

**THE IMPACTS OF FEDERAL GOVERNMENT SPENDING ON THE
DALLAS-FORT WORTH ECONOMY**

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I. Introduction

As every introductory economics student learns, government spending represents a sizeable percentage of overall economic activity. Federal, state and local governments combined expended \$3.5 trillion in 2002, which represented one-third of the nation's \$10.5 trillion gross domestic product (GDP). Federal government spending of \$2.1 trillion by itself constituted 20 percent of GDP in 2002.

As with the nation, the federal government is a major force in the north Texas economy, defined as the 12-county Dallas-Fort Worth-Arlington metropolitan statistical area (MSA).¹ Not only do many federal agencies have sizeable operations in the DFW Metroplex, but billions of dollars also flow into the region through procurement and income transfers such as social security disbursements.

In what follows, we estimate the overall economic impacts of the federal government's civilian, or "non-defense", expenditures in the Dallas-Fort Worth region. Three types of impacts are measured: the direct, or primary impacts; the indirect impacts; and the induced impacts. Direct impacts result from the initial increase in output, or total spending, of the governmental units themselves. Indirect impacts include the spending of local firms that provide inputs or supplies to the firms that are the recipients of direct spending. Induced impacts are those associated with employees of these firms spending a portion of their incomes for local purchases of goods and services. When these dollars are spent, they produce income for someone else in the local economy. When added together, the indirect and induced secondary spending is sometimes referred to as the "multiplier effect."

¹ Component counties include Collin, Dallas, Delta, Denton, Ellis, Hunt, Kaufman, Rockwall, Johnson, Parker, Tarrant and Wise.

II. Federal spending and its local economic impacts

Federal non-defense spending comes to the Dallas-Fort Worth area in three basic categories. The first is governmental payrolls, comprised essentially of the salaries and wages of resident civil servants and postal workers. The second category is transfer payments to individuals, which include remittances such as supplemental security income (SSI), Social Security retirement and survivors' benefits, and other federal pension programs. The third category is direct spending by federal agencies on procurement, grants, loans, loan guarantees, and insurance. A portion of these funds goes directly to individuals while the balance is disbursed through third parties, including state and local government departments and agencies.

To estimate the economic impacts from federal spending, we have utilized the IMPLAN input-output modeling system developed by the Minnesota IMPLAN Group. This model provides estimates of commodity trade flows including local production and consumption at the county level based on data from the U.S. Department of Commerce. The IMPLAN model is widely used in academic and professional studies, and it is judged to offer reasonable and conservative estimates of direct, indirect, and induced economic impacts for any sector of the economy. For this analysis, we have combined the impact estimates for each of the 12 counties in the region.

In the cases of governmental payrolls and transfer payments, the IMPLAN model allows us to estimate spending impacts by household income groups. On average, lower-income households exhibit different expenditure patterns than higher-income households

and may also have a lower propensity to save. These differences are captured in the IMPLAN model and presented in Tables 1 and 2.

All federal expenditure data were taken from the *2002 Consolidated Federal Funds Report* published by the U.S. Bureau of the Census. Appendix A combines spending for each federal program in the 12-county Dallas-Fort Worth area.

A. Federal salaries and wages

Table 1 summarizes the direct, indirect and induced impacts of salaries and wages paid to approximately 44,000 federal employees in the Dallas-Fort Worth area in 2002. Total salaries and wages paid to federal civilian workers in 2002 exceeded \$2.4 billion. Adding the indirect and induced spending, we find the total local impact of federal employment in the region at nearly \$3.4 billion annually.

B. Federal transfers

Transfers from Washington, mainly for Social Security beneficiaries and federal retirees, have a huge regional impact. In 2002, nearly \$6.5 billion was received by local residents in federal pensions and other retirement benefits (see Table 2). Direct, indirect, and induced spending related to these outlays boosted the local economy by about \$9.1 billion.

C. Spending by federal government agencies other than salaries and wages

The federal government purchases a myriad of goods and services from local vendors every year. In addition, billions of grant funds, loans and insurance are awarded to individuals, institutions and local agencies in the region. This is by far the largest category of civilian federal spending, and in 2002 it totaled \$16.5 billion across the

Metroplex. These expenditures boosted the local economy by \$28 billion and supported more than 300,000 jobs across the region (see Table 3).

Table 1

Impact of Federal Salaries and Wages

	Direct	Indirect	Induced	Total
\$10-15K	\$356,215,072	\$63,774,510	\$85,906,308	\$505,895,889
20-30K	237,476,721	42,176,389	58,509,905	338,163,017
30-40K	474,953,430	83,401,280	116,437,117	674,791,824
40-50K	474,953,437	84,152,289	114,578,652	673,684,378
50-70K	474,953,433	83,793,947	114,102,072	672,849,452
70K+	356,215,075	63,468,018	84,771,856	504,454,950
Total	\$2,374,767,168	\$420,766,433	\$574,305,910	\$3,369,839,510

Source: IMPLAN and authors' calculations.

Table 2

Impact of Federal Transfers to Individuals

	Direct	Indirect	Induced	Total
\$10-15K	\$967,209,483	\$173,163,100	\$233,256,255	\$1,373,628,834
20-30K	644,806,348	114,519,031	158,868,449	919,193,831
30-40K	1,289,612,688	226,454,508	316,154,743	1,832,221,936
40-50K	1,289,612,678	228,493,668	311,108,563	1,829,214,900
50-70K	1,289,612,680	227,520,700	309,814,534	1,826,947,914
70K+	967,209,471	172,330,915	230,175,950	1,369,716,324
Total	\$6,448,063,348	\$1,142,481,922	\$1,559,378,494	\$9,150,923,739

Source: IMPLAN and authors' calculations.

Table 3

Impact of Federal Grants, Loans, and Procurement

	Direct	Indirect	Induced	Total
Spending	\$16,568,414,715	\$5,218,119,348	\$6,242,382,194	\$28,028,916,739
Employment	196,652	49,740	75,071	321,463

Source: IMPLAN and authors' calculations.

III. Conclusion

As the above numbers illustrate, the federal government plays a major role in the Metroplex economy. *In 2002, initial outlays of \$25.4 billion, when combined with indirect and induced spending, boosted local economic activity by more than \$40.5 billion.* This represents approximately 15 percent of DFW's gross regional product. What's more, the turnover of federal dollars in the local economy supports about 321,000 jobs across the region. Adding together direct and indirect employment, *the federal government is responsible for more than 365,000 jobs in the Metroplex, or 13 percent of the regional total.*

APPENDIX A

Direct Federal Spending by Program in 2002 for Dallas-Fort Worth Metropolitan Area

IMPLAN Code	Industry	Program Name	FY Amount
	<i>TOTAL DIRECT EXPENDITURES OR OBLIGATIONS</i>		\$25,486,563,959
6	Sheep, Lambs and Goats	LAMB MEAT ADJUSTMENT ASSISTANCE PROGRAM	6,417
6	Sheep, Lambs and Goats	WOOL AND MOHAIR LOSS ASSISTANCE PROGRAM	359
9	Miscellaneous Livestock	WILDLIFE HABITAT INCENTIVE PROGRAM	82,271
20	Miscellaneous Crops	2000 QUALITY LOSS PROGRAM	226,146
20	Miscellaneous Crops	COMMODITY LOANS AND LOAN DEFICIENCY PAYMENTS	381,355
20	Miscellaneous Crops	COMMODITY LOANS AND LOAN DEFICIENCY PAYMENTS	2,559,899
20	Miscellaneous Crops	CONSERVATION RESERVE PROGRAM	792,685
20	Miscellaneous Crops	CROP DISASTER PROGRAM	945,872
20	Miscellaneous Crops	CROP INSURANCE	11,788,538
20	Miscellaneous Crops	CROP INSURANCE	34,592,552
20	Miscellaneous Crops	DAIRY INDEMNITY PROGRAMS	40,093
20	Miscellaneous Crops	ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	1,490,824
20	Miscellaneous Crops	FARM OPERATING LOANS	1,390,880
20	Miscellaneous Crops	FARM OPERATING LOANS	2,275,170
20	Miscellaneous Crops	FARM OWNERSHIP LOANS	175,000
20	Miscellaneous Crops	LIVESTOCK ASSISTANCE PROGRAM	11,423
20	Miscellaneous Crops	PRODUCTION FLEXIBILITY PAYMENTS FOR CONTRACT COMMODITIES	38,769,349
24	Forestry Products	FORESTRY INCENTIVES PROGRAM	10,688
25	Commercial Fishing	FISHERIES	16,114
37	Coal Mining	ABANDONED MINE LAND RECLAMATION PROGRAM	197,694
51	New Highways and Streets	HIGHWAY PLANNING AND CONSTRUCTION	307,986,680
55	Maintenance and Repair, Residential	RURAL HOUSING PRESERVATION GRANTS	30,000
56	Maintenance and Repair Other Facilities	HEALTH CARE AND OTHER FACILITIES	5,906,924
56	Maintenance and Repair Other Facilities	PROPERTY IMPROVEMENT LOAN INSURANCE FOR IMPROVING EXISTING STRUCTURE	-131,528

IMPLAN Code	Industry	Program Name	FY Amount
384	Motor Vehicles	AUTOMOBILES AND ADAPTIVE EQUIPMENT FOR CERTAIN DISABLED VETERANS	443,243
434	Local, Interurban Passenger Transit	JOB ACCESS-REVERSE COMMUTE	1,500,000
437	Air Transportation	AIRPORT IMPROVEMENT PROGRAM	17,218,930
440	Transportation Services	FEDERAL TRANSIT FORMULA GRANTS	54,067,726
440	Transportation Services	FEDERAL TRANSIT-CAPITAL INVESTMENT GRANTS	74,791,753
445	Water Supply and Sewerage Systems	SECURITY PLANNING GRANTS FOR LARGE DRINKING WATER UTILITIES	1,350,000
445	Water Supply and Sewerage Systems	WATER QUALITY COOPERATIVE AGREEMENTS	170,000
445	Water Supply and Sewerage Systems	WATERSHED PROTECTION AND FLOOD PREVENTION	-1,734
446	Sanitary Services and Steam Supply	SOLID WASTE MANAGEMENT ASSISTANCE	15,000
446	Sanitary Services and Steam Supply	WATER AND WASTE DISPOSAL SYSTEM FOR RURAL COMMUNITIES	2,534,300
446	Sanitary Services and Steam Supply	WATER AND WASTE DISPOSAL SYSTEM FOR RURAL COMMUNITIES	3,203,100
456	Banking	BUSINESS AND INDUSTRY LOANS	1,880,000
456	Banking	CERTIFIED DEVELOPMENT COMPANY LOANS (504 LOANS)	34,248,000
456	Banking	COMMUNITY FACILITIES LOANS AND GRANTS	212,160
456	Banking	MANUF HOME LOAN INS-FIN PURCHASE OF MANUF HOMES AS PRINCIPAL RESIDENCE	644,374
456	Banking	MICROLOAN DEMONSTRATION PROGRAM	23,932
456	Banking	PHYSICAL DISASTER LOANS	14,148,100
456	Banking	SMALL BUSINESS INVESTMENT COMPANIES	51,705,000
456	Banking	SMALL BUSINESS LOANS	325,979,456
456	Banking	VERY LOW TO MODERATE INCOME HOUSING LOANS	14,932,544
456	Banking	VERY LOW TO MODERATE INCOME HOUSING LOANS	11,590,978
456	Banking	VERY LOW-INCOME HOUSING REPAIR LOANS AND GRANTS	40,753
456	Banking	VERY LOW-INCOME HOUSING REPAIR LOANS AND GRANTS	39,552

IMPLAN Code	Industry	Program Name	FY Amount
456	Banking	VETERANS HOUSING GUARANTEED AND INSURED LOANS	269,353,299
459	Insurance Carriers	BOND GUARANTEES FOR SURETY COMPANIES	8,382,312
459	Insurance Carriers	FLOOD INSURANCE	33,499,439
459	Insurance Carriers	FLOOD INSURANCE	2,361,116,672
462	Real Estate	FAIR HOUSING ASSISTANCE PROGRAM-STATE AND LOCAL	517,555
462	Real Estate	HOME INVESTMENT PARTNERSHIPS PROGRAM	15,055,369
462	Real Estate	MORTGAGE INSURANCE HOMES	5,040,047,871
462	Real Estate	MORTGAGE INSURANCE HOMES FOR LOW AND MODERATE INCOME FAMILIES	185,436
462	Real Estate	MORTGAGE INSURANCE PURCHASE OF UNITS IN CONDOMINIUMS	57,955,751
462	Real Estate	PROMOTION OF THE HUMANITIES-SEMINARS AND INSTITUTES	2,000
462	Real Estate	REHABILITATION MORTGAGE INSURANCE	5,576,290
462	Real Estate	RENT SUPPLEMENTS RENTAL HOUSING FOR LOWER INCOME FAMILIES	159,988
462	Real Estate	RURAL RENTAL ASSISTANCE PAYMENTS	5,789,643
462	Real Estate	SECTION 8 HOUSING CHOICE VOUCHERS	187,542,079
462	Real Estate	SINGLE-FAMILY HOME MORTGAGE COINSURANCE	-38,500
476	Detective and Protective Services	BYRNE MEMORIAL STATE AND LOCAL LAW ENFORCE. ASSIST. DISCRETIONARY GRANT	899,987
476	Detective and Protective Services	COMMUNITY PROSECUTION AND PROJECT SAFE NEIGHBORHOODS	828,064
476	Detective and Protective Services	PUBLIC SAFETY PARTNERSHIP AND COMMUNITY POLICING GRANTS	8,120,621
488	Amusement and Recreation Services, N.E.C.	FISH AND WILDLIFE ENHANCEMENT	228,840
491	Nursing and Protective Care	SPECIALLY ADAPTED HOUSING FOR DISABLED VETERANS	413,080
493	Other Medical and Health Services	ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) ACTIVITY	675,383

IMPLAN Code	Industry	Program Name	FY Amount
493	Other Medical and Health Services	BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	26,973,534
493	Other Medical and Health Services	COMMUNITY ACCESS PROGRAM	946,620
493	Other Medical and Health Services	COMMUNITY HEALTH CENTERS	9,979,068
493	Other Medical and Health Services	COMP. COMM. MENTAL HEALTH SERV. FOR CHILDREN WITH SERIOUS EMOT. DIST.	1,993,896
493	Other Medical and Health Services	COOP AGREEMENTS TO IMPROVE THE HEALTH STATUS OF MINORITY POPULATIONS	300,000
493	Other Medical and Health Services	HEALTH CENTER GRANTS FOR HOMELESS POPULATIONS	2,200,584
493	Other Medical and Health Services	HEALTHY START INITIATIVE	3,230,766
493	Other Medical and Health Services	HIV EMERGENCY RELIEF PROJECT GRANTS	30,754,628
493	Other Medical and Health Services	HIV PREVENTION ACTIVITIES--NON-GOVERNMENTAL ORGANIZATION BASED	985,627
493	Other Medical and Health Services	INDIAN HEALTH SERVICES HEALTH MANAGEMENT DEVELOPMENT PROGRAM	754,012
493	Other Medical and Health Services	MATERNAL AND CHILD HEALTH-FEDERAL CONSOLIDATED PROGRAMS	459,458
493	Other Medical and Health Services	MEDICAL ASSISTANCE PROGRAM	1,170,811,706
493	Other Medical and Health Services	MEDICARE-HOSPITAL INSURANCE	1,796,158,081
493	Other Medical and Health Services	MEDICARE-SUPPLEMENTARY MEDICAL INSURANCE	1,188,457,991
493	Other Medical and Health Services	POISON CONTROL STABILIZATION AND ENHANCEMENT GRANTS	679,886
493	Other Medical and Health Services	PREVENTIVE HEALTH SERVICE SEXUALLY TRANSMITTED DISEASE CONTROL GRANTS	53,571
493	Other Medical and Health Services	STATE CHILDREN'S INSURANCE PROGRAM (CHIP)	72,096,176
494	Legal Services	LEGAL ASSISTANCE FOR VICTIMS	350,000
494	Legal Services	LEGAL SERVICES CORPORATION PAYMENTS	6,945,627
494	Legal Services	LOW-INCOME TAXPAYER CLINICS	57,582
494	Legal Services	MAGNET SCHOOLS ASSISTANCE	2,461,788

IMPLAN Code	Industry	Program Name	FY Amount
494	Legal Services	STATE CRIMINAL ALIEN ASSISTANCE PROGRAM	5,244,063
495	Elementary and Secondary Schools	FOREIGN LANGUAGE ASSISTANCE	175,000
495	Elementary and Secondary Schools	FOREIGN LANGUAGE INCENTIVE PROGRAM	270,606
495	Elementary and Secondary Schools	FUND FOR THE IMPROVEMENT OF EDUCATION	6,315,760
495	Elementary and Secondary Schools	IMPACT AID	2,553,791
495	Elementary and Secondary Schools	INDIAN EDUCATION-GRANTS TO LOCAL EDUCATIONAL AGENCIES	222,226
495	Elementary and Secondary Schools	RURAL EDUCATION ACHIEVEMENT PROGRAM	468,537
495	Elementary and Secondary Schools	SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES-NATIONAL PROGRAMS	364,109
495	Elementary and Secondary Schools	TITLE I GRANTS TO LOCAL EDUCATION AGENCIES	107,295,311
495	Elementary and Secondary Schools	TRIO-TALENT SEARCH	1,268,801
496	Colleges, Universities, Schools	ALL VOLUNTEER FORCE EDUCATIONAL ASSISTANCE	22,530,517
496	Colleges, Universities, Schools	BILINGUAL EDUCATION DEVELOPMENT & IMPLEMENTATION GRANTS	348,070
496	Colleges, Universities, Schools	BUSINESS AND INTERNATIONAL EDUCATION PROJECTS	46,166
496	Colleges, Universities, Schools	FEDERAL DIRECT STUDENT LOANS	58,434,966
496	Colleges, Universities, Schools	FEDERAL FAMILY EDUCATION LOANS	23,565,714
496	Colleges, Universities, Schools	FEDERAL PELL GRANT PROGRAM	117,215,403
496	Colleges, Universities, Schools	FEDERAL PERKINS LOAN PROGRAM-FEDERAL CAPITAL CONTRIBUTIONS	424,262
496	Colleges, Universities, Schools	FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	7,246,177
496	Colleges, Universities, Schools	FEDERAL WORK STUDY PROGRAM	9,101,517
496	Colleges, Universities, Schools	FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	800,000

IMPLAN Code	Industry	Program Name	FY Amount
496	Colleges, Universities, Schools	GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	2,270,596
496	Colleges, Universities, Schools	HIGHER EDUCATION-INSTITUTIONAL AID	3,483,698
496	Colleges, Universities, Schools	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES PROGRAM	124,643
496	Colleges, Universities, Schools	MATHEMATICAL SCIENCES GRANTS PROGRAM	104,180
496	Colleges, Universities, Schools	RONALD E. MCNAIR POST-BACCALAUREATE ACHIEVEMENT	1,252,239
496	Colleges, Universities, Schools	SCHOLARSHIPS HEALTH PROFESSIONS STUDENTS DISADVANTAGED BACKGROUND	493,494
496	Colleges, Universities, Schools	SPECIAL PROJECT GRANTS TO SCHOOLS OF PUBLIC HEALTH	537,172
496	Colleges, Universities, Schools	TRIO-EDUCATIONAL OPPORTUNITY CENTERS	935,172
496	Colleges, Universities, Schools	TRIO-STUDENT SUPPORT SERVICES	4,180,219
496	Colleges, Universities, Schools	BILINGUAL EDUCATION: SYSTEMWIDE IMPROVEMENT GRANTS	523,523
496	Colleges, Universities, Schools	BILINGUAL EDUCATION-PROFESSIONAL DEVELOPMENT	1,967,112
497	Colleges, Universities, Schools	BILINGUAL EDUCATION: COMPREHENSIVE SCHOOL GRANTS	843,000
497	Other Educational Services	21ST CENTURY COMMUNITY LEARNING CENTERS	7,364,759
497	Other Educational Services	COMMUNITY TECHNOLOGY CENTERS	362,448
497	Other Educational Services	CONSOLIDATED KNOWLEDGE DEVELOPMENT AND APPLICATION PROGRAM	1,522,624
497	Other Educational Services	COOP AGREE TO SUPPORT SCHOOL HEALTH EDUC TO PREVENT THE SPREAD OF HIV	343,114
497	Other Educational Services	ENVIRONMENTAL EDUCATION GRANTS	5,000
497	Other Educational Services	FAIR HOUSING INITIATIVES PROGRAM (FHIP) EDUCATION AND OUTREACH INITIATIVE	107,566
497	Other Educational Services	MEDICAL LIBRARY ASSISTANCE	50,176,705

IMPLAN Code	Industry	Program Name	FY Amount
497	Other Educational Services	POST-VIETNAM ERA VETERANS' EDUCATIONAL ASSISTANCE	15,350
497	Other Educational Services	SMITHSONIAN INSTITUTION ACADEMIC PROGRAMS	800
497	Other Educational Services	SURVIVORS AND DEPENDENTS EDUCATIONAL ASSISTANCE	2,931,378
497	Other Educational Services	TECHNOLOGY INNOVATION CHALLENGE GRANTS	49,331,188
497	Other Educational Services	TRIO-UPWARD BOUND	4,681,677
498	Job Trainings & Related Services	ADVANCED EDUCATION NURSING GRANT PROGRAM	265,860
498	Job Trainings & Related Services	ADVANCED EDUCATION NURSING TRAINEESHIPS	673,966
498	Job Trainings & Related Services	AIDS EDUCATION AND TRAINING CENTERS	7,148,522
498	Job Trainings & Related Services	ALLIED HEALTH SPECIAL PROJECTS	202,102
498	Job Trainings & Related Services	CANCER RESEARCH MANPOWER	440,226
498	Job Trainings & Related Services	CHILD WELFARE SERVICES TRAINING GRANTS	400,000
498	Job Trainings & Related Services	DRUG ABUSE NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING	330,209
498	Job Trainings & Related Services	EARLY CHILDHOOD EDUCATOR PROFESSIONAL DEVELOPMENT	1,515,268
498	Job Trainings & Related Services	EDUCATION AND HUMAN RESOURCES	6,987,708
498	Job Trainings & Related Services	EMPLOYMENT AND TRAINING ADMINISTRATION PILOTS, DEMOS & RESEARCH	159,192
498	Job Trainings & Related Services	ENGINEERING GRANTS	2,823,477
498	Job Trainings & Related Services	FAMILY PLANNING-PERSONNEL TRAINING	880,000
498	Job Trainings & Related Services	GERIATRIC TRAINING DRs., DENTISTS & BEHAVIORAL/MENTAL HEALTH PROFESSIONA	806,070
498	Job Trainings & Related Services	GRANTS FOR FACULTY DEVELOPMENT IN FAMILY MEDICINE	571,204
498	Job Trainings & Related Services	GRANTS FOR PHYSICIAN ASSISTANT TRAINING IN PRIMARY CARE	136,782
498	Job Trainings & Related Services	GRANTS TO ENCOURAGE ARREST POLICIES & ENFORCEMENT OF PROTECTION ORDERS	200,000

IMPLAN Code	Industry	Program Name	FY Amount
498	Job Trainings & Related Services	HEALTH ADMINISTRATION TRAINEESHIPS AND SPECIAL PROJECTS PROGRAM	82,356
498	Job Trainings & Related Services	LABOR CERTIFICATION FOR ALIEN WORKERS	3,000,000
498	Job Trainings & Related Services	MENTAL HEALTH RESEARCH CAREER/SCIENTIST DEVELOPMENT AWARDS	565,871
498	Job Trainings & Related Services	MINORITY ACCESS TO RESEARCH CAREERS	46,993
498	Job Trainings & Related Services	NATIONAL FIRE ACADEMY EDUCATIONAL PROGRAM	23,400
498	Job Trainings & Related Services	NATIVE AMERICAN EMPLOYMENT AND TRAINING	311,080
498	Job Trainings & Related Services	OCCUPATIONAL SAFETY AND HEALTH - SUSAN HARWOOD TRAINING GRANTS	7,124
498	Job Trainings & Related Services	PREDOCTORAL TRAINING IN FAMILY MEDICINE	129,600
498	Job Trainings & Related Services	PREPARING TOMORROW'S TEACHERS TO USE TECHNOLOGY	396,229
498	Job Trainings & Related Services	PUBLIC HEALTH TRAINEESHIPS	18,012
498	Job Trainings & Related Services	REHABILITATION CONTINUING EDUCATION PROGRAMS	3,088,443
498	Job Trainings & Related Services	REHABILITATION LONG-TERM TRAINING	799,669
498	Job Trainings & Related Services	RESEARCH AND TRAINING IN COMPLEMENTARY & ALTERNATIVE MEDICINE	555,097
498	Job Trainings & Related Services	SPECIAL ED-PERSONNEL PREPARATION TO IMPROVE SERVICES & RESULTS FOR CHILDREN	1,891,654
498	Job Trainings & Related Services	SPECIAL AMERICAN BUSINESS INTERNSHIP TRAINING PROGRAM	137,000
498	Job Trainings & Related Services	TRAINING AND FELLOWSHIPS FOR THE ENVIRONMENTAL PROTECTION AGENCY	189,000
498	Job Trainings & Related Services	WIA DISLOCATED WORKERS	388,592
499	Child Day Care Services	CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	124,002
500	Social Services, N.E.C.	ADOLESCENT FAMILY LIFE DEMONSTRATION PROJECTS	2,206,000
500	Social Services, N.E.C.	CENTERS FOR INDEPENDENT LIVING	493,502

IMPLAN Code	Industry	Program Name	FY Amount
500	Social Services, N.E.C.	CHILD SUPPORT ENFORCEMENT	17,126,968
500	Social Services, N.E.C.	COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	46,790,858
500	Social Services, N.E.C.	CONSOLIDATED GRANT PROGRAMS (FEMA)	23,400
500	Social Services, N.E.C.	COORDINATED SERVICES & ACCESS TO RESEARCH FOR WOMEN INFANTS CHILDREN	4,053,034
500	Social Services, N.E.C.	CRIME VICTIM ASSISTANCE-DISCRETIONARY GRANTS	145,424
500	Social Services, N.E.C.	CSBG DISCRETIONARY AWARDS-COMMUNITY FOOD AND NUTRITION	100,000
500	Social Services, N.E.C.	DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	174,537
500	Social Services, N.E.C.	ECONOMIC DEVELOPMENT-TECHNICAL ASSISTANCE	250,000
500	Social Services, N.E.C.	EDUC & PREV TO REDUCE SEXUAL ABUSE OF RUNAWAY HOMELESS AND STREET YOUTH	400,000
500	Social Services, N.E.C.	EMERGENCY FOOD AND SHELTER NATIONAL BOARD PROGRAM	847,544
500	Social Services, N.E.C.	EXECUTIVE OFFICE FOR WEED AND SEED	849,987
500	Social Services, N.E.C.	FEDERAL RETIREMENT AND DISABILITY PAYMENTS-- CIVILIAN	507,621,579
500	Social Services, N.E.C.	FEDERAL RETIREMENT AND DISABILITY PAYMENTS-- PUBLIC HEALTH SERVICE	2,128,560
500	Social Services, N.E.C.	FEDERAL RETIREMENT AND DISABILITY PAYMENTS-- TENNESSEE VALLEY AUTHORITY	125,329
500	Social Services, N.E.C.	FOOD STAMPS	242,052,274
500	Social Services, N.E.C.	FOSTER GRANDPARENT PROGRAM	15,163
500	Social Services, N.E.C.	GRANTS FOR PUBLIC WORKS & ECONOMIC DEVELOPMENT FACILITIES	300,000
500	Social Services, N.E.C.	HEAD START	66,683,818
500	Social Services, N.E.C.	JUVENILE MENTORING PROGRAM (JUMP)	219,997
500	Social Services, N.E.C.	MISSING CHILDREN'S ASSISTANCE	274,670
500	Social Services, N.E.C.	NATIONAL SCHOOL LUNCH PROGRAM	109,922,670

IMPLAN Code	Industry	Program Name	FY Amount
500	Social Services, N.E.C.	NEW ASSETS FOR INDEPENDENCE DEMONSTRATION PROGRAM	30,000
500	Social Services, N.E.C.	PENSION PLAN TERMINATION INSURANCE	12,531,091
500	Social Services, N.E.C.	PLANNING AND PROGRAM DEVELOPMENT GRANTS	500,323
500	Social Services, N.E.C.	REFUGEE AND ENTRANT ASSISTANCE-STATE ADMINISTERED PROGRAM	396,000
500	Social Services, N.E.C.	RETIRED AND SENIOR VOLUNTEER PROGRAM (RSVP)	217,653
500	Social Services, N.E.C.	RUNAWAY AND HOMELESS YOUTH	1,505,964
500	Social Services, N.E.C.	SENIOR COMPANION PROGRAM	531,682
500	Social Services, N.E.C.	SOCIAL SERVICES BLOCK GRANT	28,262,000
500	Social Services, N.E.C.	SPECIAL BENEFITS FOR DISABLED COAL MINERS (BLACK LUNG)	398,215
500	Social Services, N.E.C.	STATE COMMISSION	237,225
500	Social Services, N.E.C.	SUPERVISED VISITATION, SAFE HAVENS FOR CHILDREN	342,972
500	Social Services, N.E.C.	SUPPORTIVE HOUSING PROGRAM	156,659
500	Social Services, N.E.C.	TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	26,216,159
500	Social Services, N.E.C.	TRANSITIONAL LIVING FOR HOMELESS YOUTH	1,793,310
500	Social Services, N.E.C.	VOCATIONAL REHABILITATION FOR DISABLED VETERANS	2,952,723
500	Social Services, N.E.C.	VOLUNTEERS IN SERVICE TO AMERICA	302,835
502	Other Nonprofit Organizations	ASSISTANCE TO FIREFIGHTERS GRANT PROGRAM	1,532,193
502	Other Nonprofit Organizations	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	112,500
502	Other Nonprofit Organizations	MUSEUM ASSESSMENT PROGRAM	3,550
502	Other Nonprofit Organizations	PROMOTION OF THE ARTS MUSEUMS	4,804
502	Other Nonprofit Organizations	PROMOTION OF THE ARTS-CHALLENGE AMERICA GRANTS	40,000
502	Other Nonprofit Organizations	PROMOTION OF THE ARTS-GRANTS TO ORGANIZATIONS AND INDIVIDUALS	289,582
502	Other Nonprofit Organizations	PROMOTION OF THE HUMANITIES-DIVISION OF PRESERVATION AND ACCESS	4,998

IMPLAN Code	Industry	Program Name	FY Amount
502	Other Nonprofit Organizations	PROMOTION OF THE HUMANITIES-PUBLIC PROGRAMS	32,000
502	Other Nonprofit Organizations	PUBLIC AND INDIAN HOUSING	21,589,885
502	Other Nonprofit Organizations	PUBLIC HOUSING CAPITAL FUNDS	27,204,441
502	Other Nonprofit Organizations	PUBLIC HOUSING DRUG ELIMINATION PROGRAM	1,509,342
502	Other Nonprofit Organizations	WOMEN'S BUSINESS OWNERSHIP ASSISTANCE	125,000
504	Labor and Civic Organizations	EMPLOYMENT DISCRIMINATION STATE & LOCAL FAIR EMPLOYMENT PRACTICES	156,250
504	Labor and Civic Organizations	EMPLOYMENT SERVICE	660,213
504	Labor and Civic Organizations	ONE-STOP CAREER CENTER INITIATIVE	3,043,572
504	Labor and Civic Organizations	PROJECTS WITH INDUSTRY	750,000
509	Research, Development & Testing Services	ADVANCED TECHNOLOGY PROGRAM	4,230,156
509	Research, Development & Testing Services	AGING RESEARCH	5,905,643
509	Research, Development & Testing Services	ALCOHOL RESEARCH PROGRAMS	500,685
509	Research, Development & Testing Services	ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	10,542,453
509	Research, Development & Testing Services	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	3,533,723
509	Research, Development & Testing Services	BIOENGINEERING RESEARCH	243,139
509	Research, Development & Testing Services	BIOLOGICAL RESPONSE TO ENVIRONMENTAL HEALTH HAZARDS	546,537
509	Research, Development & Testing Services	BIOLOGICAL SCIENCES	2,481,454
509	Research, Development & Testing Services	BIOMEDICAL TECHNOLOGY	1,311,499
509	Research, Development & Testing Services	BLOOD DISEASES AND RESOURCES RESEARCH	989,188
509	Research, Development & Testing Services	CANCER BIOLOGY RESEARCH	3,153,220
509	Research, Development & Testing Services	CANCER CAUSE AND PREVENTION RESEARCH	962,731
509	Research, Development & Testing Services	CANCER CENTERS SUPPORT GRANTS	3,959,317
509	Research, Development & Testing Services	CANCER CONTROL	2,559,391
509	Research, Development & Testing Services	CANCER DETECTION AND DIAGNOSIS RESEARCH	1,614,193

IMPLAN Code	Industry	Program Name	FY Amount
509	Research, Development & Testing Services	CANCER TREATMENT RESEARCH	5,445,927
509	Research, Development & Testing Services	CELL BIOLOGY AND BIOPHYSICS RESEARCH	2,740,893
509	Research, Development & Testing Services	CENTER FOR MEDICAL REHABILITATION RESEARCH	192,169
509	Research, Development & Testing Services	CENTER FOR RESEARCH FOR MOTHERS AND CHILDREN	5,979,046
509	Research, Development & Testing Services	CLINICAL RESEARCH	3,167,849
509	Research, Development & Testing Services	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING (CISE)	4,975,054
509	Research, Development & Testing Services	CONSERVATION RESEARCH AND DEVELOPMENT	161,617
509	Research, Development & Testing Services	DIABETES, ENDOCRINOLOGY AND METABOLISM RESEARCH	10,320,830
509	Research, Development & Testing Services	DIGESTIVE DISEASES AND NUTRITION RESEARCH	3,797,871
509	Research, Development & Testing Services	DRUG ABUSE RESEARCH PROGRAMS	6,437,323
509	Research, Development & Testing Services	DRUG ABUSE SCIENTIST DEVELOPMENT AWARD AND RESEARCH SCIENTIST AWARDS	119,138
509	Research, Development & Testing Services	EMPLOYMENT AND TRAINING ADMINISTRATION EVALUATIONS	1,378,881
509	Research, Development & Testing Services	ENVIRONMENTAL PROTECTION CONSOLIDATED RESEARCH	221,078
509	Research, Development & Testing Services	EXTRAMURAL RESEARCH PROGRAM IN NEUROSCIENCES & NEUROLOGICAL DISORDERS	7,557,858
509	Research, Development & Testing Services	GENETICS AND DEVELOPMENTAL BIOLOGY RESEARCH AND RESEARCH TRAINING	4,731,303
509	Research, Development & Testing Services	GEOSCIENCES	657,065
509	Research, Development & Testing Services	GRANTS FOR AGRICULTURAL RESEARCH-COMPETITIVE RESEARCH GRANTS	470,000
509	Research, Development & Testing Services	HEART AND VASCULAR DISEASES RESEARCH	28,260,742
509	Research, Development & Testing Services	HUMAN GENOME RESEARCH	150,000
509	Research, Development & Testing Services	INJURY PREVENTION & CONTROL RESEARCH & STATE & COMMUNITY BASED PROGRAMS	250,000

IMPLAN Code	Industry	Program Name	FY Amount
509	Research, Development & Testing Services	INTEGRATED PROGRAMS	131,054
509	Research, Development & Testing Services	KIDNEY DISEASES, UROLOGY AND HEMATOLOGY RESEARCH	8,432,397
509	Research, Development & Testing Services	LUNG DISEASES RESEARCH	3,254,235
509	Research, Development & Testing Services	MATHEMATICAL AND PHYSICAL SCIENCES	1,350,675
509	Research, Development & Testing Services	MEASUREMENT & ENGINEERING RESEARCH & STANDARDS	6,662
509	Research, Development & Testing Services	MENTAL HEALTH RESEARCH GRANTS	16,187,543
509	Research, Development & Testing Services	MICROBIOLOGY AND INFECTIOUS DISEASES RESEARCH	8,822,630
509	Research, Development & Testing Services	MINORITY BIOMEDICAL RESEARCH SUPPORT	164,357
509	Research, Development & Testing Services	NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	195,000
509	Research, Development & Testing Services	NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUAT. & DEVEL. PROJECT GRANTS	329,153
509	Research, Development & Testing Services	NATIONAL INSTITUTE ON DISABILITY AND REHABILITATION RESEARCH	664,999
509	Research, Development & Testing Services	NTL. SPATIAL DATA INFRASTRUCTURE COOPERATIVE AGREEMENTS PROG.	5,000
509	Research, Development & Testing Services	OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	3,205,822
509	Research, Development & Testing Services	ORAL DISEASES AND DISORDERS RESEARCH	1,715,294
509	Research, Development & Testing Services	PHARMACOLOGY, PHYSIOLOGY AND BIOLOGICAL CHEMISTRY RESEARCH	18,240,681
509	Research, Development & Testing Services	POLAR PROGRAMS	451,340
509	Research, Development & Testing Services	POPULATION RESEARCH	5,188,690
509	Research, Development & Testing Services	PREVENTIVE HEALTH SERVICE SEXUALLY TRANSMITTED DISEASE RESEARCH, DEMO, IN	357,690
509	Research, Development & Testing Services	PROMOTION OF THE HUMANITIES-FELLOWSHIPS AND STIPENDS	114,000
509	Research, Development & Testing Services	RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	288,058

IMPLAN Code	Industry	Program Name	FY Amount
509	Research, Development & Testing Services	RESEARCH & TECHNOLOGY DEVELOPMENT	750,674
509	Research, Development & Testing Services	RESEARCH GRANTS FOR THE SPACE PROGRAM	2,086,494
509	Research, Development & Testing Services	RESEARCH RELATED TO DEAFNESS & COMMUNICATIVE DISORDERS	1,172,453
509	Research, Development & Testing Services	SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	1,353,233
509	Research, Development & Testing Services	SURVEYS, STUDIES INVESTIGATIONS & SPECIAL PURPOSE RELATING CLEAN AIR ACT	99,500
509	Research, Development & Testing Services	SURVEYS,STUDIES,INVESTIGATIONS AND SPECIAL PURPOSE GRANTS	52,464
509	Research, Development & Testing Services	VISION RESEARCH	5,152,761
511	State and Local Electric Utilities	RURAL ELECTRIFICATION LOANS AND LOAN GUARANTEES.	32,918,400
511	State and Local Electric Utilities	LOW INCOME HOME ENERGY ASSISTANCE	4,661,000
512	Other State and Local Govt Enterprises	DRUG COURT DISCRETIONARY GRANT PROGRAM	299,927
512	Other State and Local Govt Enterprises	EDUC AND ENFORCEMENT OF THE ANTIDISCR. PROVISION OF THE IMMIG. AND NAT.	100,000
512	Other State and Local Govt Enterprises	STATE DOMESTIC PREPAREDNESS EQUIPMENT SUPPORT PROGRAM	280,000
513	U.S. Postal Service	PROCUREMENT CONTRACTS-- U.S. POSTAL SERVICE	290,919,618
513	U.S. Postal Service	U.S. POSTAL SERVICE--OTHER EXPENDITURES (NON-SALARY/NON-PROCUREMENT)	40,723,707
515	Other Federal Government Enterprises	PROCUREMENT CONTRACTS-- ALL FED GOVT AGENCIES OTHER THAN DEFENSE & USPS	1,073,009,311
523	State & Local Government - Non-Education	CDBG/SECRETARY'S DISCRETIONARY FUND/COMMUNITY DEVELOPMENT TECH ASSIST	8,051
523	State & Local Government - Non-Education	LOCAL LAW ENFORCEMENT BLOCK GRANTS PROGRAM	3,833,736
523	State & Local Government - Non-Education	STATE ENERGY PROGRAM	4,000

IMPLAN Code	Industry	Program Name	FY Amount
523	State & Local Government - Non-Education	STATE SURVEY AND CERTIFICATION OF HEALTH CARE PROVIDERS AND SUPPLIERS	3,796,807
523	State & Local Government - Non-Education	DOT MISCELLANEOUS GRANT AWARDS	1,299,600
523	State & Local Government - Non-Education	MISCELLANEOUS GRANTS	249,737
523	State & Local Government - Non-Education	WIA INCENTIVES GRANT-SECTION503 GRANTS TO STATES	82,670
		COAL MINE WORKERS' COMPENSATION	349,354
		LONGSHORE AND HARBOR WORKERS' COMPENSATION	23,037
		FEDERAL EMPLOYEES COMPENSATION	33,340,875
		RETIREMENT AND DISABILITY PAYMENTS--FOREIGN SERVICE OFFICERS	2,346,514
		SOCIAL INSURANCE FOR RAILROAD WORKERS	95,017,215
		SOCIAL SECURITY DISABILITY INSURANCE	772,273,350
		SOCIAL SECURITY RETIREMENT INSURANCE	3,665,458,955
		SOCIAL SECURITY SURVIVORS INSURANCE	1,221,740,199
		STATE AND COMMUNITY HIGHWAY SAFETY	600,949
		VETERANS COMPENSATION FOR SERVICE-CONNECTED DISABILITY	250,359,062
		VETERANS DEPENDENCY & INDEMNITY COMPENSATION FOR SVC-CONNECTED DEATH	64,121,603
		PENSION FOR NON-SERVICE-CONNECTED DISABILITY FOR VETERANS	28,725,438
		PENSION TO VETERANS SURVIVING SPOUSES AND CHILDREN	7,915,630
		SUPPLEMENTAL SECURITY INCOME	305,791,051
		SALARIES AND WAGES--U.S. POSTAL SERVICE	1,081,706,546
		SALARIES AND WAGES--ALL FED GOVT CIVILIAN EMP EXCEPT DEFENSE & USPS	1,293,060,617

Source: U.S. Census Bureau, 2002 Consolidated Federal Fund Report.