

Budget authority:			
Appropriations, discretionary:			
1131	Unobligated balance of appropriations permanently reduced	-230	
1160	Appropriation, discretionary (total)	-230	
1930	Total budgetary resources available	28	9 2
Memorandum (non-add) entries:			
1941	Unexpired unobligated balance, end of year	9	2

Change in obligated balance:			
Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	162	83 26
3030	Obligations incurred, unexpired accounts	19	7 2
3031	Obligations incurred, expired accounts	4	
3040	Outlays (gross)	-102	-64 -13
Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	83	26 15
3100	Obligated balance, end of year (net)	83	26 15

Budget authority and outlays, net:			
Discretionary:			
4000	Budget authority, gross	-230	
Outlays, gross:			
4011	Outlays from discretionary balances	102	64 13
4180	Budget authority, net (total)	-230	
4190	Outlays, net (total)	102	64 13

Under its Buildings and Facilities account, ARS funds the acquisition of land, construction, repair, improvement, extension, alteration, and purchase of fixed equipment or facilities of or used by ARS. No new funding is requested in 2013.

Object Classification (in millions of dollars)

Identification code 12-1401-0-1-352			
Direct obligations:			
25.2	Other services from non-Federal sources		7 2
25.4	Operation and maintenance of facilities	19	
99.9	Total new obligations	19	7 2

Trust Funds

MISCELLANEOUS CONTRIBUTED FUNDS

Special and Trust Fund Receipts (in millions of dollars)

Identification code 12-8214-0-7-352			
0100	Balance, start of year		
Receipts:			
0220	Deposits of Miscellaneous Contributed Funds, Science and Education Administration	31	31 27
0400	Total: Balances and collections	31	31 27
Appropriations:			
0500	Miscellaneous Contributed Funds	-31	-31 -27
0799	Balance, end of year		

Program and Financing (in millions of dollars)

Identification code 12-8214-0-7-352			
Obligations by program activity:			
0001	Miscellaneous contributed funds	25	25 25
Budgetary Resources:			
Unobligated balance:			
1000	Unobligated balance brought forward, Oct 1	16	22 28
Budget authority:			
Appropriations, mandatory:			
1201	Appropriation (special or trust fund)	31	31 27
1260	Appropriations, mandatory (total)	31	31 27
1930	Total budgetary resources available	47	53 55
Memorandum (non-add) entries:			
1941	Unexpired unobligated balance, end of year	22	28 30

Change in obligated balance:			
Obligated balance, start of year (net):			
3000	Unpaid obligations, brought forward, Oct 1 (gross)	3	6 3
3030	Obligations incurred, unexpired accounts	25	25 25
3040	Outlays (gross)	-22	-28 -28
Obligated balance, end of year (net):			
3090	Unpaid obligations, end of year (gross)	6	3
3100	Obligated balance, end of year (net)	6	3

Budget authority and outlays, net:			
Mandatory:			
4090	Budget authority, gross	31	31 27
Outlays, gross:			
4100	Outlays from new mandatory authority	8	22 19
4101	Outlays from mandatory balances	14	6 9
4110	Outlays, gross (total)	22	28 28
4180	Budget authority, net (total)	31	31 27
4190	Outlays, net (total)	22	28 28

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			
Direct obligations:			
Personnel compensation:			
11.1	Full-time permanent	7	7 7
11.3	Other than full-time permanent	1	1 1
11.5	Other personnel compensation	1	1 1
11.9	Total personnel compensation	9	9 9
12.1	Civilian personnel benefits	2	2 2
21.0	Travel and transportation of persons	1	1 1
25.2	Other services from non-Federal sources	3	3 3
25.5	Research and development contracts	4	4 4
25.7	Operation and maintenance of equipment	1	1 1
26.0	Supplies and materials	3	3 3
31.0	Equipment	1	1 1
41.0	Grants, subsidies, and contributions	1	1 1
99.9	Total new obligations	25	25 25

Employment Summary

Identification code 12-8214-0-7-352			
1001	Direct civilian full-time equivalent employment	132	132 132

NATIONAL INSTITUTE OF FOOD AND AGRICULTURE

Federal Funds

INTEGRATED ACTIVITIES

For the integrated research, education, and extension grants programs, including necessary administrative expenses, **[\$21,482,000]** **\$43,542,000**, 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), **[\$14,496,000]** **\$33,056,000**, including **[\$4,500,000]** for the water quality program, **\$4,000,000** for regional pest management centers, **\$1,996,000** for the methyl bromide transition program, and **\$4,000,000** for the organic transition program and **\$29,056,000** for crop protection; **\$998,000** for the regional rural development centers program; **\$3,500,000** for grants authorized under section 1623 of the Food, Agriculture, Conservation, and Trade Act of 1990 (7 U.S.C. 5813); and **\$5,988,000** 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, **[2013]** **2014**. (Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2012.)

INTEGRATED ACTIVITIES—Continued
Program and Financing (in millions of dollars)

Identification code 12-1502-0-1-352	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0010 Organic research and extension init.	20	20	.....
0020 Water quality	9	4	.....
0030 Food safety	11	.....	.....
0040 Regional pest management centers	3	4	.....
0050 Crop Protection .....	.....	.....	29
0070 Methyl bromide transition program	2	2	.....
0071 Homeland Security	6	6	6
0072 Sustainable Agriculture Federal-State Matching Grant Program .....	.....	.....	4
0085 Specialty Crop Research Initiative	50	50	.....
0086 International science and education grants	1	.....	.....
0087 Regional Rural development centers	1	1	1
0088 Organic transition	4	4	4
0089 Critical issues - plant and animal diseases	1	.....	.....
0900 Total new obligations	108	91	44
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	1	.....	.....
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation	37	21	44
1160 Appropriation, discretionary (total)	37	21	44
Appropriations, mandatory:			
1221 Transferred from other accounts [12-4336]	70	70	.....
1260 Appropriations, mandatory (total)	70	70	.....
1900 Budget authority (total)	107	91	44
1930 Total budgetary resources available	108	91	44
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	274	267	251
3030 Obligations incurred, unexpired accounts	108	91	44
3031 Obligations incurred, expired accounts	3	.....	.....
3040 Outlays (gross)	-89	-107	-131
3081 Recoveries of prior year unpaid obligations, expired	-29	.....	.....
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	267	251	164
3100 Obligated balance, end of year (net)	267	251	164
Budget authority and outlays, net:			
Discretionary:			
4000 Budget authority, gross	37	21	44
Outlays, gross:			
4010 Outlays from new discretionary authority	1	4	5
4011 Outlays from discretionary balances	50	41	43
4020 Outlays, gross (total)	51	45	48
Mandatory:			
4090 Budget authority, gross	70	70	.....
Outlays, gross:			
4100 Outlays from new mandatory authority	3	4	.....
4101 Outlays from mandatory balances	35	58	83
4110 Outlays, gross (total)	38	62	83
4180 Budget authority, net (total)	107	91	44
4190 Outlays, net (total)	89	107	131

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

Organic Transition Program.—This program supports the development and implementation of biologically based pest management practices that mitigate the ecological, agronomic, and economic risks associated with the transition from conventional to organic agricultural production systems. The 2013 Budget includes \$4.0 million, which is the same as the 2012 enacted level.

Crop Protection Program.—This program supports projects that respond to pest management challenges with coordinated region-wide and national research, education, and extension programs, and serves as a catalyst for promoting further development and use of integrated pest management approaches. The program

also fosters regional and national team building efforts, communication networks, and enhanced stakeholder participation. The 2013 Budget includes \$29.1 million, which reflects combined pest management funding transferred from Research and Education and Extension Activities.

Sustainable Agriculture Federal-State Matching Grant Program.—This Federal-State matching grant program will assist in the creation or enhancement of State sustainable research, extension, and education programs. The matching requirement will leverage State and/or private funds, and build the long-term capacity to guide the evolution of American agriculture to a more highly productive, sustainable system. The 2013 Budget includes \$3.5 million.

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. The 2013 Budget includes \$1.0 million, which is the same as the 2012 enacted level.

Food and agriculture defense initiative (homeland security).—The program provides support to an 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. The 2013 Budget includes \$5.9 million. 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. The program expires at the end of September 2012.

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 program expires at the end of September 2012.

Object Classification (in millions of dollars)

Identification code 12-1502-0-1-352	2011 actual	2012 est.	2013 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 from non-Federal sources	1	1	1
25.5 Research and development contracts .....	.....	1	1
41.0 Grants, subsidies, and contributions	104	86	39
99.9 Total new obligations	108	91	44

Employment Summary

Identification code 12-1502-0-1-352	2011 actual	2012 est.	2013 est.
1001 Direct civilian full-time equivalent employment	8	8	9

BIOMASS RESEARCH AND DEVELOPMENT

Program and Financing (in millions of dollars)

Identification code 12-1003-0-1-271	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0001 Biomass research and development	2	37	34
0900 Total new obligations (object class 41.0)	2	37	34
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	3	31	34
Budget authority:			
Appropriations, mandatory:			
1221 Transferred from other accounts [12-4336]	30	40	.....
1260 Appropriations, mandatory (total)	30	40	.....
1930 Total budgetary resources available	33	71	34
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	31	34	.....
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	53	45	53
3030 Obligations incurred, unexpired accounts	2	37	34
3040 Outlays (gross)	-10	-29	-41
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	45	53	46
3100 Obligated balance, end of year (net)	45	53	46
Budget authority and outlays, net:			
Mandatory:			
4090 Budget authority, gross	30	40	.....
Outlays, gross:			
4100 Outlays from new mandatory authority .....	.....	2	.....
4101 Outlays from mandatory balances	10	27	41
4110 Outlays, gross (total)	10	29	41
4180 Budget authority, net (total)	30	40	.....
4190 Outlays, net (total)	10	29	41

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 and gasification of animal manure; integrated resource management and biomass use; demonstration projects that use biodiesel for all operations in the supply chain to produce corn grain ethanol; and effective and targeted incentive systems for biomass commercialization and adoption. The 2012 funding level is \$40 million. The program expires at the end of September 2012.

NATIONAL INSTITUTE OF FOOD AND AGRICULTURE
RESEARCH AND EDUCATION ACTIVITIES

For payments to agricultural experiment stations, for cooperative forestry and other research, for facilities, and for other expenses, **[\$705,599,000] \$732,730,000**, as follows: to carry out the provisions of the Hatch Act of 1887 (7 U.S.C. 361a-i), **[\$236,334,000] \$234,834,000**;

for grants for cooperative forestry research (16 U.S.C. 582a through a-7), **\$32,934,000**; for payments to eligible institutions (7 U.S.C. 3222), **\$50,898,000**, provided that each institution receives no less than **\$1,000,000**; for special grants (7 U.S.C. 450i(c)), **[\$4,000,000**; for competitive grants on improved pest control (7 U.S.C. 450i(c)), **\$15,830,000]** **\$1,405,000**; for competitive grants (7 U.S.C. 450i(b)), **[\$264,470,000] \$325,000,000**, to remain available until expended; **[**for the support of animal health and disease programs (7 U.S.C. 3195), **\$4,000,000**; for supplemental and alternative crops and products (7 U.S.C. 3319d), **\$825,000**; for grants for research pursuant to the Critical Agricultural Materials Act (7 U.S.C. 178 et seq.), **\$1,081,000**, 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), **\$1,801,000**, to remain available until expended; **[**for rangeland research grants (7 U.S.C. 3333), **\$961,000**; **]** for the veterinary medicine loan repayment program under section 1415A of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3151a), **\$4,790,000**, to remain available until expended; **[**for grants and fellowships for food and agricultural sciences education under paragraphs (1), (5), and (6) of section 1417(b) of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3152(b)), **\$9,000,000**, to remain available until expended; **]** for higher education graduate fellowship grants (7 U.S.C. 3152(b)(6)), **\$3,851,000**, to remain available until expended (7 U.S.C. 2209b); for higher education challenge grants (7 U.S.C. 3152(b)(1)), **\$5,643,000**; for a higher education multicultural scholars program (7 U.S.C. 3152(b)(5)), **\$1,239,000**, to remain available until expended (7 U.S.C. 2209b); for an education grants program for Hispanic-serving Institutions (7 U.S.C. 3241), **\$9,219,000**; 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, **\$3,194,000**; for a secondary agriculture education program and 2-year post-secondary education, (7 U.S.C. 3152(j)), **[\$900,000] \$981,000**; for aquaculture grants (7 U.S.C. 3322), **\$3,920,000**; for sustainable agriculture research and education (7 U.S.C. 5811), **\$14,471,000**; 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, **\$19,336,000**, to remain available until expended (7 U.S.C. 2209b); **[**for capacity building grants for non-land-grant colleges of agriculture (7 U.S.C. 3319i), **\$4,500,000**, to remain available until expended; for competitive grants for policy research (7 U.S.C. 3155), **\$4,000,000**, which shall be obligated within 120 days of the enactment of this Act; **]** for payments to the 1994 Institutions pursuant to section 534(a)(1) of Public Law 103-382, **\$3,335,000**; for grants for insular areas under sections 1490 and 1491 of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3362 and 3363), **\$1,650,000** [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 competitive grants program for farm business management and benchmarking (7 U.S.C. 5925f), **\$1,450,000**; for a competitive grants program regarding biobased energy (7 U.S.C. 8114), **\$2,200,000**]; and for necessary expenses of Research and Education Activities, **[\$10,500,000] \$14,229,000**, of which **[\$2,600,000** for the Research, Education, and Economics Information System and **\$2,000,000** for the Electronic Grants Information System, are] **\$7,830,000**, to remain available until expended, are for grants management systems.

HISPANIC SERVING AGRICULTURAL COLLEGES AND UNIVERSITIES ENDOWMENT FUND

For the Hispanic-Serving Agricultural Colleges and Universities Endowment Fund under section 1456(b) (7 U.S.C. 3243(b)) 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. (Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2012.)

RESEARCH AND EDUCATION ACTIVITIES—Continued
Special and Trust Fund Receipts (in millions of dollars)

Identification code 12-1500-0-1-352	2011 actual	2012 est.	2013 est.
0100 Balance, start of year	24	136	148
Adjustments:			
0190 Adjustment - improved accounting to reflect amount that is available for investment only	100		
0199 Balance, start of year	124	136	148
Receipts:			
0240 Earnings on Investments, Native American Institutions Endowment Fund	5	5	5
0400 Total: Balances and collections	129	141	153
Appropriations:			
0500 Research and Education Activities	-5	-5	-5
0501 Research and Education Activities	12	12	22
0599 Total appropriations	7	7	17
0799 Balance, end of year	136	148	170

Program and Financing (in millions of dollars)

Identification code 12-1500-0-1-352	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0001 Payments under the Hatch Act	236	236	235
0002 Cooperative forestry research	33	33	33
0003 Payments to 1890 colleges and Tuskegee Univ. and West Virginia State University	51	51	51
0004 Special research grants	42	44	22
0005 Agriculture Food and Research Initiative	348	424	325
0006 Animal health and disease research	3	4	
0007 Federal Administration	11	11	14
0008 Higher education	38	60	48
0009 Native American Institutions Endowment Fund	4	5	5
0012 Veterinary Medical Services Act		13	5
0014 New Era Rural Technology	1		
0015 Sun Grant Program	2	2	
0016 Farm Business Management and Benchmarking	1	1	
0017 Competitive Grants for Policy Research		4	
0799 Total direct obligations	770	888	738
0801 Reimbursable program activity	9	9	9
0900 Total new obligations	779	897	747

Budgetary Resources:

Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	228	178	
1021 Recoveries of prior year unpaid obligations	18		
1050 Unobligated balance (total)	246	178	
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation	712	717	755
1101 Appropriation (Native American Endowment Interest)	5	5	5
1130 Appropriations permanently reduced	-1		
1134 Portion precluded from obligation (-) (N.A. Endowment Fund)	-12	-12	-22
1160 Appropriation, discretionary (total)	704	710	738
Spending authority from offsetting collections, discretionary:			
1700 Collected		9	9
1701 Change in uncollected payments, Federal sources	9		
1750 Spending auth from offsetting collections, disc (total)	9	9	9
1900 Budget authority (total)	713	719	747
1930 Total budgetary resources available	959	897	747
Memorandum (non-add) entries:			
1940 Unobligated balance expiring	-2		
1941 Unexpired unobligated balance, end of year	178		

Change in obligated balance:

Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	1,016	1,137	987
3001 Adjustments to unpaid obligations, brought forward, Oct 1	12		
3010 Uncollected pymts, Fed sources, brought forward, Oct 1	-16	-43	-43
3011 Adjustments to uncollected pymts, Fed sources, brought forward, Oct 1	-12		
3020 Obligated balance, start of year (net)	1,000	1,094	944
3030 Obligations incurred, unexpired accounts	779	897	747
3031 Obligations incurred, expired accounts	54		

3040 Outlays (gross)	-670	-1,047	-824
3050 Change in uncollected pymts, Fed sources, unexpired	-9		
3051 Change in uncollected pymts, Fed sources, expired	-6		
3080 Recoveries of prior year unpaid obligations, unexpired	-18		
3081 Recoveries of prior year unpaid obligations, expired	-36		
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	1,137	987	910
3091 Uncollected pymts, Fed sources, end of year	-43	-43	-43
3100 Obligated balance, end of year (net)	1,094	944	867

Budget authority and outlays, net:

Discretionary:			
4000 Budget authority, gross	713	719	747
Outlays, gross:			
4010 Outlays from new discretionary authority	154	373	388
4011 Outlays from discretionary balances	516	674	436
4020 Outlays, gross (total)	670	1,047	824
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4030 Federal sources	-5	-9	-9
Additional offsets against gross budget authority only:			
4050 Change in uncollected pymts, Fed sources, unexpired	-9		
4052 Offsetting collections credited to expired accounts	5		
4060 Additional offsets against budget authority only (total)	-4		
4070 Budget authority, net (discretionary)	704	710	738
4080 Outlays, net (discretionary)	665	1,038	815
4180 Budget authority, net (total)	704	710	738
4190 Outlays, net (total)	665	1,038	815

Memorandum (non-add) entries:

5000 Total investments, SOY: Federal securities: Par value	122	134	146
5001 Total investments, EOY: Federal securities: Par value	134	146	168

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. The 2013 Budget proposes to increase funding for AFRI from \$264 million to \$325 million, a 23 percent increase in this program from 2012.

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. The 2013 Budget includes \$234.8 million, which is a \$1.5 million decrease from the 2012 enacted level.

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. The 2013 Budget is funded at the same level as the 2012 enacted level, \$32.9 million.

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. The 2013 Budget is funded at the same level as the 2012 enacted level, \$50.9 million.

Special research grants.—This program addresses research areas of national interest. The 2013 Budget includes \$14.5 million for a grant program in sustainable agriculture. Funding for a grant program for global change is proposed at \$1.4 million for research at universities as part of a coordinated Federal initiative. The 2013 Budget also includes for aquaculture centers at the same level as 2012 enacted, \$3.9 million.

1994 Institutions Research.—The 2013 Budget maintains funding at the 2012 enacted level of \$1.8 million for the competitive research grants program to build 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 combination of program set-asides from formula and grant programs and from direct appropriation for administration. The 2013 Budget includes \$14.2 million, which is \$3.7 million over the 2012 enacted level. Most of the increase will support the Electronic Grants Administration System.

Higher education.—2013 funding is proposed for graduate fellowships grants at \$3.8 million, challenge grants at \$5.6 million, Hispanic-serving institutions education grants program at \$9.2 million, and a multicultural scholars program at \$1.2 million. Funding is also proposed for Native American institutions at \$3.3 million, Alaska Native-serving and Native Hawaiian-serving Institutions at \$3.2 million, Secondary Education/ Two-Year Post-secondary Education and Agriculture in the K-12 Classroom at \$1.0 million, and Grants for Insular Areas programs at \$1.6 million. These programs enable universities to broaden their curricula; and 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. The 2013 Budget proposes \$19.3 million for a capacity building program at the 1890 institutions as part of the USDA initiative to strengthen these institutions through a broadening of curricula, and increased faculty development and student research projects. Funding is also proposed in the 2013 Budget, at \$4.8 million, 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.— The 2013 Budget includes the same level as 2012 enacted, \$11.9 million, for an endowment for the 1994 land-grant institutions (34 Tribal 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 2013 Budget includes \$10 million for this proposed fund.

Object Classification (in millions of dollars)

Identification code 12-1500-0-1-352	2011 actual	2012 est.	2013 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent	22	22	22
12.1 Civilian personnel benefits	5	5	5
21.0 Travel and transportation of persons	2	1	1
25.2 Other services from non-Federal sources		3	3
25.5 Research and development contracts	10	3	3
41.0 Grants, subsidies, and contributions	731	854	704
99.0 Direct obligations	770	888	738
99.0 Reimbursable obligations	9	9	9
99.9 Total new obligations	779	897	747

Employment Summary

Identification code 12-1500-0-1-352	2011 actual	2012 est.	2013 est.
1001 Direct civilian full-time equivalent employment	234	247	249

BUILDINGS AND FACILITIES

Program and Financing (in millions of dollars)

Identification code 12-1501-0-1-352	2011 actual	2012 est.	2013 est.
Budgetary Resources:			
Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	1	2	
1021 Recoveries of prior year unpaid obligations	2		
1050 Unobligated balance (total)	3	2	
Budget authority:			
Appropriations, discretionary:			
1131 Unobligated balance of appropriations permanently reduced	-1	-2	
1160 Appropriation, discretionary (total)	-1	-2	
1930 Total budgetary resources available	2		
Memorandum (non-add) entries:			
1941 Unexpired unobligated balance, end of year	2		
Change in obligated balance:			
Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	4	2	2
3080 Recoveries of prior year unpaid obligations, unexpired	-2		
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	2	2	2
3100 Obligated balance, end of year (net)	2	2	2
Budget authority and outlays, net:			
Discretionary:			
4000 Budget authority, gross	-1	-2	
4180 Budget authority, net (total)	-1	-2	

BUILDINGS AND FACILITIES—Continued

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, **[\$475,183,000] \$462,473,000**, 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, **[\$294,000,000] \$292,411,000**; payments for extension work at the 1994 Institutions under the Smith-Lever Act (7 U.S.C. 343(b)(3)), **\$4,312,000**; payments for the nutrition and family education program for low-income areas under section 3(d) of the Act, **\$67,934,000**; payments for the pest management program under section 3(d) of the Act, **\$9,918,000**; payments for the farm safety program and youth farm safety education and certification extension grants under section 3(d) of the Act, **\$4,610,000**; payments for New Technologies for Agriculture Extension under section 3(d) of the Act, **[\$1,550,000] \$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, **\$19,730,000**, to remain available until expended; payments for youth-at-risk programs under section 3(d) of the Smith-Lever Act, **[\$7,600,000] \$8,395,000**; payments for carrying out the provisions of the Renewable Resources Extension Act of 1978 (16 U.S.C. 1671 et seq.), **[\$3,700,000] \$4,060,000**; payments for the federally recognized Tribes Extension Program under section 3(d) of the Smith-Lever Act, **\$3,039,000**; payments for sustainable agriculture programs under section 3(d) of the Act, **\$4,696,000**; payments for rural health and safety education as authorized by section 502(i) of Public Law 92–419 (7 U.S.C. 2662(i)), **\$1,500,000**; payments for cooperative extension work by eligible institutions (7 U.S.C. 3221), **\$42,592,000**, provided that each institution receives no less than **\$1,000,000**; for grants to youth organizations pursuant to 7 U.S.C. 7630, **\$750,000**; 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, **[\$7,852,000] \$8,544,000**. (*Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2012.*)

Program and Financing (in millions of dollars)

Identification code 12–0502–0–1–352	2011 actual	2012 est.	2013 est.
Obligations by program activity:			
0001 Smith-Lever Act, 3(b) and 3(c)	293	294	292
0002 Youth at risk	8	8	8
0004 Expanded food and nutrition education program (EFNEP)	67	68	68
0005 Pest management	9	10	
0006 Farm Safety	4	5	4
0009 Federally Recognized Tribes Extension Program	3	3	3
0013 Payments to 1890 colleges and Tuskegee Univ. and West Virginia State University	42	43	43
0015 Renewable resources extension act	4	4	4
0016 Federal administration	8	8	9
0019 1890 facilities (section 1447)	18	26	20
0021 Sustainable agriculture	4	5	5
0022 1994 institutions activities	4	4	4
0024 Rural health and safety education	1	2	
0025 Grants to youth serving organizations	1	1	
0026 Risk management education	5	5	5
0027 New technologies for ag. extension	1	2	2
0028 Healthy Urban Enterprise Development	1		
0029 Beginning Farmers and Ranchers Development Program	19	19	
0030 Food Animal Residue Avoidance Database	1	1	
0799 Total direct obligations	493	508	467
0801 Reimbursable program activity	47	50	50
0900 Total new obligations	540	558	517

Budgetary Resources:

Unobligated balance:			
1000 Unobligated balance brought forward, Oct 1	1	9	
1021 Recoveries of prior year unpaid obligations	5		
1050 Unobligated balance (total)	6	9	
Budget authority:			
Appropriations, discretionary:			
1100 Appropriation	480	475	462
1130 Appropriations permanently reduced	-1		
1160 Appropriation, discretionary (total)	479	475	462
Appropriations, mandatory:			
1200 Appropriation	1		
1221 Transferred from other accounts [12–4085]	5	5	5
1221 Transferred from other accounts [12–4336]	19	19	
1260 Appropriations, mandatory (total)	25	24	5
Spending authority from offsetting collections, discretionary:			
1700 Collected	3	50	50
1701 Change in uncollected payments, Federal sources	47		
1750 Spending auth from offsetting collections, disc (total)	50	50	50
1900 Budget authority (total)	554	549	517
1930 Total budgetary resources available	560	558	517
Memorandum (non-add) entries:			
1940 Unobligated balance expiring	-11		
1941 Unexpired unobligated balance, end of year	9		

Change in obligated balance:

Obligated balance, start of year (net):			
3000 Unpaid obligations, brought forward, Oct 1 (gross)	569	695	506
3001 Adjustments to unpaid obligations, brought forward, Oct 1	40		
3010 Uncollected pymts, Fed sources, brought forward, Oct 1	-46	-127	-127
3011 Adjustments to uncollected pymts, Fed sources, brought forward, Oct 1	-40		
3020 Obligated balance, start of year (net)	523	568	379
3030 Obligations incurred, unexpired accounts	540	558	517
3031 Obligations incurred, expired accounts	47		
3040 Outlays (gross)	-488	-747	-786
3050 Change in uncollected pymts, Fed sources, unexpired	-47		
3051 Change in uncollected pymts, Fed sources, expired	6		
3080 Recoveries of prior year unpaid obligations, unexpired	-5		
3081 Recoveries of prior year unpaid obligations, expired	-8		
Obligated balance, end of year (net):			
3090 Unpaid obligations, end of year (gross)	695	506	237
3091 Uncollected pymts, Fed sources, end of year	-127	-127	-127
3100 Obligated balance, end of year (net)	568	379	110

Budget authority and outlays, net:

Discretionary:			
4000 Budget authority, gross	529	525	512
Outlays, gross:			
4010 Outlays from new discretionary authority	163	334	326
4011 Outlays from discretionary balances	312	403	432
4020 Outlays, gross (total)	475	737	758
Offsets against gross budget authority and outlays:			
Offsetting collections (collected) from:			
4030 Federal sources	-37	-50	-50
4033 Non-Federal sources	-1		
4040 Offsets against gross budget authority and outlays (total)	-38	-50	-50
Additional offsets against gross budget authority only:			
4050 Change in uncollected pymts, Fed sources, unexpired	-47		
4052 Offsetting collections credited to expired accounts	35		
4060 Additional offsets against budget authority only (total)	-12		
4070 Budget authority, net (discretionary)	479	475	462
4080 Outlays, net (discretionary)	437	687	708
Mandatory:			
4090 Budget authority, gross	25	24	5
Outlays, gross:			
4100 Outlays from new mandatory authority	1	5	3
4101 Outlays from mandatory balances	12	5	25
4110 Outlays, gross (total)	13	10	28
4180 Budget authority, net (total)	504	499	467
4190 Outlays, net (total)	450	697	736

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 non-formal 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. The 2013 Budget proposes Smith-Lever 3(b) and (c) programs to be funded at \$292.4 million, which is a \$1.6 million decrease from the 2012 enacted level.

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, funded at \$42.6 million in the 2013 Budget request, provide funds to support the Extension's infrastructure.

Designated programs funded by Smith-Lever 3(d) include the Expanded Food and Nutrition Education Program (EFNEP); New Technologies for Agricultural Extension; Children, Youth and Families at Risk; Farm Safety Program and Youth Farm Safety Education and Certification; Sustainable Agriculture; and Federally-Recognized Tribes Extension Program. The 2013 Budget includes \$90.4 million for these programs. Other Extension programs supported in the 2013 Budget include Extension Services at 1994 Institutions at \$4.3 million, Renewable Resources Extension Act at \$4.0 million, 1890 Facilities Grants at \$19.7 million, and Women and Minorities in Science, Technology, Engineering, and Mathematics Fields at \$0.4 million.

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 provides support for an online electronic and library clearinghouse to provide associated support to individually funded projects, and the overall program. The program expires at the end of September 2012.

Object Classification (in millions of dollars)

Identification code 12-0502-0-1-352	2011 actual	2012 est.	2013 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent	13	14	14
12.1 Civilian personnel benefits	3	3	3
21.0 Travel and transportation of persons	1	1	1
25.2 Other services from non-Federal sources	2	2	2
25.4 Operation and maintenance of facilities	1	1	1

25.5	Research and development contracts	1	1	1
41.0	Grants, subsidies, and contributions	468	486	445
99.0	Direct obligations	489	508	467
99.0	Reimbursable obligations	51	50	50
99.9	Total new obligations	540	558	517

Employment Summary

Identification code 12-0502-0-1-352	2011 actual	2012 est.	2013 est.
1001 Direct civilian full-time equivalent employment	155	155	152

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), **[\$816,534,000]** \$762,418,000, of which **[\$1,000,000]** \$1,984,000, to **[be]** remain available until expended, 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 **[\$17,848,000]** \$8,915,000, to remain available until expended, shall be used for the cotton pests program for cost share purposes or for debt retirement for active eradication zones; of which **[\$32,500,000]** \$37,858,000, to remain available until expended, shall be for Animal Health Technical Services; of which **[\$696,000]** \$493,000 shall be for activities under the authority of the Horse Protection Act of 1970, as amended (15 U.S.C. 1831); of which **[\$52,000,000]** \$49,741,000, to remain available until expended, shall be used to support avian health; of which **[\$4,335,000]** \$4,167,000, to remain available until expended, shall be for information technology infrastructure; of which **[\$153,950,000]** \$151,055,000, to remain available until expended, shall be for specialty crop pests; of which, **[\$9,068,000]** \$8,867,000, to remain available until expended, shall be for field crop and rangeland ecosystem pests; of which **[\$55,638,000]** \$43,919,000, to remain available until expended, shall be for tree and wood pests; of which **[\$2,750,000]** \$2,265,000, to remain available until expended, shall be for the National Veterinary Stockpile; of which up to \$1,500,000, to remain available until expended, shall be for the scrapie program for indemnities; **[of which \$1,000,000, to remain available until expended, shall be for wildlife services methods development;]** of which \$1,500,000, to remain available until expended, shall be for the wildlife damage management program for aviation safety**;** and up to 25 percent of **]** : *Provided, That, of amounts available under this heading for wildlife services methods development, \$1,000,000 shall remain available until expended: Provided further, That, of amounts available under this heading for the screwworm program, \$4,971,000 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*