

MISCELLANEOUS CONTRIBUTED FUNDS—Continued  
Special and Trust Fund Receipts—Continued

Identification code 12-8214-0-7-352	2009 actual	2010 est.	2011 est.
07.99 Balance, end of year .....			

**Program and Financing** (in millions of dollars)

Identification code 12-8214-0-7-352	2009 actual	2010 est.	2011 est.
<b>Obligations by program activity:</b>			
00.01 Miscellaneous contributed funds .....	22	22	22
10.00 Total new obligations .....	22	22	22
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....	19	22	24
22.00 New budget authority (gross) .....	24	24	24
22.10 Resources available from recoveries of prior year obligations .....	1		
23.90 Total budgetary resources available for obligation .....	44	46	48
23.95 Total new obligations .....	-22	-22	-22
24.40 Unobligated balance carried forward, end of year .....	22	24	26
<b>New budget authority (gross), detail:</b>			
Mandatory:			
60.26 Appropriation (trust fund) .....	24	24	24
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	4	3	3
73.10 Total new obligations .....	22	22	22
73.20 Total outlays (gross) .....	-22	-22	-24
73.45 Recoveries of prior year obligations .....	-1		
74.40 Obligated balance, end of year .....	3	3	1
<b>Outlays (gross), detail:</b>			
86.97 Outlays from new mandatory authority .....	19	17	17
86.98 Outlays from mandatory balances .....	3	5	7
87.00 Total outlays (gross) .....	22	22	24
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	24	24	24
90.00 Outlays .....	22	22	24

Miscellaneous contributed funds received from States, local organizations, individuals, and others are available for work under cooperative agreements on research activities.

**Object Classification** (in millions of dollars)

Identification code 12-8214-0-7-352	2009 actual	2010 est.	2011 est.
<b>Direct obligations:</b>			
Personnel compensation:			
11.1 Full-time permanent .....	5	5	5
11.3 Other than full-time permanent .....	1	1	1
11.5 Other personnel compensation .....	1	1	1
11.9 Total personnel compensation .....	7	7	7
12.1 Civilian personnel benefits .....	2	2	2
21.0 Travel and transportation of persons .....	1	1	1
25.2 Other services .....	2	2	2
25.5 Research and development contracts .....	5	5	5
26.0 Supplies and materials .....	4	4	4
31.0 Equipment .....	1	1	1
99.9 Total new obligations .....	22	22	22

**Employment Summary**

Identification code 12-8214-0-7-352	2009 actual	2010 est.	2011 est.
<b>Direct:</b>			
1001 Civilian full-time equivalent employment .....	108	108	108

NATIONAL INSTITUTE OF FOOD AND  
AGRICULTURE

*Federal Funds*

INTEGRATED ACTIVITIES

For the integrated research, education, and extension grants programs, including necessary administrative expenses, **[\$60,022,000]** \$24,874,000, as follows: [for competitive grants programs authorized under section 406 of the Agricultural Research, Extension, and Education Reform Act of 1998 (7 U.S.C. 7626), \$45,148,000, including \$12,649,000 for the water quality program, \$14,596,000 for the food safety program, \$4,096,000 for the regional pest management centers program, \$4,388,000 for the Food Quality Protection Act risk mitigation program for major food crop systems, \$1,365,000 for the crops affected by Food Quality Protection Act implementation, \$3,054,000 for the methyl bromide transition program, and \$5,000,000 for the organic transition program;] for a competitive international science and education grants program authorized under section 1459A of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3292b), to remain available until expended, \$3,000,000; for grants programs authorized under section 2(c)(1)(B) of Public Law 89-106, as amended, \$732,000, to remain available until September 30, [2011] 2012, for the critical issues program; \$1,312,000 for the regional rural development centers program; for grants authorized under section 1624 (7 U.S.C. 5813), \$10,000,000; and \$9,830,000 for the Food and Agriculture Defense Initiative authorized under section 1484 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977, to remain available until September 30, [2011] 2012. (7 U.S.C. 450i(c)(1)(B), 3292b, 3351, 7626; Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2010.)

**Program and Financing** (in millions of dollars)

Identification code 12-1502-0-1-352	2009 actual	2010 est.	2011 est.
<b>Obligations by program activity:</b>			
00.10 Organic research and extension init. ....	18	20	20
00.20 Water quality .....	13	13	
00.30 Food safety .....	15	15	
00.40 Regional pest management centers .....	4	4	
00.50 Crops at risk from food quality protection act implementation .....	1	1	
00.60 Food quality protection act risk mitigation program .....	4	4	
00.70 Methyl bromide transition program .....	3	3	
00.71 Homeland Security .....	10	10	10
00.72 Sustainable Agriculture Federal-State Matching Grant Program .....			10
00.85 Specialty Crop Research Initiative .....	50	50	50
00.86 International science and education grants .....	3	3	3
00.87 Regional Rural development centers .....	1	1	1
00.88 Organic transition .....	2	5	
00.89 Critical issues - plant and animal diseases .....	1	2	1
10.00 Total new obligations .....	125	131	95
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....	1	1	
22.00 New budget authority (gross) .....	125	130	95
23.90 Total budgetary resources available for obligation .....	126	131	95
23.95 Total new obligations .....	-125	-131	-95
24.40 Unobligated balance carried forward, end of year .....	1		
<b>New budget authority (gross), detail:</b>			
Discretionary:			
40.00 Appropriation .....	57	60	25
Mandatory:			
62.00 Transferred from other accounts .....	68	70	70
70.00 Total new budget authority (gross) .....	125	130	95
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	164	225	258
73.10 Total new obligations .....	125	131	95
73.20 Total outlays (gross) .....	-63	-98	-84
73.40 Adjustments in expired accounts (net) .....	-1		
74.40 Obligated balance, end of year .....	225	258	269

Outlays (gross), detail:				
86.90	Outlays from new discretionary authority .....	2	8	6
86.93	Outlays from discretionary balances .....	39	41	45
86.97	Outlays from new mandatory authority .....	3	4	4
86.98	Outlays from mandatory balances .....	19	45	29
87.00	Total outlays (gross) .....	63	98	84
Net budget authority and outlays:				
89.00	Budget authority .....	125	130	95
90.00	Outlays .....	63	98	84

Under the Integrated Activities account, research, education and/or extension grants are awarded for competitive and non-competitive programs.

*International science and education grants program.*—This program focuses on incorporating substantive international activities into programs related to food systems, agriculture and natural resources at U.S. land-grant colleges and universities.

*Critical issues program.*—Funds are proposed to develop early intervention strategies to prevent, manage or eradicate new and emerging diseases, both plant and animal, which would prevent loss of revenue to growers or producers.

*Regional rural development centers.*—Funding supports activities that pursue a holistic development strategy that tailors programming to meet regional and local needs and addresses areas of opportunity arising from a consumer-driven agricultural economy.

*Sustainable Agriculture Federal-State Matching Grant Program.*—This competitive program will assist in the creation or enhancement of State sustainable agriculture research, extension, and education programs. The matching requirement will leverage State and/or private money, and build the long-term capacity to guide the evolution of American agriculture to a more highly productive, sustainable system. Funding will support activities that integrate sustainable agriculture in all State research, extension, and education projects; support new research at sustainable agriculture centers at the nation's land grant and other colleges and universities; build stronger Statewide farmer-to-farmer networks and outreach and technical assistance strategies; and incorporate sustainable agriculture studies and curriculum in undergraduate and graduate degree programs.

*Food and agriculture defense initiative (homeland security).*—The program provides support to a unified network of public agricultural institutions to identify and respond to high risk biological pathogens in the food and agricultural system. In particular, funding will maintain and enhance risk management tools for Asian soybean rust and other pathogens of legumes. Additional funding for these laboratories is included in the Animal and Plant Health Inspection Service.

*Organic Agriculture Research and Extension Initiative.*—This mandatory program, authorized by section 7206 of the Food, Conservation, and Energy Act of 2008 (FCEA), 2008 Farm Bill, supports research and extension programs that enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products.

*Specialty Crop Research Initiative.*—This mandatory program, authorized by section 7311 of the FCEA, 2008 Farm Bill, provides funding to solve critical industry issues through research and extension activities that focus on research in plant breeding, genetics, and genomics to improve crop characteristics; efforts to identify and address threats from pests and diseases, including threats to specialty crop pollinators; efforts to improve production efficiency, productivity, and profitability over the long term; new innovations and technology, including improved mechanization and technologies that delay or inhibit ripening; and methods to

prevent, detect, monitor, control, and respond to potential food safety hazards in the production and processing of specialty crops.

The 2011 Budget provides a total of \$25 million for this account, including an increase of \$10 million for a Sustainable Agriculture Federal-State Matching Grant Program. This program will support competitive grants to integrate and elevate research, education, and extension activities to more widely benefit American agriculture, ensuring it is of the highest quality and that it is profitable. A decrease of \$45 million is proposed to eliminate funding for Section 406 programs. Research, education, and extension topics previously supported under Section 406, can be supported by other competitive grants programs, including the Agriculture and Food Safety Initiative, which is funded at \$429 million, an increase of \$166 million above the enacted level.

**Object Classification** (in millions of dollars)

Identification code 12-1502-0-1-352	2009 actual	2010 est.	2011 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent .....	2	2	2
12.1 Civilian personnel benefits .....	1	1	1
25.2 Other services .....	1	1	1
25.5 Research and development contracts .....	1	1	1
41.0 Grants, subsidies, and contributions .....	120	126	90
99.9 Total new obligations .....	125	131	95

**Employment Summary**

Identification code 12-1502-0-1-352	2009 actual	2010 est.	2011 est.
Direct:			
1001 Civilian full-time equivalent employment .....	10	10	10

INITIATIVE FOR FUTURE AGRICULTURE AND FOOD SYSTEMS

*1998 Research Act.*—Adequate funding for similar research is proposed through other USDA research programs.

BIOMASS RESEARCH AND DEVELOPMENT

**Program and Financing** (in millions of dollars)

Identification code 12-1003-0-1-271	2009 actual	2010 est.	2011 est.
<b>Obligations by program activity:</b>			
00.01 Biomass research and development .....	20	30	30
10.00 Total new obligations (object class 41.0) .....	20	30	30
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....	2	2	.....
22.00 New budget authority (gross) .....	20	28	30
23.90 Total budgetary resources available for obligation .....	22	30	30
23.95 Total new obligations .....	-20	-30	-30
24.40 Unobligated balance carried forward, end of year .....	2	.....	.....
<b>New budget authority (gross), detail:</b>			
Mandatory:			
62.00 Transferred from other accounts .....	20	28	30
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	32	38	48
73.10 Total new obligations .....	20	30	30
73.20 Total outlays (gross) .....	-14	-20	-27
74.40 Obligated balance, end of year .....	38	48	51
<b>Outlays (gross), detail:</b>			
86.97 Outlays from new mandatory authority .....	1	1	2
86.98 Outlays from mandatory balances .....	13	19	25

**BIOMASS RESEARCH AND DEVELOPMENT—Continued**  
**Program and Financing—Continued**

Identification code 12-1003-0-1-271	2009 actual	2010 est.	2011 est.
87.00 Total outlays (gross) .....	14	20	27
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	20	28	30
90.00 Outlays .....	14	20	27

Biomass Research and Development is authorized by the Biomass Research and Development Act of 2000. The program provides competitive grants for research, development, and demonstration to encourage innovation and development related to biomass, and improved commercialization of biobased products and energy. USDA and the Department of Energy jointly administer the program.

Current priorities focus on the following: feedstock development and production; biobased products emphasizing environmental and economic performance; integrated resource management and biomass use; and effective and targeted incentive systems for biomass commercialization and adoption.

**RESEARCH AND EDUCATION ACTIVITIES**

For payments to agricultural experiment stations, for cooperative forestry and other research, for facilities, and for other expenses, [\$788,243,000, of which \$120,054,000 shall be for the purposes, and in the amounts, specified in the table titled "Congressionally Designated Projects" in the statement of managers to accompany this Act] \$838,729,000, as follows: to carry out the provisions of the Hatch Act of 1887 (7 U.S.C. 361a-i), \$215,000,000; for grants for cooperative forestry research (16 U.S.C. 582a through a-7), \$29,000,000; for payments to eligible institutions (7 U.S.C. 3222), \$48,500,000, provided that each institution receives no less than \$1,000,000; for special grants (7 U.S.C. 450i(c)), [\$89,029,000] \$2,021,000; for competitive grants on improved pest control (7 U.S.C. 450i(c)), \$16,185,000; for competitive grants (7 U.S.C. 450(i)(b)), [\$262,482,000] \$428,845,000, to remain available until expended; for the support of animal health and disease programs (7 U.S.C. 3195), \$2,950,000; for supplemental and alternative crops and products (7 U.S.C. 3319d), \$835,000; for grants for research pursuant to the Critical Agricultural Materials Act (7 U.S.C. 178 et seq.), \$1,083,000, to remain available until expended; for the 1994 research grants program for 1994 institutions pursuant to section 536 of Public Law 103-382 (7 U.S.C. 301 note), \$1,805,000, to remain available until expended; for rangeland research grants (7 U.S.C. 3333), \$983,000; for higher education graduate fellowship grants (7 U.S.C. 3152(b)(6)), \$3,859,000, to remain available until expended (7 U.S.C. 2209b); for a program pursuant to section 1415A of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3151a), \$4,800,000, to remain available until expended; for higher education challenge grants (7 U.S.C. 3152(b)(1)), [\$5,654,000] \$8,154,000; for a higher education multicultural scholars program (7 U.S.C. 3152(b)(5)), \$1,241,000, to remain available until expended (7 U.S.C. 2209b); for an education grants program for Hispanic-serving Institutions (7 U.S.C. 3241), \$9,237,000; for competitive grants for the purpose of carrying out all provisions of 7 U.S.C. 3156 to individual eligible institutions or consortia of eligible institutions in Alaska and in Hawaii, with funds awarded equally to each of the States of Alaska and Hawaii, \$3,200,000; for [a] secondary [agriculture] education [program and], 2-year post-secondary education, and agriculture in the K-12 classroom (7 U.S.C. 3152(j)), [\$983,000] \$3,483,000; for aquaculture grants (7 U.S.C. 3322), \$3,928,000; for sustainable agriculture research and education (7 U.S.C. 5811), [\$14,500,000] \$15,000,000; for a program of capacity building grants (7 U.S.C. 3152(b)(4)) to institutions eligible to receive funds under 7 U.S.C. 3221 and 3222, \$18,250,000, to remain available until expended (7 U.S.C. 2209b); for payments to the 1994 Institutions pursuant to section 534(a)(1) of Public Law 103-382, \$3,342,000; for resident instruction grants for insular areas under section 1491 of the National Agricultural Research, Extension, and Teaching

Policy Act of 1977 (7 U.S.C. 3363), \$900,000; for distance education grants for insular areas under section 1490 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3362), \$750,000; for a new era rural technology program pursuant to section 1473E of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3319e), \$875,000; [for a competitive grants program for farm business management and benchmarking (7 U.S.C. 5925f), \$1,500,000; for a competitive grants program regarding biobased energy (7 U.S.C. 8114), \$2,250,000;] and for necessary expenses of Research and Education Activities, [\$45,122,000] \$14,503,000, of which \$2,704,000 for the Research, Education, and Economics Information System and [\$2,136,000] \$5,136,000 for the Electronic Grants Information System, are to remain available until expended.

**HISPANIC-SERVING AGRICULTURAL COLLEGES AND UNIVERSITIES ENDOWMENT FUND**

For the Hispanic-Serving Agricultural Colleges and Universities Endowment Fund under section 1456 (7 U.S.C. 3243) of the National Agricultural Research, Extension, and Teaching Policy Act of 1977, \$10,000,000, to remain available until expended.

**NATIVE AMERICAN INSTITUTIONS ENDOWMENT FUND**

For the Native American Institutions Endowment Fund authorized by Public Law 103-382 (7 U.S.C. 301 note), \$11,880,000, to remain available until expended. (7 U.S.C. 328, 427, 427i, 1281 note, 1621, 2201, 2204, 2225, 3101 note; 10 U.S.C. 2306; 16 U.S.C. 590(a)-590(b), 590(k); 18 U.S.C. 1114; 19 U.S.C. 1306(a), 1306(c); 20 U.S.C. 191-194; 21 U.S.C. 114c, 114e-131; 42 U.S.C. 1476(e), 1483; Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2010.)

**Special and Trust Fund Receipts (in millions of dollars)**

Identification code 12-1500-0-1-352	2009 actual	2010 est.	2011 est.
01.00 Balance, start of year .....		12	24
01.99 Balance, start of year .....		12	24
<b>Receipts:</b>			
02.40 Earnings on Investments, Native American Institutions Endowment Fund .....	4	4	5
04.00 Total: Balances and collections .....	4	16	29
<b>Appropriations:</b>			
05.00 Research and Education Activities .....	-4	-4	-5
05.01 Research and Education Activities .....	12	12	12
05.02 Research and Education Activities .....			10
05.99 Total appropriations .....	8	8	17
07.99 Balance, end of year .....	12	24	46

**Program and Financing (in millions of dollars)**

Identification code 12-1500-0-1-352	2009 actual	2010 est.	2011 est.
<b>Obligations by program activity:</b>			
00.01 Payments under the Hatch Act .....	207	215	215
00.02 Cooperative forestry research .....	28	29	29
00.03 Payments to 1890 colleges and Tuskegee Univ. and West Virginia State University .....	46	49	49
00.04 Special research grants .....	123	128	42
00.05 Agriculture Food and Research Initiative .....	146	419	429
00.06 Animal health and disease research .....	3	3	3
00.07 Federal Administration .....	39	45	15
00.08 Higher education .....	27	72	51
00.09 Native American Institutions Endowment Fund .....	4	4	5
00.12 Veterinary Medical Services Act .....		10	5
00.14 New Era Rural Technology .....	1	1	
00.15 Sun Grant Program .....		2	
00.16 Farm Business Management and Benchmarking .....		2	
00.17 Food Products to Improve Nutritional Delivery of Food Aid .....		4	
09.00 Reimbursable program .....	10	10	10
10.00 Total new obligations .....	634	993	853
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....	121	192	5
22.00 New budget authority (gross) .....	705	806	853
23.90 Total budgetary resources available for obligation .....	826	998	858
23.95 Total new obligations .....	-634	-993	-853

24.40	Unobligated balance carried forward, end of year .....	192	5	5
<b>New budget authority (gross), detail:</b>				
Discretionary:				
40.00	Appropriation .....	703	804	860
40.20	Appropriation (Native American Endowment Interest) .....	4	4	5
40.45	Portion precluded from obligation (-) (N.A. Endowment Fund) .....	-12	-12	-12
40.45	Portion precluded from obligation (-) Hispanic-Serving Agricultural Colleges and Universities Endowment Fund .....			-10
43.00	Appropriation (total discretionary) .....	695	796	843
Spending authority from offsetting collections:				
58.00	Offsetting collections (cash) .....	1	10	10
58.10	Change in uncollected customer payments from Federal sources (unexpired) .....	9		
58.90	Spending authority from offsetting collections (total discretionary) .....	10	10	10
70.00	Total new budget authority (gross) .....	705	806	853
<b>Change in obligated balances:</b>				
72.40	Obligated balance, start of year .....	880	862	1,087
73.10	Total new obligations .....	634	993	853
73.20	Total outlays (gross) .....	-652	-768	-938
73.40	Adjustments in expired accounts (net) .....	-5		
74.00	Change in uncollected customer payments from Federal sources (unexpired) .....	-9		
74.10	Change in uncollected customer payments from Federal sources (expired) .....	14		
74.40	Obligated balance, end of year .....	862	1,087	1,002
<b>Outlays (gross), detail:</b>				
86.90	Outlays from new discretionary authority .....	172	418	442
86.93	Outlays from discretionary balances .....	480	350	496
87.00	Total outlays (gross) .....	652	768	938
<b>Offsets:</b>				
Against gross budget authority and outlays:				
88.00	Offsetting collections (cash) from: Federal sources .....	-14	-10	-10
Against gross budget authority only:				
88.95	Change in uncollected customer payments from Federal sources (unexpired) .....	-9		
88.96	Portion of offsetting collections (cash) credited to expired accounts .....	13		
<b>Net budget authority and outlays:</b>				
89.00	Budget authority .....	695	796	843
90.00	Outlays .....	638	758	928
<b>Memorandum (non-add) entries:</b>				
92.01	Total investments, start of year: Federal securities: Par value .....	99	104	116
92.02	Total investments, end of year: Federal securities: Par value .....	104	116	138

The National Institute of Food and Agriculture (NIFA) participates in a nationwide system of agricultural research and education program planning and coordination between State institutions and the U.S. Department of Agriculture. It assists in maintaining cooperation among the State institutions, and between the State institutions and their Federal research partners. The agency administers grants and payments to State institutions to supplement State and local funding for agricultural research and higher education.

*Agriculture and food research initiative competitive grants.*—Section 7406 of FCEA establishes the Agriculture and Food Research Initiative (AFRI). AFRI is a competitive grant program to provide funding for fundamental and applied research, extension, and education to address food and agricultural sciences. AFRI projects will address critical issues in U.S. agriculture in the areas of global food security and hunger; climate change; sustainable bioenergy; childhood obesity; and food safety. Addressing these critical issues will engage scientists and educators with expertise in plant health and production and plant products; animal health and production and animal

products; food safety, nutrition, and health; renewable energy, natural resources, and environment; agricultural systems and technology; and agriculture economics and rural communities. AFRI allows greater flexibility in the types of projects funded to include: single function projects in research, education, and extension, and integrated research, education and/or extension awards. AFRI is the core competitive grant program for research, education, and extension.

*Payments under the Hatch Act.*—Funds under the Hatch Act are allocated on a formula basis to agricultural experiment stations of the land-grant colleges in the 50 States, the District of Columbia, Puerto Rico, Guam, the Virgin Islands, American Samoa, Micronesia, and Northern Mariana Islands.

*Cooperative forestry research.*—These funds are allocated by formula to land-grant colleges or agricultural experiment stations in the 50 States, Puerto Rico, Guam, the Virgin Islands, and other State-supported colleges and universities having a forestry school and offering graduate training in forestry sciences.

*Animal health and disease research.*—Funds, distributed by formula, support livestock and poultry disease research in approximately sixty-seven colleges of veterinary medicine and in eligible agricultural experiment stations.

*Payments to 1890 colleges and Tuskegee University and West Virginia State University.*—Funds allocated on a formula basis support agricultural research and broaden the curricula at the eighteen 1890 land-grant colleges, including Tuskegee University and West Virginia State University.

*Special research grants.*—This program addresses research areas of national interest. Funding is proposed for grant programs in IR-4 minor crop pest management, pest management alternatives, and sustainable agriculture. Funding is also proposed for integrated pest management. Advances in these areas will provide producers with safe, alternative pest control methods resulting in more farmers increasing the number of acres on which Integrated Pest Management (IPM) methods are used. Funding proposed for IR-4 minor crop pest management and minor use animal drugs will address the growing need for registration of safe pesticides and drugs for minor crops and animals and lead to a reduction by half in the levels of chemical and drug residues in food products. These pest management programs will be coordinated to address Food Quality and Protection Act issues. The IR-4 and IPM programs are contained under improved pest control funding. Improved pest control also includes Pest Management Alternatives, and Expert IPM Decision Support System Programs. A grant program for global change is proposed for research at universities as part of a coordinated Federal initiative. Funding is also proposed for the National Biological Impact Assessment Program, aquaculture centers, critical agricultural materials, supplemental and alternative crops, Joe Skeen Institute for rangeland restoration, and New Era Rural Technology Program. The 2011 Budget eliminates funding for earmarks.

*1994 Institutions Research.*—Funding is proposed to continue the competitive research grants program to build the research capacity at the thirty-four 1994 institutions by supporting agricultural research activities that address tribal, national and multistate priorities.

*Federal administration.*—A coordinating and review staff assists in maintaining cooperation within and among the States, and between the States and their Federal research partners. This staff also administers research and education grants and payments to States. Federal administration is funded from a

RESEARCH AND EDUCATION ACTIVITIES—Continued

combination of program set-asides from formula and grant programs and from direct appropriation for administration.

**Higher education.**—Funding is proposed for graduate fellowships grants, competitive challenge grants, Hispanic-serving institutions education grants program, and a multicultural scholars program. Funding is also proposed for Native American institutions, Alaska Native-serving and Native Hawaiian-serving Institutions, Secondary Education, Two-Year Postsecondary Education, Agriculture in the K-12 Classroom and Resident Instruction Grants for Insular Areas programs. These programs enable universities to broaden their curricula; increase faculty development; student research projects; and the number of new scholars recruited in the food and agricultural sciences. In addition, an increased number of graduate students, including minority graduate students, will be enrolled in the agricultural sciences. Funding is also proposed for a capacity building program at the 1890 institutions as part of the USDA initiative to strengthen these institutions through a broadening of curricula, increased faculty development and student research projects. Funding is proposed in the 2011 Budget for the Veterinary Medical Services Act to provide incentives to hire Federal veterinarians to work in shortage areas.

**Reimbursable program.**—Funds support basic and applied agriculture research and activities performed for other USDA, Federal, and non-Federal agencies.

**Native American Institutions Endowment Fund.**—This program provides for an endowment for the 1994 land-grant institutions (34 Tribally controlled colleges) to strengthen the infrastructure of these institutions and develop Indian expertise for the food and agricultural sciences and businesses and their own communities. At the termination of each fiscal year, the Secretary withdraws the income from the endowment fund for the fiscal year, and after making adjustments for the cost of administering the fund, distributes the adjusted income on a formula basis to the 1994 land-grant institutions.

**Hispanic-Serving Agricultural Colleges and Universities Endowment Fund.**—This endowment fund for Hispanic-Serving Agricultural Colleges and Universities will launch the production of skilled and marketable Hispanic student population for employment in the food and agriculture sector. Over the next ten years, the Endowment will lead to significant and measurable enhanced competence and marketability of Hispanic students in the food and agricultural sciences.

The 2011 budget provides \$429 million, an increase of \$166.4 million for the Agriculture and Food Research Initiative (AFRI) competitive peer-reviewed grant program, to initiate growth focused on creative solutions for Presidential priorities of major domestic and world food and energy problems. Focus areas are bioenergy, global climate change, global food security, nutrition and health, and food safety. The 2011 budget also proposes an additional \$5 million to help revitalize the rural economy through enhancements to education programs. The budget proposes \$10 million for the establishment of the Hispanic-Serving Agricultural Colleges and Universities Endowment Fund. In addition, total funding for NIFA reflects a reduction of \$141 million in earmarks, with \$121 million of the reduction included in this account and about \$20 million of the reduction included in the "Extension Activities" account. Finally, funding for formula driven programs, such as the Hatch Act, McIntire-Stennis and Evans-Allen are funded at the enacted level.

Object Classification (in millions of dollars)

Identification code 12-1500-0-1-352	2009 actual	2010 est.	2011 est.
<b>Direct obligations:</b>			
11.1 Personnel compensation: Full-time permanent .....	9	9	10
12.1 Civilian personnel benefits .....	3	3	3
21.0 Travel and transportation of persons .....	1	1	1
25.2 Other services .....	3	3	3
25.5 Research and development contracts .....	3	3	3
41.0 Grants, subsidies, and contributions .....	605	964	823
99.0 Direct obligations .....	624	983	843
99.0 Reimbursable obligations .....	10	10	10
99.9 Total new obligations .....	634	993	853

Employment Summary

Identification code 12-1500-0-1-352	2009 actual	2010 est.	2011 est.
<b>Direct:</b>			
1001 Civilian full-time equivalent employment .....	204	252	252
<b>Reimbursable:</b>			
2001 Civilian full-time equivalent employment .....	6	6	6

BUILDINGS AND FACILITIES

Program and Financing (in millions of dollars)

Identification code 12-1501-0-1-352	2009 actual	2010 est.	2011 est.
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....	1	1	1
24.40 Unobligated balance carried forward, end of year .....	1	1	1
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....	4	4	4
74.40 Obligated balance, end of year .....	4	4	4
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....			
90.00 Outlays .....			

Funds provide grants to States and other eligible recipients for the acquisition of land, construction, repair, improvement, extension, alteration and purchase of fixed equipment or facilities to carry out agricultural research, extension, and teaching programs. No funding has been appropriated to this account since 1997.

EXTENSION ACTIVITIES

For payments to States, the District of Columbia, Puerto Rico, Guam, the Virgin Islands, Micronesia, the Northern Marianas, and American Samoa, **[\$494,923,000, of which \$11,831,000 shall be for the purposes, and in the amounts, specified in the table titled "Congressionally Designated Projects" in the statement of managers to accompany this Act]** \$479,203,000, as follows: payments for cooperative extension work under the Smith-Lever Act, to be distributed under sections 3(b) and 3(c) of said Act, and under section 208(c) of Public Law 93-471, for retirement and employees' compensation costs for extension agents, \$297,500,000; payments for extension work at the 1994 Institutions under the Smith-Lever Act (7 U.S.C. 343(b)(3)), **[\$4,321,000]** \$5,321,000; payments for the nutrition and family education program for low-income areas under section 3(d) of the Act, \$68,070,000; payments for the pest management program under section 3(d) of the Act, \$9,938,000; **[payments for the farm safety program under section 3(d) of the Act, \$4,863,000;]** payments for New Technologies for Ag Extension under section 3(d) of the Act, \$1,750,000; payments to upgrade research, extension, and teaching facilities at institutions eligible to receive funds under 7 U.S.C. 3221 and 3222, \$19,770,000, to remain available until expended; payments for youth-at-risk programs under section 3(d) of the Smith-Lever Act, \$8,412,000; for youth farm safety education and certification extension grants, to be

awarded competitively under section 3(d) of the Act, \$486,000; payments for carrying out the provisions of the Renewable Resources Extension Act of 1978 (16 U.S.C. 1671 et seq.), \$4,068,000; payments for the federally-recognized Tribes Extension Program under section 3(d) of the Smith-Lever Act, [\$3,045,000] \$5,300,000; payments for sustainable agriculture programs under section 3(d) of the Act, [\$4,705,000] \$4,968,000; payments for rural health and safety education as authorized by section 502(i) of Public Law 92-419 (7 U.S.C. 2662(i)), \$1,738,000; payments for cooperative extension work by eligible institutions (7 U.S.C. 3221), \$42,677,000, provided that each institution receives no less than \$1,000,000; [for grants to youth organizations pursuant to 7 U.S.C. 7630, \$1,784,000; payments to carry out the food animal residue avoidance database program as authorized by 7 U.S.C. 7642, \$1,000,000;] payments to carry out section 1672(e)(49) of the Food, Agriculture, Conservation, and Trade Act of 1990 (7 U.S.C. 5925), as amended, \$400,000; and for necessary expenses of Extension Activities, [\$20,396,000] \$8,805,000. (*Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2010.*)

**Program and Financing** (in millions of dollars)

Identification code 12-0502-0-1-352	2009 actual	2010 est.	2011 est.
<b>Obligations by program activity:</b>			
00.01 Smith-Lever Act, 3(b) and 3(c) .....	288	298	298
00.02 Youth at risk .....	8	8	8
00.04 Expanded food and nutrition education program (EFNEP) .....	66	68	68
00.05 Pest management .....	10	10	10
00.06 Farm Safety .....	5	5	5
00.09 Federally Recognized Tribes Extension Program .....	3	3	5
00.13 Payments to 1890 colleges and Tuskegee Univ. and West Virginia State University .....	40	43	43
00.15 Renewable resources extension act .....	4	4	4
00.16 Federal administration .....	17	20	9
00.19 1890 facilities (section 1447) .....	18	20	20
00.21 Sustainable agriculture .....	5	5	5
00.22 1994 institutions activities .....	3	4	5
00.24 Rural health and safety education .....	2	2	2
00.25 Grants to youth serving organizations .....	2	2	2
00.26 Risk management education .....	10	10	5
00.27 New technologies for ag. extension .....	2	2	2
00.28 Healthy Urban Enterprise Development .....	1	1	1
00.29 Beginning Farmers and Ranchers Development Program .....	18	19	19
00.30 Food Animal Residue Avoidance Database .....	1	1	1
09.00 Reimbursable program .....	36	16	16
10.00 Total new obligations .....	529	541	520
<b>Budgetary resources available for obligation:</b>			
21.40 Unobligated balance carried forward, start of year .....		5	
22.00 New budget authority (gross) .....	534	536	520
23.90 Total budgetary resources available for obligation .....	534	541	520
23.95 Total new obligations .....	-529	-541	-520
24.40 Unobligated balance carried forward, end of year .....	5		
<b>New budget authority (gross), detail:</b>			
Discretionary:			
40.00 Appropriation .....	474	495	479
Spending authority from offsetting collections:			
58.00 Offsetting collections (cash) .....	3	16	16
58.10 Change in uncollected customer payments from Federal sources (unexpired) .....	33		
58.90 Spending authority from offsetting collections (total discretionary) .....	36	16	16
Mandatory:			
60.00 Appropriation .....	1	1	1
62.00 Transferred from other accounts .....	23	24	24
62.50 Appropriation (total mandatory) .....	24	25	25
70.00 Total new budget authority (gross) .....	534	536	520
<b>Change in obligated balances:</b>			
72.40 Obligated balance, start of year .....		425	368
73.10 Total new obligations .....	529	541	520
73.20 Total outlays (gross) .....	-482	-623	-601
73.40 Adjustments in expired accounts (net) .....	-8		
74.00 Change in uncollected customer payments from Federal sources (unexpired) .....	-33		
74.10 Change in uncollected customer payments from Federal sources (expired) .....	19		

74.40 Obligated balance, end of year .....	450	368	287
<b>Outlays (gross), detail:</b>			
86.90 Outlays from new discretionary authority .....	204	312	303
86.93 Outlays from discretionary balances .....	272	293	276
86.97 Outlays from new mandatory authority .....	1	5	5
86.98 Outlays from mandatory balances .....	5	13	17
87.00 Total outlays (gross) .....	482	623	601
<b>Offsets:</b>			
Against gross budget authority and outlays:			
88.00 Offsetting collections (cash) from: Federal sources .....	-15	-16	-16
Against gross budget authority only:			
88.95 Change in uncollected customer payments from Federal sources (unexpired) .....	-33		
88.96 Portion of offsetting collections (cash) credited to expired accounts .....	12		
<b>Net budget authority and outlays:</b>			
89.00 Budget authority .....	498	520	504
90.00 Outlays .....	467	607	585

The Cooperative Extension System, a national educational network, is a dynamic organization pledged to meeting the country's needs for research-based educational programs that will enable people to make practical decisions to improve their lives. To accomplish its mission, the Cooperative Extension System adjusts programs to meet the shifting needs and priorities of the people it serves.

The nonformal educational network combines the expertise and resources of Federal, State, and local partners. The partners in this unique System are: (a) The National Institute of Food and Agriculture at the U.S. Department of Agriculture; (b) Extension professionals at land-grant universities throughout the United States and its territories; and (c) Extension professionals in nearly all of the Nation's 3,150 counties. Thousands of paraprofessionals and nearly 3 million volunteers support this partnership and magnify its impact. Strong linkages with both public and private external groups are also crucial to the Cooperative Extension System's strength and vitality.

Programs supported with Smith-Lever 3(b) and (c) legislated formula funds are the major educational efforts central to the mission of the System and common to most Extension units. These programs are the foundation of the Extension organization and partnership that are intended to increase the number of community-based projects, families, and individuals reached to disseminate research findings as widely and quickly as possible. The use of electronic mail, satellite transmission of courses, and computer-assisted instruction are encouraged to communicate ideas.

Extension resources are provided to the States by these formula funds and competitively-awarded programs such as sustainable agriculture. Smith-Lever 3(b) and (c) funds and payments to the 1890 colleges and Tuskegee University and West Virginia State University provide funds to support the Extension's infrastructure. Funding for these programs is included in the 2011 Budget request.

Funds for designated programs, funded by Smith-Lever 3(d) such as Youth-At-Risk and Expanded Food and Nutrition Education Program (EFNEP), provide support for the Cooperative Extension System to address identified priority issues.

The FY 2011 Budget funds formula programs (Smith-Lever 3(b)(c) and Extension Programs at 1890's Institutions and Tuskegee University and West Virginia State Universities facilities), as well as other programs such as EFNEP, the children, youth and families at risk program, the youth farm safety education and certification program, and the pest management and rural health and safety programs at the enacted level. The Budget also includes increases for Indian reservation agents, Extension

EXTENSION ACTIVITIES—Continued

Services at 1994 Institutions and sustainable agriculture. In addition, total funding for NIFA reflects a reduction of 141 million in earmarks, with \$20 million of the reduction included in this account and \$121 million of the reduction included in the Research and Education Activities account.

**Beginning Farmer and Rancher Development Program.**—This mandatory program, authorized by section 7410 of the Food, Conservation, and Energy Act of 2008 (FCEA), 2008 Farm Bill, provides funding to support the development of education, outreach, curricula, workshops, educational teams, training, and technical assistance programs to assist beginning farmers and ranchers in the United States and its territories in entering, building, and managing successful farm and ranch enterprises. This program also will provide support for an online electronic and library clearinghouse to provide associated support to individually funded projects, and the overall program.

**Healthy Urban Food Enterprise Development.**—This mandatory program, authorized by section 4402 of the FCEA provides funding to be used to increase access to healthy affordable foods, including locally produced agricultural products, to underserved communities.

Object Classification (in millions of dollars)

Identification code 12-0502-0-1-352	2009 actual	2010 est.	2011 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent .....	12	12	12
12.1 Civilian personnel benefits .....	3	3	3
21.0 Travel and transportation of persons .....	1	1	1
25.2 Other services .....	3	3	3
25.5 Research and development contracts .....	2	2	2
41.0 Grants, subsidies, and contributions .....	472	504	483
99.0 Direct obligations .....	493	525	504
99.0 Reimbursable obligations .....	36	16	16
99.9 Total new obligations .....	529	541	520

Employment Summary

Identification code 12-0502-0-1-352	2009 actual	2010 est.	2011 est.
Direct:			
1001 Civilian full-time equivalent employment .....	156	172	172

**ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**Federal Funds**

SALARIES AND EXPENSES

(INCLUDING TRANSFERS OF FUNDS)

For necessary expenses of the Animal and Plant Health Inspection Service, including up to \$30,000 for representation allowances and for expenses pursuant to the Foreign Service Act of 1980 (22 U.S.C. 4085), [\$904,953,000, of which \$24,410,000 shall be for the purposes, and in the amounts, specified in the table titled "Congressionally Designated Projects" in the statement of managers to accompany this Act] \$870,576,000, of which [\$2,058,000] \$2,085,000 shall be available for the control of outbreaks of insects, plant diseases, animal diseases and for control of pest animals and birds ("contingency fund") to the extent necessary to meet emergency conditions; of which [\$23,390,000] \$9,041,000 shall be used for the cotton pests program for cost share purposes or for debt retirement for active eradication zones; of which [\$5,300,000] \$14,241,000 shall be for a National Animal Identification program; of which \$900,000 shall be for activities under the authority of the Horse Protection Act of 1970, as amended (15 U.S.C. 1831); of which [\$60,243,000] \$52,519,000 shall be used to prevent and control avian influenza and shall remain available until expended: *Provided*, That

funds provided for the contingency fund to meet emergency conditions, \$4,474,000 for information technology infrastructure, \$63,568,000 for the fruit fly program, \$157,615,000 for emerging plant pests, cotton pests program, \$4,637,000 for the grasshopper and mormon cricket program, \$2,129,000 for the plum pox program, \$3,771,000 for the National Veterinary Stockpile, the National Animal Identification System, [up to] \$1,500,000 in the scrapie program for indemnities, [up to] \$1,000,000 for wildlife services methods development, [up to] \$1,500,000 of the wildlife services operations program for aviation safety, and [up to 25 percent] \$5,060,750 of the screwworm program shall remain available until expended: *Provided further*, That no funds shall be used to formulate or administer a brucellosis eradication program for the current fiscal year that does not require minimum matching by the States of at least 40 percent: *Provided further*, That this appropriation shall be available for the operation and maintenance of aircraft and the purchase of not to exceed four, of which two shall be for replacement only: *Provided further*, That, in addition, in emergencies which threaten any segment of the agricultural production industry of this country, the Secretary may transfer from other appropriations or funds available to the agencies or corporations of the Department such sums as may be deemed necessary, to be available only in such emergencies for the arrest and eradication of contagious or infectious disease or pests of animals, poultry, or plants, and for expenses in accordance with sections 10411 and 10417 of the Animal Health Protection Act (7 U.S.C. 8310 and 8316) and sections 431 and 442 of the Plant Protection Act (7 U.S.C. 7751 and 7772), and any unexpended balances of funds transferred for such emergency purposes in the preceding fiscal year shall be merged with such transferred amounts: *Provided further*, That appropriations hereunder shall be available pursuant to law (7 U.S.C. 2250) for the repair and alteration of leased buildings and improvements, but unless otherwise provided the cost of altering any one building during the fiscal year shall not exceed 10 percent of the current replacement value of the building.

In fiscal year [2010] 2011, the agency is authorized to collect fees to cover the total costs of providing technical assistance, goods, or services requested by States, other political subdivisions, domestic and international organizations, foreign governments, or individuals, provided that such fees are structured such that any entity's liability for such fees is reasonably based on the technical assistance, goods, or services provided to the entity by the agency, and such fees shall be credited to this account, to remain available until expended, without further appropriation, for providing such assistance, goods, or services. (*Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2010.*)

Special and Trust Fund Receipts (in millions of dollars)

Identification code 12-1600-0-1-352	2009 actual	2010 est.	2011 est.
01.00 Balance, start of year .....			
01.99 Balance, start of year .....			
Receipts:			
02.00 1990 Food, Agricultural Quarantine Inspection Fees .....	494	498	508
02.20 Fees, Animal and Plant Health Inspection User Fee Account - legislative proposal subject to PAYGO .....			20
02.99 Total receipts and collections .....	494	498	528
04.00 Total: Balances and collections .....	494	498	528
Appropriations:			
05.00 Salaries and Expenses .....	-494	-498	-508
05.99 Total appropriations .....	-494	-498	-508
07.99 Balance, end of year .....			20

Program and Financing (in millions of dollars)

Identification code 12-1600-0-1-352	2009 actual	2010 est.	2011 est.
<b>Obligations by program activity:</b>			
00.01 Pest and disease exclusion .....	166	172	159
00.02 Plant and animal health monitoring .....	261	269	249
00.03 Pest and disease management programs .....	351	389	332
00.04 Animal care .....	22	22	23
00.05 Scientific and technical services .....	84	88	95
00.06 Contingencies .....	1	4	2
00.07 Emergency program funding .....	72	71	5
00.08 Information technology infrastructure .....	5	4	4