	460,736	230,600	298,302	340,361	581,661	420,115	302,081	318,225	354,332
Indian health manpower.....	↑	7,187	9,508	27,000	16,000	27,000	32,000	32,000	29,000	37,000
National Health Service Corps scholarships.....	↑	70,667	4,759	78,206	33,300	45,000	40,000	40,000	40,000	40,000
National Institutes of Health training grants ³³	↑	176,388	241,356	380,502	550,220	756,014	748,642	761,034	770,481	790,246
National Institute of Occupational Safety and Health training grants.....	8,088	12,899	10,461	11,660	14,198	23,841	23,828	24,164	27,150	28,550
Alcohol, drug abuse, and mental health training programs ³⁴	118,366	122,103	81,353	↑	↑	↑	↑	↑	↑	↑
Health teaching facilities ³⁵	↑	3,078	505	365	110	↑	↑	↑	↑	↑
Social Security postsecondary students' benefits ³⁶	502,000	1,559,000	↑	↑	↑	↑	↑	↑	↑	↑

See notes at end of table.

Table 375. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2009—Continued
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 ¹	1995 ¹	2000 ¹	2005 ¹	2006 ¹	2007 ^{1,2}	2008 ^{1,2}	2009 ^{1,2}
1	2	3	4	5	6	7	8	9	10	11
Department of Homeland Security	†	†	†	†	†	36,400	44,000	48,900	52,400	55,700
Coast Guard Academy ¹⁵	†	†	†	†	†	16,400	22,800	23,400	21,500	22,000
Postgraduate training for Coast Guard officers ³⁷	†	†	†	†	†	8,700	11,400	12,800	17,000	18,500
Tuition assistance to Coast Guard military personnel ¹⁵	†	†	†	†	†	11,300	9,800	12,700	13,900	15,200
Department of Housing and Urban Development ²⁹	114,199	†	†	†	†	†	†	†	†	†
College housing loans ²⁹	114,199	†	†	†	†	†	†	†	†	†
Department of the Interior	31,749	80,202	135,480	159,054	187,179	249,227	165,313	176,695	180,497	183,374
Shared revenues, Mineral Leasing Act and other receipts—estimated										
education share	6,949	35,403	69,980	82,810	98,740	146,235	59,579	52,400	52,743	51,250
Indian programs										
Continuing education	9,380	16,909	34,911	43,907	57,576	76,271	79,610	98,463	101,795	106,029
Higher education scholarships	15,420	27,890	30,589	32,337	30,863	26,721	26,124	25,832	25,959	26,095
Department of State	30,850	†	2,167	3,000	319,000	424,000	443,000	473,000	522,000	538,000
Educational exchange ³⁸	30,850	†	†	†	319,000	424,000	443,000	473,000	522,000	538,000
Mutual educational and cultural exchange activities	30,454	†	†	†	303,000	402,000	423,000	453,000	503,000	517,000
International educational exchange activities	396	†	†	†	16,000	22,000	20,000	20,000	19,000	21,000
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	71,000	74,000	72,000	83,000
Merchant Marine Academy ³⁰	†	†	20,926	30,850	34,000	61,000	63,000	61,000	59,000	66,000
State marine schools ³⁰	†	†	8,269	8,980	7,000	12,000	8,000	13,000	13,000	17,000
Coast Guard Academy ¹⁵	9,342	10,000	12,074	13,500	15,500	†	†	†	†	†
Postgraduate training for Coast Guard officers ³⁷	1,655	2,230	4,173	5,513	2,500	†	†	†	†	†
Tuition assistance to Coast Guard military personnel ¹⁵	200	300	582	414	1,300	†	†	†	†	†
Department of the Treasury	†	296,750	†	†	†	†	†	†	†	†
General revenue sharing—estimated state share to higher education ^{19,20}	†	296,750	†	†	†	†	†	†	†	†
Department of Veterans Affairs	693,490	1,803,847	599,825	1,010,114	1,132,322	2,478,624	2,681,560	2,955,835	2,996,891	4,290,800
Vietnam-era veterans	638,260	1,579,974	46,998	†	†	†	†	†	†	†
College student support	†	1,560,081	39,458	†	†	†	†	†	†	†
Work-study	†	19,893	7,540	†	†	†	†	†	†	†
Service persons college support	18,900	46,617	8,911	†	†	†	†	†	†	†
Post-Vietnam veterans	†	922	161,475	33,596	3,958	1,136	1,275	914	891	800
All-volunteer-force educational assistance	†	†	269,947	868,394	984,068	2,070,996	2,230,022	2,227,531	2,166,000	3,452,000
Veterans	†	†	183,765	760,390	876,434	1,887,239	1,956,747	2,081,097	2,017,000	3,391,000
Reservists	†	†	86,182	108,004	107,634	183,757	273,275	146,434	149,000	61,000
Veteran dependents' education	36,330	176,334	100,494	95,124	131,296	388,719	413,136	511,793	434,000	464,000
Payments to state education agencies	†	†	12,000	13,000	13,000	17,773	17,657	—	—	—
Reserve Education Assistance Program (REAP) ³⁹	†	†	†	†	†	†	19,470	215,597	396,000	374,000
Other agencies										
Appalachian Regional Commission	4,105	1,751	—	2,741	2,286	4,407	7,876	3,498	0	0
National Endowment for the Humanities	3,349	56,451	50,938	56,481	28,395	29,253	34,055	40,446	36,472	36,000
National Science Foundation	42,000	64,583	161,884	211,800	389,000	490,000	496,000	527,000	531,000	776,000
Science and engineering education programs	37,000	64,583	161,884	211,800	389,000	490,000	496,000	527,000	531,000	776,000
Sea Grant Program ²⁹	5,000	†	†	†	†	†	†	†	†	†
United States Information Agency ⁴⁰	8,423	51,095	181,172	260,800	†	†	†	†	†	†
Educational and cultural affairs ³⁸	†	49,546	35,862	13,600	†	†	†	†	†	†
Educational and cultural exchange programs ⁴¹	†	†	145,307	247,200	†	†	†	†	†	†
Educational exchange activities, international	†	1,549	3	†	†	†	†	†	†	†
Information center and library activities	8,423	†	†	†	†	†	†	†	†	†
Other programs										
Barry Goldwater Scholarship and Excellence in Education Foundation	†	†	1,033	3,000	3,000	3,000	3,000	3,000	3,000	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	15,954	29,418	17,920	24,605
Harry S Truman Scholarship fund	†	-1,895	2,883	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Institute of American Indian and Alaska Native Culture and Arts Development	†	†	4,305	13,000	2,000	6,000	6,000	6,000	7,000	8,000
James Madison Memorial Fellowship Foundation	†	†	191	2,000	7,000	2,000	2,000	2,000	2,000	2,000

See notes at end of table.

Table 375. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2009—Continued

[In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 ¹	1995 ¹	2000 ¹	2005 ¹	2006 ¹	2007 ^{1,2}	2008 ^{1,2}	2009 ^{1,2}
1	2	3	4	5	6	7	8	9	10	11
Other education	\$964,719	\$1,548,730	\$3,383,031	\$4,719,655	\$5,484,571	\$6,908,504	\$7,074,484	\$7,214,906	\$7,882,220	\$8,581,717
Department of Education ³	630,235	747,706	2,251,801	2,861,000	3,223,355	3,538,862	3,692,930	3,756,445	4,544,966	5,255,099
Administration	47,456	187,317	328,293	404,000	458,054	548,842	557,837	539,378	1,252,527	1,314,798
Libraries ⁴²	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	3,115,842	3,177,031	3,242,297	3,914,004
American Printing House for the Blind	1,404	4,349	5,736	7,000	9,368	16,538	18,901	18,359	19,522	26,297
Trust funds and contributions	0	27	148	0	465	136	350	21,677	30,620	0
Department of Agriculture	135,637	271,112	352,511	422,878	444,477	468,631	475,395	515,026	517,208	541,754
Extension Service	131,734	263,584	337,907	405,371	424,174	445,631	451,395	491,026	494,208	519,754
National Agricultural Library	3,903	7,528	14,604	17,507	20,303	23,000	24,000	24,000	23,000	22,000
Department of Commerce	1,226	2,479	†	†	†	†	†	†	†	†
Maritime Administration	1,226	2,479	†	†	†	†	†	†	†	†
Training for private sector employees ³⁰	1,226	2,479	†	†	†	†	†	†	†	†
Department of Health and Human Services	24,273	37,819	77,962	138,000	214,000	313,000	312,000	307,000	323,000	331,000
National Library of Medicine	24,273	37,819	77,962	138,000	214,000	313,000	312,000	307,000	323,000	331,000
Department of Homeland Security	†	†	†	†	†	278,243	194,744	307,076	264,523	277,000
Federal Law Enforcement Training Center ⁴³	†	†	†	†	†	159,000	180,000	280,000	245,000	262,000
Estimated disaster relief ⁴⁴	†	†	†	†	†	119,243	14,744	27,076	19,523	15,000
Department of Justice	5,546	27,642	26,920	36,296	34,727	26,148	26,734	28,056	28,425	30,046
Federal Bureau of Investigation National Academy	2,066	7,234	6,028	12,831	22,479	15,619	15,931	16,727	17,062	17,915
Federal Bureau of Investigation Field Police Academy	2,500	7,715	10,548	11,140	11,962	10,456	10,770	11,308	11,343	12,111
Narcotics and dangerous drug training	980	2,416	850	325	286	73	33	20	20	20
National Institute of Corrections	†	10,277	9,494	12,000	†	†	†	†	†	†
Department of State	20,672	25,000	47,539	51,648	69,349	109,309	112,014	114,120	116,280	117,000
Foreign Service Institute	15,857	25,000	47,539	51,648	69,349	109,309	112,014	114,120	116,280	117,000
Center for Cultural and Technical Interchange ³⁵	4,815	†	†	†	†	†	†	†	†	†
Department of Transportation	3,964	10,212	1,507	650	700	1,100	700	200	178	180
Highways training and education grants	2,418	3,412	—	—	—	—	—	—	—	—
Maritime Administration	†	†	1,507	650	700	1,100	700	200	178	180
Training for private sector employees ³⁰	†	†	1,507	650	700	1,100	700	200	178	180
Urban mass transportation—managerial training grants	1,546	500	†	†	†	†	†	†	†	†
Federal Aviation Administration	—	6,300	—	—	—	—	—	—	—	—
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 ⁴³	18	14,584	41,488	48,000	83,000	†	†	†	†	†
Other agencies	†	2,833	8,472	†	†	†	†	†	†	†
ACTION ⁴⁵	†	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	566,800	629,200	608,420	620,000
Education and human resources	61,570	80,518	142,801	248,408	299,000	574,000	566,800	629,200	608,420	620,000
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	1,933	2,855	3,056	3,100
Corporation for National and Community Service ⁴⁵	†	†	†	214,600	386,000	472,000	503,000	395,000	333,000	198,000
Estimated education funds	†	†	†	214,600	386,000	472,000	503,000	395,000	333,000	198,000
Federal Emergency Management Agency ⁴⁶	290	281	215	170,400	14,894	†	†	†	†	†
Estimated architect/engineer student development program	40	31	200	—	—	†	†	†	†	†
Estimated other training programs ⁴⁷	250	250	15	—	—	†	†	†	†	†
Estimated disaster relief ⁴⁴	—	—	—	170,400	14,894	†	†	†	†	†
General Services Administration	14,775	34,800	†	†	†	†	†	†	†	†
Libraries and other archival activities ⁴⁸	14,775	34,800	†	†	†	†	†	†	†	†
Institute of Museum and Library Services ⁴²	†	†	†	†	166,000	250,000	241,000	258,000	253,000	254,000
Japanese-United States Friendship Commission	†	2,294	2,299	2,000	3,000	3,000	2,000	2,000	2,000	3,000

See notes at end of table.

Table 375. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2009—Continued
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 ¹	1995 ¹	2000 ¹	2005 ¹	2006 ¹	2007 ^{1,2}	2008 ^{1,2}	2009 ^{1,2}
1	2	3	4	5	6	7	8	9	10	11
Library of Congress.....	29,478	151,871	189,827	241,000	299,000	430,000	435,000	463,000	434,000	439,000
Salaries and expenses.....	20,700	102,364	148,985	198,000	247,000	383,000	381,000	413,000	395,000	372,000
Books for the blind and the physically handicapped.....	6,195	31,436	37,473	39,000	46,000	47,000	54,000	50,000	39,000	67,000
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 ⁴⁸	†	†	77,397	105,172	121,879	276,000	276,000	273,000	279,000	317,000
National Commission on Libraries and Information Science ⁴⁹	†	2,090	3,281	1,000	2,000	1,000	1,000	1,000	1,000	†
National Endowment for the Arts.....	340	231	936	2,304	4,046	2,506	2,503	2,942	3,202	3,258
National Endowment for the Humanities.....	5,090	85,805	89,706	94,249	70,807	87,969	86,250	80,564	87,690	89,000
Smithsonian Institution.....	2,461	5,153	5,779	9,961	25,764	45,890	42,092	46,101	64,768	71,772
Museum programs and related research.....	2,261	3,254	690	3,190	18,000	32,000	33,000	37,000	55,600	61,600
National Gallery of Art extension service.....	200	426	474	771	764	890	92	101	168	172
Woodrow Wilson International Center for Scholars.....	†	1,473	4,615	6,000	7,000	13,000	9,000	9,000	9,000	10,000
U.S. Information Agency—Center for Cultural and Technical Interchange ³⁸	†	15,115	20,375	34,000	†	†	†	†	†	†
U.S. Institute of Peace.....	†	†	7,621	12,000	13,000	28,000	101,000	32,000	17,000	30,000
Other programs Estimated education share of federal aid for the District of Columbia.....	1,758	2,990	3,724	2,457	404	1,674	1,389	1,321	1,504	1,508
Research programs at universities and related institutions⁵⁰.....	\$2,283,641	\$5,801,204	\$12,606,035	\$15,677,919	\$21,660,134	\$31,753,498	\$30,715,210	\$31,793,260	\$31,305,727	—
Department of Education ⁵¹	87,823	78,742	89,483	279,000	116,464	456,822	390,548	437,484	463,729	658,224
Department of Agriculture.....	64,796	216,405	348,109	434,544	553,600	709,700	727,400	809,100	543,400	—
Department of Commerce.....	4,487	48,295	50,523	85,442	110,775	243,948	249,962	168,407	199,635	—
Department of Defense.....	356,188	644,455	1,871,864	1,853,955	1,891,710	2,675,900	2,547,020	2,980,407	2,453,800	—
Department of Energy.....	548,327	1,470,224	2,520,885	2,651,641	3,577,004	4,339,879	4,283,520	4,633,462	4,631,149	—
Department of Health and Human Services.....	623,765	2,087,053	4,902,714	6,418,969	10,491,641	16,357,996	15,906,192	15,924,314	15,959,318	—
Department of Homeland Security.....	†	†	†	†	†	309,717	321,125	265,694	196,422	—
Department of Housing and Urban Development.....	510	5,314	118	1,613	1,400	1,100	600	600	700	—
Department of the Interior.....	18,521	42,175	49,790	50,618	47,200	66,800	52,800	47,500	42,100	—
Department of Justice.....	1,945	9,189	6,858	7,204	19,400	27,500	22,400	20,500	17,700	—
Department of Labor.....	3,567	12,938	5,893	10,114	12,900	110,500	59,500	144,800	116,600	—
Department of State.....	8,220	188	1,519	23	†	†	†	†	†	†
Department of Transportation.....	12,328	31,910	28,608	75,847	55,866	52,800	62,000	44,700	62,900	—
Department of the Treasury.....	†	226	227	1,496	†	†	†	200	†	†
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	29,300	29,300	29,300	—
Environmental Protection Agency.....	19,446	41,083	87,481	125,721	98,900	83,400	64,600	57,500	56,100	—
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	2,386,342	2,389,743	2,404,213	—
National Science Foundation.....	253,628	743,809	1,427,007	1,874,395	2,566,244	3,503,216	3,591,701	3,817,849	4,107,561	—
Nuclear Regulatory Commission.....	†	32,590	42,328	22,188	12,200	15,100	13,600	12,400	12,400	—
Office of Economic Opportunity.....	20,035	†	†	†	†	†	†	†	†	†
US Arms Control and Disarmament Agency.....	100	661	25	†	†	†	†	†	†	†
Other agencies.....	1,421	990	885	500	300	7,900	6,600	9,300	8,700	—

—Not available.

†Not applicable.

¹Excludes 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, \$8,400,000,000 in FY 2005, \$8,400,000,000 in FY 2006, \$8,500,000,000 in FY 2007, \$8,610,000,000 in FY 2008, and an estimated \$9,005,000,000 in FY 2009.

²Estimated.

³The 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.

⁴Arranges 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.

⁵Includes 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.

⁶Included 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.

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

⁸The 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.

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

¹⁰Assisted 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.

¹¹Established in 1979, with funds first appropriated in FY 1980.

¹²Formerly 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.

¹³Created by the Family Support Act of 1988 to provide funds for the Job Opportunities and Basic Skills Training program. Replaced by Temporary Assistance for Needy Families program.

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

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

¹⁶Provides funding for supplemental programs for eligible American Indian students in public schools.

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

¹⁸Some 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.

¹⁹Established in FY 1972 and closed in FY 1986.

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

²¹Provided 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.

²²This 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.

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

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

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

²⁶Transferred to the U.S. Department of Labor in FYs 1971 and 1972.

²⁷Transferred to the ACTION Agency in FY 1972.

²⁸Transferred 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.

²⁹Transferred from the National Science Foundation to the U.S. Department of Commerce in October 1970.

³⁰Transferred from the U.S. Department of Commerce to the U.S. Department of Transportation in FY 1981.

³¹Includes 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.

³²Does not include higher education assistance loans.

³³Alcohol, drug abuse, and mental health training programs are included starting in FY 1992.

³⁴Beginning in FY 1992, data were included in the National Institutes of Health training grants program.

³⁵This program closed in FY 2004.

³⁶Postsecondary student benefits were ended by the Omnibus Budget Reconciliation Act of 1981 (Public Law 97-35) and were completely phased out by August 1985.

³⁷Includes flight training. Transferred to the U.S. Department of Homeland Security in March of 2003.

³⁸Transferred 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.

³⁹Part 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.

⁴⁰Abolished in FY 1998, with functions transferred to the U.S. Department of State and the newly created Broadcasting Board of Governors.

⁴¹Included in the "Educational and Cultural Affairs" program in FYs 1980 through 1983, and became an independent program in FY 1984.

⁴²Transferred from U.S. Department of Education to the Institute of Museum and Library Services in FY 1997.

⁴³Transferred to the U.S. Department of Homeland Security in FY 2003.

⁴⁴The disaster relief program repairs and replaces damaged and destroyed school buildings. In FY 1995, funds were for repairs due to the Northridge Earthquake in California. In FY 1995, \$74.4 million was spent on school districts, \$8.4 million on community colleges, and \$87.6 million on colleges and universities. This program was transferred from the Federal Emergency Management Agency to the U.S. Department of Homeland Security in FY 2003.

⁴⁵The National Service Trust Act of 1993 established the Corporation for National and Community Service. In 1993, ACTION became part of this agency.

⁴⁶The 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 of 2003.

⁴⁷These 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.

⁴⁸Transferred from the General Services Administration to the National Archives and Records Administration in April 1985.

⁴⁹Public Law 110-161 transferred the National Commission on Libraries and Information Science to the Institute of Museum and Library Services starting in FY 2008.

⁵⁰Includes federal obligations for research and development centers and R & D plant administered by colleges and universities. FY 2007 and FY 2008 data are estimated, except the U.S. Department of Education data, which are actual numbers.

⁵¹FY 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 for 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. Changes in total postsecondary expenditures between 2005 and 2009 resulted primarily from changes in accounting procedures in the Federal Family Education Loan Program.

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 2010. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 through 2008. (This table was prepared October 2009.)

Table 376. Estimated federal support for education, by type of ultimate recipient and agency: Fiscal year 2008
 [In millions of current dollars]

Agency	Total	Local education agencies	State education agencies	Post-secondary students	Degree-granting institutions	Federal institutions	Other education organizations ¹	Other recipients ²
1	2	3	4	5	6	7	8	9
Total³	\$223,273.5	\$44,225.6	\$10,505.3	\$52,853.3	\$80,383.2	\$5,197.9	\$18,223.2	\$11,885.0
Total program funds—on-budget	147,275.5	44,225.4	8,125.2	21,639.0	45,804.6	5,197.9	18,223.2	4,059.9
Department of Education.....	72,177.8	29,553.0	7,377.7	14,371.2	13,585.9	1,348.8	2,997.9	2,943.3
Department of Agriculture.....	16,266.9	13,414.0	696.6	†	609.7	23.0	1,029.0	494.2
Department of Commerce.....	199.6	†	†	†	199.6	†	†	†
Department of Defense.....	6,264.0	352.8	†	657.3	2,949.7	1,841.2	463.0	†
Department of Energy.....	4,631.1	†	†	†	4,631.1	†	†	†
Department of Health and Human Services.....	25,470.5	687.7	†	1,636.6	16,461.5	323.0	6,361.7	†
Department of Homeland Security.....	515.9	†	†	20.2	209.7	266.5	19.5	†
Department of Housing and Urban Development.....	0.7	†	†	†	0.7	†	†	†
Department of the Interior.....	901.8	87.5	50.9	26.0	94.8	477.5	165.0	†
Department of Justice.....	816.0	†	†	†	17.7	29.4	768.8	†
Department of Labor.....	5,186.6	†	†	†	116.6	†	5,070.0	†
Department of State.....	638.3	†	†	†	†	116.3	522.0	†
Department of Transportation.....	135.1	†	†	†	62.9	59.0	0.2	13.0
Department of Veterans Affairs.....	4,625.0	†	†	4,625.0	†	†	†	†
Other agencies and programs								
Agency for International Development.....	637.7	†	†	†	29.3	†	†	608.4
Appalachian Regional Commission.....	3.1	†	†	†	†	†	3.1	†
Barry Goldwater Scholarship and Excellence in Education Foundation.....	3.0	†	†	†	†	†	3.0	†
Corporation for National and Community Service.....	333.0	†	†	†	†	†	333.0	†
Environmental Protection Agency.....	56.1	†	†	†	56.1	†	†	†
Estimated education share of federal aid to the District of Columbia.....	149.7	130.3	†	†	17.9	†	1.5	†
Harry S Truman scholarship fund.....	3.0	†	†	†	†	†	3.0	†
Institute of American Indian and Alaska Native Culture and Arts Development.....	7.0	†	†	†	†	†	7.0	†
Institute of Museum and Library Services.....	253.0	†	†	†	†	†	253.0	†
James Madison Memorial Fellowship Foundation.....	2.0	†	†	†	†	†	2.0	†
Japanese-United States Friendship Commission.....	2.0	†	†	†	†	†	2.0	†
Library of Congress.....	434.0	†	†	†	†	434.0	†	†
National Aeronautics and Space Administration.....	2,404.2	†	†	†	2,404.2	†	†	†
National Archives and Records Administration.....	279.0	†	†	†	†	279.0	†	†
National Commission on Libraries and Information Science.....	1.0	†	†	†	†	†	†	1.0
National Endowment for the Arts.....	12.8	†	†	†	†	†	12.8	†
National Endowment for the Humanities.....	124.2	†	†	†	†	†	124.2	†
National Science Foundation.....	4,638.6	†	†	302.7	4,335.9	†	†	†
Nuclear Regulatory Commission.....	12.4	†	†	†	12.4	†	†	†
Smithsonian Institution.....	64.8	†	†	†	†	†	64.6	†
U.S. Institute of Peace.....	17.0	†	†	†	†	†	17.0	†
Other agencies.....	8.7	†	†	†	8.7	†	†	†
Off-budget support and nonfederal funds generated by federal legislation	75,998.0	†	2,380.1	31,214.3	34,578.6	†	†	7,825.1

†Not applicable.
¹Includes Head Start programs at child care centers, Job Corps and other vocational programs, adult basic education programs, and federal programs at libraries and museums.
²Other recipients include American Indian tribes, private nonprofit agencies, and banks.
³Includes 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 2010*. National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 2006, 2007, and 2008*. (This table was prepared October 2009.)

Table 377. U.S. Department of Education outlays, by type of recipient and level of education: Selected fiscal years, 1980 through 2009
[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 ¹	Other recipients ²
1	2	3	4	5	6	7		9
1980 total	\$13,137.8	\$5,313.7	\$1,103.2	\$2,137.4	\$2,267.2	\$249.8	\$693.8	\$1,372.7
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	†	†	†
1985 total	16,701.1	6,225.0	1,502.9	2,434.7	2,362.3	287.3	503.9	3,385.0
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	†	†	†
1990 total	23,198.6	8,000.7	2,490.3	3,859.6	3,649.8	441.4	912.2	3,844.4
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	†	†	†
1995 total	31,403.0	11,210.7	3,584.0	4,964.7	5,016.1	485.4	1,349.2	4,792.9
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	†	†	†
2000 total	34,106.7	16,016.0	4,316.5	4,711.7	5,005.7	506.6	1,820.2	1,730.1
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	†	†	†
2001 total	36,562.0	18,027.4	4,336.7	4,525.6	5,793.3	600.4	2,149.1	1,129.7
Elementary/secondary.....	22,862.4	18,014.5	1,999.8	392.5	405.9	69.8	1,780.6	199.4
Postsecondary.....	9,840.7	†	98.5	4,133.1	4,821.9	†	†	787.2
Other programs.....	3,293.4	12.9	2,238.4	†	†	530.6	368.5	143.1
Education research and statistics.....	565.5	†	†	†	565.5	†	†	†
2002 total	46,324.4	19,742.1	4,967.8	8,306.0	8,668.2	608.9	2,200.3	1,831.3
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	†	†	†
2003 total	57,442.9	23,837.7	6,164.6	11,032.5	10,731.8	657.8	2,478.9	2,539.6
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	†	†	†
2004 total	62,903.4	26,012.4	6,334.5	12,005.0	10,977.0	648.9	2,730.1	4,195.4
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	†	†	†
2005 total	72,893.3	28,900.2	7,126.3	14,708.2	13,362.4	669.8	3,023.0	5,103.4
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	†	†	†
2006 total	93,571.5	30,236.6	8,331.3	22,955.1	21,376.1	693.2	2,902.3	7,076.8
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	†	†	†
2007 total	71,808.0	29,008.8	7,429.4	14,269.9	13,877.6	613.2	2,931.5	3,677.7
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	†	†	†
2008 total	72,177.8	29,553.0	7,377.7	14,371.2	13,585.9	1,348.8	2,997.9	2,943.3
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	†	†	†
2009 total	75,080.6	29,660.0	8,259.4	14,331.0	14,128.2	1,388.6	3,401.1	3,912.4
Elementary/secondary.....	38,900.3	29,633.7	4,201.9	835.5	798.6	73.8	2,871.9	484.9
Postsecondary.....	30,267.1	†	808.9	13,495.5	12,671.4	†	†	3,231.8
Other programs.....	5,255.1	26.3	3,248.6	†	†	1,314.8	469.7	195.7
Education research and statistics.....	658.2	†	†	†	658.2	†	†	†

†Not applicable.

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

NOTE: Outlays by type of recipient are estimated based on obligation data. Changes in post-secondary expenditures between 2005 and 2009 resulted primarily from changes in account-

ing procedures. 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 2010. U.S. Department of Education, Budget Service, unpublished tabulations. (This table was prepared October 2009.)

Table 379. 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 2008 and 2009

[In thousands of current dollars]

State or jurisdiction	Title I total, 2008	Title I, 2009						Improving Teacher Quality State Grants, 2009
		Total	Grants to local education agencies ¹	State agency programs		Even Start	State Assessments, 2009	
				Neglected and Delinquent	Migrant			
1	2	3	4	5	6	7	8	9
Total, 50 states and D.C.²	\$14,081,595	\$14,301,514	\$13,809,281	\$48,633	\$384,771	\$58,829	\$389,678	\$2,798,849
Total, 50 states, D.C., other activities, and other jurisdictions	14,787,039	15,004,053	14,492,401	50,427	394,771	66,454	410,732	2,947,749
Alabama	226,337	242,060	238,216	745	2,096	1,002	6,628	47,444
Alaska	47,060	46,044	38,215	242	7,281	306	3,571	13,986
Arizona	292,505	300,152	290,541	1,377	7,040	1,195	8,326	49,362
Arkansas	155,015	170,408	163,674	405	5,645	684	5,237	29,165
California	1,883,812	1,800,558	1,651,553	2,376	139,756	6,873	32,776	327,107
Colorado	147,827	166,968	159,990	551	5,752	675	6,795	33,921
Connecticut	120,892	115,601	112,784	1,285	1,090	443	5,685	26,558
Delaware	40,431	42,313	41,031	694	282	306	3,657	13,986
District of Columbia	48,785	49,535	48,889	341	0	306	3,338	13,986
Florida	703,197	702,690	674,794	1,950	23,048	2,899	15,804	132,561
Georgia	470,040	506,877	496,479	1,237	7,044	2,117	11,085	80,809
Hawaii	46,618	44,783	43,230	289	958	306	3,885	13,986
Idaho	52,499	53,409	50,102	438	2,563	306	4,301	13,986
Illinois	613,591	640,580	635,103	1,003	1,929	2,544	13,216	118,574
Indiana	261,215	269,669	261,306	887	6,428	1,049	8,104	50,643
Iowa	77,472	80,164	78,077	435	1,330	321	5,286	22,459
Kansas	109,774	115,985	103,935	388	11,663	0	5,226	22,861
Kentucky	223,604	235,930	226,000	975	8,005	951	6,235	45,509
Louisiana	309,163	315,407	309,973	1,625	2,642	1,166	6,565	64,041
Maine	54,329	54,832	52,874	198	1,454	306	3,909	13,986
Maryland	198,786	194,194	191,811	1,129	437	818	7,332	41,151
Massachusetts	243,726	248,911	244,146	2,143	1,611	1,010	7,665	51,825
Michigan	551,994	566,379	554,960	395	8,681	2,344	10,890	112,425
Minnesota	133,032	144,364	140,234	248	3,295	587	7,007	38,884
Mississippi	195,828	201,042	198,545	745	936	816	5,441	42,810
Missouri	236,207	238,468	234,624	1,379	1,530	935	7,569	50,700
Montana	46,039	47,250	45,701	106	1,137	306	3,712	13,986
Nebraska	67,513	73,880	68,008	471	5,095	306	4,408	14,263
Nevada	84,215	93,546	92,553	320	267	406	5,095	15,836
New Hampshire	40,008	40,758	39,848	448	156	306	3,975	13,986
New Jersey	299,771	291,371	285,749	2,629	1,845	1,148	9,663	64,928
New Mexico	118,239	119,878	118,077	253	1,055	493	4,583	22,958
New York	1,269,809	1,264,435	1,245,206	2,954	10,940	5,335	17,305	227,449
North Carolina	379,106	378,758	371,118	1,037	5,035	1,568	10,113	67,951
North Dakota	35,285	36,283	35,642	70	265	306	3,452	13,986
Ohio	532,497	555,749	548,168	2,192	3,098	2,291	11,882	108,260
Oklahoma	155,535	164,244	161,384	301	1,885	673	5,859	34,252
Oregon	155,357	148,129	138,639	1,021	7,891	577	5,790	28,646
Pennsylvania	590,980	589,777	576,938	1,315	9,096	2,429	12,052	114,956
Rhode Island	55,184	53,545	52,239	728	272	306	3,749	13,986
South Carolina	214,862	213,873	210,587	1,784	623	879	6,412	37,806
South Dakota	43,805	45,102	43,747	157	892	306	3,625	13,986
Tennessee	249,559	278,045	275,730	460	680	1,176	7,749	52,244
Texas	1,406,279	1,437,805	1,366,709	2,433	62,950	5,713	24,007	248,187
Utah	64,928	72,333	69,138	783	2,107	306	5,596	19,513
Vermont	35,190	34,913	33,494	416	697	306	3,431	13,986
Virginia	235,732	251,482	247,926	1,720	801	1,035	8,815	52,705
Washington	214,539	215,768	199,417	1,065	14,451	834	7,954	48,044
West Virginia	103,392	94,877	93,698	722	78	379	4,255	23,377
Wisconsin	206,485	217,408	214,714	1,127	688	878	7,257	46,847
Wyoming	33,545	34,981	33,766	640	270	306	3,403	13,986
Other activities/jurisdictions								
Indian Tribe Set-Aside	99,607	102,123	101,126	0	0	997	2,000	14,665
Other nonstate allocations	52,468	24,248	9,000	1,261	10,000	3,987	10,732	27,239
American Samoa	10,230	9,921	9,837	0	0	84	379	3,498
Guam	12,132	12,234	12,130	0	0	104	815	5,155
Northern Marianas	3,716	3,604	3,573	0	0	31	256	1,646
Puerto Rico	513,825	537,078	534,236	533	0	2,309	6,322	92,331
U.S. Virgin Islands	13,467	13,331	13,218	0	0	113	551	4,365

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

NOTE: Detail may not sum to totals because of rounding. These are preliminary estimates for fiscal year 2009. Reading First State Grants has no allocations for fiscal year 2009.

SOURCE: U.S. Department of Education, Budget Service, Elementary, Secondary, and Vocational Education Analysis Division, unpublished tabulations. (This table was prepared August 2009.)

Table 380. Federal obligations for research, development, and R&D plant, by performers, fields of science, and category of obligation: Fiscal years 2000 through 2008

[In millions of current dollars]

Performers, fields of science, and category of obligation	Actual						Estimated			Percent change, 2007 to 2008
	2000	2001	2002	2003	2004	2005	2006	2007	2008	
1	2	3	4	5	6	7	8	9	10	11
Total obligations for research, development, and R&D plant.....	\$77,356.1	\$84,003.0	\$90,157.7	\$97,927.9	\$105,370.7	\$112,994.6	\$112,270.6	\$116,699.7	\$113,212.6	-3.0
Research and development obligations	72,863.2	79,933.2	85,853.0	93,661.3	101,376.5	109,223.5	110,145.8	114,501.5	111,346.0	-2.8
Performers										
Federal intramural ¹	17,149.8	20,219.8	21,044.8	22,861.6	22,423.2	24,125.4	25,563.2	25,550.8	25,047.8	-2.0
Industrial firms	27,735.5	27,006.2	29,538.2	33,852.7	39,214.6	44,112.5	44,152.9	44,304.6	45,059.3	1.7
FFRDCs ² administered by industrial firms	1,100.9	1,186.6	1,351.1	1,507.6	1,543.1	1,612.1	1,421.9	4,655.3	1,654.9	-64.5
Universities and colleges	16,815.1	19,587.9	21,290.1	22,693.5	24,169.7	24,841.5	24,336.3	25,008.3	24,588.2	-1.7
FFRDCs ² administered by universities and colleges	4,053.2	4,617.7	4,641.2	4,754.2	5,400.9	5,686.1	5,439.1	5,655.8	5,746.9	1.6
Other nonprofit institutions	4,216.6	5,138.8	5,739.1	5,706.7	5,623.7	5,910.0	6,000.1	6,063.8	5,897.7	-2.7
FFRDCs ² administered by nonprofit institutions	1,231.5	1,269.1	1,404.8	1,352.8	1,443.2	1,649.2	1,816.0	2,048.0	2,150.2	5.0
State and local governments	224.0	450.6	452.2	400.0	880.1	660.8	619.6	555.7	528.4	-4.9
Foreign	336.7	456.5	391.6	532.4	677.9	625.8	796.7	659.3	672.7	2.0
Research obligations	38,470.5	44,713.7	48,006.7	51,071.8	53,357.8	53,738.2	53,535.7	55,074.6	54,708.7	-0.7
Performers										
Federal intramural ¹	9,449.6	11,130.9	11,857.4	12,419.6	12,085.2	12,349.9	12,261.6	12,343.5	12,544.3	1.6
Industrial firms	4,801.2	5,262.3	5,786.8	6,042.4	6,782.7	6,456.4	6,436.3	6,981.9	6,400.1	-8.3
FFRDCs ² administered by industrial firms	700.3	822.3	937.3	1,103.5	1,131.6	1,082.0	947.9	895.9	945.1	5.5
Universities and colleges	16,015.9	18,657.1	20,285.4	21,676.5	22,699.1	23,156.0	22,809.4	23,297.2	23,169.1	-0.5
FFRDCs ² administered by universities and colleges	2,773.2	3,096.3	3,219.4	3,272.6	3,687.3	3,743.4	3,783.0	4,052.4	4,157.5	2.6
Other nonprofit institutions	3,719.8	4,577.9	4,723.0	5,196.3	5,216.4	5,295.8	5,448.9	5,507.0	5,453.5	-1.0
FFRDCs ² administered by nonprofit institutions	696.1	739.4	749.6	779.0	795.5	907.8	1,028.6	1,190.0	1,241.5	4.3
State and local governments	162.5	308.7	275.5	305.8	532.9	376.8	417.9	398.3	392.4	-1.5
Foreign	152.0	118.9	172.3	276.1	427.0	370.2	402.1	408.3	405.1	-0.8
Fields of science										
Life sciences	17,964.7	23,057.3	25,476.8	27,772.2	27,728.5	28,127.8	27,927.7	27,814.4	27,532.7	-1.0
Psychology	1,626.7	741.9	905.9	1,104.4	1,854.9	1,891.8	1,747.3	1,757.0	1,758.3	0.1
Physical sciences	4,787.9	4,600.8	4,983.2	5,021.6	5,211.1	5,493.7	5,351.1	5,467.9	5,607.0	2.5
Environmental sciences	3,328.8	3,251.7	3,418.3	3,740.9	3,741.6	3,502.6	3,430.6	3,343.2	3,408.3	1.9
Mathematics and computer sciences	2,205.6	2,610.6	2,630.7	1,104.4	2,949.4	2,983.4	2,814.9	3,193.6	3,129.2	-2.0
Engineering	6,346.4	8,197.0	8,274.9	8,405.1	8,866.4	8,552.9	8,678.7	9,426.0	9,258.4	-1.8
Social sciences	1,050.3	1,008.6	1,038.5	1,025.8	1,089.6	1,097.1	1,123.9	1,141.0	1,146.3	0.5
Other sciences	1,160.2	1,245.8	1,278.4	1,329.3	1,916.3	2,088.9	2,461.3	2,931.6	2,868.5	-2.2
Basic research obligations	19,569.8	21,958.1	23,668.3	24,751.4	26,120.7	27,140.3	26,584.6	27,476.5	27,720.7	0.9
Performers										
Federal intramural ¹	3,621.8	4,193.8	4,460.0	4,662.1	4,671.6	4,772.7	4,763.9	4,888.7	4,911.2	0.5
Industrial firms	1,356.5	917.1	1,231.9	1,279.6	1,969.4	2,051.0	1,858.9	1,978.0	1,974.9	-0.2
FFRDCs ² administered by industrial firms	171.3	175.1	239.6	312.8	292.2	270.1	220.4	235.6	229.8	-2.5
Universities and colleges	10,056.7	11,792.2	12,668.2	13,151.8	13,398.5	13,989.9	13,657.6	13,930.5	14,002.5	0.5
FFRDCs ² administered by universities and colleges	1,674.0	1,762.1	1,805.2	1,827.8	2,005.8	2,021.2	2,096.8	2,324.6	2,408.0	3.6
Other nonprofit institutions	1,985.3	2,441.7	2,531.7	2,703.9	2,746.1	2,914.2	2,867.4	2,839.1	2,858.0	0.7
FFRDCs ² administered by nonprofit institutions	521.6	540.5	563.4	582.1	606.8	670.7	755.8	916.3	971.1	6.0
State and local governments	75.7	71.5	71.5	85.4	197.9	235.9	152.7	152.2	153.6	0.9
Foreign	106.9	64.0	96.8	146.1	232.3	214.6	211.2	211.6	211.6	#
Fields of science										
Life sciences	10,049.0	12,835.5	14,024.1	14,765.3	14,490.0	15,247.6	14,934.4	14,793.1	14,732.2	-0.4
Psychology	817.8	292.9	464.6	543.8	979.2	1,040.1	944.9	952.6	948.6	-0.4
Physical sciences	3,470.6	3,327.1	3,405.9	3,454.0	3,662.6	3,738.7	3,515.5	3,800.9	3,940.0	3.7
Environmental sciences	1,838.4	1,663.0	1,833.3	1,899.5	2,022.9	1,966.1	1,849.5	1,897.9	1,957.2	3.1
Mathematics and computer sciences	798.3	957.8	998.7	1,120.2	1,239.1	1,228.4	1,208.2	1,317.5	1,394.5	5.8
Engineering	1,764.2	1,911.5	1,864.9	1,913.1	2,271.7	2,300.5	2,364.6	2,680.4	2,711.2	1.2
Social sciences	308.0	278.4	361.7	352.8	419.3	391.4	381.0	393.3	397.3	1.0
Other sciences	523.6	691.7	715.2	702.7	1,035.9	1,227.5	1,386.5	1,640.9	1,639.7	-0.1
Applied research obligations	18,900.7	22,755.6	24,338.4	26,320.4	27,237.1	26,597.9	26,951.1	27,598.1	26,988.0	-2.2
Performers										
Federal intramural ¹	5,827.8	6,937.2	7,397.4	7,757.5	7,413.6	7,577.2	7,498.0	7,454.8	7,633.1	2.4
Industrial firms	3,444.6	4,345.2	4,554.9	4,762.8	4,813.3	4,405.4	4,577.4	5,003.9	4,425.2	-11.6
FFRDCs ² administered by industrial firms	528.9	647.2	697.7	790.7	839.3	811.9	727.5	660.3	715.4	8.3
Universities and colleges	5,959.2	6,864.9	7,617.2	8,524.7	9,300.6	9,166.1	9,151.8	9,366.8	9,166.7	-2.1
FFRDCs ² administered by universities and colleges	1,099.2	1,334.2	1,414.1	1,444.8	1,681.6	1,722.2	1,686.2	1,727.8	1,749.5	1.3
Other nonprofit institutions	1,734.5	2,136.2	2,191.3	2,492.5	2,470.3	2,381.6	2,581.5	2,667.9	2,595.5	-2.7
FFRDCs ² administered by nonprofit institutions	174.5	198.9	186.2	197.0	188.7	237.1	272.8	273.8	270.3	-1.3
State and local governments	86.9	237.1	204.0	220.4	335.0	140.9	265.1	246.1	238.8	-3.0
Foreign	45.1	54.9	75.6	130.0	194.7	155.6	190.9	196.7	193.6	-1.6

See notes at end of table.

Table 380. Federal obligations for research, development, and R&D plant, by performers, fields of science, and category of obligation: Fiscal years 2000 through 2008—Continued

[In millions of current dollars]

Performers, fields of science, and category of obligation	Actual							Estimated		Percent change, 2007 to 2008
	2000	2001	2002	2003	2004	2005	2006	2007	2008	
1	2	3	4	5	6	7	8	9	10	11
Fields of science										
Life sciences.....	7,915.7	10,221.8	11,452.7	13,007.0	13,238.5	12,880.2	12,993.3	13,021.3	12,800.5	-1.7
Psychology.....	808.9	449.0	441.3	560.6	875.6	851.6	802.4	804.4	809.7	0.7
Physical sciences.....	1,317.3	1,273.6	1,577.4	1,567.6	1,548.6	1,755.0	1,835.6	1,667.0	1,667.1	#
Environmental sciences.....	1,490.3	1,588.6	1,585.0	1,841.4	1,718.7	1,536.5	1,581.1	1,445.4	1,451.1	0.4
Mathematics and computer sciences.....	1,407.3	1,652.8	1,632.0	1,552.2	1,710.3	1,754.9	1,606.7	1,876.1	1,734.7	-7.5
Engineering.....	4,582.2	6,285.5	6,410.0	6,492.0	6,594.7	6,252.5	6,314.2	6,745.6	6,547.2	-2.9
Social sciences.....	742.3	730.2	676.9	673.0	670.3	705.8	742.9	747.7	749.0	0.2
Other sciences.....	636.6	554.1	563.3	626.6	880.5	861.4	1,074.9	1,290.7	1,228.8	-4.8
Development obligations	34,392.7	35,219.5	37,846.3	42,589.5	48,018.7	55,485.3	56,610.2	59,426.9	56,637.3	-4.7
Performers										
Federal intramural ¹	7,700.2	9,088.9	9,187.4	10,442.0	10,338.0	11,775.5	13,301.6	13,207.3	12,503.5	-5.3
Industrial firms.....	22,934.4	21,744.0	23,751.4	27,810.3	32,431.8	37,656.1	37,716.6	37,322.6	38,659.2	3.6
FFRDCs ² administered by industrial firms.....	400.6	364.3	413.7	404.1	411.6	530.1	474.0	3,759.4	709.7	-81.1
Universities and colleges.....	799.3	930.8	1,004.7	1,017.0	1,470.6	1,685.6	1,526.9	1,711.1	1,419.1	-17.1
FFRDCs ² administered by universities and colleges.....	1,279.9	1,521.4	1,421.8	1,481.6	1,713.5	1,942.8	1,656.1	1,603.5	1,589.4	-0.9
Other nonprofit institutions.....	496.8	560.8	1,016.1	510.3	407.4	614.1	551.2	556.8	444.2	-20.2
FFRDCs ² administered by nonprofit institutions.....	535.4	529.7	655.2	573.7	647.7	741.5	787.4	858.0	908.7	5.9
State and local governments.....	61.5	141.9	176.7	94.1	347.2	284.1	201.7	157.4	136.0	-13.6
Foreign.....	184.7	337.6	219.2	256.3	250.9	255.6	394.6	251.0	267.6	6.6
R&D plant obligations	4,492.8	4,069.8	4,304.7	4,266.5	3,994.2	3,771.1	2,124.8	2,198.2	1,866.6	-15.1
Performers										
Federal intramural ¹	573.3	520.4	414.8	609.7	961.3	859.3	662.8	600.5	348.7	-41.9
Industrial firms.....	2,814.6	2,179.8	2,524.9	1,817.0	1,442.0	1,381.4	265.8	241.5	220.8	-8.6
FFRDCs ² administered by industrial firms.....	27.6	41.8	109.1	145.7	188.3	125.7	82.7	22.9	59.7	160.2
Universities and colleges.....	213.5	284.7	241.1	686.9	354.3	423.0	262.5	318.1	320.4	0.7
FFRDCs ² administered by universities and colleges.....	613.8	615.9	583.3	578.4	603.9	558.3	519.3	572.1	414.0	-27.6
Other nonprofit institutions.....	55.5	27.9	29.1	70.7	164.5	134.6	127.3	135.0	139.3	3.2
FFRDCs ² administered by nonprofit institutions.....	193.5	357.5	388.8	333.9	252.4	218.0	201.6	307.3	363.1	18.2
State and local governments.....	0.9	1.4	2.0	0.8	15.8	55.2	2.6	0.4	0.4	-8.2
Foreign.....	0.1	40.4	11.7	23.4	11.7	15.6	0.3	0.3	0.3	4.4

#Rounds to zero.

¹Includes costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.²Federally 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*, 2000 through 2008. (This table was prepared October 2009.)

