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United States
Department of
Agriculture

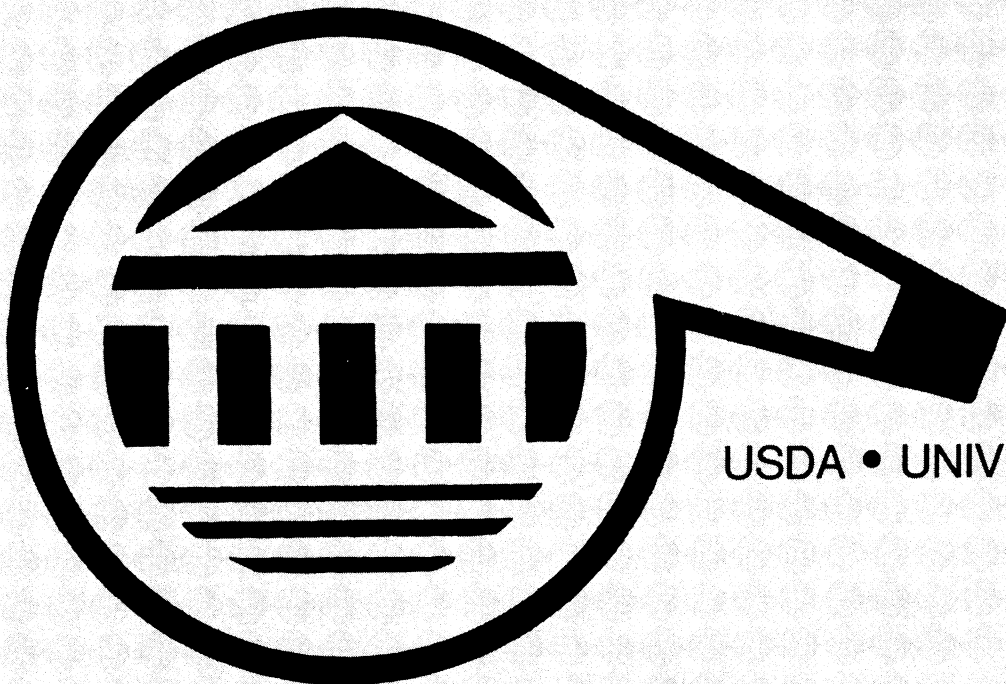
Cooperative
State Research
Service

April 1983

Inventory of Agricultural Research FY 1981

Volume II
Table II, III and IV

SCIENCE AND EDUCATION
IN AGRICULTURE



USDA • UNIVERSITIES

INVENTORY OF AGRICULTURAL RESEARCH

Volume II
(Tables II, III, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Areas.

FISCAL YEAR 1981

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions.

Issued by

COOPERATIVE STATE RESEARCH SERVICE
SCIENCE AND EDUCATION
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

DECEMBER 1982

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TABLES II-B and II-D

Summary for Commodity or Resource and Research Problem Areas

National Total, USDA, SAES, Forestry Schools, Other	
Cooperating Institutions	1-3
National Total USDA and SAES	4-6
National Total USDA Research Agencies	7-9
Agricultural Cooperative Service (ACS)	10
Agricultural Research Service (ARS)	11-13
Cooperative State Research Service (CSRS)	14-15
Competitive Research Grants Office (CRGO)	16
Economic Research Service (ERS)	17-18
Forest Service (FS)	19
National Total SEAS, Forestry Schools, Other	
Cooperating Institutions	20-22
National Total SAES, Forestry Schools, Other	
Cooperating Institutions	
Region 1 (Northeast)	23-25
Region 2 (Southern)	26-28
Region 3 (North Central)	29-31
Region 4 (Western)	32-34
National Total State Agricultural Experiment Stations (SAES)..	35-37
Station Totals SAES (Table II-B only)	
Alabama, Alaska	38
Arizona, Arkansas	39
California	40
Colorado, Connecticut (New Haven)	41
Connecticut (Storrs), Delaware, District of Columbia	42
Florida	43
Georgia, Guam	44
Hawaii, Idaho	45
Illinois	46
Indiana	47
Iowa	48
Kansas, Kentucky	49
Louisiana, Massachusetts	50
Maine, Maryland	51

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Michigan	52
Minnesota	53
Mississippi	54
Missouri	55
Montana, Nebraska	56
Nevada, New Hampshire	57
New Jersey, New Mexico	58
New York (Geneva), New York (Ithaca)	59
North Carolina, North Dakota	60
Ohio, Oklahoma	61
Oregon, Pennsylvania	62
Puerto Rico, Rhode Island	63
South Carolina, South Dakota	64
Tennessee	65
Texas, Utah	66
Vermont, Virgin Islands	67
Virginia, Washington	68
West Virginia, Wisconsin	69
Wyoming	70
Forestry Schools - Total	71
Forestry Schools (Table II-B only)	
Flagstaff, Arcata, Carbondale, Ft. Collins, Moscow	72
Ruston, Ann Arbor, Houghton, Missoula	73
Syracuse, Corvallis, Clemson, Nacogdoches	74
Burlington, Seattle	75
Other Cooperating Institutions - Total	76-77
Other Cooperating Institutions (Table II-B only)	
Tuskegee, Normal, Pine Bluff, Newbury Park	78
Shafter, Dover, Tallahassee, Fort Valley	79
Frankfort, Baton Rouge, John Hopkins, Princess Ann	80
Lorman, Jefferson City, Greensboro	81
Langston, Orangeburg, Nashville, Prairie View	82
Petersburg	83

TABLE II-F

Summary Data for Fiscal Year for USDA Agencies and State
Agricultural Experiment Stations

National Total USDA Research Agenices	84
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeast)	85
Region 2 (Southern)	85
Region 3 (North Central)	86
Region 4 (Western)	86

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TABLES III-B and III-D

Data on Funds by Method of Expenditure and Source for Fiscal Year for Commodity or Resource and Research Problem Areas for USDA Research Agencies

National Total USDA Research Agencies	87-89
Agricultural Cooperative Service (ACS)	90
Agricultural Research Service (ARS)	91-93
Cooperative State Research Service (CSRS)	94-95
Competitive Research Grants Office (CRGO)	96
Economic Research Service (ERS)	97-98
Forest Service (FS)	99

TABLE II-E

Summary Data by Method of Expenditure and Source for Fiscal Year for USDA Agencies

National Total USDA Research Agencies	100
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TABLES IV-B and IV-D

Data on Funds by Source for Fiscal Year for Commodity or Resource and Research Problem Areas for State Agricultural Experiment Stations, Forestry Schools and Other Cooperating Institutions

National Total SAES, Forestry Schools, Other Cooperating Institutions	101-103
Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeast)	104-106
Region 2 (Southern)	107-109
Region 3 (North Central)	110-112
Region 4 (Western)	113-115
National Total State Agricultural Experiment Stations (SAES)	116-118
National Total Forestry Schools	119-120
National Total Other Cooperating Institutions	121-122

TABLE IV-E

Summary Data by Source for Fiscal Year for State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

Regional Total SAES, Forestry Schools, Other Cooperating Institutions	
Region 1 (Northeast)	123
Region 2 (Southern)	123
Region 3 (North Central)	124
Region 4 (Western)	124

I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Same inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity"-1400 (Corn)
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Problem Area. "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page vi) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry Schools, and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" (excepting AID funds) as reported on Form AD-419 plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants, and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions for the performance of specific research tasks. They include CR "Special Grants" but not grants from other CR administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I.H. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Columns 7 - 17, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS" involve rounding each datum to the nearest \$1,000 and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are Gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in columns 14, 15 and 16.

TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Northeast Region are the research programs of all SAES, Forestry Schools, and Other Cooperating Institutions in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Alaska, Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest \$1,000 and, because of this, items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8, "RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

Column 9, "MCIN STEN" includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 10, "SP GT," includes obligations of funds received by SAES, Forestry Schools and Other Cooperating Institutions from the Federal appropriations made to CSRS for Special Grants (Field 204 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES, Forestry Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

Column 12, "TOT CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with the research performing agencies of the USDA.

Column 14, "OTHER FED" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

Column 17, "INDUSTRY" includes obligations of funds received by SAES et al. from industry that were expended in support of research (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES, et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

U.S. DEPARTMENT OF AGRICULTURE
RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME
U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS
AND OTHER INSTITUTIONS

DATE (Day, Month, Year) _____ AMENDMENT

1. ACCESSION NO. _____ 2. AGENCY IDENTIFICATION NO. _____ 3. WORK UNIT/PROJECT NO. _____

4. STATUS: New Extended Revised Term-inated Pending

7. TITLE _____

8. PERFORMING ORGANIZATION _____ 13. RESPONSIBLE ORGANIZATION _____

CITY _____ STATE/COUNTRY _____ ZIP CODE _____ CONG. DISTRICT _____ CITY _____ 14. STATE _____ ZIP CODE _____

12. INVESTIGATOR NAME(S) (Last name & initials) _____ 15. RESPONSIBLE INDIVIDUAL (Last name & initials) _____

1. _____ 4. _____ 2. _____ 5. _____ 3. _____ 6. RESEARCH LOCATION ON CAMPUS: A Yes B No

PROJECT TYPE: 17-1. FOR USDA USE: A Contract B Grant 17-2. FOR USDA USE: Contr./Gr./Agmt. with SAES Other Hatch M-S State Animal Health 17-3. FOR STATE USE: 18-1. CONTR./GR./AGMT. NO. 18-2. TOTAL SYE. 18-3. F Y

21. FACILITIES: A Federally-owned B Federally-leased C Combined D State E Other 22-23. REGIONAL PROJECT NO. _____

24. OBJECTIVES 25. APPROACH (Use space needed for "24. OBJECTIVES"; then indicate "25. APPROACH")

27. KEYWORDS _____

RECOMMENDED			APPROVED			CONCURRED		
SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE

28. AWARD DATE (Day, Mo., Yr.) _____ 29. START DATE (Day, Mo., Yr.) _____ 30. TERMINATION (Day, Mo., Yr.) _____ DURATION (Months) _____

FOR USDA USE: Project referred and cleared by all interested agencies for entry into CRIS. SIGNATURE _____ DATE _____

FORM AD-416 (6/79)

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U.S. DEPARTMENT OF AGRICULTURE
RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH
U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION
AND OTHER INSTITUTIONS

DATE (Day, Month, Year) _____

1. ACCESSION NO. _____ 2. AGENCY IDENTIFICATION NO. _____ 3. WORK UNIT/PROJECT NO. _____ 31. HATCH MARKETING: Yes No %

32. BASIC RESEARCH % 33. APPLIED RESEARCH % 34. DEVELOPMENT EFFORT % 35. FORESTRY %

CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA

ACTIVITY	COMMODITY		SCIENCE		RESEARCH PROBLEM AREA	PRODUCT OF (3) X (4) X (6)
	CODE (1)	% (2)	CODE (3)	% (4)		
36.						
37.						
38.						
39.						
40.						
41.						
42.						
43.						
44.						
45.						
46.						
47.						

SPECIAL CLASSIFICATION

Fields 48-77 are used to identify special areas of research such as Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (SEA/AR) and Special Research Programs (SEA/AR). Refer to your agency manual for specific codes and instructions.

CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48.		54.		60.		66.		72.	
49.		55.		61.		67.		73.	
50.		56.		62.		68.		74.	
51.		57.		63.		69.		75.	
52.		58.		64.		70.		76.	
53.		59.		65.		71.		77.	

79. COOPERATORS: A USDA B Other Federal Agencies C Industry and other D State

80. COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION _____

81. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION _____

82. _____

AD FORM 417 JUN 1979

U.S. DEPARTMENT OF AGRICULTURE
RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER
 U.S. DEPARTMENT OF AGRICULTURE USE ONLY

1. ACCESSION NO. 2. AGENCY IDENTIFICATION NO. 3. WORK UNIT/PROJECT NO. 4. 22-23 REGIONAL PROJECT NO. DATE (Day, mo., yr.)

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION		FIELD NUMBER	
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS			
Regular, In House		(101)	
Regular, Contracts, Grants, Agreements with AES		(102)	
Regular, Contracts, Grants, Agreements with Others		(103)	
Special Funds (015) (ARS) In House		(104)	
Special Funds (010) (ARS) In House		(105)	
Forest Service Research Contracts		(106)	
Other USDA (Identify):		(107)	
TOTAL		(131)	

OTHER FEDERAL RESEARCH FUNDS			
Energy Research and Development Administration		(310)	
Agency for International Development		(308)	
Department of Defense		(311)	
National Institutes of Health		(316)	
Public Health Service		(312)	
Health Education and Welfare (Other)		(313)	
National Aeronautics and Space Administration		(314)	
Tennessee Valley Authority		(315)	
Foreign Agricultural Research (PL 480)		(117)	
Other Federal Funds (Identify):		(318)	
TOTAL		(332)	

NON-FEDERAL RESEARCH FUNDS			
Trust Funds, In House		(120)	
Trust Funds, Contracts, Grants, Agreements with AES		(121)	
Trust Funds, Contracts, Grants, Agreements with Others		(122)	
Other Non-Federal Funds (Identify):		(123)	
TOTAL		(133)	

TOTAL ALL RESEARCH FUNDS AT LOCATION		(134)	
---	--	--------------	--

STAFF SUPPORT	STAFF EFFORT (years)	
	ACTUAL	ESTIMATE
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)		
Scientists (GS-11 and above)	(141)	
Professional Support	(142)	
Technical Support	(143)	
Clerical, Labor and Other	(144)	
TOTAL STAFF YEARS	(350)	

SUBMITTED BY: TITLE

UNITED STATES DEPARTMENT OF AGRICULTURE
RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND STAFF SUPPORT
 FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE

1. ACCESSION NO. 2. AGENCY IDENTIFICATION NO. 3. WORK UNIT/PROJECT NO. 4. 22-23 REGIONAL PROJECT NO. DATE (Day, mo., year)

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION (Round to nearest whole dollar)		FIELD NUMBER	FY ACTUAL \$
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED			
Hatch Funds		(201)	
Regional Research Funds		(202)	
McIntire Stennis Funds		(203)	
Grants for Research (PL89-106)			
<input type="checkbox"/> Special Grants	<input type="checkbox"/> Competitive Grants	(204)	
Other Funds			
<input type="checkbox"/> Animal Health Sec. 1433	<input type="checkbox"/> Alcohol Fuels Sec. 1419		
<input type="checkbox"/> 1890/Tuskegee Sec. 1445	<input type="checkbox"/> Rural Development Title V		
<input type="checkbox"/> Native Latex PL95-592	<input type="checkbox"/> Other (Identify):	(206)	
TOTAL		(231)	

OTHER FEDERAL RESEARCH FUNDS			
USDA Contracts Grants Co-op Agreements (Identify Agency):		(219)	
National Science Foundation		(209)	
Department of Energy		(310)	
Agency for International Development		(308)	
Department of Defense		(311)	
National Institutes of Health		(316)	
Public Health Service		(312)	
Health and Human Services		(313)	
National Aeronautics and Space Administration		(314)	
Tennessee Valley Authority		(315)	
Other Federal Funds (Identify):	\$		
CSRS Administered "Pass Through" Funds			
AID Nitrogen Fixation			
EPA Strip Mine Reclamation			
Department of Energy			
Forest Service			
Other (Identify):		(318)	
TOTAL		(332)	

NON-FEDERAL RESEARCH FUNDS			
State Appropriations		(220)	
Sale of Products		(221)	
Industry Grants and Agreements		(222)	
Other Non-Federal Funds		(223)	
TOTAL		(233)	

TOTAL ALL RESEARCH FUNDS AT LOCATION		(234)	
---	--	--------------	--

STAFF SUPPORT	STAFF EFFORT - ACTUAL (years)	
	ACTUAL	ESTIMATE
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)		
Scientists (Assistant Professor and above)	(241)	
Professional Support	(242)	
Technical Support	(243)	
Clerical, Labor, and Other	(244)	
TOTAL STAFF YEARS	(350)	

SUBMITTED BY (Signature): TITLE

1111

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not
Associated with Specific Commodities

Commodities or Resources

0100 Soil and land
0200 Water
0300 Watersheds and river basins
0400 Air and climate
0500 Recreation resources
0600 Trees, forests, and forest products (excluding edible tree
nut crops (See 1015), and tung (See 2560))
0700 Range
0800 Fish, shellfish, game and fur-bearing animals and other
wildlife and their habitats
0900 Citrus and subtropical fruit
1000 Deciduous and small fruits and edible tree nuts
1100 Potatoes
1200 Vegetables
1300 Ornamentals and turf
1400 Corn (includes Popcorn) - (For Sweetcorn see 1280)
1500 Grain sorghum
1600 Rice
1700 Wheat
1800 Other small grains
1900 Pasture
2000 Forage crops
2100 Cotton (including cottonseed for planting purposes)
2200 Cottonseed (for meal, oil, etc.)
2300 Soybeans
2400 Peanuts
2500 Other oilseed and oil crops (excluding cottonseed)
2600 Tobacco
2700 Sugar crops
2800 Miscellaneous and new crops
2900 Poultry
3000 Beef cattle
3100 Dairy cattle
3200 Swine
3300 Sheep and wool
3400 Other animals (See 0850 for fur-bearing animals)
3500 Bees and honey and other pollinating insects
3600 General purpose supplies - includes: machinery, equipment,
fertilizers, feedstuffs, and pesticides
3700 Clothing and textiles
3800 Food (not readily associated with specific plants and
animal products)
3900 Structures and facilities

Commodities or Resources

- 4000 People as individual workers, consumers and members of society
- 4100 The family and its members
- 4200 The farm as a business enterprise
- 4300 Communities, areas and regions, including counties and States and their institutions
- 4400 Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
- 4500 Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
- 4600 Farmer cooperatives
- 4700 Marketing, processing and supply firms other than cooperatives
- 4800 Marketing systems and sectors thereof
- 6100 Weeds
- 6200 Seed research
- 6300 Biological cell systems
- 6400 Experimental design and statistical methods
- 6500 Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
- 6600 Microorganisms, viruses, etc.
- 6700 Plants
- 6800 Animals (vertebrates)
- 6900 Research on research management (not research management per se)
- 7000 Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water

- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources

- 111 Biology, Culture and Management of Forests and Timber-Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable Crops

- 206 Control of Weeds and Other Hazards to Fruit and Vegetable Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Livestock, Poultry, and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,
DISEASES AND OTHER HAZARDS (Continued)

- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and
Other Animals
- 213 Protect Livestock, Poultry and Other Animals from Toxic
Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects
of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST
PRODUCTS AT DECREASING REAL PRODUCTION COSTS

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable
Crops
- 305 Mechanization of Fruit and Vegetable Crop Production

- 306 Production of Fruit and Vegetable Crop Production
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other
Animals

- 311 Improvement of Biological Efficiency in Production of
Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry
and Other Animals
- 313 Production Management Systems for Livestock, Poultry and
Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose
Farm Supplies and Equipment

- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of
Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY
DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES
AND ENHANCING PRODUCT QUALITY

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved
Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and
Vegetables
- 405 Production of Field Crops with Improved Acceptability

- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products
from Field Crops
- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability
- 410 New and Improved Meat, Milk, Eggs, and Other Animal Food
Products

- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standard - Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and
Related Products
- 503 Efficiency in Marketing Agricultural Products and Production
Inputs *

- 506 Supply, Demand and Price Analysis - Crop and Animal Products
- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power

- 511 Improvement in Agricultural Statistics
- 512 Improvement of Grades and Standard of Forest Products
- 513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs
- 603 Technical Assistance to Developing Countries
- 604 Product Development and Marketing for Foreign Markets

* This RPA incorporates research formerly included under RPAs
503, 504 and 505.

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service
- 705 Selection and Care of Clothing and Household Textiles

- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People
- 805 Communication and Education Processes

- 806 Individual and Family Adjustment to Change
- 807 Structural Changes in Agriculture
- 808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
- 902 Outdoor Recreation
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
- 905 Trees to Enhance Rural and Urban Environment

- 906 Culture and Protection of Ornamentals and Turf
- 907 Improved Income Opportunities in Rural Communities
- 908 Improvement of Rural Community Institutions and Services

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NAT TOT USDA-SARS-FORRESTRY SCB-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FPD APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/CF/CA SYS 1981	WITH SARS AMOUNT 1981
0100 SOIL AND LAND	1472	530.7	28,072,395	64,974,921	*	*
0200 WATER	965	360.4	23,137,446	43,883,976	*	*
0300 WATERSHEDS RIVER BAS	267	224.1	20,037,041	25,524,265	*	*
0400 AIR AND CLIMATE	160	63.7	2,477,070	9,403,884	*	*
0500 RECREATION RESOURCES	181	78.9	4,826,523	8,579,304	*	*
0600 TIMBER FORST PRODUCT	1730	1264.6	102,746,599	156,718,548	*	*
0700 RANGE	403	172.2	14,010,876	21,554,593	*	*
0800 WILDLIFE AND FISH	768	274.8	12,505,219	38,210,533	*	*
0900 CITRUS SUB TROP FRUIT	376	208.1	11,025,705	25,291,262	*	*
1000 FRUIT NUTS DECIDUOUS	1203	460.4	23,606,419	58,325,272	*	*
1100 POTATOES	350	118.0	6,374,623	14,584,194	*	*
1200 VEGETABLES	1670	560.0	27,491,334	67,914,840	*	*
1300 ORNAMENTALS TURF	676	258.3	8,939,982	28,381,654	*	*
1400 CORN	1144	315.6	17,972,500	40,092,730	*	*
1500 GRAIN SORGHUM	410	91.2	3,684,263	10,871,625	*	*
1600 RICE	171	66.2	2,740,714	7,495,777	*	*
1700 WHEAT	860	266.7	15,314,453	32,243,676	*	*
1800 OTHER SMALL GRAINS	510	113.4	6,265,859	15,325,031	*	*
1900 PASTURE	191	40.9	2,155,708	5,628,754	*	*
2000 FORAGE CROPS	1113	359.7	20,618,757	46,587,818	*	*
2100 COTTON	567	334.0	30,265,430	44,389,406	*	*
2200 COTTONSEED	50	26.3	2,257,674	2,676,361	*	*
2300 SOYBEANS	1114	363.7	22,263,689	45,459,108	*	*
2400 PEANUTS	222	81.5	4,858,499	9,765,354	*	*
2500 OTHER OILSEED CROPS	188	55.2	2,694,969	6,159,293	*	*
2600 TOBACCO	202	96.5	6,107,512	12,482,762	*	*
2700 SUGAR CROPS	269	111.2	9,919,899	15,086,694	*	*
2800 HISC NEW CROPS	221	67.8	6,212,340	9,471,567	*	*
2900 POULTRY	856	314.5	19,840,979	44,883,208	*	*
3000 BEEF CATTLE	1648	606.2	45,889,200	110,201,782	*	*
3100 DAIRY CATTLE	1353	417.2	31,630,956	75,656,659	*	*
3200 SWINE	769	277.6	25,595,638	52,210,962	*	*
3300 SHEEP AND WOOL	460	138.4	12,533,533	21,977,897	*	*
3400 OTHER ANIMALS	438	123.5	5,958,933	16,929,192	*	*
3500 BEES AND HONEY	84	45.9	3,395,029	4,610,779	*	*
3600 FARM SUPP & FACILITIES	115	30.0	1,288,334	4,197,342	*	*
3700 CLOTHING & TEXTILES	72	21.9	749,095	1,813,953	*	*
3800 FOOD	610	280.8	23,413,558	38,939,820	*	*
3900 HOUSING & EQUIP	261	86.8	4,765,417	10,328,248	*	*
4000 PEOPLE AS INDIVIDUAL	746	285.1	19,669,903	33,204,393	*	*
4100 FAMILY MEMBERS	311	107.4	11,864,495	16,629,007	*	*
4200 FARM AS BUSINESS	226	75.4	2,211,743	6,447,693	*	*
4300 SOC POLIT ORGNIZ	445	143.7	5,504,490	13,495,778	*	*
4400 AGRIC ECONOMY U S	163	124.4	10,593,928	14,831,183	*	*
4500 AGRIC ECONOMY FORGN	128	131.8	8,243,323	9,231,245	*	*
4600 FARM COOPERATIVES	45	31.0	2,490,448	2,872,868	*	*
4700 OTH MARKET PROCESS	36	8.1	109,070	783,495	*	*
4800 MARKETING SYSTEMS	108	51.4	3,027,673	5,022,245	*	*
6100 WEEDS	117	37.1	3,565,933	4,747,640	*	*
6200 SEED RESEARCH	57	22.6	1,476,557	2,908,874	*	*
6300 BIO CELL SYSTEMS	278	113.7	3,138,747	14,898,641	*	*
6400 EXP DESIGN/STAT METH	82	30.3	1,060,634	4,346,832	*	*
6500 INVERTEBRATES	380	228.4	14,891,423	25,585,319	*	*
6600 MICROORGANISMS, VIRUS	372	113.8	8,044,776	18,162,365	*	*
6700 PLANTS	1133	474.9	39,079,911	67,965,976	*	*
6800 ANIMALS (VERTEBRATES)	506	200.2	7,731,869	28,670,709	*	*
6900 RESEARCH ON RSCH HGM	39	16.1	521,323	2,430,069	*	*
7000 RSCH EQUIP & TECHNOL	138	41.1	1,579,300	4,956,242	*	*
9900 UNCLASSIFIED	53	8.7	2,424,242	2,558,169	*	*
TOTAL	29482	11551.8	760,873,954	1,528,581,786	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NAT TOT USDA-SAES-FORRESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG PRD APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COR/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	224	82.3	1,459,669	9,698,422	*	*
102 SOIL PLNT WTR NUTRI	823	290.5	17,194,563	37,428,659	*	*
103 NGHT OF SALINE SOIL	73	33.7	2,659,315	4,582,193	*	*
104 ALTERN USE OF LAND	214	76.0	2,623,145	7,176,912	*	*
105 CONSERV USE OF WATE	415	162.0	11,356,522	19,255,213	*	*
106 DRAIN AND IRRIGATIO	202	69.0	5,346,375	9,433,424	*	*
107 WATERSHED PROT & MG	348	240.0	22,671,524	31,318,093	*	*
108 ECON LEG PROB OF WA	49	68.1	3,087,810	5,011,661	*	*
109 WEATHER ADAPT & MOD	153	60.4	2,028,069	8,954,514	*	*
110 APPRAIS FORST & RAN	183	98.6	12,987,351	16,517,207	*	*
111 BIOL CULT NGHT FORS	552	341.8	23,349,400	37,631,611	*	*
112 IMPROV RANGE RESOR	239	100.0	7,053,916	12,591,088	*	*
113 BEHOTE SENSING	74	26.9	2,028,086	3,735,064	*	*
114 RSCH ON NGHT OF RSC	37	14.2	521,323	2,087,279	*	*
SUBTOTAL	3586	1663.4	114,367,068	205,421,340	*	*
SERIES 200						
201 CNTRL FORST INSECTS	257	149.1	13,404,399	18,941,259	*	*
202 CONTROL FOREST DIS	172	98.6	10,330,202	14,012,880	*	*
203 FOREST FIRE PROTECT	30	69.2	7,355,729	8,451,422	*	*
204 CNTR PESTS FRT & VE	566	204.6	13,238,950	26,656,722	*	*
205 CNTR DISE FRT & VEG	929	304.0	15,255,372	38,013,643	*	*
206 CNTR WEEDS FRT & VE	230	54.9	2,894,489	7,560,887	*	*
207 CNTR PESTS FLD CROP	804	343.5	25,563,206	42,703,583	*	*
208 CNTR DIS FIELD CROP	1001	354.0	21,975,104	42,782,821	*	*
209 CNTR WEEDS FLD CROP	465	164.2	10,714,673	22,244,157	*	*
210 CNTR PESTS ANIMALS	179	86.8	7,897,039	11,157,182	*	*
211 CNTR DIS ANIMALS	1032	441.2	44,255,135	75,261,343	*	*
212 CNTR INTER PARASITE	139	65.6	6,895,544	10,217,397	*	*
213 PROT ANHLS FROM TOX	151	59.3	4,662,723	8,636,991	*	*
214 PROTECT FROM POLLUT	276	81.8	5,225,225	12,947,659	*	*
SUBTOTAL	6231	2476.7	189,667,792	339,587,946	*	*
SERIES 300						
301 GENET BREED FORST T	148	95.4	6,226,853	11,142,041	*	*
302 IMP FOREST ENG SYS	43	32.3	2,686,676	4,375,199	*	*
303 ECON TIMBER PRODUCT	67	32.6	1,536,630	3,534,521	*	*
304 IMP BIO EFF FRT & V	1160	384.6	16,859,186	51,912,467	*	*
305 HECH PROD FRT & VEG	156	40.8	1,930,007	4,878,919	*	*
306 PROD NGHT SYS F & V	111	23.8	492,292	2,453,157	*	*
307 IMP BIO EFF FLD CRP	1928	792.5	37,339,033	111,683,881	*	*
308 HECH PROD FIELD CRO	146	61.5	5,602,297	8,705,388	*	*
309 PROD NGHT SYS FLD C	326	84.6	3,192,975	11,625,578	*	*
310 ANIMAL REPRODUCTION	550	224.7	14,243,680	40,062,999	*	*
311 IMP BIO EFF ANHL PR	1361	545.9	32,064,115	115,534,343	*	*
312 ENV STRESS IN ANHL	214	57.4	2,678,888	9,151,257	*	*
313 PROD NGHT SYS ANHL	311	78.5	3,585,691	13,342,066	*	*
314 BEES OTH POLLNMG I	84	45.9	3,395,029	4,610,779	*	*
315 IMP STRUC FARM SUPP	165	44.5	1,734,157	6,807,083	*	*
316 FARM BUSINESS NGHT	155	54.7	1,238,077	4,497,076	*	*
317 HECH/STRUCTS ANHL P	86	23.5	1,480,267	3,366,332	*	*
318 NON-COM BIO TECH/BI	1443	708.7	44,095,983	94,427,357	*	*
SUBTOTAL	8454	3331.9	180,381,836	502,110,444	*	*
SERIES 400						
401 NEW IMP FOREST PROD	232	219.3	17,351,790	27,324,000	*	*
402 PROD F & V IMP ACCE	318	76.9	3,107,442	9,194,297	*	*
403 NEW & IMP F&V PROD	229	119.1	7,002,053	12,355,199	*	*
404 HKT QUAL FRTS & VEG	246	104.4	7,797,611	12,736,881	*	*
405 PROD FLD CROP IMP A	387	149.0	11,590,743	19,681,979	*	*
406 NEW IMP FOOD FLD CR	194	133.3	9,762,936	13,856,262	*	*
407 NEW IMP NON-FOOD FC	153	107.0	9,507,511	11,613,315	*	*
408 HKT QUAL FIELD CROP	163	63.4	5,400,532	7,187,914	*	*
409 PROD ANHL PR IMP AC	181	48.5	3,433,395	8,363,542	*	*
410 IMP HEAT MILK EGG P	282	105.7	5,089,709	13,104,490	*	*
411 IMP NON-FOOD ANHL P	41	28.7	3,276,298	3,756,829	*	*
412 HKT QUAL ANIMAL PRO	130	34.5	1,891,157	4,303,314	*	*
SUBTOTAL	2556	1189.9	85,211,177	143,478,022	*	*
SERIES 500						
501 IMP GRADES & STANDS	91	41.2	3,064,763	4,527,230	*	*
502 HKTG TIMBER PRODUCT	43	34.0	2,526,704	3,182,340	*	*
503 HKTG EFF AGRI PRODS	246	89.9	4,575,006	8,839,755	*	*
506 SPLY DEMAND AND PRI	198	115.6	6,144,648	9,731,171	*	*
507 COMP REL IN AGRIC	67	21.6	525,079	1,418,405	*	*
508 DOMESTIC HKT DEVELP	36	10.4	179,103	1,050,927	*	*
509 PERFORMANCE HKTG SY	158	97.5	5,838,020	8,708,657	*	*
510 GROUP ACT HKT POWER	30	14.5	1,058,372	1,364,441	*	*
511 IMP AGRIC STATISTIC	37	8.0	111,779	1,546,858	*	*
512 IMP GRADES PRST PRO	17	13.1	1,011,407	1,649,551	*	*
513 PRICE ANAL PRST PRO	28	12.8	795,763	1,347,545	*	*
SUBTOTAL	951	458.6	25,830,643	43,366,880	*	*
SERIES 600						
601 FGN HKT DEVELP	149	137.7	8,615,977	9,773,853	*	*
602 EVAL FGN FOOD AID P	5	1.8	97,000	167,729	*	*
603 TECH AID DEV CRTY	86	37.8	1,133,731	3,212,017	*	*
604 PRD DVLPT/HKTG FRG	24	19.6	1,974,799	2,150,955	*	*
SUBTOTAL	264	196.9	11,821,507	15,304,554	*	*
SERIES 700						
701 TOX RES IN FOOD	260	101.1	8,990,761	14,564,849	*	*
702 FOOD PROT FROM TOX	285	154.4	11,845,398	19,577,454	*	*
703 FOOD CONSUMP HABITS	153	77.8	6,243,335	8,235,150	*	*
704 HOME COMM FOOD SERV	53	20.1	991,134	2,106,015	*	*
705 SEL CARE CLOTH & TE	62	18.5	660,194	1,551,801	*	*
706 CNTR INSECTS AFF ME	153	69.7	4,434,419	8,450,411	*	*
707 TRANS ANHML HAN DI	27	4.5	129,070	1,355,992	*	*
708 HUMAN NUTRITION	505	239.2	33,259,792	43,607,000	*	*
709 REDUCE HAZ HLTH & S	128	86.3	10,088,444	11,190,618	*	*
SUBTOTAL	1626	771.7	76,642,548	110,639,289	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 800						
801 RURAL HOUSING	73	28.0	1,941,018	3,096,087	*	*
802 INDIV & FAN DEC MAK	207	57.6	1,778,011	5,403,065	*	*
803 RURAL POVERTY	50	17.6	1,018,727	1,339,236	*	*
804 ECON POVERTY RURAL PE	109	54.4	2,904,945	4,631,632	*	*
805 COMMUNICAT RURAL PE	126	40.3	770,599	3,625,412	*	*
806 ADJUSTMENT TO CHANG	196	66.9	2,278,252	5,442,916	*	*
807 AGRIC ECOLOGIC CHAN	180	97.4	8,773,212	12,398,393	*	*
808 GOV'T PROGRAMS	59	34.0	2,385,464	3,205,097	*	*
SUBTOTAL	1000	396.0	21,850,227	39,142,436	*	*
SERIES 900						
901 ALLEY POLLUTION	673	291.8	17,081,837	36,453,914	*	*
902 OUTDOOR RECREATION	171	71.9	3,129,717	6,888,902	*	*
903 MULTI-USE-FOREST PO	111	56.9	5,517,474	7,504,751	*	*
904 WLDLPE AND FISH ECO	637	230.5	10,531,696	32,300,648	*	*
905 TREES BEAUTIFICATIO	133	41.9	3,425,819	5,927,556	*	*
906 ORNAMENT & TURP DEV	647	250.5	8,275,734	26,956,091	*	*
907 RURAL INCOME IMP	149	43.6	2,028,040	4,280,809	*	*
908 RURAL INSTITUT IMP	236	70.9	2,686,598	6,660,035	*	*
909 UNCLASSIFIED	53	8.7	2,424,242	2,558,169	*	*
SUBTOTAL	2810	1066.8	55,101,157	129,530,875	*	*
SCIENCE IN SERV OF MAN	27478	11551.8	760,873,954	1,528,581,786	*	*
GRAND TOTAL						

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OP PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	1397	504.9	27,194,672	62,704,784	*	*
0200 WATER	936	343.7	22,659,921	42,767,599	*	*
0300 WATERSHEDS RIVER BAS	240	216.8	19,914,079	24,840,330	*	*
3400 AIR AND CLIMATE	154	62.7	2,430,630	9,123,733	*	*
0500 RECREATION RESOURCES	144	69.2	4,755,557	7,640,429	*	*
0600 TIMBER FORST PRODUCT	1223	1088.4	100,716,835	138,540,774	*	*
0700 RANGE	387	167.6	13,864,669	21,166,140	*	*
0800 WILDLIFE AND FISH	663	244.8	11,778,326	35,163,390	*	*
0900 CITRUS SUB TROP FRUT	376	208.1	11,025,705	25,291,262	*	*
1000 FRUIT NUTS DECIDUOUS	1195	456.8	23,343,715	58,004,405	*	*
1100 POTATOES	349	118.0	6,368,598	14,578,169	*	*
1200 VEGETABLES	1627	540.8	25,801,042	65,989,669	*	*
1300 ORNAMENTALS TURF	672	258.2	8,939,982	28,363,530	*	*
1400 CORN	1138	315.3	17,948,694	40,039,918	*	*
1500 GRAIN SORGHUM	405	90.9	3,668,701	10,837,810	*	*
1600 RICE	169	66.2	2,740,714	7,493,013	*	*
1700 WHEAT	857	265.6	15,256,179	32,158,655	*	*
1800 OTHER SMALL GRAINS	501	112.8	5,918,978	14,970,034	*	*
1900 PASTURE	189	40.5	2,111,590	5,564,710	*	*
2000 FORAGE CROPS	1098	354.5	20,180,031	46,026,910	*	*
2100 COTTON	560	332.3	29,993,450	44,076,123	*	*
2200 COTTONSEED	50	26.3	2,257,674	2,676,361	*	*
2300 SOYBEANS	1077	348.7	20,643,706	43,608,480	*	*
2400 PEANUTS	218	78.5	4,715,596	9,588,494	*	*
2500 OTHER OILSEED CROPS	187	55.0	2,654,558	6,112,818	*	*
2600 TOBACCO	200	95.2	6,040,270	12,345,764	*	*
2700 SUGAR CROPS	269	111.2	9,919,899	15,086,694	*	*
2800 MISC NEW CROPS	218	66.6	6,137,340	9,322,885	*	*
2900 POULTRY	838	306.7	19,300,745	44,216,742	*	*
3000 BEEP CATTLE	1622	596.4	44,763,779	108,917,197	*	*
3100 DAIRY CATTLE	1337	413.9	31,268,440	74,846,453	*	*
3200 SWINE	749	268.5	24,316,694	50,610,945	*	*
3300 SHEEP AND WOOL	451	122.4	12,101,883	21,387,648	*	*
3400 OTHER ANIMALS	421	109.0	4,857,051	15,565,511	*	*
3500 BEES AND HONEY	83	45.9	3,374,085	4,589,835	*	*
3600 FARM SUPP & FACILITS	110	28.6	1,270,377	4,077,096	*	*
3700 CLOTHING & TEXTILES	66	20.4	618,231	1,643,545	*	*
3800 FOOD	585	270.1	22,393,877	37,791,103	*	*
3900 HOUSING & EQUIP	252	82.2	4,722,649	10,140,617	*	*
4000 PEOPLE AS INDIVIDUAL	665	258.1	17,733,236	30,686,014	*	*
4100 FAMILY MEMBERS	268	95.5	10,880,014	15,342,928	*	*
4200 FARM AS BUSINESS	215	71.5	1,892,960	6,097,923	*	*
4300 SOC POLIT ORGANIZ	410	132.8	4,670,113	12,516,999	*	*
4400 AGRIC ECONOMY U S	155	123.4	10,473,906	14,692,360	*	*
4500 AGRIC ECONOMY FORGN	127	131.7	8,243,323	9,229,423	*	*
4600 FARM COOPERATIVES	43	30.4	2,486,758	2,854,487	*	*
4700 OTH MARKET PROCESS	36	8.1	109,070	783,495	*	*
4800 MARKETING SYSTEMS	106	51.2	3,027,673	4,999,638	*	*
6100 WEEDS	115	36.6	3,565,933	4,721,674	*	*
6200 SEED RESEARCH	57	22.6	1,476,557	2,908,874	*	*
6300 BIO CELL SYSTEMS	272	109.0	3,129,118	14,603,282	*	*
6400 EXP DESIGN/STAT METH	79	29.6	1,038,644	4,275,711	*	*
6500 INVERTEBRATES	375	226.4	14,827,999	25,443,277	*	*
6600 MICROORGANISMS,VIRUS	364	109.9	8,018,298	17,868,476	*	*
6700 PLANTS	1116	471.8	39,002,726	67,701,712	*	*
6800 ANIMALS(VERTEBRATES)	500	198.4	7,712,505	28,488,952	*	*
6900 RESEARCH ON RSCH MGM	37	16.1	521,323	1,668,094	*	*
7000 RSCH EQUIP & TECHNOL	126	36.7	1,560,515	4,436,843	*	*
9900 UNCLASSIFIED	44	4.2	2,041,505	2,175,432	*	*
TOTAL	28123	11067.5	740,381,097	1,479,365,171	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	213	76.6	1,415,816	9,212,110	*	*
102 SOIL PLNT WTR NUTRI	771	275.0	16,388,240	36,002,829	*	*
103 HGHT OF SALINE SOIL	71	33.6	2,659,315	4,579,511	*	*
104 ALTERN USE OF LAND	201	73.9	2,604,973	6,967,028	*	*
105 CONSERV USE OF WATE	408	157.8	11,318,110	18,938,391	*	*
106 DRAIN AND IRRIGATIO	202	69.0	5,346,375	9,433,424	*	*
107 WATERSHED PROT & HG	311	226.4	22,575,229	30,032,608	*	*
108 ECON LEG PROB OF WA	49	68.1	3,087,810	5,011,661	*	*
109 WEATHER ADAPT & MOD	146	58.1	1,989,392	8,690,624	*	*
110 APPRAIS FORST & RAN	148	94.0	12,894,956	15,914,037	*	*
111 BIOL CULT HGHT FORS	353	287.1	22,576,048	31,788,098	*	*
112 IMPROV RANGE RESOR	225	95.7	6,922,346	12,245,794	*	*
113 REMOTE SENSING	59	24.7	1,964,862	3,401,534	*	*
114 RSCH ON HGHT OF RSC	35	14.2	521,323	1,325,304	*	*
SUBTOTAL	3192	1554.0	112,264,794	193,542,953	*	*
SERIES 200						
201 CNTRL FORST INSECTS	201	136.4	13,277,623	17,305,545	*	*
202 CONTROL FOREST DIS	134	90.6	10,143,327	13,139,852	*	*
203 FOREST FIRE PROTECT	25	68.5	7,355,729	8,380,697	*	*
204 CNTR PESTS FRT & VE	562	204.3	13,220,167	26,629,200	*	*
205 CNTR DISE FRT & VEG	920	303.2	15,161,180	37,881,771	*	*
206 CNTR WEEDS FRT & VE	224	54.1	2,869,353	7,489,140	*	*
207 CNTR PESTS FLD CROP	793	342.0	25,356,955	42,455,128	*	*
208 CNTR DIS FIELD CROP	989	350.9	21,610,616	42,356,322	*	*
209 CNTR WEEDS FLD CROP	462	162.7	10,574,550	22,102,739	*	*
210 CNTR PESTS ANNHLS	176	85.2	7,802,902	10,997,672	*	*
211 CNTR DIS ANNHLS	1016	423.9	43,927,005	74,736,351	*	*
212 CNTR INTER PARASITE	137	65.2	6,880,691	10,112,047	*	*
213 PROT ANHLS FROM TOX	148	58.2	4,569,272	8,543,540	*	*
214 PROTECT FROM POLLUT	261	77.3	5,153,633	12,449,951	*	*
SUBTOTAL	6048	2422.4	187,903,004	334,579,955	*	*
SERIES 300						
301 GENET BREED FORST T	113	80.2	6,004,720	9,586,990	*	*
302 IMP FOREST MGT SYS	29	27.1	2,662,921	3,938,515	*	*
303 ECON TIMBER PRODUCT	52	26.7	1,499,258	2,973,216	*	*
304 IMP BIO EFF FRT & V	1123	370.1	15,574,439	50,439,654	*	*
305 HECH PROD FRT & VEG	154	40.7	1,917,388	4,863,733	*	*
306 PROD HGHT SYS F & V	109	23.8	470,824	2,431,688	*	*
307 IMP BIO EFF FLD CRO	1888	779.9	35,874,911	109,915,725	*	*
308 HECH PROD FIELD CRO	145	61.5	5,602,297	8,702,822	*	*
309 PROD HGHT SYS FLD C	323	84.6	3,180,084	11,596,877	*	*
310 ANIMAL REPRODUCTION	533	214.4	13,182,565	38,931,870	*	*
311 IMP BIO EFF ANHL PR	1333	533.1	30,475,503	113,468,241	*	*
312 ENV STRESS IN ANHL	212	56.6	2,678,888	9,077,752	*	*
313 PROD HGHT SYS ANHL	301	72.1	3,167,482	12,869,390	*	*
314 BEES OTH POLLWNG I	83	45.9	3,374,085	4,589,835	*	*
315 IMP STRUC FARM SUPP	160	43.2	1,716,200	6,686,837	*	*
316 FARM BUSINESS HGHT	150	51.9	1,060,238	4,296,855	*	*
317 HECH/STRUCTS ANHL P	85	23.4	1,480,267	3,361,198	*	*
318 NON-COM BIO TECH/BI	1414	694.0	43,990,503	93,356,545	*	*
SUBTOTAL	8207	3229.1	173,912,633	491,087,744	*	*
SERIES 400						
401 NEW IMP FOREST PROD	152	176.7	17,026,293	23,272,568	*	*
402 PROD F & V IMP ACCE	312	74.8	3,022,435	9,049,267	*	*
403 NEW & IMP FEV PROD	229	119.1	7,002,053	12,355,199	*	*
404 HKT QUAL FRTS & VEG	246	104.4	7,797,611	12,736,881	*	*
405 PROD FLD CROP IMP A	379	147.2	11,430,496	19,452,084	*	*
406 NEW IMP FOOD FLD CR	189	132.3	9,618,262	13,703,545	*	*
407 NEW IMP NON-FOOD FC	152	106.9	9,507,511	11,605,453	*	*
408 HKT QUAL FIELD CROP	163	63.4	5,400,532	7,187,914	*	*
409 PROD ANHL PR IMP AC	169	45.1	2,800,009	7,520,952	*	*
410 IMP HEAT HLK EGG P	280	105.6	5,036,605	13,051,386	*	*
411 IMP NON-FOOD ANHL P	39	28.5	3,184,862	3,665,393	*	*
412 HKT QUAL ANIMAL PRO	128	34.0	1,802,122	4,206,443	*	*
SUBTOTAL	2438	1138.0	83,628,790	137,807,085	*	*
SERIES 500						
501 IMP GRADES & STANDS	90	40.7	3,041,117	4,503,584	*	*
502 HKTG TIMBER PRODUCT	34	30.1	2,496,322	2,919,055	*	*
503 HKTG EFF AGRIC PRODS	243	89.1	4,575,006	8,807,301	*	*
506 SELV DEMAND AND PRI	197	114.9	6,102,666	9,689,189	*	*
507 COMP REL IN AGRIC	67	21.6	525,079	1,418,405	*	*
508 DOMESTIC HKT DEVELP	35	10.2	169,479	1,040,499	*	*
509 PERFORMANCE HKTG SY	157	97.5	5,838,020	8,708,529	*	*
510 GROUP ACT HKT POWER	28	13.9	1,054,682	1,346,060	*	*
511 IMP AGRIC STATISTIC	35	7.8	89,789	1,521,261	*	*
512 IMP GRADES PRST PRO	13	11.9	1,011,407	1,553,437	*	*
513 PRICE ANHL PRST PRO	20	10.4	762,659	1,152,246	*	*
SUBTOTAL	919	448.2	25,666,226	42,659,566	*	*
SERIES 600						
601 FGM HKT DEVELP	149	137.7	8,615,977	9,773,853	*	*
602 EVAL FGM FOOD AID P	5	1.8	97,000	167,729	*	*
603 TECH AID DEV CRTY	80	35.5	1,132,040	2,817,942	*	*
604 PRD DVLPHNT/HKTG PRG	24	19.6	1,974,799	2,150,955	*	*
SUBTOTAL	258	194.6	11,819,816	14,910,479	*	*
SERIES 700						
701 TOX RES IN FOOD	252	95.3	8,623,126	14,149,269	*	*
702 FOOD PROT FROM TOX	279	151.3	11,613,867	19,285,875	*	*
703 FOOD CONSUMP HABITS	130	67.5	5,587,326	7,344,191	*	*
704 HOME COHN FOOD SERV	52	19.7	965,001	2,077,951	*	*
705 SEL CARE CLOTH & TE	56	16.9	529,330	1,381,393	*	*
706 CNTR INSECTS APP H	153	69.7	4,434,419	8,450,411	*	*
707 TRANS ANHL HAN DI	27	4.5	129,070	1,355,992	*	*
708 HUMAN NUTRITION	466	222.4	31,631,723	41,614,990	*	*
709 REDUCE HAZ HLTH & S	124	83.4	9,923,302	10,882,529	*	*
SUBTOTAL	1539	730.8	73,437,165	106,542,600	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/CR/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 800						
801 RURAL HOUSING	69	24.3	1,898,250	2,975,420	*	*
802 INDIV & FAN DEC MAK	184	51.1	1,260,788	4,765,875	*	*
803 RURAL POVERTY	27	6.4	187,558	446,162	*	*
804 ECON POTENT RURAL PE	89	47.3	2,464,188	4,041,604	*	*
805 COMMUNICAT RURAL PE	112	36.7	369,908	3,129,274	*	*
806 ADJUSTMENT TO CHANG	176	63.4	2,156,707	5,113,866	*	*
807 AGRIC ECONOMIC CHAN	168	95.1	8,480,254	12,076,443	*	*
808 GOV'T PROGRAMS	59	34.0	2,385,464	3,205,097	*	*
SUBTOTAL	884	358.4	19,203,117	35,753,742	*	*
SERIES 900						
901 ALLEV POLLUTION	631	270.6	16,095,315	34,712,016	*	*
902 OUTDOOR RECREATION	135	62.2	3,065,842	5,994,638	*	*
903 MULTI-USE-FORREST PO	86	52.9	5,379,624	7,001,205	*	*
904 WLDLFE AND FISH RCO	541	202.9	9,912,212	29,473,484	*	*
905 TREES BEAUTIFICATIO	116	38.7	3,425,819	5,686,553	*	*
906 ORNAMENT & TURF DEV	646	250.5	8,275,734	26,947,613	*	*
907 RURAL INCOME IMP	143	42.9	2,002,249	4,219,669	*	*
908 RURAL INSTITUT IMP	227	67.0	2,347,253	6,270,438	*	*
909 UNCLASSIFIED	44	4.2	2,041,505	2,175,432	*	*
SUBTOTAL	2569	991.9	52,545,551	122,481,048	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL	26054	11067.5	740,381,097	1,479,365,171	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SALES AMOUNT 1981
0100 SOIL AND LAND	297	169.7	21,065,804	22,663,165	6.9	1,838,461
0200 WATER	277	174.6	20,051,760	21,689,493	13.8	917,996
0300 WATERSHEDS RIVER BAS	115	190.4	19,468,891	21,486,349	4.5	444,125
0400 AIR AND CLIMATE	27	15.0	1,744,727	1,848,295	0.0	31,480
0500 RECREATION RESOURCES	19	33.0	4,163,950	4,494,200	0.0	0
0600 TIMBER FORST PRODUCT	229	723.1	92,230,846	97,401,253	4.2	731,651
0700 RANGE	122	90.6	12,759,704	13,350,623	3.4	1,153,749
0800 WILDLIFE AND FISH	69	70.8	9,372,136	10,009,220	1.9	967,389
0900 CITRUS SUB TROP FRUT	96	82.1	9,905,165	10,470,406	5.2	534,636
1000 FRUIT NUTS DECIDUOUS	187	117.4	16,858,943	17,083,289	5.0	1,949,343
1100 POTATOES	53	36.0	4,630,880	4,668,481	0.8	215,485
1200 VEGETABLES	300	130.7	17,685,503	17,837,400	12.8	2,352,649
1300 ORNAMENTALS TURF	65	36.3	5,153,711	5,372,236	3.0	182,613
1400 CORN	227	112.9	12,908,684	13,269,851	5.3	772,467
1500 GRAIN SORGHUM	81	25.5	2,709,012	2,713,242	1.2	85,494
1600 RICE	45	22.3	2,319,391	2,368,951	0.2	34,372
1700 WHEAT	196	108.0	12,505,856	12,923,334	2.5	659,806
1800 OTHER SMALL GRAINS	97	34.7	4,391,020	4,453,392	0.5	146,004
1900 PASTURE	34	10.0	1,411,169	1,431,848	0.4	249,496
2000 FORAGE CROPS	207	110.8	14,206,107	14,552,343	7.6	1,491,772
2100 COTTON	188	195.4	27,751,713	27,997,501	2.8	707,970
2200 COTTONSEED	29	22.0	2,175,558	2,182,706	0.8	36,708
2300 SOYBEANS	210	127.5	16,090,775	16,532,558	1.5	1,614,813
2400 PEANUTS	63	39.3	4,183,644	4,237,918	0.3	75,658
2500 OTHER OILSEED CROPS	49	23.2	2,270,851	2,297,594	0.2	111,630
2600 TOBACCO	45	40.6	5,022,023	5,117,393	5.8	665,865
2700 SUGAR CROPS	97	61.3	8,934,299	9,044,722	1.7	356,010
2800 MISC NEW CROPS	62	36.1	5,171,276	5,884,516	1.2	762,887
2900 POULTRY	116	79.8	12,525,256	12,607,856	2.2	856,211
3000 BEEF CATTLE	287	191.7	32,016,043	32,668,860	11.9	3,282,255
3100 DAIRY CATTLE	204	103.8	21,094,960	21,360,671	5.1	2,339,977
3200 SWINE	160	106.3	19,108,064	20,118,236	5.4	1,288,195
3300 SHEEP AND WOOL	107	52.6	10,098,791	10,167,603	2.6	797,096
3400 OTHER ANIMALS	43	17.3	3,227,229	3,251,893	1.6	374,898
3500 BEES AND HONEY	38	30.3	3,191,590	3,196,647	1.7	259,862
3600 FARM SUPP & FACILITIES	13	5.8	802,873	802,873	0.0	73,194
3700 CLOTHING & TEXTILES	5	3.6	281,900	281,900	0.1	22,107
3800 FOOD	108	123.1	18,846,907	19,740,588	4.5	1,200,059
3900 HOUSING & EQUIP	40	27.7	3,895,748	4,387,523	0.8	504,463
4000 PEOPLE AS INDIVIDUAL	90	100.9	14,802,805	15,011,088	8.6	2,956,280
4100 FAMILY MEMBERS	33	27.6	9,641,804	9,641,804	2.6	295,900
4200 FARM AS BUSINESS	5	3.9	417,916	417,916	0.1	35,337
4300 SOC POLIT ORGANIZ	33	24.2	2,051,143	2,287,143	0.1	162,143
4400 AGRIC ECONOMY U S	28	78.6	9,819,500	10,645,500	0.0	58,200
4500 AGRIC ECONOMY FORGN	97	122.8	8,192,000	8,192,000	0.0	0
4600 FARM COOPERATIVES	10	24.4	2,349,950	2,349,950	0.0	0
4800 MARKETING SYSTEMS	6	20.7	2,300,487	2,387,487	0.0	14,550
6100 WEEDS	57	26.1	3,369,811	3,446,248	0.7	99,229
6200 SEED RESEARCH	16	10.5	1,377,861	1,483,865	0.4	50,730
6300 BIO CELL SYSTEMS	24	13.9	1,979,666	1,988,180	2.0	208,387
6400 EXP DESIGN/STAT METH	2	3.9	817,451	817,451	0.4	63,032
6500 INVERTEBRATES	91	121.3	13,635,288	14,167,449	3.4	818,340
6600 MICROORGANISMS, VIRUS	99	28.8	6,732,289	6,782,235	4.7	753,564
6700 PLANTS	372	238.5	35,321,090	36,332,766	6.6	3,117,763
6800 ANIMALS (VERTEBRATES)	76	40.8	5,913,699	6,198,600	1.5	589,850
6900 RESEARCH ON RSCH HGM	1	0.0	351,547	351,547	0.0	351,547
7000 RSCH EQUIP & TECHNOL	20	11.9	1,281,982	1,363,323	2.8	272,665
9900 UNCLASSIFIED	1	1.3	348,786	348,786	1.3	348,786
TOTAL	5668	4481.3	602,937,831	626,180,263	163.8	40,285,347

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG PRD APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WTH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	5	2.6	269,947	269,947	0.1	18,415
102 SOIL PLNT WTR NUTRI	172	93.2	12,977,346	13,796,241	5.2	1,128,306
103 HGHT OF SALINE SOIL	11	17.4	2,473,936	2,592,429	0.2	84,841
104 ALTERN USE OF LAND	23	18.8	1,622,528	1,914,773	0.0	168,816
105 CONSERV USE OF WATE	126	79.5	10,232,010	10,831,682	2.8	641,019
106 DRAIN AND IRRIGATIO	65	40.3	4,803,605	5,164,280	8.7	446,306
107 WATERSHED PROT & HG	153	185.5	21,830,858	24,377,144	5.8	867,481
108 ECON LEG PROB OF WA	7	49.3	2,967,143	2,967,143	0.1	49,193
109 WEATHER ADAPT & MOD	17	8.9	1,138,683	1,195,553	1.2	77,916
110 APPRAIS FORST & RAN	26	68.0	12,440,696	13,177,296	0.0	276,514
111 BIOL CULT HGHT FORS	60	192.3	20,327,836	21,758,693	0.0	9,588
112 IMPROV RANGE RESOR	61	44.5	6,223,985	6,659,092	1.3	327,455
113 REMOTE SENSING	14	14.8	1,849,885	2,015,514	2.7	243,096
114 RSCH ON HGHT OF RSC	1	0.0	351,547	351,547	0.0	351,547
SUBTOTAL	741	815.0	99,510,005	107,071,334	28.1	4,690,481
SERIES 200						
201 CNTRL FORST INSECTS	45	98.9	12,299,499	12,642,772	3.0	213,530
202 CONTROL FOREST DIS	25	57.1	9,219,514	9,584,339	0.0	1,514
203 FOREST FIRE PROTECT	17	67.1	7,343,800	8,238,490	0.0	0
204 CNTR PESTS FRT & VE	144	74.3	11,144,173	11,588,642	4.5	994,080
205 CNTR DISE FRT & VEG	191	75.3	11,516,399	11,600,651	11.1	1,606,063
206 CNTR WEEDS FRT & VE	51	14.2	2,081,689	2,088,149	1.6	232,270
207 CNTR PESTS FLD CROP	237	156.3	21,494,796	21,691,410	2.9	1,544,010
208 CNTR DIS FIELD CROP	246	128.4	17,098,022	17,261,113	6.1	1,170,188
209 CNTR WEEDS FLD CROP	135	63.2	8,464,680	8,527,468	4.0	1,018,600
210 CNTR PESTS ANIMALS	45	55.1	7,070,317	7,087,534	3.2	388,178
211 CNTR DIS ANIMALS	208	137.2	36,257,411	37,042,832	5.5	5,246,195
212 CNTR WINTER PARASITE	32	37.0	5,990,552	6,011,569	2.5	388,376
213 PROT ANMLS FROM TOX	30	28.2	3,969,567	3,982,156	1.6	258,439
214 PROTECT FROM POLLUT	36	24.9	4,182,499	4,823,575	0.0	1,065,794
SUBTOTAL	1442	1017.2	158,132,918	162,170,700	46.0	14,127,236
SERIES 300						
301 GENET BREED FORST T	16	46.6	4,847,950	5,230,810	0.0	0
302 IMP FOREST ENG SYS	5	17.5	2,494,250	2,634,250	0.0	0
303 ECON TIMBER PRODDCT	6	13.1	1,211,000	1,315,065	0.0	0
304 IMP BIO EFF FRT & V	119	59.4	9,916,407	10,096,962	3.3	803,845
305 HECH PROD FRT & VEG	22	9.5	1,145,731	1,181,468	0.7	30,744
306 PROD HGHT SYS F & V	6	0.8	125,200	125,200	0.3	77,984
307 IMP BIO EFF FLD CRP	345	175.9	25,042,024	26,477,680	6.6	1,755,341
308 HECH PROD FIELD CRO	49	32.6	4,969,319	5,178,226	0.4	120,131
309 PROD HGHT SYS FLD C	30	9.6	1,475,008	1,479,608	0.1	437,563
310 ANIMAL REPRODUCTION	61	39.4	7,587,327	7,604,325	1.7	804,625
311 IMP BIO EFF ANML PR	127	81.9	16,735,584	16,740,956	3.6	881,843
312 ENV STRESS IN ANML	25	9.3	1,385,801	1,388,205	1.5	309,235
313 PROD HGHT SYS ANML	17	12.0	1,437,851	1,442,288	2.3	165,958
314 BEES OTH POLLWTNG I	38	30.3	3,191,590	3,196,647	1.7	259,862
315 IMP STRUC FARM SUPP	17	3.8	1,050,378	1,222,350	0.0	490,050
316 FARM BUSINESS HGHT	2	0.1	35,337	35,337	0.1	35,337
317 HECH/STRUCTS ANML P	12	6.7	1,163,777	1,386,212	0.0	77,684
318 NON-COM BIO TECH/BI	342	263.8	38,871,814	40,066,389	10.6	2,156,926
SUBTOTAL	1239	812.4	122,686,348	126,801,978	33.0	8,407,127
SERIES 400						
401 NEW IMP FOREST PROD	32	110.2	15,895,172	16,371,272	0.0	436,372
402 PROD F & V IMP ACCE	43	15.1	2,150,960	2,175,416	0.0	212,425
403 NEW & IMP P&V PROD	43	58.8	5,771,519	6,017,234	0.7	262,910
404 HKT QUAL FRTS & VEG	79	57.4	6,585,873	6,729,359	1.6	195,208
405 PROD FLD CROP IMP A	114	73.2	9,747,562	9,810,350	1.9	462,688
406 NEW IMP FOOD FLD CR	54	92.8	8,828,342	8,919,430	1.5	203,894
407 NEW IMP NON-FOOD CP	71	85.4	8,891,560	9,306,210	1.0	746,066
408 HKT QUAL FIELD CROP	61	43.2	4,931,840	4,993,445	0.3	264,805
409 PROD ANML PR IMP AC	10	8.2	1,190,253	1,231,928	0.0	28,358
410 IMP MEAT MILK EGG P	22	29.4	3,061,604	3,098,521	1.6	160,151
411 IMP NON-FOOD ANML P	13	25.1	3,062,458	3,073,614	3.8	149,060
412 HKT QUAL ANIMAL PRO	19	8.0	1,105,929	1,149,988	1.1	122,793
SUBTOTAL	561	606.8	71,223,072	72,876,767	13.5	3,244,730
SERIES 500						
501 IMP GRADES & STANDS	28	22.6	2,626,319	2,702,340	0.9	120,805
502 HKTG TIMBER PRODUCT	8	24.8	2,352,625	2,412,165	0.0	0
503 HKTG EFF AGRI PRODS	45	31.2	3,183,577	4,002,428	0.2	15,148
506 SPLY DEMAND AND PRI	26	57.8	4,705,255	4,705,255	0.9	122,625
507 COMP REL IN AGRIC	2	1.4	99,100	99,100	0.0	29,100
508 DOMESTIC HKT DEVELP	1	0.1	16,025	16,025	0.0	0
509 PERFORMANCE HKTG SY	15	48.4	4,620,036	4,707,036	0.0	43,650
510 GROUP ACT HKT POWER	4	8.8	944,170	944,170	0.0	14,550
512 IMP GRADES PRST PRO	2	8.0	970,000	994,600	0.0	0
513 PRICE ANAL PRST PRO	4	6.3	704,200	787,840	0.0	0
SUBTOTAL	135	209.3	20,221,308	21,370,959	2.0	345,878
SERIES 600						
601 PGN HKT DEVELP	97	123.7	8,283,000	8,308,000	0.0	0
602 EVAL PGN FOOD AID P	1	1.1	97,000	97,000	0.0	0
603 TECH AID DEV CTRY	19	20.6	1,108,767	1,150,046	1.6	165,852
604 PRD DVLPMT/HKTG PRG	16	18.6	1,970,424	2,087,499	0.0	0
SUBTOTAL	133	164.0	11,459,190	11,642,544	1.6	165,852
SERIES 700						
701 TOX RES IN FOOD	75	47.1	7,520,798	8,449,638	0.2	1,962,011
702 FOOD PROT FROM TOX	89	93.4	10,236,760	10,426,050	1.5	217,076
703 FOOD CONSUMP HABITS	20	41.7	4,915,047	4,917,121	5.1	836,582
704 HOME COCH FOOD SERV	3	5.9	603,407	603,407	0.0	0
705 SEL CARE CLOTH & TE	5	3.6	281,900	281,900	0.1	22,107
706 CNTR INSECTS AFF H	24	28.0	3,624,028	3,810,818	0.5	363,740
707 TRANS ANML HAN DI	1	0.3	54,512	54,512	0.0	0
708 HUMAN NUTRITION	131	124.3	29,350,699	29,750,572	13.6	3,141,308
709 REDUCE HAZ HLTH & S	66	74.9	9,738,676	9,847,412	7.7	655,918
SUBTOTAL	414	419.1	66,325,827	68,141,430	28.6	7,198,742

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1961 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1961	RES FED APPR/ CRS ADMSTRD (GROSS) 1961	TOTAL FUNDS (GROSS) 1961	USDA COM/GR/CA SYS 1961	WITH SALES AMOUNT 1961
SERIES 800						
801 RURAL HOUSING	10	13.4	1,667,767	1,883,648	0.5	45,179
802 INDIV & FAN DEC HAK	7	5.7	452,164	452,164	0.0	14,550
803 RURAL POVERTY	2	0.1	20,280	20,280	0.1	20,280
804 ECON POTENT RURL PE	7	19.5	2,032,233	2,032,233	0.0	10,233
806 ADJUSTMENT TO CHANG	7	11.5	1,139,550	1,139,550	0.0	14,550
807 AGRIC ECONOMIC CHAN	16	49.1	7,538,200	7,639,200	0.0	58,200
808 GOV'T PROGRAMS	8	24.2	2,184,000	2,184,000	0.0	0
SUBTOTAL	57	123.5	15,034,194	15,351,075	0.6	162,992
SERIES 900						
901 ALLEV POLLUTION	113	118.1	12,976,063	13,815,872	4.3	373,260
902 OUTDOOR RECREATION	15	23.5	2,429,450	2,651,750	0.0	0
903 MULTI-USE-FORREST PO	17	37.4	5,056,400	5,350,840	0.0	0
904 WILDLF AND FISH ECO	48	58.6	7,871,054	8,384,584	0.7	792,902
905 TREES BEAUTIFICATIO	20	16.8	3,051,230	3,141,064	1.2	70,147
906 ORNAMENT & TURF DEV	58	34.2	4,548,385	4,760,979	3.0	182,613
907 RURAL INCOME IMP	13	11.8	949,425	1,049,425	0.0	50,925
908 RURAL INSTTUT IMP	23	12.4	1,114,175	1,250,175	0.0	123,675
900 UNCLASSIFIED	1	1.3	348,786	348,786	1.3	348,786
SUBTOTAL	308	314.0	38,344,969	40,753,475	10.5	1,942,309
SCIENCE IN SERV OF MAN GRAND TOTAL	5030	4481.3	602,937,831	626,180,263	163.8	40,285,347

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - AGRICULTURAL COOP SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0600 TIMBER FORST PRODUCT	1	0.1	16,025	16,025	0.0	0
0800 WILDLIFE AND FISH	1	0.1	16,025	16,025	0.0	0
4600 FARM COOPERATIVES	9	17.4	1,721,950	1,721,950	0.0	0
TOTAL	11	17.6	1,754,000	1,754,000	0.0	0

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TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- AGRICULTURAL COOP SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 500						
502 MKTG TIMBER PRODUCT	1	0.1	16,025	16,025	0.0	0
503 MKTG EFF AGRI PRODS	1	1.0	128,202	128,202	0.0	0
508 DOMESTIC MKT DEVELP	1	0.1	16,025	16,025	0.0	0
509 PERFORMANCE MKTG SY	5	7.6	664,128	664,128	0.0	0
510 GROUP ACT MKT POWER	3	8.8	929,620	929,620	0.0	0
SUBTOTAL	11	17.6	1,754,000	1,754,000	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	11	17.6	1,754,000	1,754,000	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - AGRICULTURAL RESEARCH SERVICE AMS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FND APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COW/CT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	252	136.0	17,035,558	18,427,729	6.9	969,595
0200 WATER	236	131.5	16,309,760	17,734,478	13.8	740,205
0300 WATERSHEDS RIVER BAS	80	66.4	7,879,558	8,577,746	4.5	355,762
0400 AIR AND CLIMATE	19	8.3	1,000,747	1,059,965	0.0	0
0600 TIMBER FORST PRODUCT	29	20.4	2,999,453	3,095,304	4.2	282,163
0700 RANGE	81	49.9	6,813,485	7,123,834	3.4	434,970
0800 WILDLIFE AND FISH	20	6.5	755,023	872,447	1.9	260,021
0900 CITRUS SUB TROP FRUT	91	81.5	9,790,662	10,355,903	5.2	533,134
1000 FRUIT NUTS DECIDUOUS	169	114.3	15,291,871	15,516,217	5.0	661,071
1100 POTATOES	45	34.0	4,190,091	4,227,692	0.8	115,496
1200 VEGETABLES	267	127.4	16,115,267	16,267,164	12.8	1,759,612
1300 ORNAMENTALS TURP	64	36.3	5,153,077	5,371,602	3.0	181,980
1400 CORN	205	107.7	11,647,344	12,008,511	5.3	654,367
1500 GRAIN SORGHUM	75	24.0	2,557,982	2,562,212	1.2	67,784
1600 RICE	40	20.8	2,183,482	2,233,041	0.2	31,783
1700 WHEAT	180	104.2	11,635,644	12,053,121	2.5	364,983
1800 OTHER SMALL GRAINS	87	32.8	4,069,730	4,132,103	0.5	57,634
1900 PASTURE	32	10.0	1,410,280	1,430,960	0.4	248,608
2000 FORAGE CROPS	200	110.8	13,437,929	13,784,164	7.6	1,042,594
2100 COTTON	177	188.8	26,718,876	26,964,664	2.8	327,034
2200 COTTONSEED	29	22.0	2,175,558	2,182,706	0.8	36,708
2300 SOYBEANS	190	123.4	14,235,526	14,677,309	1.5	517,275
2400 PEANUTS	58	38.0	4,013,044	4,067,318	0.3	75,658
2500 OTHER OILSEED CROPS	43	22.3	2,097,717	2,124,459	0.2	29,495
2600 TOBACCO	41	39.8	4,921,823	5,017,193	5.8	641,865
2700 SUGAR CROPS	82	54.9	8,257,988	8,368,412	1.7	172,849
2800 MISC NEW CROPS	47	32.8	4,213,945	4,927,185	1.2	132,806
2900 POULTRY	101	77.8	11,818,129	11,900,729	2.2	325,884
3000 BEEF CATTLE	259	180.3	29,111,021	29,718,838	11.9	1,461,783
3100 DAIRY CATTLE	181	102.0	19,620,167	19,885,879	5.1	1,030,184
3200 SWINE	147	98.6	17,813,280	18,793,452	5.4	731,361
3300 SHEEP AND WOOL	101	52.0	9,723,621	9,792,433	2.6	481,775
3400 OTHER ANIMALS	39	17.3	3,131,229	3,155,893	1.6	278,898
3500 BEES AND HONEY	37	30.3	3,151,895	3,156,952	1.7	220,167
3600 FARM SUPP & FACILITS	3	1.7	230,679	230,679	0.0	0
3700 CLOTHING & TEXTILES	5	3.6	281,900	281,900	0.1	22,107
3800 FOOD	73	106.6	14,301,020	15,194,701	4.5	912,172
3900 HOUSING & EQUIP	30	12.7	1,737,988	2,142,523	0.8	63,003
4000 PEOPLE AS INDIVIDUAL	74	80.6	12,846,011	13,054,293	8.6	2,902,736
4100 FAMILY MEMBERS	25	12.8	7,787,504	7,787,504	2.6	281,350
4200 FARM AS BUSINESS	3	0.1	70,216	70,216	0.1	35,337
4300 SOC POLIT ORGANIZ	1	0.1	5,730	5,730	0.1	5,730
4800 MARKETING SYSTEMS	1	0.4	89,937	89,937	0.0	0
6100 WEEDS	54	26.1	3,285,282	3,361,719	0.7	94,700
6200 SEED RESEARCH	16	10.5	1,377,861	1,483,865	0.4	50,730
6300 BIO CELL SYSTEMS	15	13.9	1,555,086	1,563,600	2.0	133,887
6400 EXP DESIGN/STAT METH	2	3.9	817,451	817,451	0.4	63,032
6500 INVERTEBRATES	88	121.3	13,515,447	14,047,607	3.4	816,498
6600 MICROORGANISMS, VIRUS	52	28.8	3,588,047	3,637,993	4.7	352,622
6700 PLANTS	221	225.8	25,569,536	26,568,672	6.6	783,419
6800 ANIMALS (VERTEBRATES)	40	37.4	5,157,858	5,436,300	1.5	275,419
6900 RESEARCH ON RSCH MGN	1	0.0	351,547	351,547	0.0	351,547
7000 RSCH EQUIP & TECHNOL	18	11.9	1,231,905	1,313,245	2.8	222,588
9900 UNCLASSIFIED	1	1.3	348,786	348,786	1.3	348,786
TOTAL	4427	3002.3	405,430,552	419,355,884	163.8	22,941,568

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COR/GY/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	3	1.1	147,547	147,547	0.1	18,415
102 SOIL PLNT NTR NUTRI	163	91.2	12,431,992	13,240,047	5.2	867,551
103 NGHT OF SALINE SOIL	10	17.4	2,422,036	2,540,529	0.2	32,941
104 ALTERN USE OF LAND	3	0.5	69,533	307,778	0.0	0
105 CONSERV USE OF WATE	104	66.8	8,812,662	9,340,384	2.8	406,410
106 DRAIN AND IRRIGATIO	62	39.5	4,716,745	5,077,420	8.7	417,586
107 WATERSHED PROT & MG	114	96.3	11,424,288	12,510,554	5.8	512,751
108 ECON LEG PROD OF NA	1	0.1	49,183	49,183	0.1	49,183
109 WEATHER ADAPT & MOD	16	8.9	1,110,323	1,167,193	1.2	49,556
110 APPRAIS FORST & BAN	1	0.0	10,642	10,642	0.0	0
111 BIOL CULT NGHT FORS	1	0.8	132,018	132,018	0.0	0
112 IMPROV RANGE RESOR	51	29.3	3,841,414	4,116,861	1.3	86,585
113 REMOTE SENSING	13	14.8	1,812,208	1,977,837	2.7	205,418
114 RSCH ON NGHT OF RSC	1	0.0	351,547	351,547	0.0	351,547
SUBTOTAL	543	366.6	47,332,138	50,969,540	28.1	2,997,944
SERIES 200						
201 CNTRL FORST INSECTS	12	7.0	761,335	773,285	3.0	212,016
204 CNTR PESTS FRT & VE	119	68.7	9,588,902	10,030,330	4.5	576,238
205 CNTR DISE FRT & VEG	156	71.4	9,744,865	9,826,077	11.1	1,277,669
206 CNTR WEEDS FRT & VE	36	10.9	1,462,435	1,462,435	1.6	193,536
207 CNTR PESTS FLD CROP	220	155.1	20,020,938	20,217,552	2.9	675,953
208 CNTR DIS FIELD CROP	217	127.7	15,437,549	15,600,640	6.1	386,515
209 CNTR WEEDS FLD CROP	125	63.2	8,214,532	8,277,320	4.0	843,451
210 CNTR PESTS ANIMALS	34	52.7	6,751,283	6,765,270	3.2	383,854
211 CNTR DIS ANIMALS	155	136.2	32,661,246	33,443,437	5.5	1,776,730
212 CNTR INTER PARASITE	28	37.0	5,754,721	5,775,738	2.5	152,545
213 PROT ANMLS FROM TOX	29	28.2	3,912,839	3,925,428	1.6	201,711
214 PROTECT FROM POLLUT	24	18.2	1,994,205	2,527,331	0.0	0
SUBTOTAL	1155	776.4	116,304,850	118,624,844	46.0	6,680,218
SERIES 300						
304 IMP BIO EFF FRT & V	108	59.4	9,125,587	9,306,142	3.3	404,025
305 MECH PROD FRT & VEG	21	9.5	1,143,306	1,179,043	0.7	28,319
306 PROD NGHT SYS F & V	3	0.8	75,867	75,867	0.3	28,651
307 IMP BIO EFF FLD CRP	314	175.9	22,985,727	24,421,383	6.6	1,006,144
308 MECH PROD FIELD CRO	46	32.6	4,901,559	5,110,466	0.4	52,371
309 PROD NGHT SYS FLD C	21	7.6	915,651	920,251	0.1	56,206
310 ANIMAL REPRODUCTION	58	39.4	7,160,911	7,177,909	1.7	378,209
311 IMP BIO EFF ANML PR	122	81.9	16,419,147	16,424,519	3.6	565,406
312 ENV STRESS IN ANML	24	9.3	1,322,778	1,325,182	1.5	246,213
313 PROD NGHT SYS ANML	16	6.9	1,017,851	1,022,288	2.3	165,958
314 BEES OTH POLLWTNG I	37	30.3	3,151,895	3,156,952	1.7	220,167
315 IMP STRUC FARM SUMP	11	3.8	560,328	732,300	0.0	0
316 FARM BUSINESS NGHT	2	0.1	35,337	35,337	0.1	35,337
317 MECH/STRUCS ANML P	12	6.7	1,163,777	1,386,212	0.0	72,684
318 NON-COM BIO TECH/BI	225	263.8	30,674,153	31,868,728	10.6	1,596,165
SUBTOTAL	1020	728.1	100,653,876	104,142,581	33.0	4,860,855
SERIES 400						
402 PROD F & V IMP ACCE	41	15.1	1,938,535	1,962,991	0.0	0
403 NEW & IMP F&V PROD	39	58.8	5,570,729	5,816,444	0.7	62,120
404 MKT QUAL FRTS & VEG	78	57.4	6,560,873	6,704,359	1.6	170,208
405 PROD FLD CROP IMP A	114	73.2	9,747,562	9,810,350	1.9	462,688
406 NEW IMP FOOD FLD CR	54	92.8	8,828,342	8,919,430	1.5	203,694
407 NEW IMP NON-FOOD FC	61	85.4	8,341,250	8,755,900	1.0	195,756
408 MKT QUAL FIELD CROP	61	43.2	4,931,840	4,993,445	0.3	264,805
409 PROD ANML PR IMP AC	9	8.2	1,161,894	1,203,569	0.0	0
410 IMP HEAT HLK EGG P	21	29.4	3,048,100	3,085,017	1.6	146,647
411 IMP NON-FOOD ANML P	13	25.1	3,062,458	3,073,614	3.8	149,060
412 MKT QUAL ANIMAL PRO	18	8.0	1,080,271	1,124,330	1.1	97,135
SUBTOTAL	509	496.6	54,271,855	55,449,450	13.5	1,752,313
SERIES 500						
501 IMP GRADES & STANDS	28	22.6	2,626,319	2,702,340	0.9	120,805
503 MKTG EFF AGRI PRODS	37	21.2	2,103,376	2,122,226	0.2	15,148
506 SPLY DEMAND AND PRI	3	1.0	133,255	133,255	0.9	122,625
509 PERFORMANCE MKTG SY	1	0.6	60,258	60,258	0.0	0
SUBTOTAL	69	45.3	4,923,208	5,018,079	2.0	258,578
SERIES 600						
603 TECH AID DEV CRTY	15	15.4	1,026,767	1,068,046	1.6	165,852
604 PRD DVLPMT/MKTG FRG	16	18.6	1,970,424	2,087,499	0.0	0
SUBTOTAL	31	34.0	2,997,190	3,155,544	1.6	165,852
SERIES 700						
701 TOX RES IN FOOD	30	47.1	5,558,243	6,487,083	0.2	41,956
702 FOOD PROT FROM TOX	89	93.4	10,236,760	10,426,050	1.5	217,076
703 FOOD CONSUMP HABITS	18	30.7	4,074,047	4,076,121	5.1	836,582
704 HOME COHN FOOD SERV	2	2.8	205,407	205,407	0.0	0
705 SEL CARE CLOTH & FE	5	3.6	281,900	281,900	0.1	22,107
706 CNTR INSECTS AFP N	24	28.0	3,624,028	3,810,818	0.5	363,740
707 TRANS ANML NUTR DI	1	0.3	54,512	54,512	0.0	0
708 HUMAN NUTRITION	103	124.3	26,440,699	26,840,572	13.6	3,141,308
709 REDUCE HAZ HLTH & S	66	74.9	9,738,676	9,847,412	7.7	655,918
SUBTOTAL	338	405.0	60,214,273	62,029,876	28.6	5,276,687
SERIES 800						
801 RURAL HOUSING	3	5.3	660,267	871,948	0.5	45,179
802 INDIV & FAN DEC MAK	6	5.7	437,614	437,614	0.0	0
803 RURAL POVERTY	1	0.1	5,730	5,730	0.1	5,730
804 ECON POTENT RURL PE	1	0.0	10,233	10,233	0.0	10,233
SUBTOTAL	11	11.1	1,113,844	1,325,525	0.6	61,142

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 900						
901 ALLEV POLLUTION	86	86.7	9,472,365	10,122,404	4.3	131,512
904 WLDLFE AND FISH ECO	12	2.5	452,686	521,346	0.7	153,554
905 TREES BEAUTIFICATIO	18	14.5	2,797,730	2,887,564	1.2	70,147
906 ORNAMENT & TURF DEV	57	34.2	4,547,751	4,760,345	3.0	181,980
990 UNCLASSIFIED	1	1.3	348,786	348,786	1.3	348,786
SUBTOTAL	174	139.2	17,619,319	18,640,445	10.5	885,979
SCIENCE IN SERV OF MAN						
GRAND TOTAL	3850	3002.3	405,430,552	419,355,884	163.8	22,941,568

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - COOPERATIVE STATE RES SER CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAKS AMOUNT 1981
0100 SOIL AND LAND	17	0.0	868,866	868,866	0.0	868,866
0200 WATER	10	0.0	177,790	177,790	0.0	177,790
0300 WATERSHEDS RIVER BAS	4	0.0	88,363	88,363	0.0	88,363
0400 AIR AND CLIMATE	2	0.0	31,480	31,480	0.0	31,480
0600 TIMBER FORST PRODUCT	8	0.0	449,488	449,488	0.0	449,488
0700 RANGE	8	0.0	718,779	718,779	0.0	718,779
0800 WILDLIFE AND FISH	13	0.0	707,368	707,368	0.0	707,368
0900 CITRUS SUB TROP FRUT	1	0.0	1,702	1,702	0.0	1,702
1000 FRUIT NUTS DECIDUOUS	11	0.0	1,288,272	1,288,272	0.0	1,288,272
1100 POTATOES	3	0.0	99,989	99,989	0.0	99,989
1200 VEGETABLES	15	0.0	593,037	593,037	0.0	593,037
1300 ORNAMENTALS TURF	1	0.0	634	634	0.0	634
1400 CORN	5	0.0	118,100	118,100	0.0	118,100
1500 GRAIN SORGHUM	2	0.0	17,710	17,710	0.0	17,710
1600 RICE	1	0.0	2,589	2,589	0.0	2,589
1700 WHEAT	6	0.0	294,823	294,823	0.0	294,823
1800 OTHER SMALL GRAINS	4	0.0	88,369	88,369	0.0	88,369
1900 PASTURE	2	0.0	888	888	0.0	888
2000 FORAGE CROPS	4	0.0	449,178	449,178	0.0	449,178
2100 COTTON	4	0.0	380,937	380,937	0.0	380,937
2300 SOYBEANS	9	0.0	1,097,539	1,097,539	0.0	1,097,539
2500 OTHER OILSEED CROPS	2	0.0	82,135	82,135	0.0	82,135
2600 TOBACCO	1	0.0	24,000	24,000	0.0	24,000
2700 SUGAR CROPS	8	0.0	183,160	183,160	0.0	183,160
2800 MISC NEW CROPS	11	0.0	630,081	630,081	0.0	630,081
2900 POULTRY	11	0.0	530,327	530,327	0.0	530,327
3000 BEEF CATTLE	23	0.0	1,820,472	1,820,472	0.0	1,820,472
3100 DAIRY CATTLE	21	0.0	1,309,792	1,309,792	0.0	1,309,792
3200 SWINE	8	0.0	556,834	556,834	0.0	556,834
3300 SHEEP AND WOOL	4	0.0	315,320	315,320	0.0	315,320
3400 OTHER ANIMALS	4	0.0	96,000	96,000	0.0	96,000
3500 BEES AND HONEY	1	0.0	39,695	39,695	0.0	39,695
3600 FARM SUPP & FACILITS	2	0.0	73,194	73,194	0.0	73,194
3800 FOOD	4	0.0	287,887	287,887	0.0	287,887
3900 HOUSING & EQUIP	6	0.0	441,460	441,460	0.0	441,460
4000 PEOPLE AS INDIVIDUAL	3	0.0	53,545	53,545	0.0	53,545
4100 FAMILY MEMBERS	1	0.0	14,550	14,550	0.0	14,550
4300 SOC POLIT ORGANIZ	3	0.0	156,413	156,413	0.0	156,413
4400 AGRIC ECONOMY U S	1	0.0	58,200	58,200	0.0	58,200
4800 MARKETING SYSTEMS	1	0.0	14,550	14,550	0.0	14,550
6100 WEEDS	2	0.0	4,529	4,529	0.0	4,529
6300 BIO CELL SYSTEMS	2	0.0	74,500	74,500	0.0	74,500
6500 INVERTEBRATES	1	0.0	1,842	1,842	0.0	1,842
6600 MICROORGANISMS, VIRUS	7	0.0	400,942	400,942	0.0	400,942
6700 PLANTS	57	0.0	2,333,944	2,333,944	0.0	2,333,944
6800 ANIMALS (VERTEBRATES)	27	0.0	314,430	314,430	0.0	314,430
7000 RSCH EQUIP & TECHNOL	2	0.0	50,078	50,078	0.0	50,078
TOTAL	343	0.0	17,343,779	17,343,779	0.0	17,343,779

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- COOPERATIVE STATE RES SER

CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GRCS) 1981	USDA CON/ST/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
102 SOIL FLWT WTR NUTRI	5	0.0	260,755	260,755	0.0	260,755
103 HGHT OF SALINE SOIL	1	0.0	51,900	51,900	0.0	51,900
104 ALTERN USE OF LAND	3	0.0	168,816	168,816	0.0	168,816
105 CONSERV USE OF WATE	7	0.0	234,608	234,608	0.0	234,608
106 DRAIN AND IRRIGATIO	1	0.0	28,720	28,720	0.0	28,720
107 WATERSHED PROT & HG	5	0.0	354,730	354,730	0.0	354,730
109 WEATHER ADAPT & MOD	1	0.0	28,360	28,360	0.0	28,360
110 APPRAIS FORST & RAN	4	0.0	276,514	276,514	0.0	276,514
111 BIOL CULT HGHT FORS	1	0.0	9,588	9,588	0.0	9,588
112 IMPROV RANGE RESOR	3	0.0	240,870	240,870	0.0	240,870
113 REMOTE SENSING	1	0.0	37,678	37,678	0.0	37,678
SUBTOTAL	32	0.0	1,692,537	1,692,537	0.0	1,692,537
SERIES 200						
201 CTRL FORST INSECTS	1	0.0	1,514	1,514	0.0	1,514
202 CONTROL FOREST DIS	1	0.0	1,514	1,514	0.0	1,514
204 CTR PESTS FRT & VE	9	0.0	417,841	417,841	0.0	417,841
205 CTR DISE FRT & VEG	11	0.0	328,394	328,394	0.0	328,394
206 CTR WEEDS FRT & VE	4	0.0	38,734	38,734	0.0	38,734
207 CTR PESTS FLD CROP	7	0.0	868,058	868,058	0.0	868,058
208 CTR DIS FIELD CROP	15	0.0	783,673	783,673	0.0	783,673
209 CTR WEEDS FLD CROP	9	0.0	175,148	175,148	0.0	175,148
210 CONTR PESTS ANIMALS	2	0.0	4,324	4,324	0.0	4,324
211 CONTR DIS ANIMALS	44	0.0	3,469,465	3,469,465	0.0	3,469,465
212 CTR INTER PARASITE	4	0.0	235,831	235,831	0.0	235,831
213 PROT ANHLS FROM TOX	1	0.0	56,728	56,728	0.0	56,728
214 PROTECT FROM POLLUT	10	0.0	1,065,794	1,065,794	0.0	1,065,794
SUBTOTAL	118	0.0	7,447,018	7,447,018	0.0	7,447,018
SERIES 300						
304 INP BIO EFF FRT & V	6	0.0	399,820	399,820	0.0	399,820
305 HECH PROD FRT & VEG	1	0.0	2,425	2,425	0.0	2,425
306 PROD HGHT SYS P & V	3	0.0	49,333	49,333	0.0	49,333
307 INP BIO EFF FLD CRP	14	0.0	749,197	749,197	0.0	749,197
308 HECH PROD FIELD CRO	3	0.0	67,760	67,760	0.0	67,760
309 PROD HGHT SYS FLD C	8	0.0	381,357	381,357	0.0	381,357
310 ANIMAL REPRODUCTION	3	0.0	426,416	426,416	0.0	426,416
311 INP BIO EFF ANHL PR	5	0.0	316,436	316,436	0.0	316,436
312 ENV STRESS IN ANHL	1	0.0	63,023	63,023	0.0	63,023
314 BEES OTH POLLWTNG I	1	0.0	39,695	39,695	0.0	39,695
315 INP STRUC FARM SUPP	6	0.0	490,050	490,050	0.0	490,050
318 NON-COH BIO TECH/BI	9	0.0	560,761	560,761	0.0	560,761
SUBTOTAL	60	0.0	3,546,272	3,546,272	0.0	3,546,272
SERIES 400						
401 NEW INP FOREST PROD	6	0.0	436,372	436,372	0.0	436,372
402 PROD P & V INP ACCR	2	0.0	212,425	212,425	0.0	212,425
403 NEW & INP F&V PROD	4	0.0	200,790	200,790	0.0	200,790
404 HKT QUAL FRTS & VEG	1	0.0	25,000	25,000	0.0	25,000
407 NEW INP NON-FOOD FC	10	0.0	550,310	550,310	0.0	550,310
409 PROD ANHL PR INP AC	1	0.0	28,358	28,358	0.0	28,358
410 INP MEAT MILK EGG P	1	0.0	13,504	13,504	0.0	13,504
412 HKT QUAL ANIMAL PRO	1	0.0	25,658	25,658	0.0	25,658
SUBTOTAL	26	0.0	1,492,417	1,492,417	0.0	1,492,417
SERIES 500						
507 COMP REL IN AGRIC	1	0.0	29,100	29,100	0.0	29,100
509 PERFORMANCE MKTG SY	1	0.0	43,650	43,650	0.0	43,650
510 GROUP ACT HKT POWER	1	0.0	14,550	14,550	0.0	14,550
SUBTOTAL	3	0.0	87,300	87,300	0.0	87,300
SERIES 700						
701 TOX RES IN FOOD	44	0.0	1,920,055	1,920,055	0.0	1,920,055
SUBTOTAL	44	0.0	1,920,055	1,920,055	0.0	1,920,055
SERIES 800						
802 INDIV & FAN DEC MAK	1	0.0	14,550	14,550	0.0	14,550
803 RURAL POVERTY	1	0.0	14,550	14,550	0.0	14,550
806 ADJUSTMENT TO CHANG	1	0.0	14,550	14,550	0.0	14,550
807 AGRIC ECONOMIC CHAN	1	0.0	58,200	58,200	0.0	58,200
SUBTOTAL	4	0.0	101,850	101,850	0.0	101,850
SERIES 900						
901 ALLEV POLLUTION	10	0.0	241,748	241,748	0.0	241,748
904 WLDLFE AND FISH ECO	11	0.0	639,348	639,348	0.0	639,348
906 ORNAMENT & TURF DEV	1	0.0	634	634	0.0	634
907 RURAL INCOME IMP	2	0.0	50,925	50,925	0.0	50,925
908 RURAL INSTITUT INP	3	0.0	123,675	123,675	0.0	123,675
SUBTOTAL	27	0.0	1,056,330	1,056,330	0.0	1,056,330
SCIENCE IN SERV OF MAN						
GRAND TOTAL	314	0.0	17,343,779	17,343,779	0.0	17,343,779

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	2	0.0	138,000	138,000	0.0	0
0600 TIMBER FORST PRODUCT	1	0.0	80,000	80,000	0.0	0
0700 RANGE	1	0.0	75,000	75,000	0.0	0
0900 CITRUS SUB TROP FRUT	1	0.0	65,000	65,000	0.0	0
1000 FRUIT NUTS DECIDUOUS	1	0.0	40,000	40,000	0.0	0
1100 POTATOES	3	0.0	230,000	230,000	0.0	0
1200 VEGETABLES	12	0.0	733,000	733,000	0.0	0
1400 CORN	11	0.0	709,000	709,000	0.0	0
1700 WHEAT	5	0.0	257,600	257,600	0.0	0
1800 OTHER SMALL GRAINS	1	0.0	70,000	70,000	0.0	0
2000 FORAGE CROPS	3	0.0	319,000	319,000	0.0	0
2100 COTTON	2	0.0	92,000	92,000	0.0	0
2300 SOYBEANS	5	0.0	404,000	404,000	0.0	0
2400 PEANUTS	1	0.0	50,000	50,000	0.0	0
2700 SUGAR CROPS	1	0.0	57,000	57,000	0.0	0
2800 MISC NEW CROPS	1	0.0	80,000	80,000	0.0	0
3800 FOOD	28	0.0	2,910,000	2,910,000	0.0	0
6100 WEEDS	1	0.0	80,000	80,000	0.0	0
6300 BIO CELL SYSTEMS	7	0.0	350,080	350,080	0.0	0
6500 INVERTEBRATES	2	0.0	118,000	118,000	0.0	0
6600 MICROORGANISMS, VIRUS	40	0.0	2,743,300	2,743,300	0.0	0
6700 PLANTS	85	0.0	5,762,020	5,762,020	0.0	0
TOTAL	214	0.0	15,363,000	15,363,000	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
102 SOIL PLMT WTR NUTRI	3	0.0	159,000	159,000	0.0	0
SUBTOTAL	3	0.0	159,000	159,000	0.0	0
SERIES 200						
204 CNTR PESTS FRT & VE	7	0.0	405,000	405,000	0.0	0
205 CNTR DISE FRT & VEG	15	0.0	940,500	940,500	0.0	0
206 CNTR WEEDS FRT & VE	2	0.0	160,000	160,000	0.0	0
207 CNTR PESTS FLD CROP	8	0.0	461,000	461,000	0.0	0
208 CNTR DIS FIELD CROP	13	0.0	795,000	795,000	0.0	0
209 CNTR WEEDS FLD CROP	1	0.0	75,000	75,000	0.0	0
SUBTOTAL	46	0.0	2,836,500	2,836,500	0.0	0
SERIES 300						
301 GENET BREED FORST T	1	0.0	80,000	80,000	0.0	0
304 IMP BIO EFF FRT & V	5	0.0	391,000	391,000	0.0	0
307 IMP BIO EFF FLD CRP	17	0.0	1,307,100	1,307,100	0.0	0
318 NON-COM BIO TECH/BI	108	0.0	7,636,900	7,636,900	0.0	0
SUBTOTAL	131	0.0	9,415,000	9,415,000	0.0	0
SERIES 700						
701 TOX RES IN FOOD	1	0.0	42,500	42,500	0.0	0
708 HUMAN NUTRITION	28	0.0	2,910,000	2,910,000	0.0	0
SUBTOTAL	29	0.0	2,952,500	2,952,500	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	209	0.0	15,363,000	15,363,000	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	22	22.8	1,565,280	1,619,280	0.0	0
0200 WATER	27	34.4	2,616,960	2,686,960	0.0	0
0300 WATERSHEDS RIVER BAS	3	44.4	2,328,320	2,328,320	0.0	0
0400 AIR AND CLIMATE	3	0.2	17,500	35,500	0.0	0
0500 RECREATION RESOURCES	3	0.2	17,500	35,500	0.0	0
0600 TIMBER FORST PRODUCT	1	1.1	0	60,000	0.0	0
0700 RANGE	5	1.3	96,440	132,440	0.0	0
0800 WILDLIFE AND FISH	1	0.2	17,850	17,850	0.0	0
0900 CITRUS SUB TROP FRUIT	3	0.6	47,800	47,800	0.0	0
1000 FRUIT NUTS DECIDUOUS	6	3.2	238,800	238,800	0.0	0
1100 POTATOES	2	2.0	110,800	110,800	0.0	0
1200 VEGETABLES	6	3.4	244,200	244,200	0.0	0
1400 CORN	6	5.2	434,240	434,240	0.0	0
1500 GRAIN SORGHUM	4	1.5	133,320	133,320	0.0	0
1600 RICE	4	1.5	133,320	133,320	0.0	0
1700 WHEAT	5	3.8	317,790	317,790	0.0	0
1800 OTHER SMALL GRAINS	5	1.9	162,920	162,920	0.0	0
2100 COTTON	5	6.6	559,900	559,900	0.0	0
2300 SOYBEANS	6	4.2	353,710	353,710	0.0	0
2400 PEANUTS	4	1.3	120,600	120,600	0.0	0
2500 OTHER OILSEED CROPS	4	1.0	91,000	91,000	0.0	0
2600 TOBACCO	3	0.8	76,200	76,200	0.0	0
2700 SUGAR CROPS	6	6.4	436,150	436,150	0.0	0
2800 MISC NEW CROPS	3	3.3	247,250	247,250	0.0	0
2900 POULTRY	4	1.9	176,800	176,800	0.0	0
3000 BEEF CATTLE	5	11.4	1,084,550	1,129,550	0.0	0
3100 DAIRY CATTLE	2	1.8	165,000	165,000	0.0	0
3200 SWINE	5	7.7	737,950	767,950	0.0	0
3300 SHEEP AND WOOL	2	0.7	59,850	59,850	0.0	0
3600 FARM SUPP & FACILITS	8	4.1	499,000	499,000	0.0	0
3800 FOOD	3	16.5	1,348,000	1,348,000	0.0	0
4000 PEOPLE AS INDIVIDUAL	13	20.3	1,903,250	1,903,250	0.0	0
4100 FAMILY MEMBERS	7	14.8	1,839,750	1,839,750	0.0	0
4200 FARM AS BUSINESS	2	3.8	347,700	347,700	0.0	0
4300 SOC POLIT ORGANIZ	29	24.2	1,889,000	2,125,000	0.0	0
4400 AGRIC ECONOMY U S	27	78.6	9,761,300	10,587,300	0.0	0
4500 AGRIC ECONOMY FORGN	97	122.8	8,192,000	8,192,000	0.0	0
4600 FARM COOPERATIVES	1	7.0	628,000	628,000	0.0	0
4800 MARKETING SYSTEMS	4	20.3	2,196,000	2,283,000	0.0	0
6700 PLANTS	9	12.7	1,655,590	1,668,130	0.0	0
6800 ANIMALS (VERTEBRATES)	9	3.5	441,410	447,870	0.0	0
TOTAL	364	503.2	43,293,000	44,792,000	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- ECONOMIC RESEARCH SERVICE

BRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG PRD APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/ST/CA SYS 1981	WITH SABS AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	2	1.5	122,400	122,400	0.0	0
104 ALTERN USE OF LAND	17	18.3	1,384,180	1,438,180	0.0	0
105 CONSERV USE OF WATE	14	11.7	1,023,740	1,059,740	0.0	0
106 DRAIN AND IRRIGATIO	2	0.7	58,140	58,140	0.0	0
107 WATERSHED PROT & MG	5	2.5	201,140	201,140	0.0	0
108 ECON LEG PROB OF WA	5	46.4	2,519,960	2,519,960	0.0	0
110 APPRAIS FORST & SAN	5	1.3	96,440	132,440	0.0	0
SUBTOTAL	50	82.5	5,406,000	5,532,000	0.0	0
SERIES 200						
204 CNTR PESTS FRT & VE	9	5.6	732,430	735,470	0.0	0
205 CNTR DISE FRT & VEG	9	3.8	502,640	505,680	0.0	0
206 CNTR WEEDS FRT & VE	9	3.3	420,520	426,980	0.0	0
210 CNTR PESTS ANIMALS	9	2.4	314,710	317,940	0.0	0
211 CNTR DIS ANIMALS	9	1.0	126,700	129,930	0.0	0
SUBTOTAL	45	16.2	2,097,000	2,116,000	0.0	0
SERIES 300						
309 PROD MGMT SYS PLD C	1	2.0	178,000	178,000	0.0	0
313 PROD MGMT SYS ANHL	1	5.1	420,000	420,000	0.0	0
SUBTOTAL	2	7.1	598,000	598,000	0.0	0
SERIES 500						
503 MKTG EFF AGRI PRODS	7	9.1	952,000	1,752,000	0.0	0
506 SPLY DEMAND AND PRI	23	56.8	4,572,000	4,572,000	0.0	0
507 COMP REL IN AGRIC	1	1.4	70,000	70,000	0.0	0
509 PERFORMANCE MKTG SY	8	40.2	3,852,000	3,939,000	0.0	0
513 PRICE ANAL PRST PRO	1	1.1	0	60,000	0.0	0
SUBTOTAL	40	108.6	9,446,000	10,393,000	0.0	0
SERIES 600						
601 FGH RKT DEVELP	96	121.7	8,095,000	8,095,000	0.0	0
602 EVAL FGH FOOD AID P	1	1.1	97,000	97,000	0.0	0
603 TECH AID DEV CRTY	4	5.2	82,000	82,000	0.0	0
SUBTOTAL	101	128.0	8,274,000	8,274,000	0.0	0
SERIES 700						
703 FOOD CONSUMP HABITS	2	11.0	841,000	841,000	0.0	0
704 HOME CORN FOOD SERV	1	3.1	398,000	398,000	0.0	0
SUBTOTAL	3	14.1	1,239,000	1,239,000	0.0	0
SERIES 800						
801 RURAL HOUSING	5	2.6	379,000	379,000	0.0	0
804 ECON POTENT RURL PE	6	19.5	2,022,000	2,022,000	0.0	0
806 ADJUSTMENT TO CHANG	6	11.5	1,125,000	1,125,000	0.0	0
807 AGRIC ECONOMIC CHAN	15	49.1	7,480,000	7,581,000	0.0	0
808 GOV'T PROGRAMS	8	24.2	2,184,000	2,184,000	0.0	0
SUBTOTAL	40	106.9	13,190,000	13,291,000	0.0	0
SERIES 900						
901 ALLEV POLLUTION	8	15.4	1,136,500	1,188,500	0.0	0
902 OUTDOOR RECREATION	3	0.2	17,500	35,500	0.0	0
907 RURAL INCOME IMP	11	11.8	898,500	998,500	0.0	0
908 RURAL INSTITUT IMP	20	12.4	990,500	1,126,500	0.0	0
SUBTOTAL	42	39.8	3,043,000	3,349,000	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	323	503.2	43,293,000	44,792,000	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981	FS
0100 SOIL AND LAND	4	10.9	1,458,100	1,609,290	0.0	0	
0200 WATER	4	8.8	947,250	1,090,265	0.0	0	
0300 WATERSHEDS RIVER BAS	28	79.5	9,172,650	10,491,920	0.0	0	
0400 AIR AND CLIMATE	3	6.5	695,000	721,350	0.0	0	
0500 RECREATION RESOURCES	16	32.8	4,146,450	4,458,700	0.0	0	
0600 TIMBER FORST PRODUCT	189	701.4	88,685,880	93,700,435	0.0	0	
0700 RANGE	27	39.4	5,056,000	5,300,570	0.0	0	
0800 WILDLIFE AND FISH	34	64.0	7,875,870	8,395,530	0.0	0	
3900 HOUSING & EQUIP	4	15.0	1,716,300	1,803,540	0.0	0	
TOTAL	309	958.2	119,753,500	127,571,600	0.0	0	

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981	FS
SERIES 100							
102 SOIL PLNT NTR NUTRI	1	2.0	125,600	136,440	0.0	0	
105 CONSERV USE OF WATE	1	1.0	161,000	196,950	0.0	0	
107 WATERSHED PROT & MG	29	86.7	9,850,700	11,310,720	0.0	0	
108 ECON LEG PROB OF WA	1	2.8	398,000	398,000	0.0	0	
110 APPRAIS FORST & RAN	16	66.8	12,057,100	12,757,700	0.0	0	
111 BIOL CULT NGHT FORS	58	191.5	20,186,230	21,617,087	0.0	0	
112 IMPROV RANGE RESOR	7	15.2	2,141,700	2,301,360	0.0	0	
SUBTOTAL	113	365.9	44,920,330	48,718,257	0.0	0	
SERIES 200							
201 CTRL FORST INSECTS	32	91.9	11,536,650	11,867,973	0.0	0	
202 CONTROL FOREST DIS	24	57.1	9,218,000	9,582,825	0.0	0	
203 FOREST FIRE PROTECT	17	67.1	7,343,800	8,238,490	0.0	0	
207 CWTE PESTS FLD CROP	2	1.2	144,800	144,800	0.0	0	
208 CWTR DIS FELD CROP	1	0.7	81,800	81,800	0.0	0	
214 PROTECT FROM POLLUT	2	6.8	1,122,500	1,230,450	0.0	0	
SUBTOTAL	78	224.7	29,447,550	31,146,338	0.0	0	
SERIES 300							
301 GENET BREED FORST T	15	46.6	4,767,950	5,150,810	0.0	0	
302 IMP FOREST ENG SYS	5	17.5	2,494,250	2,634,250	0.0	0	
303 ECON TIMBER PRODUCT	6	13.1	1,211,000	1,315,065	0.0	0	
SUBTOTAL	26	77.2	8,473,200	9,100,125	0.0	0	
SERIES 400							
401 NEW IMP FOREST PROD	26	110.2	15,458,800	15,934,900	0.0	0	
SUBTOTAL	26	110.2	15,458,800	15,934,900	0.0	0	
SERIES 500							
502 HKTG TIMBER PRODUCT	7	24.7	2,336,600	2,396,140	0.0	0	
512 IMP GRADES FRST PRO	2	8.0	970,000	994,600	0.0	0	
513 PRICE ANAL FRST PRO	3	5.2	704,200	727,840	0.0	0	
SUBTOTAL	12	37.8	4,010,800	4,118,580	0.0	0	
SERIES 600							
601 PGM HKT DEVELP	1	2.0	188,000	213,000	0.0	0	
SUBTOTAL	1	2.0	188,000	213,000	0.0	0	
SERIES 800							
801 RURAL HOUSING	2	5.5	628,500	632,700	0.0	0	
SUBTOTAL	2	5.5	628,500	632,700	0.0	0	
SERIES 900							
901 ALLEV POLLUTION	9	16.0	2,125,450	2,263,220	0.0	0	
902 OUTDOOR RECREATION	12	23.3	2,411,950	2,616,250	0.0	0	
903 MULTI-USE-FOREST PO	17	37.4	5,056,400	5,350,840	0.0	0	
904 WDLFE AND FISH ECO	25	56.1	6,779,020	7,223,890	0.0	0	
905 TREES BEAUTIFICATIO	2	2.3	253,500	253,500	0.0	0	
SUBTOTAL	65	135.0	16,626,320	17,707,700	0.0	0	
SCIENCE IN SRV OF MAN GRAND TOTAL	323	958.2	119,753,500	127,571,600	0.0	0	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NAT TOT SAKS-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GR/CA SYS 1981	WITH SAKS AMOUNT 1981
0100 SOIL AND LAND	1175	367.9	7,006,591	44,150,217	*	2,432,287
0200 WATER	688	199.6	3,085,686	23,112,478	*	1,675,459
0300 WATERSHEDS RIVER BAS	152	38.2	568,149	4,482,041	*	335,505
0400 AIR AND CLIMATE	133	48.7	732,344	7,587,069	*	307,974
0500 RECREATION RESOURCES	162	45.9	662,573	4,085,104	*	482,193
0600 TIMBER FORST PRODUCT	1501	545.8	10,515,753	60,048,946	*	5,578,815
0700 RANGE	281	84.9	1,251,172	9,357,719	*	616,856
0800 WILDLIFE AND FISH	699	205.9	3,133,083	29,168,702	*	2,051,879
0900 CITRUS SUB TROP FRUT	280	131.2	1,120,540	15,355,693	*	372,226
1000 FRUIT NUTS DECIDUOUS	1016	348.0	6,747,475	43,191,327	*	939,532
1100 POTATOES	297	82.7	1,743,743	10,131,198	*	611,833
1200 VEGETABLES	1370	442.1	9,805,831	52,430,089	*	1,801,277
1300 ORNAMENTALS TURF	611	225.0	3,786,271	23,192,032	*	173,489
1400 CORN	917	208.0	5,063,816	27,595,346	*	1,284,711
1500 GRAIN SORGHUM	329	66.9	975,252	8,243,877	*	738,993
1600 RICE	126	44.0	421,323	5,161,199	*	80,188
1700 WHEAT	664	161.1	2,808,596	19,980,148	*	1,222,053
1800 OTHER SMALL GRAINS	413	79.1	1,874,839	11,017,643	*	466,529
1900 PASTURE	157	31.4	744,539	4,446,402	*	310,840
2000 FORAGE CROPS	906	256.5	6,412,649	33,527,247	*	1,401,206
2100 COTTON	379	141.4	2,513,718	17,099,875	*	724,949
2200 COTTONSEED	21	5.1	82,116	530,363	*	51,600
2300 SOYBEANS	904	237.7	6,172,914	30,541,363	*	1,635,528
2400 PEANUTS	159	42.4	674,855	5,603,094	*	226,827
2500 OTHER OILSEED CROPS	139	32.2	424,117	3,973,329	*	231,755
2600 TOBACCO	157	61.7	1,085,489	8,031,234	*	168,604
2700 SUGAR CROPS	172	51.6	985,601	6,397,981	*	191,631
2800 MISC NEW CROPS	159	32.8	1,041,065	4,349,938	*	170,094
2900 POULTRY	740	236.9	7,315,723	33,131,563	*	955,040
3000 BEEF CATTLE	1361	426.4	13,873,158	80,815,177	*	3,809,185
3100 DAIRY CATTLE	1149	318.5	10,535,996	56,635,964	*	2,787,262
3200 SWINE	609	176.7	6,487,573	33,380,921	*	1,406,828
3300 SHEEP AND WOOL	353	88.4	2,434,742	12,607,389	*	585,865
3400 OTHER ANIMALS	395	107.8	2,731,704	14,052,197	*	858,010
3500 BEES AND HONEY	46	17.3	203,438	1,673,994	*	158,334
3600 FARM SUPP & FACILITS	102	24.1	485,461	3,467,663	*	123,272
3700 CLOTHING & TEXTILES	67	18.4	467,195	1,554,160	*	43,556
3800 FOOD	502	162.1	4,566,651	20,399,291	*	1,403,005
3900 HOUSING & EQUIP	221	59.9	869,669	6,445,188	*	381,363
4000 PEOPLE AS INDIVIDUAL	656	192.8	4,867,097	21,149,585	*	1,469,435
4100 FAMILY MEMBERS	278	82.3	2,222,691	7,283,103	*	329,721
4200 FARM AS BUSINESS	221	71.6	1,793,827	6,065,115	*	406,579
4300 SOC POLIT ORGANIZ	412	119.5	3,453,347	11,370,778	*	756,673
4400 AGRIC ECONOMY U S	135	45.8	774,428	4,243,883	*	448,387
4500 AGRIC ECONOMY FORGM	31	9.0	51,323	1,039,245	*	356,282
4600 FARM COOPERATIVES	35	6.7	140,498	522,918	*	63,821
4700 OTH MARKET PROCESS	36	8.1	109,070	783,495	*	74,074
4800 MARKETING SYSTEMS	102	30.7	727,186	2,649,308	*	278,276
6100 WEEDS	60	11.7	196,122	1,400,620	*	234,289
6200 SEED RESEARCH	41	12.4	98,696	1,475,739	*	54,788
6300 BIO CELL SYSTEMS	254	101.8	1,159,081	13,118,849	*	228,448
6400 EXP DESIGN/STAT METH	80	26.8	243,183	3,592,413	*	758,252
6500 INVERTEBRATES	289	110.4	1,256,135	12,236,210	*	206,623
6600 MICROORGANISMS, VIRUS	273	89.7	1,312,488	12,133,693	*	316,996
6700 PLANTS	761	243.0	3,758,821	34,750,973	*	3,434,825
6800 ANIMALS (VERTEBRATES)	430	160.9	1,818,170	23,061,959	*	770,750
6900 RESEARCH ON RSCH MGH	38	16.1	169,776	2,430,069	*	82,296
7000 RSCH EQUIP & TECHNOL	118	31.9	297,318	3,865,585	*	263,502
9900 UNCLASSIFIED	52	8.7	2,075,456	2,558,169	*	348,412
TOTAL	23814	7234.3	157,936,123	942,686,870	*	49,678,184

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG PRD APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	219	79.8	1,189,722	9,446,890	*	256,669
102 SOIL PLNT WTR NUTRI	651	202.5	4,217,216	24,760,723	*	1,257,211
103 HGHT OF SALINE SOIL	62	16.5	185,379	2,074,606	*	101,281
104 ALTERN USE OF LAND	191	57.2	1,000,617	5,430,954	*	478,592
105 CONSERV USE OF WATE	289	85.3	1,124,512	9,064,549	*	986,197
106 DRAIN AND IRRIGATIO	137	37.5	542,770	4,715,450	*	396,813
107 WATERSHED PROT & MG	195	60.3	840,666	7,008,430	*	756,651
108 ECON LEG PROB OF WA	42	18.9	120,667	2,093,701	*	70,369
109 WEATHER ADAPT & HD	136	52.7	889,385	7,836,876	*	382,441
110 APPRAIS FORST & MAN	157	30.6	546,655	3,616,425	*	518,586
111 BIOL CULT HGHT FORS	492	149.5	3,021,564	15,882,506	*	1,385,299
112 IMPROV WANGE RESOR	178	56.8	829,932	6,259,452	*	216,893
113 REMOTE SENSING	60	14.8	178,201	1,962,645	*	280,391
114 RSCH ON HGHT OF RSC	36	14.2	169,776	2,087,279	*	71,505
SUBTOTAL	2845	876.4	14,857,062	103,040,487	*	7,158,897
SERIES 200						
201 CNTRL FORST INSECTS	212	53.1	1,104,901	6,512,018	*	1,046,968
202 CONTROL FOREST DIS	147	41.5	1,110,688	4,438,055	*	325,257
203 FOREST FIRE PROTECT	13	2.2	11,929	212,932	*	20,183
204 CNTR PRSTS FRT & VE	422	134.8	2,094,777	16,062,160	*	942,304
205 CNTR DISE FRT & VEG	738	239.8	3,738,973	28,819,055	*	1,143,285
206 CNTR WEEDS FRT & VE	179	42.3	812,800	5,705,008	*	297,660
207 CNTR PRSTS PLD CROP	567	190.1	4,068,410	22,556,184	*	1,301,010
208 CNTR DIS FIELD CROP	755	231.7	4,877,082	26,691,896	*	1,269,842
209 CNTR WEEDS PLD CROP	330	105.0	2,249,992	14,735,288	*	753,852
210 CNTR PESTS ANIMALS	134	34.9	826,722	4,457,825	*	606,173
211 CNTR DIS ANIMALS	824	309.4	7,997,725	43,464,706	*	4,543,334
212 CNTR INTR PARASITE	107	31.1	904,992	4,594,203	*	457,746
213 PROT ANHL FROM TOX	121	32.6	693,156	4,913,275	*	482,241
214 PROTECT FROM POLLUT	240	56.8	1,042,726	9,189,877	*	1,134,597
SUBTOTAL	4789	1505.5	31,534,873	191,544,482	*	14,324,450
SERIES 300						
301 GENET BREED FORST T	132	48.8	1,378,903	5,911,231	*	384,994
302 INP FORST ENG SYS	38	14.8	192,426	1,740,949	*	199,346
303 ECON TIMBER PRODUCT	61	19.6	325,630	2,219,456	*	341,228
304 INP BIO EFF FRT & V	1041	328.6	6,942,780	42,619,350	*	814,777
305 HECH PROD FRT & VEG	134	31.9	784,276	3,728,194	*	54,449
306 PROD HGHT SYS F & V	105	23.3	367,092	2,405,940	*	125,753
307 INP BIO EFF PLD CRP	1583	623.2	12,297,809	86,961,542	*	3,591,331
308 HECH PROD FIELD CRO	97	29.2	632,979	3,647,293	*	122,718
309 PROD HGHT SYS PLD C	296	75.2	1,717,967	10,583,533	*	343,435
310 ANIMAL REPRODUCTION	489	186.9	6,656,353	33,263,300	*	697,978
311 INP BIO EFF ANHL PR	1234	467.6	15,328,531	99,675,230	*	1,934,193
312 ENV STRESS IN ANHL	189	49.6	1,293,087	8,072,287	*	283,077
313 PROD HGHT SYS ANHL	294	68.8	2,147,840	12,065,737	*	325,113
314 BEES OTH POLLINNG I	46	17.3	203,438	1,673,994	*	158,334
315 INP STRUC FARM SUPP	148	40.7	683,779	6,074,783	*	415,102
316 FARM BUSINESS HGHT	153	54.7	1,202,740	4,497,076	*	375,628
317 HECH/STRUCTS ANHL P	74	16.8	316,490	2,057,804	*	47,683
318 NON-COM BIO TECH/BI	1101	455.5	5,224,169	56,517,894	*	1,187,654
SUBTOTAL	7215	2552.5	57,695,488	383,715,593	*	11,402,593
SERIES 400						
401 NEW INP FOREST PROD	200	109.1	1,456,618	11,389,100	*	691,666
402 PROD F & V INP ACCE	275	61.8	956,482	7,231,305	*	127,066
403 NEW & INP F&V PROD	186	61.0	1,230,535	6,600,875	*	119,717
404 HKT QUAL FRTS & VEG	167	48.6	1,211,737	6,202,730	*	64,559
405 PROD PLD CROP INP A	273	77.8	1,843,181	10,334,317	*	470,486
406 NEW INP FOOD PLD CR	140	42.1	934,594	5,140,726	*	59,792
407 NEW INP NON-FOOD FC	82	22.6	615,951	3,053,171	*	60,986
408 HKT QUAL FIELD CROP	102	20.5	468,692	2,459,274	*	257,968
409 PROD ANHL PR INP AC	171	40.3	2,243,142	7,159,973	*	291,178
410 INP HEAT MILK EGG P	260	78.0	2,028,104	10,166,119	*	90,361
411 INP NON-FOOD ANHL P	28	7.4	213,840	832,275	*	134,694
412 HKT QUAL ANIMAL PRO	111	27.6	785,228	3,276,119	*	83,531
SUBTOTAL	1995	596.6	13,988,105	73,845,985	*	2,452,005
SERIES 500						
501 INP GRADES & STANDS	63	19.5	438,443	1,945,695	*	31,334
502 HKTG TIMBER PRODUCT	35	9.2	174,078	770,175	*	80,411
503 HKTG EFF AGRI PRDTS	201	58.9	1,391,429	4,852,475	*	419,577
506 SPLY DEMAND AND PRI	172	58.7	1,439,394	5,148,541	*	324,084
507 COMP REL IN AGRIC	65	20.2	425,979	1,348,405	*	190,093
508 DOMESTIC HKT DEVELP	35	10.2	163,078	1,034,902	*	124,580
509 PERFORMANCE HKTG SY	143	49.2	1,217,984	4,045,271	*	310,418
510 GROUP ACT HKT POWER	26	5.7	114,202	434,821	*	55,506
511 INP AGRIC STATISTIC	37	8.0	111,779	1,546,858	*	695,159
512 INP GRADES PRST PRO	15	5.1	41,407	654,951	*	228,659
513 PRICE ANAL PRST PRO	24	6.5	91,563	559,705	*	43,278
SUBTOTAL	816	251.3	5,609,335	22,341,799	*	2,503,499
SERIES 600						
601 F&V HKT DEVELP	52	14.0	332,977	1,465,853	*	145,860
602 EVAL F&V FOOD AID P	4	0.7	0	70,729	*	26,074
603 TECH AID DEV CRTY	67	18.8	24,964	2,227,823	*	391,175
604 PRD DVLPMT/HKTG PRG	8	1.0	4,376	63,456	*	0
SUBTOTAL	131	34.5	362,317	3,827,861	*	563,113
SERIES 700						
701 TOX RES IN FOOD	185	54.2	1,469,964	8,077,222	*	2,321,484
702 FOOD PROT FROM TOX	196	62.6	1,608,638	9,368,479	*	394,237
703 FOOD CONSUMP HABITS	133	41.3	1,328,288	4,154,611	*	503,986
704 HOME COHN FOOD SERV	50	14.2	387,727	1,502,608	*	59,955
705 SEL CARE CLOTH & TE	57	15.0	378,294	1,292,008	*	42,321
706 CONTR INSECTS AFF H	129	42.3	810,391	5,003,334	*	66,370
707 TRANS ANHL HAW DI	26	4.2	74,558	1,301,480	*	28,039
708 HUMAN NUTRITION	374	128.5	3,909,093	16,997,736	*	1,860,768
709 REDUCE HAZ HLTH & S	62	19.1	349,768	1,999,124	*	174,280
SUBTOTAL	1212	381.2	10,316,720	49,696,601	*	5,451,440

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCB-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	NAT TOT SAES AMOUNT 1981
SERIES 800						
801 RURAL HOUSING	63	15.1	273,251	1,257,618	*	79,986
802 INDIV & FAM DEC MAK	200	51.9	1,325,847	4,965,451	*	125,230
803 RURAL POVERTY	48	17.6	998,447	1,339,236	*	74,704
804 ECON POTENT RURL PE	102	34.9	872,712	2,609,632	*	193,137
805 COMMUNICAT RURAL PE	126	40.3	770,599	3,625,412	*	109,700
806 ADJUSTMENT TO CHANG	189	55.4	1,138,702	4,317,916	*	226,941
807 AGRIC ECONOMIC CHAW	164	48.3	1,235,012	4,817,993	*	254,228
808 GOV'T PROGRAMS	51	9.8	201,464	1,021,097	*	24,575
SUBTOTAL	943	273.1	6,816,033	23,954,354	*	1,088,500
SERIES 900						
901 ALLEV POLLUTION	560	178.1	4,105,774	23,811,302	*	909,926
902 OUTDOOR RECREATION	156	48.4	708,267	4,237,152	*	444,835
903 MULTI-USE-FOREST PO	94	19.5	461,074	2,153,911	*	204,095
904 WDLPE AND FISH ECO	589	172.6	2,660,642	24,788,966	*	1,886,623
905 TREES BEAUTIFICATIO	113	26.3	374,588	2,856,639	*	135,899
906 ORNAMENT & TURF DEV	589	219.2	3,727,348	22,377,726	*	172,448
907 RURAL INCOME IMP	136	31.9	1,078,615	3,282,309	*	302,778
908 RURAL INSTITUT IMP	213	58.5	1,572,423	5,533,535	*	408,273
990 UNCLASSIFIED	52	8.7	2,075,456	2,558,169	*	348,412
SUBTOTAL	2502	763.3	16,756,188	90,719,708	*	4,733,288
SCIENCE IN SERV OF MAN GRAND TOTAL	22448	7234.3	157,936,123	942,686,870	*	49,678,184

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG PRD APPR/ CSRS ADJSTED (GROSS) 1981	SARS REGION 1 NORTHEAST REGION (INCLUDES SARS-FORESTRY SCM-OTHER INST) TOTAL FUNDS USDA CON/GT/CA WITH SARS	
				(GROSS) 1981	AMOUNT 1981
0100 SOIL AND LAND	174	38.5	1,281,617	4,998,245	271,639
0200 WATER	88	17.5	428,530	2,088,996	19,532
0300 WATERSHEDS RIVER BAS	29	7.6	154,682	743,925	51,097
0400 AIR AND CLIMATE	30	4.2	120,673	558,591	177
0500 RECREATION RESOURCES	29	8.2	202,705	627,876	28,524
0600 TIMBER FORST PRODUCT	295	99.8	2,351,515	9,426,296	1,023,425
0700 RANGE	3	0.5	66,076	138,618	0
0800 WILDLIFE AND FISH	139	33.4	722,984	4,870,346	202,787
0900 CITRUS SUB TROP FRUIT	4	0.5	14,848	55,024	0
1000 FRUIT NUTS DECIDUOUS	245	93.5	2,320,658	9,598,535	191,151
1100 POTATOES	86	28.9	718,756	3,131,261	305,538
1200 VEGETABLES	242	71.8	1,984,710	7,885,455	267,214
1300 ORNAMENTALS TURF	121	39.7	937,899	3,830,336	13,220
1400 CORN	96	21.8	699,409	2,425,693	25,749
1500 GRAIN SORGHUM	1	0.0	6	8	0
1600 RICE	6	1.1	7,533	111,788	18,292
1700 WHEAT	27	5.5	143,673	649,497	106,240
1800 OTHER SMALL GRAINS	21	3.1	67,664	398,677	22,179
1900 PASTURE	5	1.2	53,906	133,403	1,449
2000 FORAGE CROPS	109	30.4	951,775	3,376,237	192,700
2100 COTTON	1	0.3	8,781	13,349	0
2200 COTTONSEED	2	0.1	2,548	17,690	0
2300 SOYBEANS	48	11.2	583,393	1,252,452	42,282
2400 PEANUTS	1	0.0	0	8,140	0
2500 OTHER OILSEED CROPS	3	0.2	9,611	44,370	0
2600 TOBACCO	20	9.5	160,913	787,607	0
2700 SUGAR CROPS	3	0.3	3,532	44,405	0
2800 HISC NEW CROPS	10	1.7	20,490	105,081	0
2900 POULTRY	153	56.2	1,920,353	7,369,101	249,628
3000 BEEF CATTLE	76	16.1	658,831	2,399,550	116,467
3100 DAIRY CATTLE	216	63.9	2,172,773	9,534,411	449,648
3200 SWINE	35	8.1	313,080	1,226,771	57,885
3300 SHEEP AND WOOL	37	17.5	249,661	1,048,091	46,181
3400 OTHER ANIMALS	77	20.4	308,197	2,905,990	140,287
3500 BEES AND HONEY	9	3.0	51,959	280,737	0
3600 FARM SUPP & FACILITS	15	4.1	101,545	566,491	12,981
3700 CLOTHING & TEXTILES	7	1.4	41,255	221,039	0
3800 FOOD	98	34.0	841,382	3,977,335	257,050
3900 HOUSING & EQUIP	43	13.2	210,276	1,885,020	72,038
4000 PEOPLE AS INDIVIDUAL	140	46.8	987,857	4,984,704	275,503
4100 FAMILY MEMBERS	30	19.5	334,365	1,998,424	9,201
4200 FARM AS BUSINESS	18	7.1	194,721	583,853	40,684
4300 SOC POLIT ORGANIZ	97	30.6	948,840	2,533,778	174,389
4400 AGRIC ECONOMY U S	9	2.6	33,281	186,528	0
4500 AGRIC ECONOMY FORGN	4	2.8	0	171,714	35,767
4600 FARM COOPERATIVES	3	0.8	17,642	44,372	0
4700 OTH MARKET PROCESS	3	1.9	13,758	206,313	0
4800 MARKETING SYSTEMS	14	7.3	180,835	499,588	15,218
6100 WEEDS	3	0.5	28,202	52,195	0
6200 SEED RESEARCH	10	3.1	31,847	185,135	0
6300 BIO CELL SYSTEMS	52	22.1	265,539	2,306,324	24,409
6400 EXP DESIGN/STAT METH	12	4.2	31,453	366,813	0
6500 INVERTEBRATES	46	19.1	267,640	1,928,776	32,516
6600 MICROORGANISMS, VIRUS	63	22.7	486,798	2,580,868	27,791
6700 PLANTS	105	33.1	761,776	3,542,056	664,225
6800 ANIMALS (VERTEBRATES)	54	17.1	127,953	2,143,135	173,400
6900 RESEARCH ON RSCH HGH	5	2.1	8,018	1,109,257	30,818
7000 RSCH EQUIP & TECHNOL	34	9.0	66,432	809,205	26,322
9900 UNCLASSIFIED	7	4.5	68,431	68,451	0
TOTAL	3313	1025.1	25,743,585	115,029,928	5,715,602

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- SARE REGION 1 NORTHEAST REGION
(INCLUDES SARE-FORESTRY SCB-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/ST/CA SYS 1981	WITH SARE AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	25	8.0	170,923	748,534	*	43,632
102 SOIL PLNT WTR NUTRI	63	16.2	613,201	2,003,416	*	38,150
103 NGMT OF SALINE SOIL	1	0.1	0	1,330	*	0
104 ALTERN USE OF LAND	34	7.4	284,750	759,936	*	155,483
105 CONSERV USE OF WATE	15	2.9	89,874	317,956	*	2,417
106 DRAIN AND IRRIGATIO	8	1.3	18,673	226,105	*	28,315
107 WATERSHED PROT & NG	24	6.2	102,089	754,358	*	47,221
108 ECON LEG PROB OF WA	5	1.1	5,748	287,889	*	858
109 WEATHER ADAPT & HD	21	3.6	86,624	386,954	*	0
110 APPRAIS FORST & RAN	20	3.4	90,562	400,801	*	83,720
111 BIOL CULT NGMT FORS	85	19.3	538,038	1,703,771	*	223,365
112 IMPROV RANGE RESOR	2	0.4	66,076	127,923	*	0
113 REMOTE SENSING	16	2.6	41,818	216,667	*	18,274
114 RSCH ON NGMT OF RSC	4	0.4	8,018	788,309	*	30,818
SUBTOTAL	323	72.7	2,116,321	8,723,948	*	672,251
SERIES 200						
201 CONTR FORST INSECTS	41	15.6	368,014	1,608,645	*	417,166
202 CONTROL FOREST DIS	28	9.8	436,043	1,087,322	*	72,830
204 CONTR PESTS FRT & VE	92	35.6	618,844	3,502,057	*	219,808
205 CONTR DISE FRT & VEG	133	42.8	971,247	4,691,547	*	317,789
206 CONTR WEEDS FRT & VE	30	7.7	295,892	936,096	*	23,116
207 CONTR PESTS FLD CROP	39	13.4	408,132	1,289,828	*	79,238
208 CONTR DIS FIELD CROP	49	13.8	354,448	1,535,720	*	130,272
209 CONTR WEEDS FLD CROP	19	5.0	188,513	640,058	*	27,261
210 CONTR PESTS ANIMALS	17	2.9	85,936	330,537	*	13,433
211 CONTR DIS ANIMALS	127	54.2	1,226,103	5,759,356	*	718,622
212 CONTR INTER PARASITE	8	2.4	62,956	355,053	*	15,309
213 PROT ANHLS FROM TOX	8	2.3	22,529	180,646	*	0
214 PROTECT FROM POLLUT	60	10.0	416,456	1,864,644	*	387,641
SUBTOTAL	651	215.5	5,455,113	23,781,511	*	2,420,885
SERIES 300						
301 GENET BREED FORST T	12	4.5	187,445	430,756	*	10,349
302 IMP FOREST ENG SYS	5	1.6	50,255	109,519	*	10,905
303 ECON TIMBER PRODUCT	8	2.1	26,466	97,582	*	6,546
304 IMP BIO EFF FRT & V	173	53.5	1,469,257	5,932,990	*	83,464
305 HECH PROD FRT & VEG	16	7.7	363,492	727,206	*	408
306 PROD NGMT SYS F & V	14	3.7	72,740	294,369	*	30,851
307 IMP BIO EFF FLD CRP	101	34.8	1,046,102	3,550,703	*	108,545
308 HECH PROD FIELD CRO	3	0.6	11,360	42,498	*	0
309 PROD NGMT SYS FLD C	21	6.6	219,336	709,884	*	35,215
310 ANIMAL REPRODUCTION	58	22.9	718,436	3,165,996	*	5,000
311 IMP BIO EFF ANHL PR	149	52.4	1,788,586	8,662,724	*	202,081
312 ENV STRESS IN ANHL	30	7.5	349,192	1,038,616	*	0
313 PROD NGMT SYS ANHL	33	8.7	306,936	1,521,414	*	61,295
314 BEES OTH POLLUTNG I	9	3.0	51,959	280,737	*	0
315 IMP STRUC FARM SUPP	34	10.4	252,903	1,755,289	*	72,038
316 FARM BUSINESS NGMT	14	5.6	147,883	440,442	*	32,362
317 HECH/STRUCTS ANHL P	8	2.6	98,136	376,441	*	8,997
318 NON-COM BIO TECH/BI	234	95.4	1,262,160	9,648,184	*	133,971
SUBTOTAL	922	323.5	8,422,644	38,785,347	*	802,026
SERIES 400						
401 NEW IMP FOREST PROD	41	23.1	282,557	2,104,716	*	71,460
402 PROD F & V IMP ACCE	36	8.8	137,373	975,890	*	7,649
403 NEW & IMP FEV PROD	35	11.9	163,976	1,011,213	*	27,193
404 HKT QUAL FRTS & VEG	44	15.4	604,547	1,748,313	*	0
405 PROD FLD CROP IMP A	19	4.3	228,022	537,779	*	23,090
406 NEW IMP FOOD FLD CR	9	4.1	47,877	332,875	*	179
407 NEW IMP NON-FOOD FC	9	2.3	42,144	378,383	*	0
408 HKT QUAL FIELD CROP	5	0.1	18,294	77,065	*	30,785
409 PROD ANHL PR IMP AC	15	4.1	170,540	594,459	*	0
410 IMP MEAT HILK EGG P	45	10.7	245,718	1,535,010	*	41,616
411 IMP NON-FOOD ANHL P	2	0.6	0	106,586	*	0
412 HKT QUAL ANIMAL PRO	12	4.2	97,688	574,627	*	0
SUBTOTAL	272	89.6	2,039,645	9,976,916	*	201,971
SERIES 500						
501 IMP GRADES & STANDS	7	1.5	18,644	92,855	*	0
502 MKTG TIMBER PRODUCT	9	2.9	37,816	195,962	*	16,968
503 MKTG EFF AGRIC PRODS	24	8.1	213,008	733,179	*	27,993
506 SPLY DEMAND AND PRI	15	5.0	122,002	354,956	*	3,024
507 COMP RBL IN AGRIC	7	3.2	98,905	178,237	*	1,736
508 DOMESTIC MKT DEVELP	6	2.9	50,925	242,954	*	1,450
509 PERFORMANCE MKTG SY	19	8.6	225,216	572,744	*	15,462
510 GROUP ACT MKT POWER	2	0.3	13,820	24,464	*	0
511 IMP AGRIC STATISTIC	4	0.6	6,630	38,210	*	0
512 IMP GRADES PRST PRO	2	1.2	25,022	72,988	*	761
513 PRICE ANAL PRST PRO	2	0.4	3,195	19,886	*	0
SUBTOTAL	97	34.6	815,182	2,526,434	*	67,393
SERIES 600						
601 FGM MKT DEVELP	3	1.1	13,509	123,876	*	0
602 EVAL FGM FOOD AID P	1	0.2	0	21,713	*	4,492
603 TECH AID DEV CRTY	14	7.5	0	934,805	*	31,503
604 PRD DVLPMT/MKTG PRG	2	0.5	0	32,488	*	0
SUBTOTAL	20	9.2	13,509	1,112,881	*	35,995
SERIES 700						
701 TOX RES IN FOOD	22	13.2	436,280	1,293,426	*	319,079
702 FOOD PROT FROM TOX	26	10.2	285,169	1,254,836	*	0
703 FOOD CONSUMP HABITS	19	8.0	177,440	907,451	*	55,564
704 HOME COMM FOOD SERV	12	3.8	138,159	514,819	*	56,452
705 SEL CARE CLOTH & TE	6	1.1	41,255	204,683	*	0
706 CONTR INSECTS AFF H	37	12.7	342,469	1,316,932	*	32,268
707 TRANS ANHNL MAN DI	8	1.1	41,306	514,493	*	22,404
708 HUMAN NUTRITION	73	24.6	677,330	3,380,518	*	393,563
709 REDUCE HAZ HLTH & S	7	2.6	35,833	201,060	*	0
SUBTOTAL	210	77.2	2,175,240	9,588,218	*	879,330

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 800						
801 RURAL HOUSING	7	2.0	4,681	271,848	*	0
802 INDIV & FAN DEC MAK	29	14.4	212,146	1,848,717	*	5,648
803 RURAL POVERTY	2	0.3	73,493	78,798	*	5,305
804 ECON POTENT RURAL PE	13	6.2	127,325	603,565	*	19,506
805 COMMUNICAT RURAL PE	39	14.9	187,371	872,902	*	30,406
806 ADJUSTMENT TO CHANG	21	10.9	205,762	681,358	*	4,283
807 AGRIC ECONOMIC CHAN	13	2.9	69,390	243,694	*	8,322
808 GOV'T PROGRAMS	4	1.6	44,248	115,912	*	0
SUBTOTAL	128	53.2	924,416	4,715,993	*	73,470
SERIES 900						
901 ALLEV POLLUTION	135	35.3	966,049	4,373,725	*	67,315
902 OUTDOOR RECREATION	29	9.3	221,538	648,713	*	26,217
903 MULTI-USE-FOREST PO	16	4.9	141,398	586,002	*	16,600
904 WLDLFE AND FISH ECO	113	27.3	602,949	3,878,749	*	195,143
905 TREES BEAUTIFICATIO	25	4.4	34,059	375,779	*	71,268
906 ORNAMENT & TURF DEV	115	39.4	930,337	3,762,571	*	13,220
907 RURAL INCOME IMP	37	11.1	446,791	989,784	*	82,785
908 RURAL INSTITUE IMP	52	13.6	369,963	1,134,906	*	87,733
990 UNCLASSIFIED	7	4.5	68,431	68,451	*	0
SUBTOTAL	529	149.6	3,781,514	15,818,680	*	562,282
SCIENCE IN SERV OF MAN						
GRAND TOTAL	3152	1025.1	25,743,585	115,029,928	*	5,715,602

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - SAES REGION 2 SOUTHERN REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTED (GROSS) 1981	(INCLUDES SAES-FORESTRY SCH-OTHER INST)	
				TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SIS 1981
0100 SOIL AND LAND	326	101.4	2,408,738	11,947,709	* 402,557
0200 WATER	202	61.5	1,213,636	6,383,441	* 451,283
0300 WATERSHEDS RIVER BAS	47	9.1	183,795	914,116	* 43,297
0400 AIR AND CLIMATE	13	1.6	65,962	294,799	* 4,518
0500 RECREATION RESOURCES	30	13.3	161,517	1,018,842	* 209,636
0600 TIMBER FORST PRODUCT	462	161.7	3,782,854	19,083,015	* 1,067,493
0700 RANGE	49	18.1	245,459	2,074,738	* 65,425
0800 WILDLIFE AND FISH	245	81.5	1,576,177	11,680,628	* 865,521
0900 CITRUS SUB TROP FRUIT	128	77.9	606,296	7,691,066	* 265,084
1000 FRUIT NUTS DECIDUOUS	338	111.8	1,975,904	13,582,116	* 346,863
1100 POTATOES	36	6.0	92,778	731,283	* 493
1200 VEGETABLES	511	199.8	4,484,360	21,949,893	* 578,586
1300 ORNAMENTALS TURF	227	101.5	1,602,021	9,872,105	* 33,681
1400 CORN	288	58.8	1,290,336	7,305,713	* 213,414
1500 GRAIN SORGHUM	158	38.6	634,429	4,195,365	* 102,909
1600 RICE	90	33.9	381,825	3,796,864	* 34,855
1700 WHEAT	163	34.9	637,058	3,815,008	* 60,906
1800 OTHER SMALL GRAINS	92	16.1	666,371	2,043,427	* 16,812
1900 PASTURE	99	24.1	512,978	3,183,300	* 282,612
2000 FORAGE CROPS	338	112.7	2,704,601	14,429,521	* 392,893
2100 COTTON	285	105.6	2,052,584	12,512,042	* 597,349
2200 COTTONSEED	14	3.3	47,477	251,856	* 7,272
2300 SOYBEANS	481	139.8	3,799,878	17,876,345	* 749,403
2400 PEANUTS	147	40.2	671,929	5,450,796	* 195,384
2500 OTHER OILSEED CROPS	17	5.1	77,340	444,500	* 1,416
2600 TOBACCO	130	50.5	893,953	7,056,191	* 166,710
2700 SUGAR CROPS	75	34.0	780,197	3,990,162	* 9,929
2800 MISC NEW CROPS	44	8.7	269,950	836,984	* 31,937
2900 POULTRY	312	103.0	2,975,217	14,458,074	* 346,542
3000 BEEP CATTLE	580	189.2	6,283,023	34,618,019	* 1,480,519
3100 DAIRY CATTLE	369	114.7	3,822,893	20,825,037	* 843,458
3200 SWINE	239	76.5	2,827,340	13,085,338	* 502,006
3300 SHEEP AND WOOL	102	20.4	622,861	3,051,300	* 164,383
3400 OTHER ANIMALS	145	46.4	1,543,076	5,267,580	* 543,762
3500 BEES AND HONEY	8	3.0	44,150	260,807	* 23,640
3600 FARM SUPP & FACILITIES	25	6.5	48,030	770,790	* 84,403
3700 CLOTHING & TEXTILES	22	5.7	257,291	526,618	* 42,360
3800 FOOD	144	51.5	2,213,311	5,483,830	* 221,484
3900 HOUSING & EQUIP	62	23.6	277,488	1,923,186	* 88,178
4000 PEOPLE AS INDIVIDUAL	207	70.6	2,770,614	6,118,512	* 628,590
4100 FAMILY MEMBERS	95	28.4	1,102,378	2,149,260	* 299,504
4200 FARM AS BUSINESS	99	29.8	899,833	2,236,567	* 156,081
4300 SOC POLIT ORGANIZ	111	34.7	1,433,553	3,144,893	* 259,590
4400 AGRIC ECONOMY U S	43	15.5	340,355	1,106,439	* 51,890
4500 AGRIC ECONOMY FORGN	1	0.1	1,522	6,035	* 17
4600 FARM COOPERATIVES	9	1.6	29,224	128,738	* 14,899
4700 OTH MARKET PROCESS	12	2.4	27,869	213,470	* 1,158
4800 MARKETING SYSTEMS	28	7.6	165,644	633,214	* 67,547
6100 WEEDS	28	5.2	85,570	663,379	* 103,204
6200 SEED RESEARCH	10	2.8	25,844	237,283	* 5,919
6300 BIO CELL SYSTEMS	48	19.7	183,844	1,971,584	* 35,756
6400 EXP DESIGN/STAT METH	15	7.2	40,750	638,745	* 60,587
6500 INVERTEBRATES	75	30.6	359,572	2,507,231	* 49,152
6600 MICROORGANISMS, VIRUS	63	21.9	262,825	3,062,154	* 97,436
6700 PLANTS	182	66.6	1,028,857	9,570,453	* 1,022,159
6800 ANIMALS (VERTEBRATES)	90	21.8	359,123	2,984,819	* 140,947
6900 RESEARCH ON RSCH HGM	7	6.2	24,957	535,964	* 1,888
7000 RSCH EQUIP & TECHNOL	20	3.5	40,229	518,318	* 5,553
9900 UNCLASSIFIED	19	3.5	754,125	754,125	* 0
TOTAL	8205	2671.7	64,671,773	333,863,585	* 14,540,852

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- SARE REGION 2 SOUTHERN REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTG (GROSS) 1981	(INCLUDES SARE-FORESTRY SCM-OTHER INST)	
				TOTAL FUNDS (GROSS) 1981	USDA CON/QT/CA SYS 1981
SERIES 100					
101 APPRAIS OF SOIL RES	75	25.0	471,575	3,264,595	*
102 SOIL PLMT WTR NUTRI	207	66.5	1,610,354	7,710,908	*
103 NGHT OF SALINE SOIL	17	4.2	44,345	353,181	*
104 ALTERN USE OF LAND	36	7.8	160,592	637,437	*
105 CONSERV USE OF WATE	92	23.9	460,635	2,658,569	*
106 DRAIN AND IRRIGATIO	37	11.2	176,470	1,191,897	*
107 WATERSHED PROT & MG	47	14.6	302,553	1,847,323	*
108 ECON LEG PROB OF WA	8	4.2	33,005	281,491	*
109 WEATHER ADAPT & MOD	23	4.3	143,854	622,031	*
110 APPRAIS FORST & BAN	38	6.7	115,642	654,674	*
111 BIOL CULT NGHT FORS	166	49.2	1,275,174	5,061,180	*
112 IMPROV RANGE RESOR	33	12.0	131,256	1,392,925	*
113 REMOTE SENSING	14	3.9	86,994	614,287	*
114 RSCH ON NGHT OF BSC	7	6.2	24,957	535,964	*
SUBTOTAL	800	239.7	5,037,406	26,826,382	*
SERIES 200					
201 CNTRL FORST INSECTS	71	14.9	353,617	2,141,725	*
202 CONTROL FOREST DIS	47	15.2	310,773	1,352,520	*
203 FOREST FIRE PROTECT	4	0.7	2,708	79,870	*
204 CNTR PESTS FRT & VEG	142	40.1	637,625	4,488,510	*
205 CNTR DISE FRT & VEG	277	96.5	1,149,142	9,948,227	*
206 CNTR WEEDS FRT & VEG	65	16.5	236,103	2,086,770	*
207 CNTR PESTS FLD CROP	260	95.3	2,019,622	10,948,270	*
208 CNTR DIS FIELD CROP	331	109.7	2,313,123	11,914,627	*
209 CNTR WEEDS FLD CROP	137	53.6	1,205,214	7,090,078	*
210 CNTR PESTS ANIMALS	49	19.1	404,789	2,363,599	*
211 CNTR DIS ANIMALS	245	88.3	2,637,733	11,814,487	*
212 CNTR INTER PARASITE	51	14.4	333,017	2,195,123	*
213 PROT ANHLS FROM TOX	40	12.4	340,125	1,773,408	*
214 PROTECT FROM POLLUT	60	15.3	181,763	2,287,181	*
SUBTOTAL	1779	591.8	12,125,355	70,484,317	*
SERIES 300					
301 GENET BREED FORST T	53	18.3	619,755	2,519,335	*
302 IMP FOREST ENG SYS	11	5.1	92,939	751,309	*
303 ECON TIMBER PRODUCT	22	8.4	197,203	795,023	*
304 IMP BIO EFF FRT & V	404	138.1	2,909,799	16,804,870	*
305 MECH PROD FRT & VEG	62	12.6	211,009	1,543,250	*
306 PROD NGHT SYS F & V	42	10.4	145,689	1,145,453	*
307 IMP BIO EFF FLD CROP	697	294.2	6,140,794	40,528,946	*
308 MECH PROD FIELD CRO	50	17.5	410,933	2,164,000	*
309 PROD NGHT SYS FLD C	146	41.2	852,311	5,600,906	*
310 ANIMAL REPRODUCTION	178	79.7	2,654,007	14,235,764	*
311 IMP BIO EFF ANHL PR	507	184.4	6,697,155	38,844,807	*
312 ENV STRESS IN ANHL	72	19.6	419,270	2,587,059	*
313 PROD NGHT SYS ANHL	127	30.6	986,175	4,826,243	*
314 BEES OTH POLLNTG IP	8	3.0	44,150	260,807	*
315 IMP STROC FARM SUPP	38	12.7	110,951	1,391,444	*
316 FARM BUSINESS NGHT	69	23.8	625,542	1,691,875	*
317 MECH/STRUCTS ANHL P	39	9.2	96,117	1,049,843	*
318 NON-COM BIO TECH/BI	234	103.6	1,121,020	11,293,080	*
SUBTOTAL	2759	1012.2	24,334,818	148,034,013	*
SERIES 400					
401 NEW IMP FOREST PROD	49	28.2	450,369	3,748,228	*
402 PROD F & V IMP ACCE	110	25.1	385,787	2,383,484	*
403 NEW & IMP F&V PROD	58	24.6	609,762	2,510,737	*
404 MKT QUAL FRTS & VEG	38	8.6	170,599	965,133	*
405 PROD FLD CROP IMP A	110	28.8	609,893	3,545,416	*
406 NEW IMP FOOD FLD CR	45	11.2	389,177	1,520,406	*
407 NEW IMP NON-FOOD PC	21	8.3	264,889	867,381	*
408 MKT QUAL FIELD CROP	32	8.8	135,947	642,169	*
409 PROD ANHL PR IMP AC	72	16.4	1,160,748	3,128,262	*
410 IMP MEAT MILK EGG P	96	29.3	761,663	4,288,417	*
411 IMP NON-FOOD ANHL P	9	2.1	114,909	313,090	*
412 MKT QUAL ANIMAL PRO	44	12.5	362,644	1,419,796	*
SUBTOTAL	684	203.9	5,416,387	25,332,518	*
SERIES 500					
501 IMP GRADES & STANDS	33	9.6	259,763	1,075,945	*
502 MKTG TIMBER PRODUCT	13	2.2	90,383	269,895	*
503 MKTG EFF AGRI PRODS	73	24.6	557,023	1,744,671	*
506 SPLY DEMAND AND PRI	87	30.5	790,493	2,468,127	*
507 COMP REL IN AGRIC	26	5.5	112,247	350,999	*
508 DOMESTIC MKT DEVELP	15	4.0	76,365	433,913	*
509 PERFORMANCE MKTG SY	55	19.2	508,509	1,598,076	*
510 GROUP ACT MKT POWER	5	1.2	7,740	90,955	*
511 IMP AGRIC STATISTIC	9	1.3	34,282	115,421	*
512 IMP GRADES FRST PRO	3	0.4	9,835	41,897	*
513 PRICE ANAL FRST PRO	6	1.8	26,185	135,594	*
SUBTOTAL	325	100.4	2,472,826	8,325,495	*
SERIES 600					
601 FGM MKT DEVELP	7	2.5	63,150	234,002	*
603 TECH AID DEV CRTY	13	1.9	17,067	236,560	*
604 PRD DVLPMT/MKTG PRG	1	0.1	505	11,538	*
SUBTOTAL	21	4.5	80,722	482,100	*
SERIES 700					
701 TOX RES IN FOOD	59	21.1	690,924	2,761,200	*
702 FOOD PROT FROM TOX	64	18.9	651,293	2,272,210	*
703 FOOD CONSUMP HABITS	50	16.7	805,321	1,408,834	*
704 HOME COMM FOOD SERV	9	4.0	50,690	250,559	*
705 SEL CARE CLOTH & TE	21	4.8	234,363	428,604	*
706 CNTR INSECTS AFP M	31	9.9	137,916	1,031,854	*
707 TRANS ANHL MAN DI	6	0.7	4,596	145,981	*
708 HUMAN NUTRITION	123	43.4	1,882,039	4,773,894	*
709 REDUCE HAZ HLTH & S	22	9.0	221,750	1,009,124	*
SUBTOTAL	385	128.4	4,678,892	14,082,260	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- SRS REGION 2 SOUTHERN REGION
(INCLUDES SRS-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPV/ CSRS ADMINSTRD (GROSS) 1981	TOTAL FUNDS (NGSS) 1981	USDA CON/CT/CA SYS 1981	WITH SRS AMOUNT 1981
SERIES 800						
801 RURAL HOUSING	21	8.6	165,938	540,509	*	77,899
802 INDIV E PAN DEC MAK	60	14.7	638,448	1,156,713	*	98,217
803 RURAL POVERTY	32	13.2	850,280	1,012,329	*	57,040
804 ECON POTENT RURAL FE	43	18.3	508,501	1,152,120	*	164,161
805 COMMUNICAT RURAL FE	26	10.4	413,619	1,105,879	*	79,126
806 ADJUSTMENT TO CHANG	64	18.9	501,999	1,309,813	*	200,825
807 AGRIC ECONOMIC CHAN	58	17.1	634,621	1,550,280	*	43,753
808 GOV'T PROGRAMS	11	2.9	12,942	196,848	*	7,690
SUBTOTAL	315	104.0	3,726,347	8,024,491	*	728,711
SERIES 900						
901 ALLEY POLLUTION	159	69.7	1,764,871	7,782,870	*	375,766
902 OUTDOOR RECREATION	26	13.9	155,605	1,191,135	*	209,603
903 MULTI-USE-FOREST PO	30	6.8	172,588	600,411	*	43,353
904 WILDLFE AND FISH ECO	206	64.6	1,340,640	9,673,657	*	667,181
905 TREES BEAUTIFICATIO	17	4.9	51,007	641,645	*	5,176
906 ORNAMENT & TURF DEV	222	98.7	1,583,006	9,469,803	*	32,695
907 RURAL INCOME IMP	43	9.6	343,341	846,420	*	108,487
908 RURAL INSTITUT IMP	49	15.1	633,835	1,311,943	*	128,589
909 UNCLASSIFIED	19	3.5	754,125	754,125	*	0
SUBTOTAL	771	286.8	6,799,019	32,272,009	*	1,570,849
SCIENCE IN SERV OF MAN GRAND TOTAL	7839	2671.7	64,671,773	333,863,585	*	14,540,852

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FND APPR/ CSRS ADJSTED (GROSS) 1981	SARS REGION 3 NORTH CENTRAL REGION (INCLUDES SARS-FORESTRY SCR-OTHER 1982)	
				TOTAL FUNDS (GROSS) 1981	USDA COM/GR/CA WITH SARS SIS AMOUNT 1981
0100 SOIL AND LAND	352	109.4	1,929,748	13,773,418	591,426
0200 WATER	198	41.4	602,377	5,061,377	128,204
0300 WATERSHEDS RIVER BAS	28	8.2	154,619	1,256,903	55,771
0400 AIR AND CLIMATE	49	13.3	340,772	1,883,696	99,064
0500 RECREATION RESOURCES	44	8.9	163,224	819,349	61,774
0600 TIMBER FORST PRODUCT	301	98.3	2,267,401	11,568,652	612,196
0700 RANGE	47	15.3	310,838	1,505,200	43,039
0800 WILDLIFE AND FISH	105	25.6	363,437	3,664,731	74,400
0900 CITRUS SUB TROP FRUT	1	0.1	3,122	12,306	0
1000 FRUIT NUTS DECIDUOUS	146	41.2	908,404	5,362,901	127,961
1100 POTATOES	75	20.4	565,014	2,610,310	49,605
1200 VEGETABLES	243	62.2	1,757,311	7,934,966	237,868
1300 ORNAMENTALS TURP	115	38.6	717,236	4,390,370	59,923
1400 CORN	476	115.7	2,943,023	16,327,981	1,024,806
1500 GRAIN SORGHUM	142	24.0	282,725	3,488,736	632,466
1600 RICE	10	4.1	5,606	471,253	0
1700 WHEAT	285	75.5	1,305,397	9,350,897	537,342
1800 OTHER SMALL GRAINS	154	32.6	609,483	4,515,524	180,026
1900 PASTURE	27	2.9	126,299	579,476	20,260
2000 FORAGE CROPS	229	53.5	1,631,572	7,853,593	474,575
2100 COTTON	6	0.5	67,119	294,448	42,206
2200 COTTONSEED	1	0.1	1,679	3,746	0
2300 SOYBEANS	350	82.7	1,746,391	10,718,160	772,008
2400 PEANUTS	3	0.2	1,679	25,065	0
2500 OTHER OILSEED CROPS	72	14.9	177,679	1,544,130	52,859
2600 TOBACCO	7	1.7	30,623	187,436	1,894
2700 SUGAR CROPS	30	4.3	66,287	769,597	14,554
2800 HISC NEW CROPS	34	7.4	155,021	821,231	9,850
2900 POULTRY	182	51.6	1,915,452	7,528,396	287,480
3000 BEEF CATTLE	389	109.8	3,642,205	25,695,478	973,519
3100 DAIRY CATTLE	384	100.0	3,362,309	18,340,286	745,028
3200 SWINE	280	82.4	3,144,323	17,050,879	753,557
3300 SHEEP AND WOOL	96	20.6	817,124	4,331,054	17,790
3400 OTHER ANIMALS	104	24.6	663,102	3,378,277	57,626
3500 BEES AND HONEY	6	2.3	11,762	202,621	49,923
3600 FARM SUPP & FACILITS	50	11.3	246,534	1,700,476	25,888
3700 CLOTHING & TEXTILES	23	8.2	142,694	542,840	1,196
3800 FOOD	159	41.8	1,009,813	6,277,963	242,041
3900 HOUSING & EQUIP	70	14.1	260,275	1,710,507	163,635
4000 PEOPLE AS INDIVIDUAL	160	34.5	675,519	4,094,960	37,476
4100 FAMILY HEBBERS	101	23.9	542,103	2,137,652	8,154
4200 FARM AS BUSINESS	73	18.3	494,430	2,103,097	150,673
4300 SOC POLIT ORGANIZ	129	35.1	797,486	4,001,626	282,788
4400 AGRIC ECONOMY U S	56	13.0	293,286	1,588,448	258,316
4500 AGRIC ECONOMY FORGN	16	3.5	27,625	471,658	259,475
4600 FARM COOPERATIVES	17	3.6	88,229	298,721	44,054
4700 OTH MARKET PROCESS	16	3.3	50,041	312,366	63,817
4800 MARKETING SYSTEMS	50	12.9	361,353	1,206,249	178,986
6100 WEEDS	11	4.2	46,763	323,024	13,600
6200 SEED RESEARCH	8	4.2	25,476	761,561	0
6300 BIO CELL SYSTEMS	98	37.3	552,884	5,554,115	89,359
6400 EXP DESIGN/STAT METH	30	10.1	123,893	1,688,904	653,417
6500 INVERTEBRATES	52	18.3	305,344	1,908,975	38,358
6600 MICROORGANISMS, VIRUS	82	28.0	451,342	3,823,574	96,032
6700 PLANTS	208	62.1	1,059,397	9,796,115	992,334
6800 ANIMALS (VERTEBRATES)	169	52.9	955,478	7,146,149	254,863
6900 RESEARCH ON RSCH HGM	14	3.4	82,985	282,398	28,069
7000 RSCH EQUIP & TECHNOL	32	8.7	138,546	1,126,038	91,683
9900 UNCLASSIFIED	11	0.4	875,081	1,299,998	348,412
TOTAL	6606	1746.9	42,396,941	253,477,857	13,111,625

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- SRS REGION 3 NORTH CENTRAL REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTED (GROSS) 1981	(INCLUDES SRS-FORESTRY SCM-OTHER INST)	
				TOTAL FUNDS (GROSS) 1981	USDA CON/ST/CA STS 1981 WITH SRS AMOUNT 1981
SERIES 100					
101 APPRAIS OF SOIL RES	69	29.5	338,288	3,353,178	* 34,760
102 SOIL PLNT WTR NUTRI	214	63.9	1,259,482	8,489,436	* 624,141
103 MGMT OF SALINE SOIL	7	1.2	6,618	99,312	* 0
104 ALTERN USE OF LAND	59	14.4	285,622	1,621,534	* 59,395
105 CONSERV USE OF WATE	73	18.9	196,150	2,114,398	* 113,334
106 DRAIN AND IRRIGATIO	41	7.7	146,514	1,261,780	* 35,749
107 WATERSHED PROT & MG	40	12.1	240,311	1,681,094	* 70,536
108 ECON LEG PROB OF WA	14	4.8	38,807	402,535	* 11,737
109 WEATHER ADAPT & MOD	47	13.6	361,598	2,023,954	* 129,842
110 APPRAIS FORST & RAN	34	7.5	182,861	1,071,704	* 73,741
111 BIOL CULT MGMT FORS	98	29.8	629,177	3,453,884	* 158,940
112 IMPROV RANGE RESOR	29	11.3	233,819	1,112,635	* 21,199
113 REMOTE SENSING	13	2.3	29,261	433,608	* 95,701
114 RSCH ON MGMT OF RSC	14	3.4	82,985	282,398	* 28,069
SUBTOTAL	752	220.4	4,031,493	27,401,449	* 1,457,143
SERIES 200					
201 CNTRL FORST INSECTS	31	6.0	171,630	817,248	* 31,020
202 CONTROL FOREST DIS	33	6.0	159,394	725,639	* 6,955
203 FOREST FIRE PROTECT	2	0.2	0	15,652	* 1,381
204 CNTR PESTS FRT & VE	54	13.2	274,479	1,592,835	* 52,816
205 CNTR DISE FRT & VEG	120	29.0	748,804	3,491,898	* 174,025
206 CNTR WEEDS FRT & VE	25	6.2	104,609	820,115	* 10,885
207 CNTR PESTS FLD CROP	144	42.6	1,047,277	5,443,124	* 246,122
208 CNTR DIS FIELD CROP	233	70.2	1,466,388	8,024,382	* 464,687
209 CNTR WEEDS FLD CROP	95	24.5	522,499	4,145,893	* 253,837
210 CNTR PESTS ANIMALS	43	8.8	215,367	1,200,965	* 221,911
211 CNTR DIS ANIMALS	295	75.3	2,688,419	12,017,448	* 1,191,825
212 CNTR INTER PARASITE	22	5.0	156,711	769,912	* 28,009
213 PROT ANMLS FROM TOX	41	11.0	259,317	1,578,576	* 91,947
214 PROTECT FROM POLLUT	48	7.9	189,864	963,520	* 17,404
SUBTOTAL	1186	306.0	8,204,756	41,607,206	* 2,792,823
SERIES 300					
301 GENET BREED FORST T	36	9.2	309,667	1,040,058	* 29,197
302 IMP FOREST ENG SYS	5	1.5	20,024	173,053	* 37,020
303 ECON TIMBER PRODUCT	14	2.4	52,782	377,305	* 65,973
304 IMP BIO EFF FRT & V	173	51.0	1,361,848	6,976,110	* 105,311
305 HECH PROD FRT & VEG	20	4.5	119,841	506,318	* 3,904
306 PROD MGMT SYS F & V	22	2.7	62,164	367,019	* 0
307 IMP BIO EFF FLD CRP	482	192.9	3,462,500	28,530,039	* 1,895,444
308 HECH PROD FIELD CRO	32	7.3	170,641	1,003,606	* 31,577
309 PROD MGMT SYS FLD C	91	17.9	412,738	2,882,076	* 58,227
310 ANIMAL REPRODUCTION	167	54.5	2,214,106	9,531,628	* 233,841
311 IMP BIO EFF ANML PR	383	159.7	5,121,086	38,660,448	* 828,191
312 ENV STRESS IN ANML	48	10.5	295,440	2,298,038	* 73,046
313 PROD MGMT SYS ANML	88	16.9	561,912	3,973,370	* 67,719
314 BEES OTH POLLNTNG I	6	2.3	11,762	202,621	* 49,923
315 IMP STRUC FARM SUPP	61	14.4	236,199	2,286,178	* 242,194
316 FARM BUSINESS MGMT	53	13.1	318,265	1,573,564	* 139,795
317 HECH/STRUCTS ANML P	23	4.5	117,885	591,311	* 5,668
318 NON-COM BIO TECH/BI	303	133.4	1,916,672	17,586,499	* 254,098
SUBTOTAL	2007	698.9	16,765,535	118,559,239	* 4,121,126
SERIES 400					
401 NEW IMP FOREST PROD	33	19.5	330,501	2,052,172	* 119,729
402 PROD F & V IMP ACCE	46	10.5	195,990	1,078,351	* 725
403 NEW & IMP FEV PROD	34	7.1	254,025	971,181	* 15,438
404 HKT QUAL FRTS & VEG	26	5.4	171,380	796,791	* 34,531
405 PROD FLD CROP IMP A	98	30.4	716,937	4,181,625	* 193,315
406 NEW IMP FOOD FLD CR	65	19.5	408,426	2,352,296	* 45,981
407 NEW IMP NON-FOOD FC	38	8.6	287,038	1,275,502	* 35,527
408 HKT QUAL FIELD CROP	51	9.0	256,164	1,309,859	* 180,857
409 PROD ANML PR IMP AC	56	11.8	686,235	2,549,158	* 53,634
410 IMP MEAT MILK EGG P	86	26.9	754,309	3,129,039	* 12,743
411 IMP NON-FOOD ANML P	10	2.7	74,053	261,440	* 31,312
412 HKT QUAL ANIMAL PRO	34	7.5	241,990	883,738	* 12,834
SUBTOTAL	577	158.9	4,377,048	20,841,151	* 736,625
SERIES 500					
501 IMP GRADES & STANDS	12	4.3	62,085	424,122	* 15,780
502 HKTG TIMBER PRODUCT	6	1.7	24,985	132,688	* 2,247
503 HKTG EFF AGRI PRODS	67	15.2	375,474	1,574,332	* 165,147
506 SPLY DEMAND AND PRI	36	8.1	272,219	1,132,390	* 159,614
507 COMP REL IN AGRIC	22	5.4	162,496	464,627	* 62,902
508 DOMESTIC HKT DEVELP	6	0.7	10,634	65,949	* 0
509 PERFORMANCE HKTG SY	51	16.8	416,536	1,490,349	* 239,276
510 GROUP ACT HKT POWER	15	3.6	89,493	286,527	* 35,236
511 IMP AGRIC STATISTIC	16	3.4	58,617	1,052,038	* 649,254
512 IMP GRADES PRST PRO	2	0.1	0	21,042	* 14,541
513 PRICE ANAL PRST PRO	7	1.6	26,505	173,319	* 9,666
SUBTOTAL	240	60.8	1,499,044	6,817,382	* 1,353,661
SERIES 600					
601 FGN HKT DEVELP	31	7.3	201,761	714,988	* 103,097
602 EVAL FGN FOOD AID P	2	0.1	0	5,332	* 0
603 TECH AID DEV CRTY	21	5.9	6,149	605,203	* 216,772
604 PRD DVLPMT/HKTG FRG	1	0.2	0	7,618	* 0
SUBTOTAL	55	13.5	207,910	1,333,141	* 319,869
SERIES 700					
701 TOX RES IN FOOD	42	6.9	133,930	1,627,858	* 834,725
702 FOOD PROT FROM TOX	65	17.1	460,265	3,073,619	* 199,122
703 FOOD CONSUMP HABITS	35	6.3	168,361	522,597	* 18,922
704 HOME COMM FOOD SERV	23	5.5	176,144	667,110	* 0
705 SEL CARE CLOTH & TE	18	5.9	79,372	405,217	* 1,196
706 CNTR INSECTS AFF M	21	6.8	128,910	691,049	* 0
707 TRANS ANML MAN DI	9	1.2	20,406	449,683	* 5,635
708 HUMAN NUTRITION	99	27.5	970,353	3,614,866	* 132,951
709 REDUCE HAZ HLTH & S	18	4.0	81,520	305,645	* 27,567
SUBTOTAL	330	81.2	2,219,262	11,357,642	* 1,220,118

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 800						
801 RURAL HOUSING	15	2.3	50,642	247,599	*	0
802 INDIV E FAN DEC HAK	64	14.9	263,274	1,238,390	*	7,307
803 RURAL POVERTY	5	1.4	50,893	138,218	*	0
804 ECOW POTENT RURL PE	27	6.2	180,068	531,730	*	4,234
805 COMMUNICAT RURAL PE	39	11.3	121,259	1,184,180	*	168
806 ADJUSTMENT TO CHANG	60	15.4	270,143	1,398,083	*	9,272
807 AGRIC ECONOMIC CHAN	61	14.0	366,365	1,649,088	*	113,576
808 GOV'T PROGRAMS	26	3.1	111,402	387,927	*	16,369
SUBTOTAL	297	68.5	1,414,047	6,775,215	*	150,926
SERIES 900						
901 ALLEV POLLUTION	141	31.1	749,075	4,732,673	*	102,018
902 OUTDOOR RECREATION	44	9.8	196,072	828,577	*	59,854
903 MULTI-USE-FOREST PO	15	3.5	44,650	419,475	*	46,608
904 WLDLFE AND FISH ECO	93	23.0	321,284	3,325,582	*	72,907
905 TREES BEAUTIFICATIO	38	7.2	172,212	751,692	*	5,877
906 ORNAMENT & TURF DEV	109	38.0	706,013	4,327,687	*	59,923
907 RURAL INCOME IMP	31	6.2	200,561	922,754	*	92,356
908 RURAL INSTITUT IMP	69	19.4	412,899	2,176,993	*	171,376
909 UNCLASSIFIED	11	0.4	875,081	1,299,998	*	348,412
SUBTOTAL	551	138.7	3,677,847	18,785,432	*	959,332
SCIENCE IN SERV OF MAN	5995	1746.9	42,396,941	253,477,857	*	13,111,625
GRAND TOTAL						

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - SARE REGION & WESTERN REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	(INCLUDES SARE-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1981	USDA COE/CT/CA WITH SARE SYS 1981 AMOUNT 1981	
0100 SOIL AND LAND	323	118.6	1,386,487	13,438,845	*	1,166,665
0200 WATER	200	79.1	841,143	9,578,664	*	1,076,439
0300 WATERSHEDS RIVER BAS	48	13.3	75,052	1,567,098	*	185,340
0400 AIR AND CLIMATE	41	29.6	204,937	4,849,983	*	204,216
0500 RECREATION RESOURCES	59	15.4	135,127	1,619,037	*	182,260
0600 TIMBER FORST PRODUCT	443	186.0	2,113,985	19,970,984	*	2,875,701
0700 RANGE	182	50.9	628,799	5,639,162	*	508,392
0800 WILDLIFE AND FISH	210	65.4	470,485	8,952,997	*	909,171
0900 CITRUS SUB TROP FRUT	147	52.8	496,275	7,597,297	*	107,141
1000 FRUIT NUTS DECIDUOUS	287	101.5	1,542,510	14,647,774	*	273,557
1100 POTATOES	100	27.5	367,195	3,658,343	*	256,196
1200 VEGETABLES	374	108.3	1,579,450	14,659,774	*	717,609
1300 ORNAMENTALS TURF	148	45.2	529,114	5,099,221	*	66,666
1400 CORN	57	11.6	131,048	1,535,958	*	20,743
1500 GRAIN SORGHUM	28	4.3	58,091	559,768	*	3,619
1600 RICE	20	4.9	26,358	781,294	*	27,041
1700 WHEAT	189	45.3	722,468	6,164,746	*	517,564
1800 OTHER SMALL GRAINS	146	27.4	531,321	4,060,014	*	247,512
1900 PASTURE	26	3.1	51,355	550,223	*	6,520
2000 FORAGE CROPS	230	59.9	1,124,702	7,867,896	*	341,037
2100 COTTON	87	35.1	385,235	4,280,036	*	85,394
2200 COTTONSEED	4	1.7	30,412	257,071	*	44,328
2300 SOYBEANS	25	4.0	43,252	694,407	*	71,835
2400 PEANUTS	8	2.0	1,246	119,093	*	31,444
2500 OTHER OILSEED CROPS	47	12.1	159,487	1,940,329	*	177,480
2700 SUGAR CROPS	64	13.0	135,585	1,593,817	*	167,148
2800 MISC NEW CROPS	71	15.0	595,604	2,586,641	*	128,307
2900 POULTRY	93	26.2	504,700	3,775,991	*	71,389
3000 BEEF CATTLE	316	111.4	3,289,099	18,102,130	*	1,238,681
3100 DAIRY CATTLE	180	40.0	1,178,020	7,936,230	*	749,129
3200 SWINE	55	9.8	202,831	2,017,333	*	93,381
3300 SHEEP AND WOOL	118	29.9	745,096	4,176,944	*	356,710
3400 OTHER ANIMALS	69	16.4	217,329	2,500,350	*	116,335
3500 BEES AND HONEY	23	9.0	95,567	929,829	*	84,771
3600 FARM SUPP & FACILITS	12	2.2	89,352	429,906	*	0
3700 CLOTHING & TEXTILES	15	3.3	25,954	263,664	*	0
3800 FOOD	101	34.9	502,145	4,660,164	*	682,430
3900 HOUSING & EQUIP	46	8.9	121,630	926,475	*	57,512
4000 PEOPLE AS INDIVIDUAL	149	40.9	433,107	5,951,410	*	527,867
4100 FAMILY MEMBERS	52	10.6	243,845	997,767	*	12,862
4200 FARM AS BUSINESS	31	16.4	204,844	1,141,597	*	59,141
4300 SOC POLIT ORGANIZ	75	19.1	273,468	1,690,482	*	39,906
4400 AGRIC ECONOMY U S	27	14.7	107,506	1,362,469	*	138,182
4500 AGRIC ECONOMY FORGN	10	2.6	22,176	389,838	*	61,023
4600 FARM COOPERATIVES	6	0.8	5,403	53,088	*	4,868
4700 OTH MARKET PROCESS	5	0.5	17,402	51,346	*	9,099
4800 MARKETING SYSTEMS	10	3.0	19,354	310,258	*	16,525
6100 WEEDS	18	1.8	35,588	362,023	*	117,484
6200 SEED RESEARCH	13	2.3	15,530	291,759	*	48,869
6300 BIO CELL SYSTEMS	56	22.7	156,814	3,286,826	*	78,924
6400 EXP DESIGN/STAT METH	23	5.4	47,086	897,951	*	44,248
6500 INVERTEBRATES	116	42.5	323,579	5,891,228	*	86,597
6600 MICROORGANISMS, VIRUS	65	17.2	111,523	2,667,098	*	95,738
6700 PLANTS	266	81.2	908,791	11,842,349	*	756,107
6800 ANIMALS (VERTEBRATES)	117	69.0	375,616	10,787,856	*	201,539
6900 RESEARCH ON RSCH MGN	12	4.5	53,817	502,451	*	21,521
7000 RSCH EQUIP & TECHNOL	32	10.6	52,111	1,412,023	*	139,944
9900 UNCLASSIFIED	15	0.3	377,819	435,595	*	0
TOTAL	5690	1790.6	25,123,824	240,315,500	*	16,310,105

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION
(INCLUDES SAES-FORESTRY SCB-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FPD APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GR/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	50	17.3	208,937	2,080,582	*	112,882
102 SOIL PLMT WTR NUTRI	167	55.8	734,179	6,556,964	*	366,785
103 HGHT OF SALINE SOIL	37	11.1	134,417	1,620,863	*	99,929
104 ALTERN USE OF LAND	62	27.5	269,645	2,412,048	*	258,552
105 CONSERV USE OF WATE	109	39.6	377,854	3,973,626	*	599,549
106 DRAIN AND IRRIGATIO	51	17.2	201,112	2,035,668	*	283,874
107 WATERSHED PROT & MG	84	27.4	195,793	3,525,655	*	562,402
108 ECON LEG PROB OF WA	15	8.8	43,107	1,121,786	*	50,677
109 WEATHER ADAPT & MOD	45	31.2	297,309	4,803,937	*	207,167
110 APPRAIS FORST & RAN	65	12.9	157,591	1,489,247	*	319,516
111 BIOL CULT HGHT FORS	143	51.3	579,176	5,663,672	*	922,718
112 IMPROV RANGE RESOR	114	33.2	398,780	3,625,969	*	174,879
113 REMOTE SENSING	17	6.0	20,127	698,083	*	125,956
114 RSCH ON HGHT OF RSC	11	4.3	53,817	480,609	*	10,730
SUBTOTAL	970	343.6	3,671,843	40,088,708	*	4,095,614
SERIES 200						
201 CNTRL FORST INSECTS	69	16.6	211,640	1,944,399	*	361,238
202 CONTROL FOREST DIS	39	10.5	204,478	1,264,575	*	205,619
203 FOREST FIRE PROTECT	7	1.3	9,221	117,411	*	12,922
204 CNTR PESTS FRT & VE	134	46.0	563,829	6,478,758	*	280,607
205 CNTR DISE FRT & VEG	208	71.6	869,781	9,887,383	*	273,274
206 CNTR WEEDS FRT & VE	59	11.9	176,196	1,862,027	*	187,542
207 CNTR PESTS FLD CROP	124	38.7	593,380	4,874,961	*	377,191
208 CNTR DIS FIELD CROP	142	38.1	543,123	5,217,167	*	213,923
209 CNTR WEEDS FLD CROP	79	21.9	333,766	2,859,259	*	299,948
210 CNTR PESTS ANIMALS	25	4.2	120,630	562,725	*	5,625
211 CONTR DIS ANIMALS	157	91.7	1,445,470	13,873,414	*	1,321,310
212 CNTR INTER PARASITE	26	9.4	352,308	1,274,116	*	162,289
213 PROT ANHLS FROM TOX	32	6.9	71,185	1,380,644	*	211,014
214 PROTECT FROM POLLUT	72	23.6	254,643	4,074,612	*	410,718
SUBTOTAL	1173	392.2	5,749,650	55,671,449	*	4,323,220
SERIES 300						
301 GENET BREED FORST T	31	16.8	262,035	1,921,083	*	296,638
302 IMP FOREST ENG SYS	17	6.6	29,208	707,068	*	113,865
303 ECON TIMBER PRODUCT	17	6.7	49,178	949,546	*	142,284
304 IMP BIO EFF FRT & V	291	85.9	1,201,876	12,905,381	*	371,957
305 HECH PROD FRT & VEG	36	7.2	89,935	951,421	*	34,935
306 PROD HGHT SYS F & V	27	6.5	86,498	599,099	*	54,375
307 IMP BIO EFF FLD CRP	303	101.3	1,647,613	14,351,854	*	645,764
308 HECH PROD FIELD CRO	12	3.8	40,045	437,189	*	25,183
309 PROD HGHT SYS FLD C	38	9.5	233,582	1,390,668	*	167,148
310 ANIMAL REPRODUCTION	86	29.8	1,069,804	6,329,912	*	385,067
311 IMP BIO EFF ANHL PR	195	71.1	1,721,704	13,507,251	*	101,594
312 ENV STRESS IN ANHL	39	12.0	229,184	2,148,574	*	82,069
313 PROD HGHT SYS ANHL	46	12.6	292,817	1,744,710	*	115,118
314 BEES OTH POLLWTNG I	23	9.0	95,567	929,829	*	84,771
315 IMP STRUC FARM SUPP	15	3.2	83,726	641,872	*	18,616
316 FARM BUSINESS MGMT	17	12.2	111,049	791,196	*	56,246
317 HECH/STRUCTS ANHL P	4	0.5	4,352	40,209	*	667
318 NON-COM BIO TECH/BI	330	123.1	924,318	17,990,131	*	460,623
SUBTOTAL	1527	517.9	8,172,491	78,336,993	*	3,156,921
SERIES 400						
401 NEW IMP FOREST PROD	77	38.4	393,191	3,483,984	*	163,633
402 PROD F & V IMP ACCE	83	17.4	237,332	2,793,581	*	53,470
403 NEW & IMP F&V PROD	59	17.3	202,772	2,107,744	*	77,086
404 HKT QUAL FRTS & VEG	59	19.0	265,210	2,692,493	*	30,029
405 PROD FLD CROP IMP A	46	14.3	288,329	2,069,498	*	94,911
406 NEW IMP FOOD FLD CR	21	7.3	89,115	935,150	*	0
407 NEW IMP NON-FOOD FC	14	3.4	21,880	531,904	*	18,585
408 HKT QUAL FIELD CROP	14	2.7	57,286	430,181	*	45,122
409 PROD ANHL PR IMP AC	28	8.0	225,709	888,094	*	0
410 IMP HEAT MILK EGG P	33	11.0	266,414	1,213,653	*	3
411 IMP NON-FOOD ANHL P	7	2.0	24,879	151,160	*	0
412 HKT QUAL ANIMAL PRO	21	3.4	82,906	397,958	*	21,934
SUBTOTAL	462	144.3	2,155,025	17,695,400	*	504,771
SERIES 500						
501 IMP GRADES & STANDS	11	4.1	97,951	352,773	*	14,803
502 HKTG TIMBER PRODDCT	7	2.5	20,895	171,629	*	8,195
503 HKTG EFF AGRI PRODS	37	11.1	245,924	800,293	*	101,561
506 SPLY DEMAND AND PRI	34	15.0	254,680	1,193,068	*	70,238
507 COMP REL IN AGRIC	10	6.2	52,331	354,541	*	52,495
508 DOMESTIC HKT DEVELP	8	2.7	25,154	292,087	*	109,793
509 PERFORMANCE HKTG SY	18	4.6	67,723	384,103	*	20,461
510 GROUP ACT HKT POWER	4	0.6	3,150	32,876	*	3,398
511 IMP AGRIC STATISTIC	8	2.7	12,250	341,188	*	42,297
512 IMP GRADES FRST PRO	8	3.5	6,550	519,025	*	213,331
513 PRICE ANAL FRST PRO	9	2.6	35,678	230,906	*	22,626
SUBTOTAL	154	55.5	822,285	4,672,488	*	659,198
SERIES 600						
601 FGM HKT DEVELP	11	3.1	54,557	392,987	*	31,653
602 EVAL FGM FOOD AID P	1	0.4	0	43,684	*	21,582
603 TECH AID DEV CRTY	19	3.5	1,748	451,256	*	113,394
604 PRD DVLPH/TKTG PRG	4	0.2	3,871	11,812	*	0
SUBTOTAL	35	7.2	60,175	899,739	*	166,629
SERIES 700						
701 TOX RES IN FOOD	62	13.0	208,830	2,394,739	*	449,889
702 FOOD PROT FROM TOX	41	16.4	211,911	2,767,815	*	107,601
703 FOOD CONSUMP HABITS	29	10.3	177,165	1,315,729	*	157,165
704 HOME CORN FOOD SERV	6	0.9	22,734	70,120	*	0
705 SEL CARE CLOTH & TE	12	3.2	23,304	253,504	*	0
706 CNTR INSECTS APP H	40	12.9	201,096	1,963,499	*	13,243
707 TRANS ANHL HAN DI	3	1.2	8,250	191,324	*	0
708 HUMAN NUTRITION	79	33.0	379,371	5,228,458	*	899,636
709 REDUCE HAZ HLTH & S	15	3.6	10,665	483,295	*	0
SUBTOTAL	287	94.4	1,243,325	14,668,481	*	1,627,534

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPE/ CSRS ADJSTRD (GROSS) 1981	(INCLUDES SAES-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES ABOUT 1981
SERIES 800						
801 RURAL HOUSING	20	2.2	51,990	198,462	*	2,087
802 INDIV & FAN DEC MAK	47	7.8	211,979	721,632	*	14,058
803 RURAL POVERTY	9	2.7	23,781	109,892	*	12,359
804 ECON POTENT RURL PE	19	4.2	56,817	322,217	*	5,236
805 COMMUNICAT RURAL PE	22	3.7	48,351	462,451	*	0
806 ADJUSTMENT TO CHANG	44	10.3	160,797	928,661	*	12,560
807 AGRIC ECONOMIC CHAN	32	14.3	164,636	1,374,930	*	88,576
808 GOV'T PROGRAMS	10	2.2	32,872	320,411	*	516
SUBTOTAL	203	47.5	751,222	4,438,655	*	135,393
SERIES 900						
901 ALLEV POLLUTION	125	42.0	625,778	6,122,034	*	364,828
902 OUTDOOR RECREATION	57	15.4	127,051	1,568,726	*	149,161
903 MULTI-USE-FOREST PO	33	4.3	102,438	548,023	*	95,533
904 WLDLFE AND FISH ECO	177	57.7	395,769	7,830,977	*	871,391
905 TREES BEAUTIFICATIO	33	9.8	117,311	1,087,523	*	53,577
906 ORNAHENT & TURF DEV	143	43.2	507,993	4,817,665	*	66,610
907 RURAL INCOME IHP	25	5.0	87,922	523,351	*	19,150
908 RURAL INSTITUT IHP	43	10.5	155,727	909,693	*	20,575
909 UNCLASSIFIED	15	0.3	377,819	435,595	*	0
SUBTOTAL	651	188.2	2,497,808	23,843,587	*	1,640,826
SCIENCE IN SERV OF MAN						
GRAND TOTAL	5462	1790.6	25,123,824	240,315,500	*	16,310,105

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COR/GR/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	1100	342.0	6,128,867	41,880,080	*	2,121,799
0200 WATER	659	182.9	2,608,161	21,996,101	*	1,528,781
0300 WATERSHEDS RIVER BAS	125	30.9	445,188	3,798,106	*	224,149
0400 AIR AND CLIMATE	127	47.7	685,904	7,306,918	*	199,240
0500 RECREATION RESOURCES	125	36.2	591,607	3,146,229	*	303,787
0600 TIMBER FORST PRODUCT	994	369.5	8,485,989	41,871,172	*	2,928,273
0700 RANGE	265	80.3	1,104,965	8,969,266	*	561,558
0800 WILDLIFE AND FISH	594	175.8	2,406,190	26,121,559	*	1,607,273
0900 CITRUS SUB TROP FRUIT	280	131.2	1,120,540	15,355,693	*	372,226
1000 FRUIT NUTS DECIDUOUS	1008	344.4	6,484,772	42,870,459	*	882,483
1100 POTATOES	296	82.7	1,737,718	10,125,173	*	611,833
1200 VEGETABLES	1327	422.9	8,115,539	50,504,918	*	1,602,568
1300 ORNAMENTALS TURF	607	224.9	3,786,271	23,173,908	*	173,489
1400 CORN	911	207.7	5,040,010	27,542,534	*	1,255,705
1500 GRAIN SORGHUM	324	66.6	959,689	8,210,062	*	726,410
1600 RICE	124	44.0	421,323	5,158,435	*	77,423
1700 WHEAT	661	160.1	2,750,323	19,895,127	*	1,209,471
1800 OTHER SMALL GRAINS	404	78.5	1,527,959	10,662,646	*	458,413
1900 PASTURE	155	30.9	700,421	4,382,358	*	290,914
2000 FORAGE CROPS	891	251.3	5,973,923	32,966,340	*	1,311,049
2100 COTTON	372	139.7	2,241,738	16,786,593	*	687,954
2200 COTTONSEED	21	5.1	82,116	530,363	*	51,600
2300 SOYBEANS	867	222.7	4,552,932	28,690,736	*	1,412,531
2400 PEANUTS	155	39.4	531,952	5,426,234	*	192,870
2500 OTHER OILSEED CROPS	138	31.9	383,706	3,926,854	*	231,755
2600 TOBACCO	155	60.4	1,018,247	7,894,236	*	98,848
2700 SUGAR CROPS	172	51.6	985,601	6,397,981	*	191,631
2800 MISC NEW CROPS	46	9.6	380,549	1,759,588	*	115,904
2800 MISC NEW CROPS	110	22.0	585,516	2,441,668	*	52,492
2900 POULTRY	722	229.1	6,775,488	32,465,097	*	847,684
3000 BEEF CATTLE	1335	416.6	12,747,736	79,530,593	*	3,694,291
3100 DAIRY CATTLE	1133	315.2	10,173,480	55,825,759	*	2,383,359
3200 SWINE	589	167.6	5,208,629	31,780,903	*	1,085,755
3300 SHEEP AND WOOL	86	19.2	329,321	2,923,718	*	187,142
3300 SHEEP AND WOOL	258	53.2	1,673,770	9,093,423	*	396,279
3400 OTHER ANIMALS	378	93.3	1,629,822	12,688,516	*	603,497
3500 BEES AND HONEY	45	17.3	182,494	1,653,050	*	158,334
3600 FARM SUPP & FACILITS	97	22.8	467,504	3,347,417	*	41,018
3700 CLOTHING & TEXTILES	61	16.9	336,331	1,383,752	*	6,426
3800 FOOD	477	151.5	3,546,970	19,250,575	*	1,273,970
3900 HOUSING & EQUIP	212	55.3	826,901	6,257,557	*	299,591
4000 PEOPLE AS INDIVIDUAL	575	165.8	2,930,431	18,631,206	*	922,412
4100 FAMILY MEMBERS	235	70.4	1,238,210	5,997,023	*	29,967
4200 FARM AS BUSINESS	210	67.7	1,475,045	5,715,345	*	375,592
4300 SOC POLIT ORGANIZ	377	108.7	2,618,971	10,391,999	*	639,354
4400 AGRIC ECONOMY U S	127	44.8	654,406	4,105,060	*	429,586
4500 AGRIC ECONOMY FORGN	30	8.9	51,323	1,037,423	*	356,282
4600 FARM COOPERATIVES	33	6.1	136,808	504,537	*	49,130
4700 OTH MARKET PROCESS	36	8.1	109,070	783,495	*	74,074
4800 MARKETING SYSTEMS	100	30.5	727,186	2,626,701	*	255,669
6100 WEEDS	58	11.2	196,122	1,374,654	*	208,323
6200 SEED RESEARCH	41	12.4	98,696	1,475,739	*	54,788
6300 BIO CELL SYSTEMS	248	97.1	1,149,452	12,823,489	*	204,831
6400 EXP DESIGN/STAT METH	77	26.1	221,194	3,521,292	*	709,120
6500 INVERTEBRATES	284	108.4	1,192,711	12,094,168	*	180,436
6600 MICROORGANISMS, VIRUS	265	85.9	1,286,009	11,839,804	*	293,487
6700 PLANTS	744	239.9	3,681,636	34,486,710	*	3,342,220
6800 ANIMALS (VERTEBRATES)	424	159.1	1,798,806	22,880,202	*	744,567
6900 RESEARCH ON RSCH MGH	36	16.1	169,776	1,668,094	*	52,882
7000 RSCH EQUIP & TECHNOL	106	27.5	278,533	3,346,186	*	237,180
9900 UNCLASSIFIED	43	4.2	1,692,719	2,175,432	*	348,412
TOTAL	22455	6750.0	137,443,266	893,470,255	*	41,968,088

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF YEARS PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COR/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	208	74.1	1,145,869	8,960,578	*	194,431
102 SOIL PLWT NTR NUTRI	599	186.9	3,410,894	23,334,894	*	1,195,098
103 NGMT OF SALINE SOIL	60	16.4	185,379	2,071,923	*	99,929
104 ALTERN USE OF LAND	178	55.1	982,445	5,221,070	*	430,702
105 CONSERV USE OF WATE	282	81.1	1,086,100	8,747,727	*	982,436
106 DRAIN AND IRRIGATIO	137	37.5	542,770	4,715,450	*	396,813
107 WATERSHED PROT & MG	158	46.7	744,371	6,522,945	*	585,343
108 ECON LEG PROD OF WA	42	18.9	120,667	2,093,701	*	70,369
109 WEATHER ADAPT & MOD	129	50.5	850,708	7,572,987	*	256,769
110 APPRAIS FORST & RW	122	25.9	454,260	3,013,255	*	361,910
111 BIOL CULT NGMT FORS	293	94.8	2,248,212	10,038,993	*	431,540
112 IMPROV RANGE RESOR	164	52.5	698,362	5,914,158	*	175,255
113 REMOTE SENSING	45	12.6	114,977	1,629,115	*	195,613
114 NSCH ON NGMT OF NSC	34	14.2	169,776	1,325,304	*	42,091
SUBTOTAL	2451	767.1	12,754,789	91,162,100	*	5,418,298
SERIES 200						
201 CNTRL FORST INSECTS	156	40.5	978,124	4,876,304	*	589,711
202 CNTRL FORST DIS	109	33.5	923,813	3,557,827	*	244,436
203 FOREST FIRE PROTECT	8	1.4	11,929	142,207	*	8,471
204 CNTR PESTS FRT & VE	418	134.5	2,075,994	16,034,638	*	933,565
205 CNTR DISE FRT & VEG	729	239.0	3,644,781	27,887,183	*	1,105,605
206 CNTR WEEDS FRT & VE	173	41.6	787,664	5,633,261	*	252,163
207 CNTR PESTS FLD CROP	556	188.5	3,862,159	22,307,729	*	1,262,969
208 CNTR DIS FIELD CROP	743	228.7	4,512,594	26,265,397	*	1,207,830
209 CNTR WEEDS FLD CROP	327	103.5	2,109,870	14,593,870	*	753,215
210 CNTR PESTS ANNHLS	131	33.3	732,585	4,298,316	*	606,173
211 CNTR DIS ANNHLS	225	71.7	1,700,720	9,734,538	*	1,216,652
212 CNTR DIS ANNHLS	583	220.4	5,968,875	33,205,175	*	3,286,598
213 CNTR INTER PARASITE	105	30.7	890,139	4,488,853	*	367,249
214 PROT ANHLS FROM TOX	118	31.5	599,705	4,819,823	*	482,241
214 PROT FROM POLLUT	225	52.3	971,134	8,692,170	*	1,034,192
SUBTOTAL	4606	1451.2	29,770,085	186,536,491	*	13,351,073
SERIES 300						
301 GENET BREED FORST T	97	33.6	1,156,770	4,356,180	*	102,081
302 IMP FOREST ENG SYS	24	9.6	168,671	1,304,265	*	105,950
303 ECON TIMBER PRODUCT	46	13.6	288,258	1,658,151	*	203,602
304 IMP BIO EFF FRT & V	1004	314.1	5,658,093	41,146,536	*	661,805
305 HECH PROD FRT & VEG	132	31.9	771,657	3,713,009	*	54,449
306 PROD NGMT SYS F & V	103	23.3	345,624	2,384,472	*	125,753
307 IMP BIO EFF FLD CROP	351	123.3	1,694,245	16,759,155	*	494,538
307 IMP BIO EFF FLD CROP	1192	487.3	9,138,642	68,434,231	*	2,867,186
308 HECH PROD FIELD CRO	96	29.2	632,979	3,644,727	*	122,718
309 PROD NGMT SYS FLD C	293	75.2	1,705,076	10,554,832	*	340,524
310 ANIMAL REPRODUCTION	472	176.7	5,595,237	32,132,170	*	673,274
311 IMP BIO EFF ANHL PR	1206	454.8	13,739,920	97,609,128	*	1,498,488
312 ENV STRESS IN ANHL	187	48.8	1,293,087	7,998,783	*	209,573
313 PROD NGMT SYS ANHL	284	62.4	1,729,631	11,593,061	*	270,646
314 BEES OTH POLLWING I	45	17.3	182,494	1,653,050	*	158,334
315 IMP STRUC FARM SUPP	143	39.4	665,822	5,954,537	*	332,648
316 FARM BUSINESS NGMT	148	51.9	1,024,901	4,296,855	*	353,446
317 HECH/STRUCTS ANHL P	73	16.7	316,490	2,052,670	*	47,683
318 NON-COM BIO TECH/BI	1072	440.7	5,118,689	55,447,082	*	986,944
SUBTOTAL	6968	2449.7	51,226,286	372,632,893	*	9,609,841
SERIES 400						
401 NEW IMP FOREST PROD	120	66.6	1,131,121	7,337,668	*	521,397
402 PROD F & V IMP ACCE	269	59.7	871,474	7,086,276	*	68,059
403 NEW & IMP F&V PROD	186	61.0	1,230,535	6,600,875	*	119,717
404 HKT QUAL FRTS & VEG	167	48.6	1,211,737	6,202,730	*	64,559
405 PROD FLD CROP IMP A	265	75.9	1,682,934	10,104,422	*	400,839
406 NEW IMP FOOD FLD CR	135	41.1	789,920	4,988,009	*	51,749
407 NEW IMP NON-FOOD PC	81	22.4	615,951	3,045,308	*	60,986
408 HKT QUAL FIELD CROP	102	20.5	468,692	2,459,274	*	257,968
409 PROD ANHL PR IMP AC	159	36.9	1,609,756	6,317,383	*	86,089
410 IMP HEAT HLK EGG P	258	77.8	1,975,001	10,113,016	*	90,361
411 IMP NON-FOOD ANHL P	26	7.2	122,404	740,839	*	134,694
412 HKT QUAL ANIMAL PRO	109	27.1	696,193	3,179,247	*	75,694
SUBTOTAL	1877	544.7	12,405,719	68,175,048	*	1,932,113
SERIES 500						
501 IMP GRADES & STANDS	62	19.0	414,797	1,922,049	*	31,334
502 HKTG TIMBER PRODUCT	26	5.3	143,697	506,890	*	72,403
503 HKTG EFF AGRI PRODS	198	58.1	1,391,429	4,820,021	*	387,523
506 SPLY DEMAND AND PRI	171	58.0	1,397,412	5,106,559	*	324,084
507 COMP REL IN AGRIC	65	20.2	425,979	1,348,405	*	190,093
508 DOMESTIC HKT DEVELP	34	10.1	153,454	1,024,474	*	124,580
509 PERFORMANCE HKTG SY	142	49.2	1,217,984	4,045,143	*	310,290
510 GROUP ACT HKT POWER	24	5.1	110,512	416,440	*	40,815
511 IMP AGRIC STATISTIC	35	7.8	89,789	1,521,261	*	691,551
512 IMP GRADES FRST PRO	11	3.9	41,407	558,837	*	224,915
513 PRICE ANHL FRST PRO	16	4.2	58,459	364,406	*	31,538
SUBTOTAL	784	240.9	5,444,918	21,634,484	*	2,429,126
SERIES 600						
601 FGM HKT DEVELP	52	14.0	332,977	1,465,853	*	145,860
602 EVAL FGM FOOD AID P	4	0.7	0	70,729	*	26,074
603 TECH AID DEV CRTY	61	16.5	23,273	1,833,748	*	371,480
604 PRD DVLPT/HKTG FRC	8	1.0	4,376	63,456	*	0
SUBTOTAL	125	32.2	360,626	3,433,786	*	543,414
SERIES 700						
701 TOX RES IN FOOD	177	48.4	1,102,329	7,661,642	*	2,280,001
702 FOOD PROT FROM TOX	190	59.4	1,377,107	9,076,901	*	347,115
703 FOOD CONSUMP HABITS	110	31.0	672,279	3,263,651	*	269,576
704 HOME COOK FOOD SERV	49	13.8	361,594	1,474,544	*	59,955
705 SEL CARE CLOTH & TB	51	13.4	247,430	1,121,600	*	5,191
706 COSTR INSECTS AFF H	129	42.3	810,391	5,003,334	*	66,370
707 TRANS ANHL HAN DI	26	4.2	74,558	1,301,488	*	28,039
708 HUMAN NUTRITION	335	111.7	2,281,023	15,005,725	*	1,498,089
709 REDUCE HAZ HLTH & S	58	16.2	184,626	1,691,835	*	31,333
SUBTOTAL	1125	340.3	7,111,338	45,599,912	*	4,585,668

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/CT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 800						
801 RURAL HOUSING	59	11.4	230,483	1,136,951	*	2,087
802 INDIV & FAN DEC MAK	177	45.4	808,624	4,328,261	*	23,349
803 RURAL POVERTY	25	6.4	167,278	446,162	*	16,148
804 ECON POTENT RURAL PE	82	27.8	431,955	2,019,604	*	43,865
805 COMMUNICAT RURAL PE	112	36.7	369,908	3,129,274	*	25,002
806 ADJUSTMENT TO CHANG	169	51.9	1,017,157	3,988,866	*	22,312
807 AGRIC ECONOMIC CHAN	152	46.0	942,054	4,495,443	*	224,636
808 GOV'T PROGRAMS	51	9.8	201,464	1,021,097	*	24,575
SUBTOTAL	827	235.5	4,168,923	20,565,659	*	381,973
SERIES 900						
901 ALLEV POLLUTION	518	156.9	3,119,251	21,269,405	*	640,201
902 OUTDOOR RECREATION	120	38.6	636,392	3,342,888	*	266,027
903 MULTI-USE-FORREST PO	69	15.5	323,224	1,650,365	*	156,461
904 WLDLFE AND FISH ECO	493	145.0	2,041,158	21,881,801	*	1,460,313
905 TREES BEAUTIFICATIO	96	23.2	374,588	2,615,636	*	20,928
906 ORNAMENT & TURF DEV	588	219.2	3,727,348	22,369,248	*	172,448
907 RURAL INCOME IMP	130	31.2	1,052,824	3,221,169	*	267,428
908 RURAL INSTITUT IMP	204	54.6	1,233,078	5,143,938	*	384,365
909 UNCLASSIFIED	43	4.2	1,692,719	2,175,432	*	348,412
SUBTOTAL	2261	688.4	14,200,582	83,669,881	*	3,716,582
SCIENCE IN SERV OF MAN						
GRAND TOTAL	21024	6750.0	137,443,266	893,470,255	*	41,968,086

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	6	3.1	66,827	468,289	*	0
0200 WATER	6	1.9	48,726	200,941	*	2,280
0500 RECREATION RESOURCES	1	0.2	331	10,371	*	0
0600 TIMBER FORST PRODUCT	27	14.5	395,012	1,285,988	*	18,978
0800 WILDLIFE AND FISH	23	12.2	169,920	1,881,204	*	4,579
1000 FRUIT NUTS DECIDUOUS	12	6.3	163,768	678,980	*	0
1100 POTATOES	4	0.7	12,191	88,660	*	0
1200 VEGETABLES	14	6.1	152,922	531,549	*	996
1300 ORNAMENTALS TURF	7	4.4	105,186	357,921	*	0
1400 CORN	10	2.7	76,060	271,821	*	0
1500 GRAIN SORGHUM	7	1.2	19,714	124,632	*	0
1700 WHEAT	5	1.1	11,505	126,025	*	0
1800 OTHER SMALL GRAINS	4	0.6	13,217	74,157	*	0
1900 PASTURE	2	0.6	13,852	100,197	*	0
2000 FORAGE CROPS	13	6.9	172,422	805,262	*	14,323
2100 COTTON	16	4.1	150,139	524,370	*	8,911
2200 COTTONSEED	1	0.1	5,464	9,852	*	0
2300 SOYBEANS	19	10.2	178,440	1,070,504	*	1,494
2400 PEANUTS	8	3.1	74,251	380,194	*	2,491
2500 OTHER OILSEED CROPS	1	0.3	0	61,505	*	0
2900 POULTRY	16	7.1	285,703	1,078,121	*	37,640
3000 BEEF CATTLE	30	15.5	400,204	2,750,312	*	195,100
3100 DAIRY CATTLE	17	4.4	156,545	1,058,405	*	141,713
3200 SWINE	15	10.4	280,369	1,745,822	*	11,169
3400 OTHER ANIMALS	1	0.4	23,139	40,560	*	0
3700 CLOTHING & TEXTILES	2	0.7	19,593	52,769	*	0
3800 FOOD	5	1.6	42,735	117,643	*	0
3900 HOUSING & EQUIP	3	0.9	27,500	73,243	*	6,387
4000 PEOPLE AS INDIVIDUAL	3	2.0	69,509	117,392	*	0
4100 FAMILY MEMBERS	1	0.3	13,664	20,609	*	0
4200 FARM AS BUSINESS	6	1.2	36,998	104,810	*	0
4300 SOC POLIT ORGANIZ	3	0.8	5,148	23,348	*	0
4400 AGRIC ECONOMY U S	2	0.5	18,332	37,905	*	0
4800 MARKETING SYSTEMS	3	1.0	56,853	96,421	*	0
6100 WEEDS	1	0.8	3,909	71,583	*	9,849
6500 INVERTEBRATES	3	1.2	12,884	79,508	*	0
6600 MICROORGANISMS, VIRUS	4	1.0	18,386	45,466	*	0
6700 PLANTS	5	3.2	107,566	342,924	*	25,125
6800 ANIMALS (VERTEBRATES)	4	0.7	13,950	51,971	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	13,471	13,471	*	0
9900 UNCLASSIFIED	2	0.0	39,478	39,478	*	0
TOTAL	313	133.8	3,475,882	17,014,178	*	481,035

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	8	1.3	57,969	292,502	*	100,587
0200 WATER	1	0.0	2,476	2,476	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	5,647	5,647	*	0
0400 AIR AND CLIMATE	2	0.2	32,210	108,650	*	0
0500 RECREATION RESOURCES	1	0.7	3,369	95,290	*	0
0600 TIMBER FORST PRODUCT	3	0.8	140,262	283,513	*	0
0700 RANGE	2	0.1	14,749	45,168	*	0
0800 WILDLIFE AND FISH	2	0.1	14,855	14,855	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.1	32,648	65,409	*	0
1100 POTATOES	1	0.1	0	5,971	*	0
1200 VEGETABLES	2	0.1	29,291	60,570	*	0
1300 ORNAMENTALS TURF	2	0.3	29,200	115,648	*	0
1700 WHEAT	4	0.3	15,117	56,815	*	0
1800 OTHER SMALL GRAINS	8	0.9	49,040	208,456	*	50,293
1900 PASTURE	2	0.1	24,876	102,920	*	0
2000 FORAGE CROPS	3	0.4	80,761	317,969	*	0
2500 OTHER OILSEED CROPS	5	0.9	48,993	152,851	*	50,293
2800 MISC NEW CROPS	1	0.0	1,636	1,636	*	0
3000 BEEF CATTLE	1	0.0	0	3,266	*	0
3100 DAIRY CATTLE	5	0.5	173,435	578,304	*	0
3200 SWINE	1	0.5	43,300	157,778	*	0
3600 FARM SUPP & FACILITS	1	0.2	47,881	183,953	*	0
3900 HOUSING & EQUIP	1	0.1	10,579	42,648	*	0
4200 FARM AS BUSINESS	1	0.1	4,348	19,878	*	0
6700 PLANTS	2	0.2	22,105	51,259	*	4,548
6800 ANIMALS (VERTEBRATES)	2	0.1	11,052	27,903	*	4,548
9900 UNCLASSIFIED	1	0.0	21,162	21,162	*	0
TOTAL	64	8.2	916,959	3,022,497	*	210,269

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ARKANSAS PAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	28	4.5	85,697	758,195	*	20,196
0200 WATER	20	3.8	82,147	438,231	*	6,025
0300 WATERSHEDS RIVER BAS	8	0.7	19,153	76,674	*	8,305
0400 AIR AND CLIMATE	5	0.3	10,456	54,810	*	0
0500 TIMBER FORST PRODUCT	33	10.1	306,045	982,202	*	79,617
0700 RANGE	2	0.4	9,729	14,736	*	0
0800 WILDLIFE AND FISH	5	0.6	19,934	75,411	*	0
1000 FRUIT NUTS DECIDUOUS	27	4.7	160,069	812,962	*	4,775
1100 POTATOES	1	0.0	0	9,975	*	0
1200 VEGETABLES	30	6.4	216,194	825,377	*	5,761
1300 ORNAMENTALS TURP	10	2.0	32,995	212,086	*	804
1400 CORN	8	1.0	24,538	128,736	*	9,518
1500 GRAIN SORGHUM	10	1.0	19,518	136,040	*	4,427
1600 RICE	19	5.2	56,725	1,047,718	*	20,783
1700 WHEAT	13	1.9	44,205	324,489	*	365
1800 OTHER SMALL GRAINS	5	0.6	15,293	124,350	*	354
1900 PASTURE	6	0.5	18,731	127,974	*	108
2000 FORAGE CROPS	16	2.0	32,429	298,491	*	10,931
2100 COTTON	31	11.0	217,977	1,615,269	*	74,379
2300 SOYBEANS	47	15.7	287,204	2,522,986	*	12,080
2400 PEANUTS	2	0.1	0	20,773	*	402
2800 MISC NEW CROPS	3	0.4	16,844	40,306	*	0
2900 POULTRY	40	10.1	342,971	1,286,729	*	2,265
3000 BEEF CATTLE	37	7.5	236,891	1,465,799	*	96,085
3100 DAIRY CATTLE	20	3.9	227,495	791,335	*	1,562
3200 SWINE	17	1.8	68,568	344,912	*	731
3300 SHEEP AND WOOL	7	0.7	25,242	104,894	*	0
3400 OTHER ANIMALS	13	1.5	36,433	191,916	*	511
3600 FARM SUPP & FACILITS	1	0.5	16,930	29,815	*	0
3700 CLOTHING & TEXTILES	3	0.6	13,827	45,902	*	0
3800 FOOD	5	1.2	22,949	86,242	*	0
3900 HOUSING & EQUIP	6	3.4	24,711	268,353	*	0
4000 PEOPLE AS INDIVIDUAL	11	2.4	28,556	299,930	*	553
4100 FAMILY MEMBERS	7	1.9	16,910	127,198	*	0
4200 FARM AS BUSINESS	3	0.1	4,829	21,878	*	781
4300 SOC POLIT ORGANIZ	5	2.3	85,856	174,604	*	10,024
4600 FARM COOPERATIVES	1	0.0	1,641	3,394	*	0
4700 OTH MARKET PROCESS	1	0.0	1,641	3,394	*	0
4800 MARKETING SYSTEMS	1	0.0	2,188	4,526	*	0
6400 EXP DESIGN/STAT METH	1	0.7	4,213	96,234	*	0
6500 INVERTEBRATES	4	1.6	22,234	135,311	*	0
6600 MICROORGANISMS, VIRUS	5	0.7	30,858	68,615	*	0
6700 PLANTS	7	1.1	21,433	429,849	*	324,429
6800 ANIMALS(VERTEBRATES)	6	0.5	6,685	76,579	*	25,217
7000 RSCH EQUIP & TECHWOL	1	0.1	0	6,792	*	0
9900 UNCLASSIFIED	1	0.0	1,886	1,886	*	0
TOTAL	532	115.3	2,921,629	16,712,974	*	720,988

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	27	12.6	124,151	1,088,687	*	139,248
0200 WATER	26	6.9	109,347	740,127	*	53,176
0300 WATERSHEDS RIVER BAS	4	2.7	6,240	405,347	*	24,382
0400 AIR AND CLIMATE	3	0.9	13,841	62,504	*	0
0500 RECREATION RPSOURCES	7	2.0	20,244	342,038	*	64,777
0600 TIMBER FORST PRODUCT	15	5.0	42,542	458,861	*	141,404
0700 RANGE	18	5.3	49,989	675,694	*	80,136
0800 WILDLIFE AND FISH	8	2.2	25,851	397,765	*	52,852
0900 CITRUS SUB TROP FRUT	11	7.5	39,044	648,900	*	52,315
1000 FRUIT NUTS DECIDUOUS	6	1.5	19,606	138,893	*	1,906
1100 POTATOES	3	0.4	1,849	43,784	*	8,286
1200 VEGETABLES	26	12.3	107,202	1,369,724	*	31,797
1300 ORNAMENTALS TURP	11	3.2	24,240	304,176	*	1,906
1400 CORN	1	0.0	0	4,103	*	0
1500 GRAIN SORGHUM	3	1.2	18,067	161,653	*	0
1700 WHEAT	8	2.1	15,074	230,516	*	0
1900 OTHER SMALL GRAINS	8	1.4	28,820	214,153	*	0
2000 FORAGE CROPS	13	3.2	77,951	417,818	*	0
2100 COTTON	27	16.1	151,175	1,951,556	*	11,770
2200 COTTONSEED	3	1.4	29,549	223,328	*	18,436
2300 SOYBEANS	2	0.0	145	11,373	*	0
2500 OTHER OILSEED CROPS	2	0.2	6,237	18,690	*	0
2700 SUGAR CROPS	5	1.6	9,388	169,185	*	13,643
2800 MISC NEW CROPS	13	3.2	244,560	736,807	*	40,773
2900 POULTRY	7	1.4	30,054	223,218	*	2,659
3000 BEEF CATTLE	25	8.8	149,866	1,012,581	*	31,901
3100 DAIRY CATTLE	18	6.7	150,743	1,001,035	*	141,144
3200 SWINE	9	1.6	19,830	134,404	*	7,976
3300 SHEEP AND WOOL	4	0.8	11,189	76,251	*	21,549
3400 OTHER ANIMALS	5	2.8	33,026	224,537	*	21,549
3700 CLOTHING & TEXTILES	3	0.1	5,709	10,816	*	0
3800 FOOD	3	0.5	10,608	61,815	*	0
3900 HOUSING & EQUIP	6	0.3	2,410	23,298	*	0
4000 PEOPLE AS INDIVIDUAL	15	1.8	10,244	433,626	*	0
4100 FAMILY MEMBERS	14	3.5	50,761	375,449	*	0
4200 FARM AS BUSINESS	4	4.4	7,618	179,185	*	3,508
4300 SOC POLIT ORGANIZ	3	0.3	3,599	59,094	*	0
4400 AGRIC ECONOMY U S	2	0.6	7,776	71,755	*	6,754
4500 AGRIC ECONOMY FORGN	1	0.2	1,567	11,980	*	567
4600 FARM COOPERATIVES	1	0.1	2,167	8,024	*	0
4700 OTH MARKET PROCESS	1	0.2	6,167	22,839	*	0
6300 BIO CELL SYSTEMS	3	1.5	24,750	262,280	*	0
6400 EXP DESIGN/STAT METH	1	0.1	0	62,295	*	0
6500 INVERTEBRATES	5	2.2	5,637	204,529	*	0
6600 MICROORGANISMS, VIRUS	2	0.6	6,772	18,892	*	3,492
6700 PLANTS	7	1.2	25,287	155,313	*	14,425
6800 ANIMALS(VERTEBRATES)	10	7.8	66,612	1,207,113	*	52,970
6900 RESEARCH ON RSCH MGH	1	0.3	0	11,700	*	0
7000 RSCH EQUIP & TECHWOL	2	0.5	6,012	25,397	*	186
9900 UNCLASSIFIED	1	0.0	11,800	11,800	*	0
TOTAL	403	141.2	1,815,312	16,704,907	*	1,045,486

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - CALIFORNIA BERKELEY SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	95	30.2	223,428	4,528,576	*	206,757
0200 WATER	56	16.1	123,435	3,092,227	*	283,308
0300 WATERSHEDS RIVER BAS	7	1.1	4,560	134,446	*	3,279
0400 AIR AND CLIMATE	16	6.8	56,358	1,230,849	*	49,906
0500 RECREATION RESOURCES	12	2.4	16,195	182,785	*	918
0600 TIMBER FORST PRODUCT	96	33.8	387,833	4,612,472	*	226,771
0700 RANGE	29	7.5	44,653	996,722	*	45,985
0800 WILDLIFE AND FISH	60	17.1	103,650	3,319,742	*	66,556
0900 CITRUS SUB TROP FRUT	80	27.7	190,866	5,385,916	*	6,613
1000 FRUIT NUTS DECIDUOUS	126	43.1	308,075	7,642,812	*	114,450
1100 POTATOES	15	3.8	20,133	493,530	*	43,498
1200 VEGETABLES	132	33.5	274,687	6,519,213	*	218,758
1300 ORNAMENTALS TURF	51	13.5	63,796	2,206,215	*	8,915
1400 CORN	18	3.6	22,875	695,858	*	0
1500 GRAIN SORGHUM	9	0.9	7,048	204,449	*	0
1600 RICE	18	4.9	26,358	777,298	*	23,703
1700 WHEAT	23	5.0	56,408	923,932	*	25,860
1800 OTHER SHALL GRAINS	23	3.8	28,341	754,792	*	1,419
1900 PASTURE	5	0.6	3,689	107,820	*	0
2000 FORAGE CROPS	46	12.8	133,630	2,242,641	*	28,683
2100 COTTON	47	13.0	121,354	2,060,190	*	66,948
2300 SOYBEANS	9	2.2	20,607	455,991	*	5,008
2400 PEANUTS	2	0.1	0	13,342	*	5,551
2500 OTHER OILSEED CROPS	15	5.7	46,422	1,034,963	*	86,881
2700 SUGAR CROPS	11	2.3	21,292	446,452	*	8,940
2800 HISC NEW CROPS	7	0.7	15,445	145,373	*	2,450
2900 POULTRY	41	10.8	99,857	1,687,397	*	36,068
3000 BEEF CATTLE	56	12.3	236,388	2,608,525	*	173,642
3100 DAIRY CATTLE	45	9.6	142,287	1,691,489	*	330,713
3200 SWINE	7	0.9	5,548	207,200	*	4
3300 SHEEP AND WOOL	27	4.9	72,142	866,430	*	143,855
3400 OTHER ANIMALS	26	5.7	59,362	1,018,862	*	24,175
3500 BEES AND HONEY	9	4.1	18,871	462,000	*	8,753
3600 FARM SUPP & FACILITS	2	0.6	3,500	40,290	*	0
3700 CLOTHING & TEXTILES	10	3.0	17,734	241,170	*	0
3800 FOOD	48	12.7	148,176	2,368,837	*	438,754
3900 HOUSING & EQUIP	11	1.6	10,151	203,351	*	5,227
4000 PEOPLE AS INDIVIDUAL	69	22.4	169,682	3,838,323	*	373,363
4100 FAMILY MEMBERS	7	2.4	27,033	196,764	*	0
4200 FARM AS BUSINESS	7	1.7	38,540	183,270	*	0
4300 SOC POLIT ORGANIZ	20	4.6	22,577	461,463	*	0
4400 AGRIC ECONOMY U S	11	2.2	23,426	300,419	*	22,372
4500 AGRIC ECONOMY FORGN	7	1.9	20,609	312,332	*	28,083
4600 FARM COOPERATIVES	2	0.5	2,250	20,115	*	148
4700 OTH MARKET PROCESS	1	0.0	0	1,953	*	0
4800 MARKETING SYSTEMS	7	0.8	1,929	81,100	*	8,751
6100 WEEDS	4	0.4	5,075	165,949	*	91,301
6200 SEED RESEARCH	3	0.7	2,501	95,928	*	0
6300 BIO CELL SYSTEMS	40	16.8	46,851	2,418,699	*	0
6400 EXP DESIGN/STAT METH	13	4.6	12,000	490,895	*	30,286
6500 INVERTEBRATES	83	32.0	164,055	4,782,770	*	43,159
6600 MICROORGANISMS, VIRUS	38	12.0	73,256	1,776,630	*	12,267
6700 PLANTS	153	45.8	301,588	7,244,924	*	366,161
6800 ANIMALS (VERTEBRATES)	66	18.0	100,736	3,041,257	*	51,323
6900 RESEARCH ON RSCH MGN	6	1.2	51,614	195,311	*	0
7000 RSCH EQUIP & TECHNOL	12	2.4	10,082	378,311	*	45,558
9900 UNCLASSIFIED	3	0.3	4,588	62,364	*	0
TOTAL	1842	528.9	4,213,542	87,652,930	*	3,765,117

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	27	18.9	135,711	1,964,476	*	144,727
0200 WATER	31	28.1	148,670	2,721,055	*	492,619
0300 WATERSHEDS RIVER BAS	6	3.3	0	369,051	*	26,576
0400 AIR AND CLIMATE	5	16.1	23,192	2,970,446	*	32,043
0500 RECREATION RESOURCES	3	1.4	17,580	133,785	*	4,943
0600 TIMBER FORST PRODUCT	11	6.9	32,672	850,347	*	253,599
0700 RANGE	10	10.0	62,019	857,605	*	168,102
0800 WILDLIFE AND FISH	5	9.5	0	702,354	*	475,376
1000 FRUIT NUTS DECIDUOUS	10	5.1	70,711	509,618	*	32,695
1100 POTATOES	9	6.6	55,320	474,794	*	5,509
1200 VEGETABLES	13	5.1	148,913	511,128	*	1,109
1300 ORNAMENTALS TURF	6	3.5	16,391	261,180	*	19,779
1400 CORN	5	1.5	36,395	145,543	*	9,976
1500 GRAIN SORGHUM	3	0.5	17,302	38,591	*	2,604
1600 WHEAT	1	0.0	0	658	*	0
1700 RICE	9	4.3	2,464	486,967	*	54,091
1900 OTHER SMALL GRAINS	9	3.3	50,285	308,351	*	84,482
2000 FORAGE CROPS	11	5.9	90,050	974,831	*	42,199
2200 COTTONSEED	1	0.2	864	33,742	*	25,893
2300 SOYBEANS	5	0.7	20,497	101,292	*	29,421
2400 PEANUTS	1	0.2	864	33,742	*	25,893
2500 OTHER OILSEED CROPS	3	0.2	864	37,383	*	29,533
2700 SUGAR CROPS	5	2.9	26,252	229,606	*	103,419
2800 MISC NEW CROPS	1	0.5	0	39,472	*	0
2900 POULTRY	3	0.3	2,442	42,680	*	25,893
3000 BEEF CATTLE	27	24.2	655,108	3,586,810	*	610,302
3100 DAIRY CATTLE	8	0.8	33,458	198,541	*	150,152
3200 SWINE	7	0.9	19,794	164,204	*	85,402
3300 SHEEP AND WOOL	6	1.7	74,413	283,546	*	25,893
3400 OTHER ANIMALS	4	1.0	8,382	155,529	*	25,893
3600 FARM SUPP & FACILITS	1	0.2	3,801	13,656	*	0
3800 FOOD	4	4.2	62,504	527,155	*	22,831
3900 HOUSING & EQUIP	3	1.2	1,724	132,059	*	4,765
4000 PEOPLE AS INDIVIDUAL	3	0.5	14,826	40,245	*	503
4100 FAMILY MEMBERS	5	1.0	35,037	101,265	*	503
4200 FARM AS BUSINESS	3	5.2	16,376	352,656	*	55,632
4300 SOC POLIT ORGANIZ	10	3.0	53,989	255,601	*	0
4400 AGRIC ECONOMY U S	2	8.1	11,200	556,952	*	104,991
6100 WEEDS	1	0.4	9,838	42,744	*	23,433
6200 SEED RESEARCH	2	0.4	3,935	47,822	*	40,098
6700 PLANTS	11	5.1	54,497	513,453	*	91,811
6800 ANIMALS(VERTEBRATES)	5	32.4	73,222	4,968,281	*	80,931
6900 RESEARCH ON RSCH HGM	2	2.0	0	199,867	*	10,730
7000 RSCH EQUIP & TECHNOL	2	1.2	2,788	186,060	*	43,514
TOTAL	299	228.3	2,094,349	27,125,144	*	3,467,861

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	4	1.0	5,594	74,885	*	0
0200 WATER	4	0.9	36,740	78,974	*	0
0300 WATERSHEDS RIVER BAS	3	2.3	55,641	210,310	*	0
0600 TIMBER FORST PRODUCT	9	5.5	124,471	362,342	*	2,838
0800 WILDLIFE AND FISH	1	0.0	0	2,774	*	0
1000 FRUIT NUTS DECIDUOUS	9	4.0	99,980	260,313	*	946
1100 POTATOES	3	1.0	16,157	64,817	*	0
1200 VEGETABLES	5	1.3	22,559	84,047	*	0
1300 ORNAMENTALS TURF	9	3.2	31,916	219,818	*	946
1400 CORN	5	1.0	6,785	75,241	*	0
1800 OTHER SMALL GRAINS	1	0.5	2,632	42,164	*	0
2000 FORAGE CROPS	1	0.0	0	673	*	0
2300 SOYBEANS	3	1.2	53,795	97,480	*	0
2600 TOBACCO	7	4.6	82,908	372,945	*	0
2800 MISC NEW CROPS	2	0.2	0	6,759	*	0
3000 BEEF CATTLE	1	0.0	0	1,040	*	0
3100 DAIRY CATTLE	2	0.3	2,482	21,842	*	0
3200 SWINE	1	0.0	0	1,040	*	0
3300 SHEEP AND WOOL	1	0.0	0	1,040	*	0
3400 OTHER ANIMALS	2	0.9	0	55,307	*	0
3700 CLOTHING & TEXTILES	1	0.3	0	16,356	*	0
3800 FOOD	2	0.6	19,390	50,027	*	0
4000 PEOPLE AS INDIVIDUAL	3	2.3	85,944	144,729	*	0
6300 BIO CELL SYSTEMS	1	0.5	15,625	42,328	*	0
6700 PLANTS	2	0.2	272	15,639	*	835
6800 ANIMALS(VERTEBRATES)	1	0.1	0	5,547	*	0
9900 UNCLASSIFIED	1	0.0	10,585	10,605	*	0
TOTAL	84	31.8	673,475	2,319,041	*	5,564

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - CONNECTICUT STORRS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	3	0.7	21,680	46,828	*	0
0200 WATER	2	0.2	3,018	9,170	*	0
0400 AIR AND CLIMATE	3	0.3	18,218	30,164	*	0
0500 RECREATION RESOURCES	2	0.4	1,376	19,795	*	0
0600 TIMBER FORST PRODUCT	4	0.7	10,914	41,773	*	0
0800 WILDLIFE AND FISH	1	0.9	0	40,854	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.3	21,837	22,703	*	0
1100 POTATOES	3	0.6	13,736	55,365	*	0
1200 VEGETABLES	3	0.6	21,942	49,940	*	0
1300 ORNAMENTALS TURP	3	1.3	34,542	107,603	*	0
1400 CORN	2	0.2	11,557	26,827	*	0
2000 FORAGE CROPS	4	0.9	26,805	130,295	*	0
2600 TOBACCO	1	0.1	1,706	6,027	*	0
2900 POULTRY	12	3.8	123,294	372,132	*	8,454
3000 BEEP CATTLE	4	1.0	24,906	97,597	*	0
3100 DAIRY CATTLE	12	3.2	70,564	273,672	*	26,980
3200 SWINE	1	0.1	1,706	6,027	*	0
3300 SHEEP AND GOOL	3	0.7	12,755	57,091	*	0
3400 OTHER ANIMALS	10	3.5	116,649	330,913	*	0
3500 BEES AND HONEY	1	0.3	21,837	22,703	*	0
3600 FARM SUPP & FACILITS	1	0.0	3,413	7,340	*	0
3800 FOOD	2	0.2	16,978	35,792	*	0
4000 PEOPLE AS INDIVIDUAL	9	3.2	109,307	215,603	*	0
4100 FAMILY MEMBERS	2	0.3	6,618	11,221	*	0
4300 SOC POLIT ORGANIZ	4	1.8	42,232	83,010	*	0
4400 AGRIC ECONOMY U S	1	0.1	1,706	6,027	*	0
6700 PLANTS	2	0.3	11,561	42,023	*	9,482
6800 ANIMALS (VERTEBRATES)	1	0.1	5,359	7,824	*	0
7000 RSCH EQUIP & TECHMOL	2	1.0	29,228	83,224	*	0
TOTAL	99	26.8	785,441	2,239,545	*	44,916

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	1	0.0	27,179	27,179	*	0
0500 RECREATION RESOURCES	1	0.0	23,202	23,202	*	0
1200 VEGETABLES	1	0.0	27,179	27,179	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.0	22,292	22,292	*	0
4600 FARM COOPERATIVES	1	0.0	12,750	12,750	*	0
TOTAL	5	0.0	112,601	112,601	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	6	1.2	56,147	114,623	*	0
0200 WATER	6	0.2	4,304	37,278	*	0
0300 WATERSHEDS RIVER BAS	4	0.4	0	99,122	*	0
0600 TIMBER FORST PRODUCT	4	1.1	33,367	96,562	*	8,576
0800 WILDLIFE AND FISH	2	0.7	19,037	81,491	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.2	5,797	8,583	*	725
1100 POTATOES	4	0.3	7,525	11,856	*	888
1200 VEGETABLES	17	2.6	62,038	243,483	*	8,823
1300 ORNAMENTALS TURP	4	0.3	8,404	57,633	*	362
1400 CORN	12	3.6	146,719	396,486	*	0
1700 WHEAT	1	0.0	1,729	2,052	*	0
2000 FORAGE CROPS	1	0.1	0	11,129	*	0
2300 SOYBEANS	8	1.8	40,150	145,469	*	0
2900 POULTRY	19	6.9	303,373	979,353	*	100,983
3000 BEEP CATTLE	2	0.0	1,729	64,377	*	0
3100 DAIRY CATTLE	5	0.7	109,901	354,301	*	0
3200 SWINE	3	0.1	20,118	134,781	*	0
3400 OTHER ANIMALS	1	0.0	0	9,293	*	0
3500 BEES AND HONEY	1	0.4	10,455	48,173	*	0
3600 FARM SUPP & FACILITS	3	0.4	28,290	83,956	*	0
3800 FOOD	1	0.2	14,841	28,619	*	0
4000 PEOPLE AS INDIVIDUAL	5	0.8	52,188	126,521	*	0
4300 SOC POLIT ORGANIZ	6	1.1	60,263	111,369	*	0
4400 AGRIC ECONOMY U S	2	0.4	0	49,947	*	0
6500 INVERTEBRATES	1	0.3	0	19,410	*	0
6600 MICROORGANISHS,VIRUS	1	0.1	0	13,524	*	0
6700 PLANTS	7	1.7	34,312	185,326	*	47,578
6800 ANIMALS (VERTEBRATES)	2	0.3	2,769	10,260	*	0
7000 RSCH EQUIP & TECHMOL	1	0.1	0	2,067	*	0
TOTAL	132	25.7	1,023,454	3,527,043	*	167,935

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FLORIDA GAINESVILLE SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	41	16.3	99,017	1,730,190	*	21,381
0200 WATER	35	12.9	32,577	1,371,969	*	44,503
0300 WATERSHEDS RIVER BAS	4	1.0	0	95,844	*	0
0400 AIR AND CLIMATE	2	0.4	32,963	136,926	*	0
0500 RECREATION RESOURCES	2	1.2	0	108,722	*	0
0600 TIMBER FORST PRODUCT	25	17.0	291,783	2,126,369	*	0
0700 RANGE	3	1.1	9,203	132,273	*	0
0800 WILDLIFE AND FISH	13	9.5	43,249	1,302,366	*	28,889
0900 CITRUS SUB TROP FRUT	83	53.7	152,138	5,619,379	*	250,599
1000 FRUIT NUTS DECIDUOUS	49	14.3	57,009	1,759,609	*	130,327
1100 POTATOES	9	2.1	4,131	223,497	*	0
1200 VEGETABLES	125	46.7	254,883	5,374,104	*	213,636
1300 ORNAMENTALS TURF	63	33.5	187,044	3,287,610	*	22,293
1400 CORN	39	5.9	32,470	656,205	*	184
1500 GRAIN SORGHUM	16	1.5	3,647	185,573	*	0
1600 RICE	1	0.0	2,058	6,858	*	0
1700 WHEAT	14	1.4	6,477	136,893	*	184
1800 OTHER SMALL GRAINS	12	1.4	4,805	149,781	*	368
1900 PASTURE	16	4.7	40,521	824,642	*	225,294
2000 FORAGE CROPS	52	17.3	192,986	1,823,964	*	100,617
2100 COTTON	2	0.1	1,323	12,637	*	0
2300 SOYBEANS	49	11.9	52,073	1,369,257	*	28,262
2400 PEANUTS	25	6.9	35,089	612,203	*	184
2500 OTHER OILSEED CROPS	2	0.1	99	6,127	*	0
2600 TOBACCO	12	1.9	2,465	242,920	*	184
2700 SUGAR CROPS	10	2.9	10,383	344,419	*	6,245
2800 MISC NEW CROPS	4	0.4	6,881	35,690	*	184
2900 POULTRY	20	7.4	82,500	897,536	*	6,515
3000 BEEF CATTLE	66	22.1	164,511	3,751,391	*	194,498
3100 DAIRY CATTLE	37	13.2	175,108	1,929,416	*	62,609
3200 SWINE	23	6.1	44,962	1,147,401	*	25,999
3300 SHEEP AND WOOL	7	1.8	13,257	383,375	*	12,522
3400 OTHER ANIMALS	17	5.3	45,685	723,423	*	30,174
3500 BEES AND HONEY	1	1.5	19,800	78,432	*	0
3800 FOOD	11	3.4	29,593	554,964	*	222
3900 HOUSING & EQUIP	5	3.6	23,855	341,923	*	0
4000 PEOPLE AS INDIVIDUAL	9	6.0	21,326	504,439	*	0
4100 FAMILY MEMBERS	6	1.3	26,424	134,659	*	0
4200 FARM AS BUSINESS	5	2.4	4,746	161,615	*	0
4300 SOC POLIT ORGANIZ	5	2.1	0	315,752	*	0
4400 AGRIC ECONOMY U S	4	3.8	8,039	286,684	*	0
4600 FARM COOPERATIVES	1	0.1	0	3,519	*	0
4700 OTH MARKET PROCESS	1	0.1	0	4,398	*	0
4800 MARKETING SYSTEMS	1	0.4	2,976	30,372	*	1,974
6100 WEEDS	9	2.0	19,152	229,752	*	22,790
6200 SEED RESEARCH	1	1.0	194	78,656	*	0
6300 BIO CELL SYSTEMS	5	1.8	0	331,803	*	0
6400 EXP DESIGN/STAT METH	1	4.0	0	358,680	*	11,455
6500 INVERTEBRATES	8	5.3	32,627	259,093	*	0
6600 MICROORGANISMS,VIRUS	17	6.4	69,421	747,370	*	0
6700 PLANTS	20	12.7	75,779	1,750,341	*	244,550
6800 ANIMALS(VERTEBRATES)	8	2.0	5,828	383,823	*	856
7000 RSCH EQUIP & TECHNOL	4	0.6	456	205,724	*	0
9900 UNCLASSIFIED	1	0.0	11,296	11,296	*	0
TOTAL	1001	382.1	2,432,847	45,281,864	*	1,687,497

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - GEORGIA ATHENS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	20	7.6	134,846	755,981	*	16,407
0200 WATER	10	2.1	16,337	311,720	*	12,303
0300 WATERSHEDS RIVER BAS	2	1.2	3,662	176,137	*	14,427
0600 TIMBER FORST PRODUCT	29	15.1	391,169	1,595,537	*	166,865
0800 WILDLIFE AND FISH	7	3.4	116,584	449,566	*	0
1000 FRUIT NUTS DECIDUOUS	45	16.5	303,163	2,076,386	*	113,057
1100 POTATOES	2	0.1	2,186	10,261	*	0
1200 VEGETABLES	49	18.7	378,430	2,546,505	*	53,413
1300 ORNAMENTALS TURF	21	7.6	161,766	739,974	*	1,678
1400 CORN	41	7.7	190,803	1,301,013	*	50,038
1500 GRAIN SORGHUM	14	2.8	105,683	421,055	*	14,828
1700 WHEAT	18	3.2	107,830	388,356	*	2,388
1800 OTHER SMALL GRAINS	11	2.8	72,699	289,643	*	2,951
1900 PASTURE	6	0.8	6,975	124,577	*	20,929
2000 FORAGE CROPS	35	7.6	228,007	1,395,009	*	36,383
2100 COTTON	15	2.4	20,126	517,254	*	18,282
2200 COTTONSEED	3	0.4	3,190	38,813	*	0
2300 SOYBEANS	42	10.0	278,604	1,461,511	*	105,102
2400 PEANUTS	30	4.5	63,318	912,575	*	36,540
2500 OTHER OILSEED CROPS	1	0.1	1,227	4,233	*	0
2600 TOBACCO	4	2.6	40,553	383,228	*	20,706
2700 SUGAR CROPS	1	0.2	14,796	17,034	*	0
2800 MISC NEW CROPS	1	0.0	11,451	12,205	*	755
2900 POULTRY	46	10.9	271,601	2,080,600	*	76,322
3000 BEEF CATTLE	36	9.6	245,537	3,076,439	*	2,003
3100 DAIRY CATTLE	25	6.1	130,744	2,270,274	*	6
3200 SWINE	21	4.0	82,232	1,027,411	*	1,033
3300 SHEEP AND WOOL	1	0.1	6,235	27,805	*	0
3400 OTHER ANIMALS	1	0.3	0	20,041	*	0
3500 BEES AND HONEY	2	0.6	3,406	48,371	*	23,640
3600 FARM SUPP & FACILITS	3	0.7	3,242	192,699	*	0
3800 FOOD	16	8.0	170,577	843,763	*	4,386
3900 HOUSING & EQUIP	9	1.7	8,442	168,590	*	14
4000 PEOPLE AS INDIVIDUAL	7	1.5	10,756	106,630	*	0
4100 FAMILY MEMBERS	3	0.8	4,940	69,164	*	0
4200 FARM AS BUSINESS	9	1.9	29,608	224,105	*	7,798
4300 SOC POLIT ORGANIZ	5	0.7	3,561	46,851	*	0
4400 AGRIC ECONOMY U S	6	1.4	22,054	132,412	*	11,983
6300 BIO CELL SYSTEMS	1	0.6	9,170	109,075	*	18,113
6400 EXP DESIGN/STAT METH	2	0.3	1,303	42,022	*	0
6500 INVERTEBRATES	2	0.6	2,704	84,362	*	12,956
6600 MICROORGANISHS, VIRUS	3	0.4	17,412	45,749	*	0
6700 PLANTS	27	7.6	132,959	1,132,956	*	66,785
6800 ANIMALS (VERTEBRATES)	3	0.4	2,773	112,619	*	0
6900 RESEARCH ON RSCH NGE	1	0.2	0	11,912	*	0
7000 RSCH EQUIP & TECHNOL	2	0.4	2,688	36,030	*	0
9900 UNCLASSIFIED	1	1.7	2,564	2,564	*	0
TOTAL	639	177.5	3,807,913	27,841,016	*	912,093

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - GUAM AGANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	2	0.9	77,046	143,753	*	0
0200 WATER	1	0.1	12,476	28,601	*	0
0600 TIMBER FORST PRODUCT	1	0.9	47,011	47,011	*	0
0800 WILDLIFE AND FISH	2	1.6	41,267	77,135	*	0
0900 CITRUS SUB TROP FRUIT	6	0.7	52,563	101,959	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.0	1,628	4,152	*	0
1200 VEGETABLES	7	2.1	140,804	235,762	*	6,344
1300 ORNAMENTALS TURF	3	1.2	68,230	124,617	*	0
2800 MISC NEW CROPS	3	0.2	14,099	27,953	*	0
3200 SWINE	1	0.9	50,991	89,875	*	0
TOTAL	28	8.5	506,116	876,819	*	6,344

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - HAWAII HONOLULU SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	15	3.8	46,997	285,888	*	62,349
0200 WATER	9	1.4	44,283	168,819	*	3,960
0300 WATERSHEDS RIVER BAS	2	0.3	1,718	11,639	*	0
0600 TIMBER FORST PRODUCT	10	1.2	43,433	167,912	*	35,528
0700 RANGE	3	0.8	12,137	72,710	*	0
0800 WILDLIFE AND FISH	13	4.2	3,291	506,710	*	74,312
0900 CITRUS SUB TROP FRUIT	50	16.9	213,801	1,460,522	*	48,214
1000 FRUIT NUTS DECIDUOUS	16	3.0	54,698	434,763	*	4,725
1100 POTATOES	1	0.1	1,391	10,959	*	0
1200 VEGETABLES	45	13.2	139,123	1,513,533	*	236,084
1300 ORNAMENTALS TURF	29	10.6	152,528	883,331	*	592
1400 CORN	7	3.4	39,410	408,719	*	1,068
1900 PASTURE	4	1.1	6,777	99,375	*	6,520
2000 FORAGE CROPS	11	1.8	13,558	227,784	*	51,376
2300 SOYBEANS	3	0.2	382	8,873	*	0
2400 PEANUTS	2	0.0	382	4,829	*	0
2500 OTHER OILSEED CROPS	2	0.2	0	59,201	*	0
2700 SUGAR CROPS	12	2.1	23,348	147,789	*	3,290
2800 MISC NEW CROPS	7	0.9	17,224	143,505	*	0
2900 POULTRY	3	1.9	24,324	152,028	*	0
3000 BEEF CATTLE	13	4.5	24,284	490,150	*	14,964
3100 DAIRY CATTLE	10	1.5	27,036	243,768	*	55,531
3200 SWINE	5	0.8	3,699	115,389	*	0
3600 FARM SUPP & FACILITS	3	0.1	0	81,819	*	0
3800 FOOD	11	5.7	28,682	404,507	*	18,536
3900 HOUSING & EQUIP	5	1.5	38,932	118,492	*	7,051
4000 PEOPLE AS INDIVIDUAL	7	2.7	19,385	119,863	*	296
4100 FAMILY MEMBERS	4	0.7	895	32,065	*	0
4200 FARM AS BUSINESS	2	0.2	7,292	12,757	*	0
4300 SOC POLIT ORGANIZ	1	0.0	288	288	*	0
4400 AGRIC ECONOMY U S	2	1.0	14,432	41,371	*	444
4500 AGRIC ECONOMY FORGM	2	0.6	0	65,526	*	32,373
4800 MARKETING SYSTEMS	1	1.1	17,368	58,199	*	0
6100 WEEDS	2	0.1	1,240	10,250	*	2,148
6200 SEED RESEARCH	1	0.1	0	9,973	*	8,771
6300 BIO CELL SYSTEMS	2	0.4	4,372	120,674	*	60,974
6500 INVERTEBRATES	4	0.8	0	120,517	*	40,649
6600 MICROORGANISMS,VIRUS	8	0.9	1,530	154,357	*	51,775
6700 PLANTS	10	2.1	13,079	217,023	*	74,519
6800 ANIMALS(VERTEBRATES)	4	0.2	0	14,157	*	4,543
6900 RESEARCH ON RSCH NRM	1	0.2	0	21,842	*	10,791
7000 RSCH EQUIP & TECHNOL	2	0.1	0	8,328	*	0
TOTAL	344	92.5	1,041,318	9,230,200	*	911,380

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - IDAHO MOSCOW SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	20	4.5	95,924	861,844	*	116,547
0200 WATER	8	3.5	67,299	605,955	*	135,542
0300 WATERSHEDS RIVER BAS	3	0.6	8,972	92,484	*	22,371
0400 AIR AND CLIMATE	1	0.4	8,509	49,961	*	0
0500 RECREATION RESOURCES	1	0.3	2,982	21,270	*	0
0600 TIMBER FORST PRODUCT	3	0.4	1,388	27,627	*	14
0700 RANGE	6	1.4	30,999	190,312	*	28,248
0800 WILDLIFE AND FISH	2	0.2	14,880	14,880	*	0
1000 FRUIT NUTS DECIDUOUS	7	1.0	34,800	112,847	*	3,338
1100 POTATOES	23	7.5	131,229	1,133,831	*	69,598
1200 VEGETABLES	29	8.6	238,916	1,012,515	*	43,457
1300 ORNAMENTALS TURF	3	0.5	7,239	45,569	*	0
1400 CORN	3	0.2	4,386	19,310	*	0
1500 GRAIN SORGHUM	2	0.2	4,156	40,270	*	1,015
1600 RICE	1	0.0	0	3,338	*	3,338
1700 WHEAT	16	4.9	48,844	693,994	*	153,282
1800 OTHER SMALL GRAINS	8	1.0	37,471	236,844	*	39,602
2000 FORAGE CROPS	10	1.1	15,836	138,342	*	6,676
2100 COTTON	1	0.0	0	6,676	*	6,676
2300 SOYBEANS	1	0.1	1,620	22,976	*	1,015
2500 OTHER OILSEED CROPS	1	0.4	9,722	137,857	*	6,087
2700 SUGAR CROPS	6	0.5	18,428	119,200	*	6,676
2800 MISC NEW CROPS	4	1.6	4,979	170,000	*	2,029
2900 POULTRY	2	0.2	30,990	44,353	*	0
3000 BEEF CATTLE	18	4.4	332,639	1,812,373	*	231,955
3100 DAIRY CATTLE	6	2.0	82,906	391,209	*	0
3200 SWINE	2	0.2	3,045	11,729	*	0
3300 SHEEP AND WOOL	7	2.1	122,294	313,384	*	0
3400 OTHER ANIMALS	1	0.1	445	9,248	*	0
3500 BEES AND HONEY	4	1.6	2,697	141,826	*	24,296
3600 FARM SUPP & FACILITS	1	0.4	9,912	36,400	*	0
3800 FOOD	3	1.1	25,174	98,672	*	14
3900 HOUSING & EQUIP	3	0.5	2,660	73,150	*	12,525
4000 PEOPLE AS INDIVIDUAL	1	0.1	0	37,623	*	81
4100 FAMILY MEMBERS	1	0.0	1,325	1,388	*	0
4200 FARM AS BUSINESS	3	1.0	23,219	142,235	*	0
4300 SOC POLIT ORGANIZ	4	1.3	24,998	140,766	*	0
4400 AGRIC ECONOMY U S	2	1.2	14,021	182,641	*	3,617
4800 MARKETING SYSTEMS	1	0.1	57	61,197	*	0
6100 WEEDS	4	0.1	3,012	21,202	*	603
6200 SEED RESEARCH	3	0.6	9,093	47,423	*	0
6400 EXP DESIGN/STAT METH	2	0.0	25,403	86,674	*	0
6500 INVERTEBRATES	5	0.9	8,579	130,503	*	603
6600 MICROORGANISMS,VIRUS	4	0.6	2,312	44,497	*	603
6700 PLANTS	9	4.0	43,483	437,945	*	95,884
6800 ANIMALS(VERTEBRATES)	3	0.0	2,577	28,262	*	657
6900 RESEARCH ON RSCH NRM	1	0.8	1,729	72,688	*	0
7000 RSCH EQUIP & TECHNOL	2	0.8	16,024	67,157	*	0
9900 UNCLASSIFIED	1	0.0	1,529	1,529	*	0
TOTAL	252	62.6	1,578,698	10,193,974	*	1,016,349

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/CT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	32	13.4	193,962	1,421,375	*	37,104
0200 WATER	9	2.0	40,530	272,405	*	18,603
0300 WATERSHEDS RIVER BAS	2	0.5	17,131	134,923	*	0
0400 AIR AND CLIMATE	1	0.1	9,081	15,561	*	0
0500 RECREATION RESOURCES	2	0.5	16,640	20,285	*	2,241
0600 TIMBER FOREST PRODUCT	21	5.4	210,109	339,135	*	15,018
1000 FRUIT NUTS DECIDUOUS	10	4.4	65,320	599,460	*	1,222
1200 VEGETABLES	17	6.6	206,190	682,691	*	40,445
1300 ORNAMENTALS TURF	9	4.3	58,786	372,393	*	0
1400 CORN	55	16.1	441,424	1,922,648	*	170,732
1500 GRAIN SORGHUM	7	0.8	17,820	99,873	*	6,817
1600 RICE	1	0.0	2,222	3,165	*	0
1700 WHEAT	12	1.9	15,799	171,967	*	5,871
1800 OTHER SMALL GRAINS	11	1.8	38,345	198,055	*	14,505
2000 FORAGE CROPS	16	4.1	86,007	588,118	*	156
2100 COTTON	1	0.2	5,860	15,535	*	0
2200 COTTONSEED	1	0.1	1,679	3,746	*	0
2300 SOYBEANS	51	17.8	344,845	1,528,500	*	62,996
2400 PEANUTS	1	0.1	1,679	3,746	*	0
2500 OTHER OILSEED CROPS	4	0.8	22,701	76,556	*	4,668
2600 TOBACCO	1	0.5	12,498	32,402	*	0
2700 SUGAR CROPS	1	0.0	220	1,530	*	0
2800 MISC NEW CROPS	2	0.8	44,432	79,077	*	0
2900 POULTRY	7	2.9	78,028	410,235	*	233
3000 BEEF CATTLE	20	4.5	162,438	681,168	*	53,572
3100 DAIRY CATTLE	37	11.4	343,397	1,606,184	*	32,449
3200 SWINE	22	6.6	212,891	1,123,505	*	28,332
3300 SHEEP AND WOOL	10	3.2	72,400	800,326	*	0
3400 OTHER ANIMALS	14	3.9	121,432	622,204	*	13,852
3500 BEES AND HONEY	1	1.0	4,246	8,405	*	0
3600 FARM SUPP & FACILITS	7	3.0	65,998	258,307	*	0
3700 CLOTHING & TEXTILES	3	1.1	27,751	77,826	*	0
3800 FOOD	13	6.2	150,884	751,342	*	35,051
3900 HOUSING & EQUIP	8	3.4	103,482	263,218	*	107
4000 PEOPLE AS INDIVIDUAL	11	2.9	65,536	229,072	*	0
4100 FAMILY MEMBERS	9	3.6	50,160	184,647	*	0
4200 FARM AS BUSINESS	7	4.1	229,280	376,984	*	3,597
4300 SOC POLIT ORGANIZ	7	3.3	51,507	198,869	*	2,662
4400 AGRIC ECONOMY U S	3	2.2	19,739	117,461	*	0
4700 OTH MARKET PROCESS	1	0.8	6,249	16,271	*	0
4800 MARKETING SYSTEMS	3	1.1	94,981	132,271	*	14,044
6300 BIO CELL SYSTEMS	6	1.9	61,859	282,654	*	0
6400 EXP DESIGN/STAT METH	2	1.4	15,360	76,997	*	0
6500 INVERTEBRATES	2	1.0	11,380	48,831	*	4,057
6600 MICROORGANISMS, VIRUS	4	2.3	43,134	171,669	*	34,127
6700 PLANTS	10	3.0	88,955	344,954	*	23,768
6800 ANIMALS (VERTEBRATES)	12	3.5	138,699	385,531	*	4,108
7000 RSCH EQUIP & TECHNOL	2	0.4	10,807	41,600	*	0
9900 UNCLASSIFIED	1	0.0	36,047	36,047	*	0
TOTAL	489	160.5	4,119,919	17,829,725	*	630,334

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - INDIANA LAFAYETTE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	35	12.8	179,952	1,691,256	*	50,489
0200 WATER	16	4.4	58,094	562,770	*	16,660
0300 WATERSHEDS RIVER BAS	6	0.8	20,288	112,344	*	0
0400 AIR AND CLIMATE	2	1.1	36,721	138,258	*	0
0500 RECREATION RESOURCES	2	0.6	11,794	68,531	*	6,413
0600 TIMBER FORST PRODUCT	28	11.9	174,628	1,535,403	*	41,884
0800 WILDLIFE AND FISH	9	3.0	47,632	278,620	*	11,709
1000 FRUIT NUTS DECIDUOUS	13	2.9	72,689	338,788	*	46
1100 POTATOES	5	1.3	33,528	131,840	*	0
1200 VEGETABLES	24	6.6	108,071	775,729	*	10,756
1300 ORNAMENTALS TURF	9	3.4	75,854	400,229	*	0
1400 CORN	63	17.0	293,885	2,137,470	*	105,198
1500 GRAIN SORGHUM	7	1.9	16,133	190,784	*	0
1700 WHEAT	21	4.8	91,005	527,890	*	6,131
1800 OTHER SMALL GRAINS	9	0.7	16,249	94,722	*	3,968
1900 PASTURE	2	0.4	5,997	89,008	*	0
2000 FORAGE CROPS	17	3.3	99,909	492,523	*	255
2300 SOYBEANS	46	11.1	170,717	1,167,628	*	100,135
2500 OTHER OILSEED CROPS	2	0.1	5,285	15,727	*	0
2800 MISC NEW CROPS	5	2.7	26,891	180,162	*	1,221
2900 POULTRY	21	4.9	161,917	746,765	*	7,474
3000 BEEF CATTLE	42	8.6	152,960	2,268,724	*	19,586
3100 DAIRY CATTLE	30	7.9	178,168	1,424,891	*	8,681
3200 SWINE	55	12.4	323,971	2,484,072	*	272,773
3300 SHEEP AND WOOL	12	1.8	52,866	314,417	*	0
3400 OTHER ANIMALS	17	4.1	116,338	494,148	*	924
3600 FARM SUPP & FACILITS	5	0.7	12,342	105,375	*	189
3700 CLOTHING & TEXTILES	2	0.5	18,183	68,707	*	1,196
3800 FOOD	7	3.3	40,915	636,128	*	25,361
3900 HOUSING & EQUIP	4	1.3	13,492	149,605	*	0
4000 PEOPLE AS INDIVIDUAL	13	2.8	49,516	352,055	*	76
4100 FAMILY MEMBERS	6	1.3	26,023	151,353	*	35
4200 FARM AS BUSINESS	10	3.0	76,525	282,379	*	4,155
4300 SOC POLIT ORGANIZ	7	2.7	60,831	251,236	*	15,595
4400 AGRIC ECONOMY U S	8	1.4	28,848	148,671	*	11,852
4500 AGRIC ECONOMY FORGN	4	0.5	7,306	51,448	*	6,482
4600 FARM COOPERATIVES	3	0.5	15,724	95,632	*	31,306
4700 OTH MARKET PROCESS	2	0.5	1,320	59,184	*	25,909
4800 MARKETING SYSTEMS	10	3.2	61,418	293,110	*	55,294
6100 WEEDS	4	3.4	20,569	173,303	*	0
6200 SEED RESEARCH	2	0.8	9,264	68,022	*	0
6300 BIO CELL SYSTEMS	12	7.7	199,691	1,138,392	*	17
6400 EXP DESIGN/STAT METH	5	0.8	18,606	89,327	*	4,163
6500 INVERTEBRATES	10	4.6	65,112	381,765	*	0
6600 MICROORGANISMS, VIRUS	9	5.3	85,142	527,275	*	0
6700 PLANTS	27	8.8	152,992	1,693,937	*	9,756
6800 ANIMALS (VERTEBRATES)	23	11.2	262,207	1,265,663	*	384
6900 RESEARCH ON RSCH MGN	2	0.3	13,891	58,711	*	12,155
7000 RSCH EQUIP & TECHNOL	6	3.3	27,322	298,226	*	0
9900 UNCLASSIFIED	1	0.0	1,237	1,237	*	0
TOTAL	680	198.3	3,800,016	27,003,439	*	868,225

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - IOWA

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SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	41	11.0	175,124	1,553,999	*	64,984
0200 WATER	22	2.0	49,025	364,196	*	24,588
0300 WATERSHEDS RIVER BAS	5	1.6	18,836	256,762	*	24,541
0400 AIR AND CLIMATE	6	2.5	55,770	140,821	*	0
0500 RECREATION RESOURCES	2	0.3	0	30,303	*	0
0600 TIMBER FORST PRODUCT	14	4.2	120,228	389,767	*	0
0700 RANGE	2	0.0	0	1,955	*	0
0800 WILDLIFE AND FISH	27	2.1	0	384,158	*	0
1000 FRUIT NUTS DECIDUOUS	9	1.9	10,598	159,688	*	0
1100 POTATOES	2	0.1	8,426	13,203	*	0
1200 VEGETABLES	10	1.8	127,740	233,744	*	30,516
1300 ORNAMENTALS TURF	8	3.3	43,824	294,160	*	7,629
1400 CORN	77	17.5	583,476	2,446,738	*	188,140
1500 GRAIN SORGHUM	3	0.4	0	91,357	*	0
1700 WHEAT	1	0.1	8,663	11,796	*	0
1800 OTHER SMALL GRAINS	12	3.3	118,503	520,871	*	40,908
1900 PASTURE	2	0.7	60,485	76,244	*	0
2000 FORAGE CROPS	18	3.3	168,298	440,355	*	45,240
2300 SOYBEANS	66	12.9	281,210	1,847,550	*	66,320
2400 PEANUTS	2	0.1	0	21,319	*	0
2500 OTHER OILSEED CROPS	1	0.2	0	49,730	*	0
2800 MISC NEW CROPS	2	0.2	25,482	33,812	*	7,629
2900 POULTRY	17	3.0	280,118	625,501	*	5,426
3000 BEEF CATTLE	39	9.7	591,867	2,373,372	*	32,363
3100 DAIRY CATTLE	25	5.5	205,547	1,295,145	*	132,856
3200 SWINE	28	8.2	638,994	3,412,645	*	20,513
3300 SHEEP AND WOOL	3	0.1	2,590	23,558	*	5,426
3400 OTHER ANIMALS	17	2.1	8,994	221,002	*	7,155
3600 FARM SUPP & FACILITS	8	1.2	30,370	121,375	*	7,209
3700 CLOTHING & TEXTILES	1	0.3	0	33,148	*	0
3800 FOOD	14	2.0	71,492	236,167	*	0
3900 HOUSING & EQUIP	7	0.3	6,025	68,987	*	26,110
4000 PEOPLE AS INDIVIDUAL	20	2.2	53,717	231,636	*	10,732
4100 FAMILY MEMBERS	12	1.7	36,431	160,352	*	0
4200 FARM AS BUSINESS	16	1.3	8,892	375,808	*	103,838
4300 SOC POLIT ORGANIZ	22	3.4	85,576	586,472	*	141,092
4400 AGRIC ECONOMY U S	14	0.9	62,572	342,328	*	84,088
4500 AGRIC ECONOMY FORGN	3	0.1	1,028	35,922	*	22,434
4600 FARM COOPERATIVES	5	0.5	18,587	24,624	*	0
4700 OTH MARKET PROCESS	5	0.2	4,249	70,125	*	26,177
4800 MARKETING SYSTEMS	1	0.0	54	186	*	0
6200 SEED RESEARCH	1	0.1	0	12,269	*	0
6300 BIO CELL SYSTEMS	5	1.8	30,255	268,538	*	0
6400 EXP DESIGN/STAT METH	3	1.1	782	728,882	*	638,382
6500 INVERTEBRATES	4	1.6	17,067	162,091	*	15,951
6600 MICROORGANISMS, VIRUS	2	0.2	0	48,723	*	10,690
6700 PLANTS	6	0.6	13,568	74,029	*	21,279
6800 ANIMALS (VERTEBRATES)	7	2.1	31,470	289,025	*	0
6900 RESEARCH ON RSCH HGM	4	0.9	43	43,792	*	3,547
9900 UNCLASSIFIED	1	0.0	1,498	1,498	*	0
TOTAL	622	120.7	4,057,471	21,229,723	*	1,815,763

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - KANSAS HAWKATTAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	23	7.0	64,081	660,734	*	0
0200 WATER	25	7.6	5,887	762,081	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	156	*	0
0400 AIR AND CLIMATE	4	1.5	21,837	161,627	*	30,866
0500 RECREATION RESOURCES	1	0.4	0	14,967	*	0
0600 TIMBER FORST PRODUCT	11	2.4	100,686	182,659	*	0
0700 RANGE	12	6.4	79,726	529,459	*	0
0800 WILDLIFE AND FISH	5	1.5	44,388	81,021	*	0
1000 FRUIT NUTS DECIDUOUS	8	3.0	7,205	264,515	*	0
1100 POTATOES	5	0.5	0	77,812	*	0
1200 VEGETABLES	11	2.2	15,701	165,907	*	0
1300 ORNAMENTALS TURF	11	3.5	28,505	261,666	*	0
1400 CORN	60	13.8	110,419	1,610,092	*	25,722
1500 GRAIN SORGHUM	55	12.1	85,074	1,418,461	*	25,722
1600 RICE	1	0.7	0	2,814	*	0
1700 WHEAT	94	29.8	361,396	3,436,359	*	143,303
1800 OTHER SMALL GRAINS	19	3.2	21,741	332,492	*	0
1900 PASTURE	1	0.0	0	2,068	*	0
2000 FORAGE CROPS	24	9.9	159,710	1,118,933	*	25,722
2300 SOYBEANS	29	8.0	65,853	991,541	*	27,111
2500 OTHER OILSEED CROPS	7	1.1	0	133,391	*	0
2700 SUGAR CROPS	1	0.0	0	6,086	*	0
2800 MISC NEW CROPS	2	0.3	860	11,214	*	0
2900 POULTRY	14	4.6	158,471	464,588	*	0
3000 BEEF CATTLE	73	25.2	564,211	4,728,424	*	136,919
3100 DAIRY CATTLE	44	8.4	177,877	1,613,737	*	30,317
3200 SWINE	21	6.0	109,500	1,322,553	*	25,722
3300 SHEEP AND WOOL	10	1.5	31,415	289,369	*	0
3400 OTHER ANIMALS	10	0.8	1,393	94,765	*	0
3600 FARM SUPP & FACILITS	9	0.8	26,592	136,744	*	0
3700 CLOTHING & TEXTILES	2	0.6	5,173	28,054	*	0
3800 FOOD	4	0.1	6,801	13,359	*	0
3900 HOUSING & EQUIP	4	0.6	1,869	83,052	*	0
4000 PEOPLE AS INDIVIDUAL	16	4.3	26,970	250,369	*	16,521
4100 FAMILY MEMBERS	9	2.6	59,140	158,539	*	0
4200 FARM AS BUSINESS	4	0.9	14,331	62,066	*	0
4300 SOC POLIT ORGANIZ	12	2.1	13,666	140,601	*	0
4400 AGRIC ECONOMY U S	3	0.6	3,995	33,837	*	0
4500 AGRIC ECONOMY FORGN	1	0.3	0	13,301	*	0
4600 FARM COOPERATIVES	1	1.5	27,716	60,173	*	0
4700 OTH MARKET PROCESS	1	0.4	0	23,571	*	0
6300 BIO CELL SYSTEMS	18	6.1	301	576,087	*	0
6400 EXP DESIGN/STAT METH	3	0.6	0	28,153	*	0
6500 INVERTEBRATES	3	1.2	34,628	60,776	*	0
6600 MICROORGANISMS, VIRUS	5	0.8	694	90,844	*	0
6700 PLANTS	32	9.8	110,947	652,630	*	30,979
6800 ANIMALS (VERTEBRATES)	22	5.2	103,928	452,696	*	783
6900 RESEARCH ON RSCH MGN	2	0.4	14,295	16,476	*	0
7000 RSCH EQUIP & TECHNOL	5	1.4	21,737	96,744	*	0
9900 UNCLASSIFIED	1	0.4	35,787	460,704	*	348,412
TOTAL	739	201.7	2,724,505	24,179,062	*	868,100

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	20	6.1	192,376	555,715	*	0
0200 WATER	8	1.5	44,934	151,053	*	0
0300 WATERSHEDS RIVER BAS	8	1.2	34,350	193,912	*	0
0500 RECREATION RESOURCES	2	1.3	8,127	32,569	*	0
0600 TIMBER FORST PRODUCT	16	8.3	151,025	457,394	*	0
0700 RANGE	1	0.2	5,395	10,046	*	0
0800 WILDLIFE AND FISH	2	0.8	6,782	31,310	*	0
1000 FRUIT NUTS DECIDUOUS	7	4.1	48,212	315,700	*	0
1100 POTATOES	1	0.4	7,025	35,778	*	0
1200 VEGETABLES	10	6.0	144,469	468,760	*	0
1300 ORNAMENTALS TURF	7	3.0	83,529	247,119	*	0
1400 CORN	15	4.9	242,601	533,773	*	0
1500 GRAIN SORGHUM	2	0.4	12,161	23,059	*	0
1700 WHEAT	5	0.7	22,852	76,193	*	0
1800 OTHER SMALL GRAINS	2	0.7	34,575	114,133	*	0
1900 PASTURE	2	0.1	1,831	3,863	*	0
2000 FORAGE CROPS	18	5.8	201,723	1,141,289	*	17,604
2100 COTTON	1	0.1	4,853	27,934	*	0
2300 SOYBEANS	22	6.7	324,374	902,260	*	26,219
2600 TOBACCO	16	6.0	244,611	726,962	*	0
2800 MISC NEW CROPS	2	0.6	36,188	63,128	*	0
2900 POULTRY	4	1.0	48,448	168,554	*	0
3000 BEEF CATTLE	29	10.5	440,298	1,760,908	*	33,714
3100 DAIRY CATTLE	20	4.6	239,562	727,311	*	39,997
3200 SWINE	12	3.5	191,678	779,889	*	0
3300 SHEEP AND WOOL	10	1.7	98,132	305,305	*	0
3400 OTHER ANIMALS	17	10.5	205,866	973,164	*	32,146
3800 FOOD	6	4.7	209,132	313,940	*	0
3900 HOUSING & EQUIP	2	0.6	17,607	71,945	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.8	55,094	99,581	*	0
4100 FAMILY MEMBERS	4	1.4	34,951	88,941	*	0
4200 FARM AS BUSINESS	3	0.8	41,539	68,780	*	0
4300 SOC POLIT ORGANIZ	11	4.7	147,690	250,614	*	0
4400 AGRIC ECONOMY U S	2	0.8	36,303	46,038	*	0
4700 OTH MARKET PROCESS	1	0.1	2,619	5,378	*	0
4800 MARKETING SYSTEMS	2	0.7	28,086	40,679	*	0
6400 EXP DESIGN/STAT METH	1	0.2	0	11,211	*	0
6600 MICROORGANISMS, VIRUS	1	0.8	2,117	49,525	*	0
6700 PLANTS	8	5.3	118,786	377,958	*	4,749
6800 ANIMALS (VERTEBRATES)	2	0.8	7,803	71,673	*	357
6900 RESEARCH ON RSCH MGN	2	0.8	16,932	57,570	*	0
7000 RSCH EQUIP & TECHNOL	3	0.7	11,052	48,022	*	0
TOTAL	313	114.7	3,805,688	12,428,935	*	154,786

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - LOUISIANA BATON ROUGE SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	27	9.1	123,668	740,383	*	0
0200 WATER	8	0.9	38,545	101,271	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	597	7,090	*	0
0500 RECREATION RESOURCES	3	0.3	2,919	15,696	*	91
0600 TIMBER FORST PRODUCT	39	10.4	239,726	862,602	*	8,084
0700 RANGE	3	0.5	0	40,623	*	6,739
0800 WILDLIFE AND FISH	35	10.6	37,934	1,227,393	*	5,254
0900 CITRUS SUB TROP FRUT	6	1.8	2,925	226,868	*	0
1000 FRUIT NUTS DECIDUOUS	26	6.6	10,325	801,130	*	0
1100 POTATOES	5	0.8	26,655	78,765	*	0
1200 VEGETABLES	48	15.9	126,289	1,506,504	*	32,110
1300 ORNAMENTALS TURF	16	6.6	9,359	560,231	*	0
1400 CORN	21	2.4	19,382	268,989	*	0
1500 GRAIN SORGHUM	12	2.2	7,831	212,388	*	0
1600 RICE	35	13.8	55,987	1,335,667	*	4,439
1700 WHEAT	13	1.6	10,809	204,478	*	0
1800 OTHER SMALL GRAINS	4	0.5	6,922	34,069	*	0
1900 PASTURE	22	3.5	30,432	415,028	*	0
2000 FORAGE CROPS	51	12.0	112,679	1,532,734	*	0
2100 COTTON	44	14.1	168,481	1,456,505	*	9,411
2200 COTTONSEED	1	0.4	19,572	37,764	*	0
2300 SOYBEANS	58	16.5	222,223	1,992,783	*	39,806
2700 SUGAR CROPS	29	11.1	83,763	946,799	*	0
2900 POULTRY	12	5.1	127,596	1,056,390	*	17,609
3000 BEEF CATTLE	73	19.9	413,998	3,580,495	*	45,743
3100 DAIRY CATTLE	57	14.1	236,801	2,439,486	*	40,078
3200 SWINE	5	1.8	24,326	293,776	*	0
3300 SHEEP AND WOOL	4	0.4	15,884	84,739	*	0
3400 OTHER ANIMALS	17	2.0	66,458	403,275	*	64,491
3600 FARM SUPP & FACILITS	5	1.2	7,856	127,971	*	0
3700 CLOTHING & TEXTILES	4	1.2	16,250	87,366	*	0
3800 FOOD	9	0.9	15,180	113,418	*	0
3900 HOUSING & EQUIP	6	2.9	20,725	285,588	*	0
4000 PEOPLE AS INDIVIDUAL	13	2.3	52,613	226,692	*	166
4100 FAMILY MEMBERS	7	2.8	38,706	126,484	*	0
4200 FARM AS BUSINESS	9	2.1	22,553	151,670	*	0
4300 SOC POLIT ORGANIZ	7	2.6	83,411	308,119	*	0
4400 AGRIC ECONOMY U S	3	0.7	5,669	54,956	*	0
4600 FARM COOPERATIVES	1	0.1	0	3,495	*	0
4700 OTH MARKET PROCESS	1	0.2	6,554	23,669	*	0
4800 MARKETING SYSTEMS	3	0.3	16,468	31,104	*	0
6200 SEED RESEARCH	2	0.3	12,306	53,726	*	5,919
6400 EXP DESIGN/STAT METH	1	0.0	0	2,810	*	0
6500 INVERTEBRATES	9	2.5	15,394	169,852	*	248
6600 MICROORGANISMS, VIRUS	2	1.0	19,259	69,353	*	0
6700 PLANTS	9	3.0	63,069	314,998	*	0
6800 ANIMALS(VERTEBRATES)	4	0.6	18,385	62,439	*	0
6900 RESEARCH ON RSCH HGM	2	3.7	0	376,844	*	0
7000 RSCH EQUIP & TECHNOL	1	0.5	0	49,018	*	0
TOTAL	773	213.7	2,656,482	25,103,494	*	280,190

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - MASSACHUSETTS AMHERST SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	11	2.0	123,188	263,048	*	4,747
0200 WATER	6	1.4	93,527	163,605	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	5,087	19,802	*	6,282
0500 RECREATION RESOURCES	1	0.1	5,918	18,721	*	5,708
0600 TIMBER FORST PRODUCT	23	5.6	237,300	642,951	*	99,674
0800 WILDLIFE AND FISH	1	0.1	6,458	24,495	*	0
1000 FRUIT NUTS DECIDUOUS	18	8.5	250,537	601,405	*	0
1200 VEGETABLES	21	4.4	213,100	523,183	*	56,904
1300 ORNAMENTALS TURF	7	1.4	54,753	149,418	*	0
1400 CORN	8	1.3	60,303	176,888	*	10,541
2000 FORAGE CROPS	5	1.0	23,364	90,831	*	179
2300 SOYBEANS	3	0.5	17,752	47,710	*	0
2800 RISC NEW CROPS	1	0.0	959	1,813	*	0
2900 POULTRY	9	3.1	109,070	500,375	*	51,852
3000 BEEF CATTLE	3	0.5	20,553	48,911	*	0
3100 DAIRY CATTLE	9	3.4	125,505	344,412	*	0
3300 SHEEP AND WOOL	1	0.1	1,753	5,727	*	0
3400 OTHER ANIMALS	2	0.2	6,043	17,856	*	0
3800 FOOD	7	3.7	19,1231	561,975	*	67,982
3900 HOUSING & EQUIP	1	0.1	4,689	11,412	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.2	19,294	45,888	*	0
4100 FAMILY MEMBERS	2	0.9	50,671	95,242	*	0
4200 FARM AS BUSINESS	2	0.6	21,564	70,267	*	8,322
4300 SOC POLIT ORGANIZ	6	1.5	65,828	258,399	*	0
6500 INVERTEBRATES	1	0.0	5,377	14,656	*	0
6700 PLANTS	5	0.8	21,690	70,604	*	3,855
6800 ANIMALS(VERTEBRATES)	3	0.2	9,202	26,432	*	0
6900 RESEARCH ON RSCH HGM	1	0.4	8,018	24,930	*	0
TOTAL	160	42.1	1,752,733	4,820,953	*	316,046

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - HAINES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	ORONO	
					USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	10	3.2	105,333	174,390	*	22,232
0200 WATER	2	0.7	31,474	133,077	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	133	9,042	*	2,708
0400 AIR AND CLIMATE	2	0.1	7,230	11,861	*	0
0500 RECREATION RESOURCES	3	0.5	5,187	33,063	*	9,156
0600 TIMBER FORST PRODUCT	28	18.1	336,360	1,658,777	*	403,604
0800 WILDLIFE AND FISH	11	3.4	47,647	380,110	*	34,823
1000 FRUIT NUTS DECIDUOUS	12	4.8	148,597	571,389	*	14,172
1100 POTATOES	20	12.9	329,273	866,256	*	1,573
1200 VEGETABLES	1	0.4	20,638	26,620	*	0
1300 ORNAMENTALS TURF	3	0.4	2,103	12,196	*	0
2000 FORAGE CROPS	3	1.0	41,445	66,705	*	0
2900 POULTRY	11	3.7	145,264	462,383	*	6,043
3100 DAIRY CATTLE	11	4.0	149,452	782,980	*	0
3900 HOUSING & EQUIP	2	1.7	62,305	92,913	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.8	14,029	24,641	*	0
4100 FAMILY MEMBERS	4	1.0	28,065	55,128	*	0
4200 FARM AS BUSINESS	1	0.3	5,413	6,212	*	0
4300 SOC POLIT ORGANIZ	5	1.6	59,762	83,289	*	0
6300 BIO CELL SYSTEMS	4	1.8	32,711	101,137	*	0
6500 INVERTEBRATES	4	1.9	32,843	95,715	*	439
6600 MICROORGANISMS, VIRUS	2	1.2	52,533	74,018	*	0
6900 RESEARCH ON RSCH MGH	1	0.0	0	1,404	*	1,404
TOTAL	142	63.4	1,657,795	5,723,305	*	496,155

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - HARTLAND

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	COLLEGE PARK	
					USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	10	2.7	104,964	274,963	*	0
0200 WATER	7	1.5	57,503	175,880	*	0
0300 WATERSHEDS RIVER BAS	4	1.3	26,158	70,773	*	0
0500 RECREATION RESOURCES	4	0.8	31,475	63,346	*	0
0600 TIMBER FORST PRODUCT	15	3.2	124,640	300,580	*	0
0700 RANGE	1	0.2	8,612	22,315	*	0
0800 WILDLIFE AND FISH	4	1.7	31,168	106,002	*	0
0900 CITRUS SUB TROP FRUT	1	0.3	0	10,710	*	0
1000 FRUIT NUTS DECIDUOUS	15	3.7	127,494	368,633	*	0
1100 POTATOES	2	0.4	13,536	26,987	*	0
1200 VEGETABLES	25	6.1	215,923	575,877	*	0
1300 ORNAMENTALS TURF	16	3.1	78,190	279,272	*	0
1400 CORN	15	2.7	85,293	263,491	*	0
1600 RICE	1	0.3	7,527	20,073	*	0
1700 WHEAT	5	2.2	68,499	149,594	*	0
1800 OTHER SMALL GRAINS	2	0.7	20,135	60,589	*	0
2000 FORAGE CROPS	6	2.0	47,661	199,005	*	0
2100 COTTON	1	0.3	8,781	13,349	*	0
2200 COTTONSEED	1	0.0	2,548	9,550	*	0
2300 SOYBEANS	10	3.2	133,152	342,266	*	0
2600 TOBACCO	10	4.2	65,515	380,645	*	0
2800 MISC NEW CROPS	2	0.5	9,720	31,533	*	0
2900 POULTRY	19	6.6	253,778	820,415	*	0
3000 BEEF CATTLE	9	3.0	30,645	281,194	*	0
3100 DAIRY CATTLE	27	8.0	228,284	1,107,932	*	10,633
3200 SWINE	5	1.2	28,222	140,329	*	0
3300 SHEEP AND WOOL	3	0.3	9,951	35,488	*	0
3400 OTHER ANIMALS	11	2.9	11,347	228,600	*	23,781
3500 BEES AND HONEY	1	0.2	1,223	12,172	*	0
3600 FARM SUPP & FACILITS	1	0.2	0	20,773	*	0
3700 CLOTHING & TEXTILES	1	0.0	12,971	12,971	*	0
3800 FOOD	4	1.0	58,646	96,093	*	0
3900 HOUSING & EQUIP	3	0.2	2,795	13,168	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.3	22,007	102,554	*	0
4100 FAMILY MEMBERS	1	0.0	6,793	6,793	*	0
4300 SOC POLIT ORGANIZ	5	0.7	34,481	54,315	*	0
4400 AGRIC ECONOMY U S	1	0.8	0	31,638	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	1,141	*	0
6400 EXP DESIGN/STAT METH	2	0.4	0	16,366	*	0
6500 INVERTEBRATES	3	0.4	10,657	23,903	*	0
6700 PLANTS	9	2.0	37,372	146,892	*	32,807
6800 ANIMALS (VERTEBRATES)	1	0.0	273	1,626	*	0
7000 RSCH EQUIP & TECHNOL	2	0.4	0	58,472	*	0
TOTAL	272	70.3	2,017,936	6,958,264	*	67,221

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - MICHIGAN LANSING SANS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GR/CA SYS 1981	WITH SANS AMOUNT 1981
0100 SOIL AND LAND	36	7.8	129,778	997,216	*	14,999
0200 WATER	16	2.3	32,448	390,485	*	9,652
0300 WATERSHEDS RIVER BAS	2	0.4	7,591	39,797	*	2,673
0400 AIR AND CLIMATE	5	0.3	7,306	64,075	*	0
0500 RECREATION RESOURCES	11	2.4	33,386	146,974	*	16,118
0600 TIMBER FORST PRODUCT	32	6.9	121,262	1,126,638	*	106,807
0800 WILDLIFE AND FISH	16	5.0	71,875	626,884	*	10,030
1000 FRUIT NUTS DECIDUOUS	49	12.9	217,180	1,572,619	*	121,916
1100 POTATOES	12	1.4	18,499	142,694	*	2,843
1200 VEGETABLES	44	13.0	240,457	1,421,037	*	60,330
1300 ORNAMENTALS TURF	13	3.2	62,614	537,189	*	987
1400 CORN	17	3.2	72,017	397,831	*	38,762
1500 GRAIN SORGHUM	1	0.1	0	12,027	*	0
1600 RICE	1	0.5	0	13,704	*	0
1700 WHEAT	12	3.6	21,832	367,037	*	13,160
1800 OTHER SMALL GRAINS	10	0.9	800	134,159	*	14,238
1900 PASTURE	1	0.1	0	8,679	*	0
2000 FORAGE CROPS	15	3.2	80,304	435,086	*	42,076
2300 SOYBEANS	10	2.1	36,232	264,668	*	31,182
2700 SUGAR CROPS	5	0.6	4,267	54,412	*	11,530
2800 MISC NEW CROPS	4	0.4	4,685	37,032	*	1,000
2900 POULTRY	27	6.6	155,762	542,736	*	1,014
3000 BEEF CATTLE	25	4.5	92,002	616,573	*	6,749
3100 DAIRY CATTLE	48	11.7	361,598	1,396,929	*	60,450
3200 SWINE	16	3.9	141,966	390,240	*	14,435
3300 SHEEP AND WOOL	4	1.3	7,147	85,465	*	0
3400 OTHER ANIMALS	11	2.3	13,658	128,221	*	1,656
3600 FARM SUPP & FACILITS	4	1.6	24,242	143,253	*	11,676
3700 CLOTHING & TEXTILES	2	0.5	0	21,408	*	0
3800 FOOD	25	8.1	99,822	656,881	*	100,339
3900 HOUSING & EQUIP	6	1.0	31,053	125,213	*	0
4000 PEOPLE AS INDIVIDUAL	21	3.4	50,476	283,592	*	0
4100 FAMILY MEMBERS	19	3.3	30,471	217,477	*	0
4200 FARM AS BUSINESS	4	0.9	4,908	138,212	*	21,535
4300 SOC POLIT ORGANIZ	11	3.5	82,862	280,032	*	38,701
4400 AGRIC ECONOMY U S	3	2.5	39,121	171,074	*	18,536
4500 AGRIC ECONOMY FORGN	2	1.7	0	272,320	*	204,568
4600 FARM COOPERATIVES	1	0.2	6,749	20,744	*	7,821
4700 OTH MARKET PROCESS	1	0.4	10,124	31,116	*	11,732
4800 MARKETING SYSTEMS	4	1.1	34,268	110,509	*	15,998
6300 BIO CELL SYSTEMS	10	5.0	73,818	475,379	*	26,008
6400 EXP DESIGN/STAT METH	4	1.2	29,854	182,481	*	0
6500 INVERTEBRATES	5	1.4	0	171,635	*	4,900
6600 MICROORGANISMS, VIRUS	10	3.6	104,435	280,349	*	12,491
6700 PLANTS	31	8.8	252,319	1,428,504	*	332,541
6800 ANIMALS (VERTEBRATES)	27	7.6	132,246	723,401	*	75,146
6900 RESEARCH ON RSCH MGN	2	0.5	19,688	29,730	*	0
7000 RSCH EQUIP & TECHNOL	6	1.3	38,811	223,420	*	85,810
9900 UNCLASSIFIED	2	0.0	747,321	747,321	*	0
TOTAL	643	157.9	3,747,251	18,684,457	*	1,550,409

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - MINNESOTA ST PAUL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	21	9.8	188,611	1,620,954	*	326,069
0200 WATER	7	0.4	14,834	135,146	*	0
0300 WATERSHEDS RIVER BAS	3	1.3	18,814	348,713	*	8,667
0400 AIR AND CLIMATE	5	1.2	26,131	292,512	*	0
0500 RECREATION RESOURCES	6	1.2	37,315	112,473	*	18,809
0600 TIMBER FORST PRODUCT	39	23.3	374,491	2,391,768	*	312,581
0800 WILDLIFE AND FISH	10	5.3	61,608	521,132	*	3,849
1000 FRUIT NUTS DECIUOUS	2	1.5	428	215,342	*	0
1100 POTATOES	11	5.6	77,489	535,029	*	46,762
1200 VEGETABLES	13	4.4	99,446	566,098	*	8,165
1300 ORNAMENTALS TURF	12	5.3	73,778	771,581	*	24,496
1400 CORN	25	12.4	283,320	1,875,706	*	196,221
1600 RICE	6	2.8	0	440,783	*	0
1700 WHEAT	13	4.4	66,068	848,910	*	110,441
1800 OTHER SMALL GRAINS	13	5.6	111,210	866,459	*	42,597
2000 FORAGE CROPS	14	4.5	197,921	920,104	*	124,831
2300 SOYBEANS	12	4.9	68,512	891,263	*	80,089
2500 OTHER OILSEED CROPS	5	1.9	3,249	193,745	*	17,906
2700 SUGAR CROPS	1	1.0	0	211,645	*	0
2800 MISC NEW CROPS	3	2.0	37,132	236,881	*	0
2900 POULTRY	23	8.7	233,040	1,194,192	*	55,057
3000 BEEF CATTLE	13	4.5	152,976	1,475,707	*	28,401
3100 DAIRY CATTLE	31	10.9	323,981	2,443,394	*	144,093
3200 SWINE	22	7.6	245,404	1,519,102	*	187,308
3300 SHEEP AND WOOL	8	2.3	110,316	647,810	*	5,250
3400 OTHER ANIMALS	3	2.1	8,638	193,668	*	32,678
3500 BEES AND HONEY	1	0.3	0	49,277	*	0
3600 FARM SUPP & FACILITS	2	0.5	27,456	87,604	*	6,815
3700 CLOTHING & TEXTILES	5	3.3	47,887	176,531	*	0
3800 FOOD	27	8.2	227,981	1,270,948	*	0
3900 HOUSING & EQUIP	9	0.5	283	117,185	*	12,998
4000 PEOPLE AS INDIVIDUAL	10	2.4	26,321	241,306	*	0
4100 FAMILY MEMBERS	12	4.1	63,069	461,622	*	0
4200 FARM AS BUSINESS	5	0.9	16,158	157,946	*	0
4300 SOC POLIT ORGANIZ	13	3.9	227,311	518,199	*	38,836
4400 AGRIC ECONOMY U S	7	2.9	45,910	323,732	*	46,713
4500 AGRIC ECONOMY FORGN	2	0.4	18,170	29,958	*	1,513
4700 OTH MARKET PROCESS	1	0.0	0	20,994	*	0
4800 MARKETING SYSTEMS	3	0.4	32,392	113,463	*	69,009
6100 WEEDS	2	0.1	0	56,528	*	13,600
6200 SEED RESEARCH	1	0.2	4,054	6,879	*	0
6300 BIO CELL SYSTEMS	11	3.4	90,194	469,202	*	57,884
6400 EXP DESIGN/STAT METH	2	0.5	10,198	56,614	*	0
6500 INVERTEBRATES	8	3.7	47,051	406,798	*	13,450
6600 MICROORGANISMS, VIRUS	7	0.9	25,861	156,243	*	1,227
6700 PLANTS	16	3.8	39,797	651,263	*	18,731
6800 ANIMALS(VERTEBRATES)	13	5.3	79,426	565,201	*	17,284
6900 RESEARCH ON RSCH MGH	2	0.8	23,296	107,113	*	12,367
7000 RSCH EQUIP & TECHNOL	4	1.3	9,889	72,610	*	0
9900 UNCLASSIFIED	1	0.0	6,684	6,684	*	0
TOTAL	485	182.7	3,884,098	27,594,014	*	2,084,694

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - MISSISSIPPI STATE COLLEGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GR/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	16	3.6	103,669	492,916	*	11,777
0200 WATER	10	1.3	33,257	297,559	*	90,791
0300 WATERSHEDS RIVER BAS	2	0.1	1,799	14,232	*	0
0500 RECREATION RESOURCES	1	0.1	1,895	27,365	*	0
0600 TIMBER FORST PRODUCT	41	22.3	270,718	2,531,858	*	124,241
0700 RANGE	2	0.0	0	1,207	*	608
0800 WILDLIFE AND FISH	35	9.2	166,094	1,504,353	*	216,199
1000 FRUIT NUTS DECIDUOUS	12	7.5	298,651	831,872	*	1,237
1200 VEGETABLES	22	8.4	210,962	847,206	*	16,118
1300 ORNAMENTALS TURF	6	6.5	262,882	643,438	*	0
1400 CORN	14	3.3	41,328	343,709	*	17,411
1500 GRAIN SORGHUM	9	3.3	1,974	592,154	*	0
1600 RICE	12	6.0	153,227	556,674	*	4,947
1700 WHEAT	6	0.5	7,736	72,855	*	1,230
1800 OTHER SMALL GRAINS	6	0.7	20,870	99,004	*	0
1900 PASTURE	4	2.4	29,065	169,361	*	217
2000 FORAGE CROPS	20	8.7	230,630	1,201,738	*	36,964
2100 COTTON	42	23.8	141,014	2,136,101	*	218,854
2300 SOYBEANS	46	13.7	121,891	1,784,757	*	220,692
2400 PEANUTS	4	0.1	4,260	15,654	*	3,574
2500 OTHER OILSEED CROPS	1	0.0	0	676	*	410
2600 TOBACCO	1	0.0	0	147	*	0
2700 SUGAR CROPS	1	0.1	0	65,039	*	0
2800 HISC NEW CROPS	2	0.1	2,475	6,005	*	0
2900 POULTRY	20	10.4	206,019	789,085	*	14,795
3000 BEEF CATTLE	19	10.7	420,596	2,114,298	*	25,901
3100 DAIRY CATTLE	18	12.0	393,095	1,893,266	*	25,550
3200 SWINE	8	7.2	161,720	822,174	*	0
3300 SHEEP AND WOOL	1	0.8	0	91,540	*	0
3400 OTHER ANIMALS	1	0.3	0	59,391	*	0
3600 FARM SUPP & FACILITS	2	1.8	0	144,481	*	0
3800 FOOD	2	0.8	6,773	149,683	*	0
4000 PEOPLE AS INDIVIDUAL	13	3.9	53,930	379,974	*	28,597
4100 FAMILY MEMBERS	1	0.1	2,435	9,773	*	0
4200 FARM AS BUSINESS	5	0.6	27,038	58,545	*	0
4300 SOC POLIT ORGANIZ	8	1.8	10,352	182,467	*	105,909
4400 AGRIC ECONOMY U S	1	0.1	2,435	9,773	*	0
4600 FARM COOPERATIVES	1	0.6	18,075	55,082	*	0
4700 OTH MARKET PROCESS	2	0.6	4,418	95,943	*	185
4800 MARKETING SYSTEMS	3	0.7	8,195	21,030	*	3,706
6100 WEEDS	2	0.3	0	63,888	*	39,565
6200 SEED RESEARCH	4	0.9	8,188	24,234	*	0
6500 INVERTEBRATES	4	1.5	13,230	125,557	*	0
6600 MICROORGANISMS, VIRUS	2	0.0	0	8,857	*	8,428
6700 PLANTS	7	1.5	22,144	1,794,100	*	21,574
6800 ANIMALS (VERTEBRATES)	3	1.5	15,245	108,756	*	55
TOTAL	442	179.9	3,486,284	23,237,771	*	1,239,533

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - MISSOURI

COLUMBIA

SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	19	4.6	115,502	611,268	*	10,562
0200 WATER	10	1.3	32,253	202,355	*	5,873
0300 WATERSHEDS RIVER BAS	2	1.6	49,707	164,242	*	19,890
0400 AIR AND CLIMATE	6	2.2	70,344	516,864	*	30,035
0500 RECREATION RESOURCES	2	0.1	856	21,096	*	7,034
0600 TIMBER FORST PRODUCT	15	5.4	158,691	823,690	*	69,894
0700 RANGE	1	0.3	0	34,045	*	9,747
0800 WILDLIFE AND FISH	8	1.8	35,606	615,093	*	48,812
0900 CITRUS SUB TROP FRUT	1	0.1	3,122	12,306	*	0
1000 FRUIT NUTS DECIDUOUS	13	3.9	167,756	672,060	*	1,028
1200 VEGETABLES	10	2.6	76,058	341,008	*	0
1300 ORNAMENTALS TURF	6	2.1	64,290	299,933	*	0
1400 CORN	29	5.5	181,402	1,267,980	*	53,881
1500 GRAIN SORGHUM	17	1.1	29,947	272,430	*	45,952
1600 RICE	1	0.1	3,385	10,787	*	0
1700 WHEAT	11	1.9	53,764	262,591	*	14,471
1800 OTHER SHALL GRAINS	4	0.4	16,622	80,961	*	0
1900 PASTURE	7	0.2	9,513	53,121	*	3,755
2000 FORAGE CROPS	19	4.5	164,584	618,410	*	63,160
2100 COTTON	5	0.2	61,259	278,913	*	42,206
2300 SOYBEANS	32	5.9	165,604	993,041	*	236,188
2500 OTHER OILSEED CROPS	2	0.1	2,263	13,413	*	0
2600 TOBACCO	2	0.0	1,103	11,546	*	0
2700 SUGAR CROPS	2	0.1	1,329	11,817	*	0
2800 MISC NEW CROPS	4	0.4	8,587	95,249	*	0
2900 POULTRY	18	4.4	191,787	748,881	*	5,383
3000 BEEF CATTLE	42	6.5	486,177	1,416,933	*	73,944
3100 DAIRY CATTLE	27	6.4	306,005	1,313,295	*	44,310
3200 SWINE	24	4.7	350,191	972,960	*	28,825
3300 SHEEP AND WOOL	7	1.0	44,798	175,179	*	0
3400 OTHER ANIMALS	13	2.4	137,870	493,310	*	880
3600 FARM SUPP & FACILITS	2	0.5	8,678	95,536	*	0
3800 FOOD	16	1.7	133,128	517,409	*	10,872
3900 HOUSING & EQUIP	3	1.5	21,553	206,218	*	16,484
4000 PEOPLE AS INDIVIDUAL	9	1.7	71,448	263,985	*	0
4100 FAMILY MEMBERS	4	0.1	26,675	118,319	*	8,119
4200 FARM AS BUSINESS	7	1.2	34,500	185,610	*	2,011
4300 SOC POLIT ORGANIZ	10	4.2	77,434	894,407	*	24,278
4400 AGRIC ECONOMY U S	6	0.2	28,642	136,190	*	37,515
4500 AGRIC ECONOMY FORGW	2	0.2	1,120	28,074	*	0
4600 FARM COOPERATIVES	4	0.3	10,423	47,072	*	4,901
4700 OTH MARKET PROCESS	2	0.1	3,101	13,899	*	0
4800 MARKETING SYSTEMS	5	1.1	25,030	129,581	*	14,702
6200 SEED RESEARCH	2	1.8	1,689	300,641	*	0
6300 BIO CELL SYSTEMS	4	0.8	19,597	151,484	*	0
6400 EXP DESIGN/STAT METH	2	0.1	8,878	37,923	*	10,872
6500 INVERTEBRATES	6	0.5	21,335	141,627	*	0
6600 MICROORGANISHS, VIRUS	4	1.0	18,578	120,825	*	0
6700 PLANTS	12	3.2	66,263	447,051	*	27,557
6800 ANIMALS (VERTEBRATES)	7	1.7	63,711	206,377	*	1,846
7000 BSCH EQUIP & TECHNOL	3	0.2	1,949	30,921	*	5,873
9900 UNCLASSIFIED	1	0.0	20,620	20,620	*	0
TOTAL	470	93.6	3,654,726	17,498,543	*	980,897

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	18	7.5	95,540	602,158	*	4,173
0200 WATER	7	2.4	46,479	285,658	*	864
0400 AIR AND CLIMATE	2	0.3	7,317	8,861	*	0
0700 RANGE	13	3.8	49,156	547,580	*	0
0800 WILDLIFE AND FISH	5	0.4	14,960	111,707	*	0
1000 FRUIT NUTS DECIDUOUS	1	1.0	0	86,885	*	0
1100 POTATOES	2	0.2	4,213	37,133	*	0
1200 VEGETABLES	6	0.6	21,997	119,709	*	51,389
1300 ORNAMENTALS TURF	4	1.6	33,570	81,883	*	0
1400 CORN	5	0.6	4,213	71,594	*	0
1500 GRAIN SORGHUM	1	0.0	0	14,178	*	0
1700 WHEAT	41	10.7	235,668	992,624	*	42,890
1800 OTHER SMALL GRAINS	42	9.1	195,738	994,129	*	34,331
1900 PASTURE	4	0.6	10,824	60,159	*	0
2000 FORAGE CROPS	30	8.9	140,008	707,642	*	0
2500 OTHER OILSEED CROPS	8	1.4	25,445	172,864	*	0
2700 SUGAR CROPS	8	1.0	4,213	182,373	*	0
2800 MISC NEW CROPS	1	0.0	0	31,911	*	0
2900 POULTRY	1	0.2	0	40,482	*	0
3000 BEEF CATTLE	36	14.2	420,561	2,275,645	*	9,890
3100 DAIRY CATTLE	5	1.5	25,352	371,369	*	39,558
3200 SWINE	5	1.2	5,045	356,164	*	0
3300 SHEEP AND WOOL	11	5.5	68,816	540,541	*	0
3400 OTHER ANIMALS	2	0.7	15,000	189,997	*	35,472
3600 FARM SUPP & FACILITS	2	0.8	24,258	51,182	*	0
3800 FOOD	1	0.2	0	10,619	*	0
3900 HOUSING & EQUIP	1	0.3	0	16,257	*	864
4000 PEOPLE AS INDIVIDUAL	8	1.5	41,627	165,186	*	0
4100 FAMILY MEMBERS	1	0.0	0	2,034	*	0
4200 FARM AS BUSINESS	1	0.6	16,306	22,946	*	0
4400 AGRIC ECONOMY U S	1	0.3	5,463	44,419	*	0
6700 PLANTS	8	1.7	56,277	140,669	*	12,404
6800 ANIMALS(VERTEBRATES)	2	1.0	24,261	117,086	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	0	3,368	*	0
9900 UNCLASSIFIED	1	0.0	15,000	15,000	*	0
TOTAL	281	79.5	1,607,307	9,472,009	*	231,835

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NEBRASKA LINCOLN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	23	6.4	106,067	773,990	*	56,277
0200 WATER	27	5.0	75,242	613,094	*	45,423
0400 AIR AND CLIMATE	7	1.9	31,528	284,473	*	37,995
0500 RECREATION RESOURCES	1	0.0	0	1,601	*	0
0600 TIMBER FORST PRODUCT	8	2.4	32,777	106,974	*	399
0700 RANGE	12	1.7	31,103	256,655	*	16,628
0800 WILDLIFE AND FISH	3	0.7	6,300	52,850	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.3	1,294	18,159	*	0
1100 POTATOES	4	1.0	23,475	134,183	*	0
1200 VEGETABLES	18	3.5	61,553	409,523	*	0
1300 ORNAMENTALS TURF	8	4.6	50,232	290,554	*	0
1400 CORN	64	11.9	326,074	2,010,394	*	190,485
1500 GRAIN SORGHUM	48	7.2	126,463	1,366,820	*	553,975
1700 WHEAT	34	7.5	132,052	979,611	*	126,420
1800 OTHER SMALL GRAINS	12	1.4	18,379	219,362	*	49,621
1900 PASTURE	5	0.4	5,380	94,429	*	8,555
2000 FORAGE CROPS	32	4.2	158,237	924,326	*	116,911
2300 SOYBEANS	36	6.5	134,052	889,337	*	81,913
2500 OTHER OILSEED CROPS	2	0.3	2,704	24,206	*	0
2700 SUGAR CROPS	7	0.4	9,775	69,778	*	0
2800 MISC NEW CROPS	1	0.1	1,922	16,437	*	0
2900 POULTRY	9	4.0	76,425	500,392	*	481
3000 BEEF CATTLE	42	15.2	385,096	7,914,398	*	481,831
3100 DAIRY CATTLE	19	3.8	127,876	909,441	*	30,370
3200 SWINE	22	9.9	257,988	2,437,588	*	97,569
3300 SHEEP AND WOOL	7	1.0	34,275	266,199	*	1,410
3400 OTHER ANIMALS	2	0.5	0	82,827	*	481
3600 FARM SUPP & FACILITS	3	0.4	8,545	385,990	*	0
3700 CLOTHING & TEXTILES	3	0.8	15,074	65,357	*	0
3800 FOOD	14	2.8	96,787	507,215	*	0
3900 HOUSING & EQUIP	9	1.1	17,620	247,714	*	58,766
4000 PEOPLE AS INDIVIDUAL	11	2.9	23,806	281,843	*	0
4100 FAMILY MEMBERS	8	2.3	29,013	157,104	*	0
4200 FARM AS BUSINESS	5	2.4	35,724	150,816	*	15,537
4300 SOC POLIT ORGANIZ	8	2.1	44,500	166,428	*	0
4700 OTH MARKET PROCESS	1	0.1	379	11,367	*	0
4800 MARKETING SYSTEMS	4	1.9	49,361	132,768	*	0
6100 WEEDS	3	0.6	24,602	87,007	*	0
6200 SEED RESEARCH	1	1.0	0	286,580	*	0
6400 EXP DESIGN/STAT METH	2	2.7	516	205,028	*	0
6500 INVERTEBRATES	1	0.5	9,630	36,773	*	0
6600 MICROORGANISMS, VIRUS	5	1.7	24,856	223,033	*	28,050
6700 PLANTS	16	2.8	68,904	664,685	*	9,365
6800 ANIMALS(VERTEBRATES)	10	1.7	6,960	673,489	*	74,225
6900 RESEARCH ON RSCH MGH	2	0.4	11,772	26,576	*	0
7000 RSCH EQUIP & TECHNOL	2	0.1	5,158	14,387	*	0
TOTAL	562	129.7	2,689,474	25,971,761	*	2,082,686

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NEVADA REBO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	9	2.7	59,798	182,984	*	0
0200 WATER	5	1.7	30,928	128,121	*	0
0300 WATERSHEDS RIVER BAS	2	0.0	0	37,011	*	7,330
0400 AIR AND CLIMATE	1	0.4	14,494	21,349	*	0
0500 RECREATION RESOURCES	3	0.5	2,035	31,177	*	0
0600 TIMBER FORST PRODUCT	6	2.1	57,886	215,444	*	0
0700 RANGE	17	3.6	37,796	273,047	*	16,798
0800 WILDLIFE AND FISH	5	0.6	10,538	137,698	*	11,198
1100 POTATOES	4	0.3	1,288	18,769	*	0
1200 VEGETABLES	2	0.3	541	48,597	*	0
1300 ORNAMENTALS TURF	3	0.5	13,998	67,314	*	0
1700 WHEAT	3	0.4	747	59,967	*	0
1800 OTHER SMALL GRAINS	2	0.4	747	53,522	*	0
1900 PASTURE	1	0.3	0	46,335	*	0
2000 FORAGE CROPS	20	6.6	180,605	645,875	*	47,433
2800 MISC NEW CROPS	1	0.3	10,111	19,550	*	0
3000 BEEF CATTLE	26	9.4	253,738	1,228,410	*	3,358
3100 DAIRY CATTLE	7	0.7	7,486	611,555	*	0
3300 SHEEP AND WOOL	6	1.5	52,384	238,328	*	0
3400 OTHER ANIMALS	1	0.2	6,532	47,990	*	0
3500 BEES AND HONEY	3	0.7	11,517	62,228	*	6,419
3600 FARM SUPP & FACILITS	1	0.0	0	22,558	*	0
3700 CLOTHING & TEXTILES	2	0.2	2,511	11,679	*	0
3800 FOOD	3	0.5	25,961	46,545	*	0
3900 HOUSING & EQUIP	1	0.4	13,516	19,178	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.2	8,627	22,912	*	0
4100 FAMILY MEMBERS	5	0.4	35,962	61,470	*	0
4200 FARM AS BUSINESS	1	0.3	6,639	10,071	*	0
4300 SOC POLIT ORGANIZ	5	0.9	27,705	42,994	*	0
6300 BIO CELL SYSTEMS	4	0.9	32,216	46,995	*	0
6400 EXP DESIGN/STAT METH	1	0.0	1,200	1,692	*	0
6500 INVERTEBRATES	2	0.2	18,781	35,792	*	0
6600 MICROORGANISMS, VIRUS	1	0.0	4,384	4,595	*	0
6700 PLANTS	4	0.6	5,262	89,090	*	3,299
6800 ANIMALS (VERTEBRATES)	2	0.1	1,477	5,039	*	582
7000 RSCH EQUIP & TECHNOL	2	0.0	2,116	22,739	*	0
9900 UNCLASSIFIED	2	0.0	29,282	29,282	*	0
TOTAL	166	38.0	968,807	4,647,859	*	96,417

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NEW HAMPSHIRE DORHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	6	1.2	44,555	80,527	*	0
0200 WATER	2	0.6	33,744	39,463	*	0
0300 WATERSHEDS RIVER BAS	2	0.5	20,724	30,377	*	0
0400 AIR AND CLIMATE	1	0.2	0	16,271	*	0
0500 RECREATION RESOURCES	2	0.0	3,171	10,595	*	0
0600 TIMBER FORST PRODUCT	16	5.2	160,061	339,760	*	0
0800 WILDLIFE AND FISH	5	0.7	36,984	118,804	*	0
1000 FRUIT NUTS DECIDUOUS	4	1.4	63,257	108,124	*	0
1200 VEGETABLES	4	1.7	78,358	141,615	*	0
1300 ORNAMENTALS TURF	1	0.3	19,204	37,763	*	0
1400 CORN	1	0.5	30,317	47,912	*	0
2000 FORAGE CROPS	4	1.3	31,358	145,057	*	6,060
2300 SOYBEANS	1	0.5	27,344	43,672	*	0
2900 POULTRY	5	2.9	194,554	362,576	*	8,581
3000 BEEF CATTLE	1	0.1	408	2,181	*	0
3100 DAIRY CATTLE	9	2.3	162,154	406,559	*	0
3300 SHEEP AND WOOL	1	0.1	511	2,727	*	0
3400 OTHER ANIMALS	5	1.5	53,570	128,523	*	0
3800 FOOD	1	0.1	2,590	2,590	*	0
3900 HOUSING & EQUIP	4	0.8	30,776	47,575	*	0
4000 PEOPLE AS INDIVIDUAL	5	0.9	57,223	76,078	*	0
4100 FAMILY MEMBERS	1	0.0	0	1,305	*	0
4200 FARM AS BUSINESS	1	0.5	16,376	19,412	*	0
4300 SOC POLIT ORGANIZ	1	0.3	15,654	17,130	*	0
4800 MARKETING SYSTEMS	1	0.5	16,376	19,412	*	0
6300 BIO CELL SYSTEMS	2	1.3	45,917	86,635	*	0
6400 EXP DESIGN/STAT METH	1	0.0	0	85	*	0
6500 INVERTEBRATES	3	0.6	9,442	70,643	*	0
6600 MICROORGANISMS, VIRUS	1	0.5	19,119	19,149	*	0
6700 PLANTS	4	0.7	38,240	54,616	*	8,753
6800 ANIMALS (VERTEBRATES)	3	0.2	505	32,682	*	659
7000 RSCH EQUIP & TECHNOL	2	0.0	2,378	3,962	*	0
TOTAL	100	27.1	1,214,868	2,513,778	*	24,053

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GE/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	31	6.2	150,207	896,760	*	6,620
0200 WATER	21	2.7	14,472	703,887	*	0
0300 WATERSHEDS RIVER BAS	3	0.3	0	24,365	*	0
0400 AIR AND CLIMATE	13	2.1	22,308	237,205	*	0
0500 RECREATION RESOURCES	2	0.9	8,500	58,232	*	0
0600 TIMBER FORST PRODUCT	17	3.4	134,593	324,921	*	3,257
0800 WILDLIFE AND FISH	14	4.4	24,962	628,882	*	8
0900 CITRUS SUB TROP FRUT	2	0.1	7,544	21,515	*	0
1000 FRUIT NUTS DECIDUOUS	31	7.8	255,883	1,276,220	*	0
1100 POTATOES	5	1.2	26,386	166,397	*	0
1200 VEGETABLES	30	8.4	232,338	1,114,392	*	24,003
1300 ORNAMENTALS TURF	17	7.6	157,598	886,106	*	0
1400 CORN	6	0.3	3,385	50,968	*	692
1700 WHEAT	2	0.1	360	9,118	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	19,894	*	0
2000 FORAGE CROPS	14	2.6	51,249	384,790	*	3,692
2200 COTTONSEED	1	0.0	0	8,140	*	0
2300 SOYBEANS	8	0.4	3,385	68,918	*	692
2400 PEANUTS	1	0.0	0	8,140	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	29,400	*	0
2700 SUGAR CROPS	1	0.0	121	2,768	*	0
2900 POULTRY	16	3.7	88,220	627,303	*	0
3000 BEEF CATTLE	4	0.3	2,401	49,119	*	0
3100 DAIRY CATTLE	7	1.1	40,647	249,261	*	0
3200 SWINE	6	1.1	7,283	129,424	*	0
3300 SHEEP AND WOOL	3	1.0	5,574	64,085	*	0
3400 OTHER ANIMALS	12	2.4	8,231	570,440	*	0
3600 FARM SUPP & FACILITS	2	1.3	36,384	86,384	*	0
3800 FOOD	27	7.7	122,978	1,070,036	*	0
3900 HOUSING & EQUIP	12	4.0	21,789	460,482	*	36,006
4000 PEOPLE AS INDIVIDUAL	20	3.3	35,891	624,273	*	48,239
4200 FARM AS BUSINESS	2	0.5	11,211	39,911	*	0
4300 SOC POLIT ORGANIZ	15	3.0	71,869	262,313	*	0
4400 AGRIC ECONOMY U S	1	0.3	0	19,000	*	0
4800 MARKETING SYSTEMS	1	0.4	0	38,731	*	11,731
6300 BIO CELL SYSTEMS	6	1.1	32,438	229,810	*	0
6400 EXP DESIGN/STAT METH	1	0.1	0	16,000	*	0
6500 INVERTEBRATES	10	3.7	110,958	497,024	*	0
6600 MICROORGANISMS, VIRUS	10	1.0	83,028	260,292	*	27,791
6700 PLANTS	16	10.3	258,039	1,102,192	*	153,167
6800 ANIMALS (VERTEBRATES)	4	0.5	3,651	124,196	*	0
7000 RSCH EQUIP & TECHNOL	8	1.3	498	164,854	*	0
TOTAL	404	96.6	2,040,381	13,606,148	*	315,887

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NEW MEXICO UNIV PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GE/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	14	4.8	54,377	159,632	*	40,000
0200 WATER	8	3.0	64,165	132,977	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	6,274	6,274	*	0
0400 AIR AND CLIMATE	2	1.7	7,165	9,591	*	0
0500 RECREATION RESOURCES	2	0.3	10,152	10,152	*	0
0600 TIMBER FORST PRODUCT	8	2.6	74,057	293,361	*	0
0700 RANGE	17	3.6	114,188	237,046	*	0
0800 WILDLIFE AND FISH	7	1.2	37,583	74,805	*	0
1000 FRUIT NUTS DECIDUOUS	8	1.7	16,646	93,187	*	0
1100 POTATOES	2	0.1	0	3,585	*	0
1200 VEGETABLES	17	9.1	64,912	343,388	*	0
1300 ORNAMENTALS TURF	4	0.6	3,007	40,847	*	0
1400 CORN	6	0.5	8,921	36,663	*	0
1500 GRAIN SORGHUM	9	1.5	7,867	78,698	*	0
1700 WHEAT	7	0.5	3,163	31,868	*	0
1800 OTHER SMALL GRAINS	4	0.2	0	12,463	*	0
1900 PASTURE	2	0.0	316	2,124	*	0
2000 FORAGE CROPS	16	5.4	91,260	392,090	*	0
2100 COTTON	12	6.0	112,706	261,615	*	0
2300 SOYBEANS	2	0.1	0	3,758	*	0
2400 PEANUTS	3	1.6	0	67,179	*	0
2500 OTHER OILSEED CROPS	2	0.1	0	7,662	*	0
2700 SUGAR CROPS	3	0.1	0	8,405	*	0
2800 MISC NEW CROPS	5	1.4	87,408	148,606	*	0
2900 POULTRY	4	0.5	16,476	30,866	*	0
3000 BEEF CATTLE	23	5.3	309,663	555,558	*	0
3100 DAIRY CATTLE	4	0.7	21,925	39,622	*	0
3300 SHEEP AND WOOL	8	0.9	7,344	51,597	*	0
3400 OTHER ANIMALS	2	0.2	4,704	10,097	*	0
3800 FOOD	1	0.3	12,804	15,804	*	0
3900 HOUSING & EQUIP	1	0.1	0	3,564	*	0
4000 PEOPLE AS INDIVIDUAL	3	2.8	44,342	55,892	*	0
4100 FAMILY MEMBERS	1	0.3	19,981	21,981	*	0
4200 FARM AS BUSINESS	1	0.4	17,117	20,017	*	0
4300 SOC POLIT ORGANIZ	4	2.3	41,070	68,276	*	0
6700 PLANTS	7	3.7	65,251	137,269	*	5,320
6800 ANIMALS (VERTEBRATES)	4	1.3	15,020	62,636	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	2,565	*	0
9900 UNCLASSIFIED	1	0.0	74,574	74,574	*	0
TOTAL	226	64.9	1,414,436	3,606,296	*	45,320

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NEW YORK					GENEVA	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SIS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	2	0.5	15,064	49,181	*	0
0200 WATER	1	0.1	0	6,648	*	0
0400 AIR AND CLIMATE	1	0.4	2,497	42,396	*	0
0600 TIMBER FORST PRODUCT	1	0.1	0	7,647	*	0
0800 WILDLIFE AND FISH	1	0.0	0	7,851	*	0
1000 FRUIT NUTS DECIDUOUS	72	35.7	282,608	3,287,960	*	167,600
1100 POTATOES	4	0.5	972	35,611	*	0
1200 VEGETABLES	51	20.3	278,460	1,919,145	*	123,209
1300 ORNAMENTALS TURF	4	1.7	0	103,540	*	0
1800 OTHER SMALL GRAINS	1	0.0	463	3,178	*	0
2000 FORAGE CROPS	4	0.4	23,541	43,199	*	0
2300 SOYBEANS	1	0.0	463	3,178	*	0
2800 MISC NEW CROPS	2	0.6	0	26,426	*	0
3800 FOOD	3	1.7	0	129,354	*	0
4100 FAMILY MEMBERS	1	0.3	1,895	11,022	*	0
6200 SEED RESEARCH	8	1.9	9,296	154,462	*	0
6300 BIO CELL SYSTEMS	1	0.3	0	15,242	*	0
6500 INVERTEBRATES	1	1.0	0	135,765	*	19,108
6700 PLANTS	1	0.2	0	18,703	*	0
9900 UNCLASSIFIED	1	0.0	15,000	15,000	*	0
TOTAL	161	65.7	630,258	6,015,508	*	309,917

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NEW YORK					ITHACA	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SIS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	31	7.6	132,557	1,386,938	*	145,280
0200 WATER	20	6.5	48,488	477,192	*	3,674
0300 WATERSHEDS RIVER BAS	3	0.4	0	50,878	*	0
0400 AIR AND CLIMATE	3	0.1	20,361	88,329	*	0
0500 RECREATION RESOURCES	5	1.8	19,508	119,632	*	0
0600 TIMBER FORST PRODUCT	21	5.9	114,391	424,166	*	21,403
0700 RANGE	1	0.2	0	10,695	*	0
0800 WILDLIFE AND FISH	38	6.8	66,690	1,548,085	*	621
0900 CITRUS SUB TROP FRUT	1	0.1	7,304	22,799	*	0
1000 FRUIT NUTS DECIDUOUS	27	6.5	167,828	787,543	*	0
1100 POTATOES	30	7.9	138,403	1,353,990	*	259,659
1200 VEGETABLES	51	12.7	330,996	1,615,626	*	13,335
1300 ORNAMENTALS TURF	19	6.2	82,229	687,395	*	0
1400 CORN	27	6.9	153,423	854,033	*	9,799
1500 GRAIN SORGHUM	1	0.0	6	8	*	0
1600 RICE	5	0.8	6	91,715	*	18,292
1700 WHEAT	11	1.3	21,228	223,166	*	21,079
1800 OTHER SMALL GRAINS	9	0.9	27,314	193,268	*	21,079
1900 PASTURE	2	0.1	1,384	10,226	*	0
2000 FORAGE CROPS	24	6.4	135,877	842,647	*	51,247
2300 SOYBEANS	7	1.4	36,026	228,437	*	40,794
2500 OTHER OILSEED CROPS	2	0.1	9,611	14,970	*	0
2700 SUGAR CROPS	2	0.3	3,412	41,637	*	0
2800 MISC NEW CROPS	1	0.1	4,632	9,829	*	0
2900 POULTRY	28	12.1	191,960	1,614,017	*	0
3000 BEEF CATTLE	25	4.7	158,676	757,526	*	99,139
3100 DAIRY CATTLE	80	23.6	370,558	3,454,574	*	301,807
3200 SWINE	6	1.6	12,274	136,577	*	0
3300 SHEEP AND WOOL	10	1.5	42,386	247,439	*	1,335
3400 OTHER ANIMALS	19	7.3	10,884	1,283,616	*	112,347
3500 BEES AND HONEY	2	1.2	4,960	136,289	*	0
3600 FARM SUPP & FACILITS	4	1.0	12,297	217,410	*	0
3700 CLOTHING & TEXTILES	4	0.9	28,284	182,011	*	0
3800 FOOD	35	13.0	132,599	1,387,613	*	166,072
3900 HOUSING & EQUIP	14	4.7	29,938	1,110,467	*	32,547
4000 PEOPLE AS INDIVIDUAL	56	24.9	241,522	2,953,269	*	187,709
4100 FAMILY MEMBERS	13	14.5	43,804	1,543,887	*	0
4200 FARM AS BUSINESS	8	2.3	48,112	280,520	*	32,362
4300 SOC POLIT ORGANIZ	28	10.2	124,268	676,753	*	121,084
4400 AGRIC ECONOMY U S	2	0.5	15,102	36,186	*	0
4500 AGRIC ECONOMY FORGN	3	1.0	0	85,348	*	4,492
4600 FARM COOPERATIVES	2	0.8	4,892	31,622	*	0
4700 OTH MARKET PROCESS	3	1.9	13,758	206,313	*	0
4800 MARKETING SYSTEMS	7	1.6	43,143	133,793	*	0
6100 WEEDS	1	0.2	6,478	28,673	*	0
6200 SEED RESEARCH	1	1.0	6,241	9,230	*	0
6300 BIO CELL SYSTEMS	30	11.2	75,634	1,472,763	*	2,338
6400 EXP DESIGN/STAT METH	8	3.7	31,453	334,362	*	0
6500 INVERTEBRATES	14	9.2	63,715	899,954	*	0
6600 MICROORGANISMS, VIRUS	31	14.0	167,085	1,837,866	*	0
6700 PLANTS	25	8.2	56,937	961,925	*	173,738
6800 ANIMALS (VERTEBRATES)	23	13.1	32,742	1,507,586	*	687
6900 RESEARCH ON RSCH MGH	1	1.7	0	320,948	*	0
7000 RSCH EQUIP & TECHNOL	5	2.6	4,778	193,261	*	0
9900 UNCLASSIFIED	1	0.0	15,016	15,016	*	0
TOTAL	830	275.0	3,511,168	35,140,017	*	1,841,919

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GR/CA SIS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	34	8.4	214,024	1,246,898	*	31,880
0200 WATER	14	6.5	113,371	723,477	*	80,154
0300 WATERSHEDS RIVER BAS	1	0.1	26	4,164	*	0
0500 RECREATION RESOURCES	5	0.9	29,240	162,023	*	53,534
0600 TIMBER FORST PRODUCT	45	17.7	378,697	2,110,797	*	128,708
0800 WILDLIFE AND FISH	24	4.9	50,972	769,162	*	6,124
1000 FRUIT NUTS DECIDUOUS	52	15.2	199,504	2,219,794	*	12,908
1100 POTATOES	8	1.3	19,593	201,356	*	493
1200 VEGETABLES	50	16.2	259,417	2,510,091	*	36,428
1300 ORNAMENTALS TURF	26	8.9	110,353	1,011,547	*	2,278
1400 CORN	46	10.9	257,125	1,842,733	*	69,041
1500 GRAIN SORGHUM	2	0.1	595	19,223	*	0
1700 WHEAT	10	1.7	29,270	143,802	*	7,662
1800 OTHER SMALL GRAINS	5	1.3	20,342	83,973	*	823
1900 PASTURE	4	0.1	8,636	72,743	*	0
2000 FORAGE CROPS	18	5.5	99,718	761,341	*	0
2100 COTTON	19	4.0	141,145	585,955	*	30,042
2300 SOYBEANS	58	11.0	391,589	1,781,831	*	72,101
2400 PEANUTS	26	6.5	151,818	1,178,167	*	40,421
2500 OTHER OILSEED CROPS	1	0.1	477	3,513	*	0
2600 TOBACCO	61	24.9	355,819	3,848,216	*	76,064
2800 MISC NEW CROPS	4	0.5	9,375	55,378	*	0
2900 POULTRY	52	15.4	334,289	2,413,944	*	33,721
3000 BEEF CATTLE	33	7.7	262,626	1,443,724	*	45,495
3100 DAIRY CATTLE	45	13.0	535,015	1,988,780	*	10,302
3200 SWINE	36	9.1	313,034	1,747,741	*	28,240
3300 SHEEP AND WOOL	8	0.6	38,893	193,549	*	0
3400 OTHER ANIMALS	17	2.7	36,617	264,290	*	0
3500 BEES AND HONEY	2	0.9	0	57,830	*	0
3700 CLOTHING & TEXTILES	2	0.3	0	43,626	*	0
3800 FOOD	12	2.3	50,857	190,303	*	790
3900 HOUSING & EQUIP	3	0.8	21,685	74,760	*	0
4000 PEOPLE AS INDIVIDUAL	20	5.5	112,628	470,323	*	9,878
4100 FAMILY MEMBERS	9	2.8	81,769	160,636	*	2,346
4200 FARM AS BUSINESS	5	0.5	11,707	45,263	*	0
4300 SOC POLIT ORGANIZ	11	2.0	61,423	188,421	*	1,612
4400 AGRIC ECONOMY U S	1	1.0	23,944	69,443	*	0
4700 OTH MARKET PROCESS	1	0.0	0	7,457	*	0
4800 MARKETING SYSTEMS	1	0.3	4,857	14,989	*	0
6100 WEEDS	6	0.7	37,878	177,761	*	2,479
6200 SEED RESEARCH	1	0.0	0	11,355	*	0
6300 BIO CELL SYSTEMS	18	5.0	45,178	491,525	*	7,774
6400 EXP DESIGN/STAT METH	4	1.2	10,330	51,502	*	0
6500 INVERTEBRATES	22	7.7	60,586	684,218	*	0
6600 MICROORGANISMS, VIRUS	14	1.7	46,789	244,342	*	0
6700 PLANTS	30	9.0	99,507	1,599,592	*	143,656
6800 ANIMALS (VERTEBRATES)	24	4.5	121,861	981,050	*	0
7000 RSCH EQUIP & TECHNOL	4	0.7	2,888	79,523	*	5,553
9900 UNCLASSIFIED	1	0.0	7,559	7,559	*	0
TOTAL	895	242.1	5,163,027	35,039,689	*	940,504

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GR/CA SIS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	35	11.5	123,743	1,376,859	*	165
0200 WATER	25	4.9	67,807	560,064	*	3,738
0300 WATERSHEDS RIVER BAS	3	1.3	3,468	68,916	*	0
0400 AIR AND CLIMATE	7	1.2	31,666	122,418	*	0
0600 TIMBER FORST PRODUCT	2	1.1	45,550	145,877	*	0
0700 RANGE	13	2.9	52,207	433,658	*	16,665
1000 FRUIT NUTS DECIDUOUS	2	0.7	11,267	62,796	*	0
1100 POTATOES	9	3.1	96,099	425,168	*	0
1200 VEGETABLES	14	2.3	30,582	233,161	*	18,594
1300 ORNAMENTALS TURF	4	0.7	15,573	66,415	*	0
1400 CORN	16	2.0	32,124	205,832	*	0
1700 WHEAT	57	15.3	300,270	1,931,737	*	109,082
1800 OTHER SMALL GRAINS	41	9.0	122,187	1,017,310	*	7,885
1900 PASTURE	4	0.3	5,981	49,364	*	0
2000 FORAGE CROPS	17	3.0	51,799	484,480	*	0
2300 SOYBEANS	8	1.1	13,182	124,078	*	3,078
2500 OTHER OILSEED CROPS	34	6.9	73,557	804,047	*	19,057
2700 SUGAR CROPS	7	1.3	35,857	262,820	*	3,024
2800 MISC NEW CROPS	8	0.5	3,237	76,361	*	0
2900 POULTRY	2	0.6	22,201	107,142	*	0
3000 BEEF CATTLE	29	7.7	229,276	1,044,400	*	0
3100 DAIRY CATTLE	10	2.8	49,862	393,459	*	0
3200 SWINE	13	3.6	58,895	544,060	*	14,881
3300 SHEEP AND WOOL	13	3.2	65,186	442,079	*	0
3400 OTHER ANIMALS	1	0.0	640	4,663	*	0
3600 FARM SUPP & FACILITS	3	1.1	17,518	221,411	*	0
3700 CLOTHING & TEXTILES	1	0.1	2,731	7,827	*	0
3800 FOOD	1	0.3	0	76,102	*	0
3900 HOUSING & EQUIP	7	0.9	12,922	131,799	*	0
4000 PEOPLE AS INDIVIDUAL	7	0.8	14,239	95,075	*	0
4100 FAMILY MEMBERS	2	0.7	0	64,724	*	0
4200 FARM AS BUSINESS	4	0.9	9,903	96,323	*	0
4300 SOC POLIT ORGANIZ	8	1.3	12,189	208,182	*	0
4400 AGRIC ECONOMY U S	3	0.3	7,187	64,415	*	0
4800 MARKETING SYSTEMS	7	1.8	12,248	124,321	*	279
6100 WEEDS	1	0.1	1,592	4,898	*	0
6300 BIO CELL SYSTEMS	13	3.6	55,377	419,940	*	5,450
6400 EXP DESIGN/STAT METH	2	0.3	3,946	64,416	*	0
6500 INVERTEBRATES	3	0.8	16,387	65,056	*	0
6600 MICROORGANISMS, VIRUS	16	4.4	76,997	351,755	*	9,446
6700 PLANTS	15	6.3	27,610	1,526,383	*	12,502
6800 ANIMALS (VERTEBRATES)	7	4.7	1,059	679,514	*	1,502
TOTAL	474	115.5	1,814,120	15,189,301	*	225,346

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - OHIO WOOSTER SARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GE/CA SYS 1981	WITH SARE AMOUNT 1981
0100 SOIL AND LAND	32	9.5	285,067	1,142,754	*	17,637
0200 WATER	16	3.3	115,326	500,038	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	0	87,477	*	0
0400 AIR AND CLIMATE	3	0.6	27,529	106,998	*	168
0500 RECREATION RESOURCES	3	0.7	14,316	60,168	*	0
0600 TIMBER FORST PRODUCT	31	9.6	281,727	1,112,380	*	29,207
0800 WILDLIFE AND FISH	2	1.1	26,814	79,948	*	0
1000 FRUIT NUTS DECIDUOUS	23	5.6	263,510	935,525	*	3,750
1100 POTATOES	8	1.5	54,477	208,083	*	0
1200 VEGETABLES	35	8.2	347,780	1,380,387	*	0
1300 ORNAMENTALS TURF	24	6.5	221,414	925,036	*	26,811
1400 CORN	29	8.0	365,617	1,371,941	*	55,666
1700 WHEAT	13	1.5	96,573	371,199	*	1,700
1800 OTHER SMALL GRAINS	3	0.2	17,173	63,533	*	0
1900 PASTURE	4	0.8	38,944	191,545	*	7,950
2000 FORAGE CROPS	12	2.2	114,097	540,023	*	53,071
2300 SOYBEANS	33	7.7	265,562	1,255,678	*	62,535
2500 OTHER OILSEED CROPS	3	0.0	0	19,876	*	11,229
2600 TOBACCO	1	0.5	0	59,999	*	0
2700 SUGAR CROPS	6	0.9	14,840	151,509	*	0
2800 MISC NEW CROPS	1	0.0	0	789	*	0
2900 POULTRY	18	6.0	317,781	1,066,069	*	8,640
3000 BEEF CATTLE	16	4.7	201,010	1,370,982	*	47,825
3100 DAIRY CATTLE	34	9.8	409,579	1,833,608	*	125,525
3200 SWINE	16	7.3	269,022	1,430,774	*	39,795
3300 SHEEP AND WOOL	5	2.1	83,557	679,900	*	2,208
3400 OTHER ANIMALS	3	0.6	23,510	57,277	*	0
3500 BEES AND HONEY	1	0.2	7,516	21,890	*	0
3600 FARM SUPP & FACILITS	4	1.0	21,729	113,679	*	0
3700 CLOTHING & TEXTILES	3	0.5	19,906	54,829	*	0
3800 FOOD	14	2.0	73,995	221,859	*	0
3900 HOUSING & EQUIP	5	0.7	19,487	149,379	*	49,170
4000 PEOPLE AS INDIVIDUAL	13	1.3	46,808	161,038	*	0
4100 FAMILY MEMBERS	13	2.6	77,552	277,107	*	0
4200 FARM AS BUSINESS	5	1.2	31,117	135,656	*	0
4300 SOC POLIT ORGANIZ	9	2.9	14,958	245,289	*	0
4400 AGRIC ECONOMY U S	3	0.7	18,900	65,459	*	0
4700 OTH MARKET PROCESS	2	0.8	24,620	65,841	*	0
4800 MARKETING SYSTEMS	4	0.9	39,806	91,445	*	0
6500 INVERTEBRATES	1	0.2	10,304	28,497	*	0
6600 MICROORGANISMS, VIRUS	1	0.3	12,410	34,913	*	0
6700 PLANTS	11	1.6	74,394	686,761	*	474,038
6800 ANIMALS (VERTEBRATES)	7	0.2	13,676	82,603	*	35,353
7000 RSCH EQUIP & TECHNOL	1	0.2	6,510	19,818	*	0
TOTAL	472	116.2	4,368,914	19,458,558	*	1,052,276

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - OKLAHOMA STILLWATER SARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GE/CA SYS 1981	WITH SARE AMOUNT 1981
0100 SOIL AND LAND	12	4.5	127,696	373,800	*	73,855
0200 WATER	12	3.4	32,021	317,083	*	2,663
0300 WATERSHEDS RIVER BAS	2	0.1	6,006	18,074	*	0
0500 RECREATION RESOURCES	2	0.4	9,095	52,814	*	3,327
0600 TIMBER FORST PRODUCT	17	4.9	165,168	418,777	*	0
0700 RANGE	6	2.3	19,133	238,026	*	13,407
0800 WILDLIFE AND FISH	1	0.2	0	9,442	*	9,442
1000 FRUIT NUTS DECIDUOUS	10	1.8	2,068	197,217	*	0
1200 VEGETABLES	4	0.9	23,961	146,588	*	0
1300 ORNAMENTALS TURF	9	2.0	23,295	163,556	*	0
1400 CORN	8	1.5	8,766	156,764	*	999
1500 GRAIN SORGHUM	19	2.9	123,919	361,033	*	999
1700 WHEAT	30	8.9	128,831	1,014,356	*	999
1800 OTHER SMALL GRAINS	10	1.7	7,432	157,735	*	0
1900 PASTURE	9	1.6	36,453	141,843	*	0
2000 FORAGE CROPS	22	6.4	215,179	723,549	*	56,540
2100 COTTON	14	4.8	123,219	565,501	*	0
2300 SOYBEANS	7	1.2	16,750	167,189	*	0
2400 PEANUTS	12	2.3	13,286	427,739	*	0
2800 MISC NEW CROPS	3	0.4	0	44,422	*	0
3000 BEEF CATTLE	51	10.9	568,280	2,315,609	*	257,602
3100 DAIRY CATTLE	12	3.6	79,908	348,524	*	28,415
3200 SWINE	13	3.0	169,531	638,309	*	53,998
3300 SHEEP AND WOOL	3	0.8	18,412	246,045	*	242
3400 OTHER ANIMALS	1	0.3	4,105	17,231	*	0
3500 BEES AND HONEY	1	0.0	0	9,177	*	0
3600 FARM SUPP & FACILITS	5	0.8	0	119,521	*	0
3800 FOOD	6	1.3	2,426	158,956	*	0
3900 HOUSING & EQUIP	6	1.3	0	84,409	*	0
4000 PEOPLE AS INDIVIDUAL	7	2.0	55,093	158,996	*	0
4100 FAMILY MEMBERS	1	0.3	8,249	20,400	*	0
4200 FARM AS BUSINESS	12	3.4	77,623	232,340	*	114,405
4300 SOC POLIT ORGANIZ	3	1.0	69,081	123,024	*	20,782
4400 AGRIC ECONOMY U S	4	2.4	26,245	118,678	*	3,349
4700 OTH MARKET PROCESS	1	1.1	2,089	27,279	*	0
4800 MARKETING SYSTEMS	5	1.2	15,097	72,881	*	9,411
6100 WEEDS	1	0.1	11,669	38,596	*	0
6300 BIO CELL SYSTEMS	5	3.6	34,041	372,097	*	0
6500 INVERTEBRATES	4	1.6	7,744	245,331	*	7,761
6600 MICROORGANISMS, VIRUS	1	0.1	0	12,149	*	0
6700 PLANTS	11	2.5	7,524	204,324	*	18,033
6800 ANIMALS (VERTEBRATES)	9	4.0	75,757	259,224	*	15,695
6900 RESEARCH ON RSCH BGM	1	0.5	0	46,369	*	0
9900 UNCLASSIFIED	2	0.0	223,087	223,087	*	0
TOTAL	374	98.0	2,538,239	11,788,063	*	691,922

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - OREGON CORVALLIS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	26	5.4	79,247	922,672	*	140,507
0200 WATER	14	3.0	24,877	427,684	*	28,423
0300 WATERSHEDS RIVER BAS	2	0.3	0	37,769	*	6,881
0400 AIR AND CLIMATE	1	0.7	0	82,758	*	0
0500 RECREATION RESOURCES	1	0.0	0	340	*	340
0600 TIMBER FORST PRODUCT	17	4.0	34,294	333,103	*	510
0700 RANGE	14	2.6	16,563	381,607	*	49,569
0800 WILDLIFE AND FISH	49	8.9	88,121	1,924,729	*	74,484
1000 FRUIT NUTS DECIDUOUS	48	18.1	304,005	1,710,682	*	49,352
1100 POTATOES	18	3.5	45,480	514,695	*	60,044
1200 VEGETABLES	36	9.3	143,905	924,333	*	2,547
1300 ORNAMENTALS TURF	15	4.1	90,690	408,801	*	35,474
1400 CORN	3	0.3	0	21,555	*	0
1500 GRAIN SORGHUM	1	0.0	3,652	21,930	*	0
1700 WHEAT	29	6.0	122,167	839,489	*	38,076
1800 OTHER SMALL GRAINS	18	2.3	42,415	380,914	*	628
1900 PASTURE	6	0.2	2,664	112,522	*	0
2000 FORAGE CROPS	28	4.9	56,869	718,998	*	5,256
2300 SOYBEANS	1	0.3	0	50,026	*	35,221
2500 OTHER OILSEED CROPS	4	1.1	0	133,520	*	0
2700 SUGAR CROPS	1	0.1	0	7,198	*	0
2800 HISC NEW CROPS	13	1.5	58,347	298,953	*	11,374
2900 POULTRY	13	3.9	160,951	580,175	*	6,769
3000 BEEF CATTLE	32	8.6	228,101	1,530,063	*	101,627
3100 DAIRY CATTLE	19	2.7	124,449	963,251	*	20,055
3200 SWINE	9	1.5	18,682	419,503	*	0
3300 SHEEP AND WOOL	15	3.0	30,465	690,081	*	12,380
3400 OTHER ANIMALS	14	2.2	38,248	318,157	*	2,268
3500 BEES AND HONEY	3	1.5	39,707	142,414	*	20,000
3600 FARM SUPP & FACILITS	1	0.0	0	50	*	0
3800 FOOD	8	3.3	61,028	424,444	*	0
3900 HOUSING & EQUIP	3	0.5	16,128	48,805	*	0
4000 PEOPLE AS INDIVIDUAL	14	2.8	31,559	647,563	*	29,004
4100 FAMILY MEMBERS	4	0.6	17,877	51,043	*	12,359
4200 FARM AS BUSINESS	3	0.1	939	57,319	*	0
4300 SOC POLIT ORGANIZ	11	1.7	29,845	318,871	*	35,049
4400 AGRIC ECONOMY U S	1	0.0	0	47,640	*	0
4600 FARM COOPERATIVES	1	0.0	0	3,250	*	3,250
6100 WEEDS	1	0.1	2,669	6,180	*	0
6200 SEED RESEARCH	2	0.4	0	44,283	*	0
6300 BIO CELL SYSTEMS	3	0.9	667	164,233	*	0
6400 EXP DESIGN/STAT METH	4	0.3	6,819	223,138	*	3,300
6500 INVERTEBRATES	6	3.0	69,960	383,894	*	0
6600 MICROORGANISMS, VIRUS	5	1.5	9,678	469,124	*	0
6700 PLANTS	15	3.0	35,290	705,136	*	5,459
6800 ANIMALS (VERTEBRATES)	10	5.2	507	930,847	*	607
6900 RESEARCH ON RSCH HGM	1	0.0	474	1,043	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	126,132	*	0
9900 UNCLASSIFIED	2	0.0	78,447	78,447	*	0
TOTAL	546	123.5	2,115,784	19,629,360	*	789,930

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - PENNSYLVANIA COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	18	4.3	179,543	724,556	*	24,320
0200 WATER	5	0.4	13,343	34,139	*	532
0300 WATERSHEDS RIVER BAS	3	0.5	33,352	66,853	*	22,309
0400 AIR AND CLIMATE	1	0.2	3,619	13,169	*	0
0500 RECREATION RESOURCES	1	0.2	7,311	27,589	*	0
0600 TIMBER FORST PRODUCT	30	8.1	278,666	843,940	*	63,252
0800 WILDLIFE AND FISH	12	2.7	89,563	380,414	*	44,314
1000 FRUIT NUTS DECIDUOUS	25	11.9	411,193	1,310,888	*	4,106
1100 POTATOES	9	2.0	59,582	334,096	*	16,861
1200 VEGETABLES	23	9.4	310,256	1,162,624	*	39,290
1300 ORNAMENTALS TURF	19	8.1	189,212	701,629	*	10,000
1400 CORN	16	5.1	186,571	500,443	*	3,300
1700 WHEAT	6	1.6	30,029	232,114	*	85,161
1800 OTHER SMALL GRAINS	5	0.6	11,942	56,542	*	1,100
1900 PASTURE	1	0.6	14,912	45,695	*	0
2000 FORAGE CROPS	23	9.7	301,884	882,614	*	110,157
2300 SOYBEANS	1	0.1	1,770	4,943	*	0
2600 TOBACCO	2	0.6	10,784	27,990	*	0
2900 POULTRY	21	9.8	322,135	1,014,655	*	36,952
3000 BEEF CATTLE	15	3.4	121,383	442,339	*	9,849
3100 DAIRY CATTLE	28	10.7	502,919	1,513,692	*	70,854
3200 SWINE	10	3.7	161,577	567,407	*	47,481
3300 SHEEP AND WOOL	7	1.3	38,231	183,991	*	44,646
3400 OTHER ANIMALS	10	1.3	72,029	214,039	*	4,159
3500 BEES AND HONEY	3	0.8	9,751	55,822	*	0
3600 FARM SUPP & FACILITS	4	1.1	21,161	150,628	*	12,981
3800 FOOD	11	4.0	217,439	437,601	*	1,736
3900 HOUSING & EQUIP	5	1.5	57,984	136,556	*	3,485
4000 PEOPLE AS INDIVIDUAL	14	4.9	122,754	332,982	*	24,759
4100 FAMILY MEMBERS	2	1.8	25,036	93,143	*	0
4200 FARM AS BUSINESS	2	1.8	26,192	77,875	*	0
4300 SOC POLIT ORGANIZ	13	6.7	242,576	585,803	*	32,892
4400 AGRIC ECONOMY U S	1	0.4	6,012	23,833	*	0
4500 AGRIC ECONOMY FORGM	1	1.8	0	86,366	*	31,275
4800 MARKETING SYSTEMS	3	3.9	92,628	264,659	*	3,487
6100 WEEDS	2	0.3	21,724	23,522	*	0
6200 SEED RESEARCH	1	0.2	16,310	21,443	*	0
6300 BIO CELL SYSTEMS	1	0.3	19,137	19,832	*	0
6500 INVERTEBRATES	4	1.0	19,518	95,120	*	7,369
6600 MICROORGANISMS, VIRUS	12	2.0	128,209	143,356	*	0
6700 PLANTS	20	4.2	144,345	544,032	*	213,327
6800 ANIMALS (VERTEBRATES)	8	1.0	50,001	251,822	*	169,255
7000 RSCH EQUIP & TECHNOL	6	0.6	28,295	49,299	*	0
9900 UNCLASSIFIED	1	0.0	8,649	8,649	*	0
TOTAL	405	134.3	4,609,525	14,687,900	*	1,139,408

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - PUERTO RICO RIO PIEDRAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	5	1.5	12,374	120,208	*	0
0200 WATER	3	1.1	24,750	79,019	*	0
0400 AIR AND CLIMATE	1	0.4	0	28,773	*	0
0800 WILDLIFE AND FISH	1	0.1	17,643	37,321	*	0
0900 CITRUS SUB TROP FRUIT	28	14.7	401,598	1,240,131	*	621
1100 POTATOES	1	0.2	0	11,433	*	0
1200 VEGETABLES	34	22.0	616,426	1,910,830	*	796
1300 ORNAMENTALS TURF	7	2.0	89,563	207,724	*	0
1400 CORN	4	0.9	37,524	107,950	*	0
1500 GRAIN SORGHUM	1	0.4	26,259	50,723	*	0
1600 RICE	6	2.3	59,533	233,108	*	0
1900 PASTURE	6	3.6	177,767	500,680	*	233
2000 FORAGE CROPS	7	4.6	222,743	852,983	*	0
2300 SOYBEANS	3	0.8	29,055	90,126	*	0
2600 TOBACCO	1	0.1	0	10,203	*	0
2700 SUGAR CROPS	19	14.4	592,721	2,056,675	*	291
2800 MISC NEW CROPS	15	5.6	158,116	458,950	*	0
2900 POULTRY	4	1.0	14,856	111,920	*	0
3000 BEEF CATTLE	4	1.2	32,570	129,952	*	11,000
3100 DAIRY CATTLE	5	5.0	299,772	711,681	*	0
3200 SWINE	1	0.0	0	2,954	*	0
3800 FOOD	2	3.4	217,434	455,881	*	0
4000 PEOPLE AS INDIVIDUAL	2	1.0	31,257	70,284	*	0
4100 FAMILY MEMBERS	1	0.0	0	5,248	*	0
4200 FARM AS BUSINESS	3	2.5	67,700	152,197	*	0
4300 SOC POLIT ORGANIZ	2	0.1	14,516	35,966	*	0
4400 AGRIC ECONOMY U S	2	0.4	25,581	55,804	*	0
6500 INVERTEBRATES	2	0.4	0	20,852	*	0
6700 PLANTS	2	1.0	43,924	100,206	*	0
TOTAL	172	90.8	3,213,680	9,849,782	*	12,941

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - RHODE ISLAND KINGSTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	3	1.1	28,431	94,035	*	0
0200 WATER	2	0.7	21,925	53,058	*	0
0300 WATERSHEDS RIVER BAS	1	0.4	6,507	40,977	*	0
0400 AIR AND CLIMATE	1	0.5	0	2,929	*	0
0500 RECREATION RESOURCES	1	0.7	19,393	48,205	*	0
0600 TIMBER FORST PRODUCT	2	2.2	138,949	188,948	*	0
0800 WILDLIFE AND FISH	15	7.8	216,050	853,820	*	22,206
1000 FRUIT NUTS DECIDUOUS	3	0.5	24,629	96,359	*	0
1100 POTATOES	1	0.9	0	43,190	*	26,035
1200 VEGETABLES	2	0.9	48,668	198,707	*	0
1300 ORNAMENTALS TURF	8	4.2	175,901	390,647	*	0
1800 OTHER SMALL GRAINS	1	0.2	5,179	18,239	*	0
2000 FORAGE CROPS	1	0.5	23,802	123,790	*	0
2800 MISC NEW CROPS	1	0.2	5,179	16,239	*	0
2900 POULTRY	3	0.9	58,141	136,765	*	36,763
3100 DAIRY CATTLE	1	0.0	0	119	*	0
3400 OTHER ANIMALS	2	0.3	23,457	40,873	*	0
3800 FOOD	2	1.4	23,788	128,974	*	21,000
4000 PEOPLE AS INDIVIDUAL	4	1.0	37,679	110,597	*	5,600
4300 SOC POLIT ORGANIZ	1	0.4	20,381	33,360	*	0
4400 AGRIC ECONOMY U S	1	0.2	10,462	19,897	*	0
6500 INVERTEBRATES	1	0.1	7,664	17,586	*	5,600
6700 PLANTS	3	2.4	60,903	145,968	*	0
6800 ANIMALS (VERTEBRATES)	1	0.0	3,832	8,793	*	2,800
9900 UNCLASSIFIED	2	0.0	2,615	2,615	*	0
TOTAL	63	27.5	963,532	2,816,689	*	120,004

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - SOUTH CAROLINA CLEMSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	16	1.6	70,112	270,649	*	0
0200 WATER	10	1.3	67,825	178,683	*	0
0300 WATERSHEDS RIVER BAS	2	0.1	1,849	6,813	*	0
0400 AIR AND CLIMATE	1	0.2	6,955	9,661	*	0
0600 TIMBER FORST PRODUCT	4	0.3	11,354	29,622	*	0
0800 WILDLIFE AND FISH	5	2.1	56,289	218,551	*	0
1000 FRUIT NUTS DECIDUOUS	33	8.9	194,304	1,121,751	*	13,779
1200 VEGETABLES	26	8.7	61,804	977,711	*	0
1300 ORNAMENTALS TURF	17	3.6	161,932	412,808	*	0
1400 CORN	24	3.9	51,581	360,427	*	0
1500 GRAIN SORGHUM	1	0.2	0	14,237	*	0
1700 WHEAT	6	0.4	31,012	84,393	*	0
1800 OTHER SHALL GRAINS	5	0.1	19,850	81,674	*	0
1900 PASTURE	3	0.1	18,837	61,047	*	0
2000 FORAGE CROPS	15	2.2	62,194	340,903	*	0
2100 COTTON	15	2.1	45,835	320,411	*	0
2300 SOYBEANS	44	9.3	265,472	1,234,193	*	0
2400 PEANUTS	7	0.4	30,440	96,491	*	0
2500 OTHER OILSEED CROPS	3	1.6	16,722	106,217	*	0
2600 TOBACCO	11	3.7	4,396	542,832	*	0
2700 SUGAR CROPS	2	0.0	352	2,674	*	0
2800 MISC NEW CROPS	1	0.0	0	5,870	*	0
2900 POULTRY	21	3.8	135,679	630,592	*	21,383
3000 BEEF CATTLE	26	3.4	359,457	1,239,833	*	0
3100 DAIRY CATTLE	25	4.7	227,361	1,135,705	*	0
3200 SWINE	21	2.3	85,379	417,578	*	0
3300 SHEEP AND WOOL	3	0.2	18,923	70,034	*	0
3400 OTHER ANIMALS	7	0.9	40,289	175,685	*	0
3600 FARM SUPP & FACILITS	2	0.2	1,270	7,463	*	0
3800 FOOD	14	0.8	61,380	224,274	*	0
3900 HOUSING & EQUIP	5	1.4	27,392	134,340	*	0
4000 PEOPLE AS INDIVIDUAL	11	0.5	67,815	140,787	*	0
4100 FAMILY MEMBERS	3	0.1	8,211	20,523	*	0
4200 FARM AS BUSINESS	11	2.7	93,029	223,314	*	0
4300 SOC POLIT ORGANIZ	6	1.8	51,958	175,551	*	0
4400 AGRIC ECONOMY U S	4	0.9	42,774	57,687	*	0
4600 FARM COOPERATIVES	1	0.2	4,745	9,457	*	0
4700 OTH MARKET PROCESS	2	0.2	5,647	32,446	*	0
4800 MARKETING SYSTEMS	2	0.1	0	33,275	*	0
6100 WEEDS	1	0.0	4,005	5,619	*	0
6300 BIO CELL SYSTEMS	1	0.0	229	429	*	0
6400 EXP DESIGN/STAT METH	1	0.1	1,736	2,663	*	0
6500 INVERTEBRATES	6	1.3	10,731	105,241	*	0
6600 MICROORGANISMS, VIRUS	4	0.4	9,445	40,091	*	0
6700 PLANTS	8	2.1	45,572	258,394	*	11,396
6800 ANIMALS (VERTEBRATES)	4	0.2	2,989	72,945	*	858
9900 UNCLASSIFIED	1	1.8	24,129	24,129	*	0
TOTAL	441	80.3	2,509,258	11,715,674	*	47,416

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - SOUTH DAKOTA BROOKINGS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	9	5.5	129,699	484,424	*	0
0200 WATER	11	4.9	78,361	282,124	*	0
0400 AIR AND CLIMATE	2	0.7	22,859	34,979	*	0
0500 RECREATION RESOURCES	1	0.0	0	92,347	*	0
0600 TIMBER FORST PRODUCT	6	2.4	58,970	128,322	*	0
0700 RANGE	4	3.2	54,219	135,387	*	0
0800 WILDLIFE AND FISH	5	0.6	21,394	224,751	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.7	32,025	48,808	*	0
1100 POTATOES	1	0.0	1,076	3,558	*	0
1200 VEGETABLES	3	0.5	15,383	44,881	*	0
1300 ORNAMENTALS TURF	2	0.5	16,764	42,763	*	0
1400 CORN	13	3.1	123,835	306,392	*	0
1500 GRAIN SORGHUM	3	0.4	7,288	34,221	*	0
1700 WHEAT	13	4.3	157,975	356,766	*	6,764
1800 OTHER SHALL GRAINS	9	3.9	96,420	485,912	*	6,305
2000 FORAGE CROPS	14	4.5	109,671	335,918	*	3,153
2300 SOYBEANS	8	1.1	8,314	67,922	*	0
2500 OTHER OILSEED CROPS	10	3.3	62,101	185,954	*	0
2800 MISC NEW CROPS	1	0.1	0	42,862	*	0
2900 POULTRY	7	1.1	64,777	146,356	*	0
3000 BEEF CATTLE	31	15.3	307,301	1,019,625	*	16,755
3100 DAIRY CATTLE	14	5.5	140,461	377,492	*	0
3200 SWINE	17	7.1	187,349	435,425	*	2,106
3300 SHEEP AND WOOL	10	2.0	94,129	236,786	*	0
3400 OTHER ANIMALS	5	2.6	41,338	107,235	*	0
3600 FARM SUPP & FACILITS	3	0.7	3,065	31,202	*	0
3700 CLOTHING & TEXTILES	1	0.5	5,990	9,153	*	0
3800 FOOD	1	0.1	958	1,288	*	0
3900 HOUSING & EQUIP	4	2.2	10,273	91,588	*	0
4000 PEOPLE AS INDIVIDUAL	4	0.7	12,198	45,899	*	0
4300 SOC POLIT ORGANIZ	7	2.2	29,137	120,461	*	0
4800 MARKETING SYSTEMS	2	0.8	2,169	25,843	*	0
6600 MICROORGANISMS, VIRUS	1	0.2	3,746	14,770	*	0
6700 PLANTS	16	8.4	35,201	867,328	*	7,735
6800 ANIMALS (VERTEBRATES)	6	3.5	24,790	146,389	*	201
9900 UNCLASSIFIED	2	0.0	14,098	14,098	*	0
TOTAL	249	92.4	1,973,331	7,029,230	*	43,018

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - TENNESSEE KNOXVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GR/CA SIS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	11	5.5	209,408	542,762	*	1,565
0200 WATER	2	0.7	27,546	75,660	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	8,542	23,517	*	0
0400 AIR AND CLIMATE	1	0.3	15,075	36,726	*	0
0500 RECREATION RESOURCES	2	0.6	20,212	42,713	*	0
0600 TIMBER FORST PRODOCT	17	6.4	226,523	696,471	*	12,390
0800 WILDLIFE AND FISH	8	3.1	93,069	362,939	*	0
1000 FRUIT NUTS DECIDUOUS	7	2.4	76,079	247,907	*	0
1100 POTATOES	1	0.0	0	1,903	*	0
1200 VEGETABLES	12	4.8	169,564	394,948	*	0
1300 ORNAMENTALS TURF	9	5.5	146,239	571,666	*	0
1400 CORN	15	4.6	165,821	535,785	*	0
1500 GRAIN SORGHUM	2	0.4	4,745	38,220	*	0
1700 WHEAT	5	1.6	48,168	152,717	*	0
1800 OTHER SMALL GRAINS	4	1.0	34,001	114,430	*	0
1900 PASTURE	3	0.3	4,834	43,069	*	0
2000 FORAGE CROPS	14	6.8	239,646	902,204	*	113
2100 COTTON	16	6.4	225,607	731,587	*	15,941
2200 COTTONSEED	1	0.1	3,556	5,346	*	0
2300 SOYBEANS	22	7.5	227,724	703,878	*	3,199
2400 PEANUTS	1	0.1	3,556	5,346	*	0
2500 OTHER OILSEED CROPS	2	0.1	4,520	11,082	*	0
2600 TOBACCO	7	3.3	108,412	382,519	*	0
2700 SUGAR CROPS	2	0.3	10,931	20,826	*	0
2800 MISC NEW CROPS	1	0.2	13,433	19,628	*	0
2900 POULTRY	7	2.0	63,710	241,882	*	0
3000 BEEF CATTLE	29	16.4	492,072	3,520,639	*	55,532
3100 DAIRY CATTLE	13	8.5	247,110	2,499,397	*	34,201
3200 SWINE	17	9.5	153,094	1,566,042	*	0
3300 SHEEP AND WOOL	5	0.9	9,510	109,245	*	24,774
3400 OTHER ANIMALS	3	1.7	15,984	254,397	*	0
3700 CLOTHING & TEXTILES	1	0.4	32,653	42,891	*	0
3800 FOOD	14	4.0	228,244	448,355	*	0
3900 HOUSING & EQUIP	3	0.8	25,092	77,171	*	0
4000 PEOPLE AS INDIVIDUAL	11	3.3	124,607	261,312	*	17
4100 FAMILY MEMBERS	7	2.4	76,250	144,434	*	0
4200 FARM AS BUSINESS	9	2.6	96,728	188,350	*	50
4300 SOC POLIT ORGANIZ	4	1.2	22,980	95,681	*	67
4400 AGRIC ECONOMY U S	2	0.2	2,515	10,785	*	17
4500 AGRIC ECONOMY FORGW	1	0.1	1,522	6,035	*	17
4800 MARKETING SYSTEMS	1	0.1	4,915	9,851	*	0
6100 WEEDS	1	0.1	0	2,556	*	2,556
6300 BIO CELL SYSTEMS	1	0.7	33,944	56,821	*	0
6600 MICROORGANISMS, VIRUS	1	0.2	5,222	12,815	*	0
6700 PLANTS	6	1.5	37,663	146,511	*	3,330
6800 ANIMALS (VERTEBRATES)	4	0.3	10,370	19,404	*	1,859
TOTAL	306	118.8	3,771,395	16,378,421	*	155,627

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - TEXAS COLLEGE STATION SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	42	11.4	128,236	1,112,984	*	4,269
0200 WATER	41	12.7	164,959	1,357,480	*	88,911
0300 WATERSHEDS RIVER BAS	8	1.7	29,431	112,698	*	14,141
0400 AIR AND CLIMATE	2	0.0	157	27,477	*	4,518
0500 RECREATION RESOURCES	5	6.0	56,078	323,871	*	48,128
0600 TIMBER FORST PRODUCT	30	8.5	165,046	1,780,966	*	150,719
0700 RANGE	29	13.5	187,361	1,605,824	*	31,011
0800 WILDLIFE AND FISH	35	13.5	182,745	2,032,672	*	269,076
0900 CITRUS SUB TROP FRUIT	10	6.6	24,767	564,674	*	13,864
1000 FRUIT NUTS DECIDUOUS	29	13.0	107,353	1,031,787	*	9,609
1100 POTATOES	3	0.3	14,974	64,530	*	0
1200 VEGETABLES	39	18.1	294,067	1,790,707	*	17,116
1300 ORNAMENTALS TURF	18	11.3	86,604	944,839	*	6,381
1400 CORN	25	4.9	39,609	371,667	*	35,386
1500 GRAIN SORGHUM	57	21.5	270,199	1,946,522	*	70,073
1600 RICE	15	6.6	54,296	614,074	*	1,921
1700 WHEAT	28	8.7	92,490	788,873	*	34,007
1800 OTHER SMALL GRAINS	10	2.7	24,286	221,696	*	3,576
1900 PASTURE	10	4.0	52,551	391,368	*	3,882
2000 FORAGE CROPS	35	16.3	220,326	1,611,636	*	9,506
2100 COTTON	62	31.0	538,511	3,700,288	*	184,535
2200 COTTONSEED	8	2.3	15,695	160,081	*	7,272
2300 SOYBEANS	20	7.3	64,060	547,075	*	12,744
2400 PEANUTS	22	5.7	88,996	976,432	*	10,916
2500 OTHER OILSEED CROPS	4	2.4	7,032	143,968	*	388
2600 TOBACCO	1	0.1	556	7,158	*	0
2700 SUGAR CROPS	10	4.8	70,009	519,766	*	3,393
2800 MISC NEW CROPS	6	0.4	13,012	79,985	*	29,300
2900 POULTRY	21	10.5	114,753	1,442,706	*	7,929
3000 BEEF CATTLE	75	29.3	849,452	4,498,792	*	343,806
3100 DAIRY CATTLE	34	8.1	198,144	899,898	*	47,154
3200 SWINE	12	1.9	29,165	256,112	*	5,434
3300 SHEEP AND WOOL	28	5.5	65,171	668,312	*	98,171
3400 OTHER ANIMALS	31	6.5	108,442	898,424	*	161,927
3500 BEES AND HONEY	1	0.0	0	46,053	*	0
3600 FARM SUPP & FACILITS	1	0.0	0	25,227	*	2,149
3800 FOOD	13	3.3	37,132	188,462	*	36,096
3900 HOUSING & EQUIP	6	1.6	26,153	161,362	*	3,732
4000 PEOPLE AS INDIVIDUAL	13	4.1	171,604	370,918	*	3,910
4100 FAMILY MEMBERS	3	0.2	38,799	47,681	*	1,475
4200 FARM AS BUSINESS	8	5.1	66,955	253,932	*	2,060
4300 SOC POLIT ORGANIZ	9	2.4	108,570	283,223	*	5,608
4400 AGRIC ECONOMY U S	4	2.5	6,442	87,453	*	17,740
4600 FARM COOPERATIVES	2	0.1	1,073	35,410	*	208
4700 OTH MARKET PROCESS	2	0.2	4,901	13,504	*	973
4800 MARKETING SYSTEMS	4	2.6	26,009	255,480	*	29,850
6100 WEEDS	3	0.4	688	32,508	*	0
6200 SEED RESEARCH	2	0.7	5,156	69,313	*	0
6300 BIO CELL SYSTEMS	8	4.3	15,016	241,565	*	8,324
6400 EXP DESIGN/STAT METH	1	0.1	1,138	2,502	*	0
6500 INVERTEBRATES	4	1.9	10,392	148,360	*	2,000
6600 MICROORGANISMS, VIRUS	1	0.0	0	3,028	*	0
6700 PLANTS	18	8.4	117,581	580,664	*	36,618
6800 ANIMALS (VERTEBRATES)	8	2.8	10,635	144,543	*	8,804
7000 RSCH EQUIP & TECHNOL	3	0.5	4,728	66,274	*	0
9900 UNCLASSIFIED	1	0.0	36,878	36,878	*	0
TOTAL	920	342.4	5,048,387	36,589,602	*	1,888,608

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - UTAH LOGAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	12	4.4	131,458	474,052	*	20,903
0200 WATER	6	1.9	26,833	213,328	*	17,292
0300 WATERSHEDS RIVER BAS	2	0.4	21,027	37,534	*	0
0400 AIR AND CLIMATE	2	0.7	8,764	60,510	*	0
0500 RECREATION RESOURCES	3	1.2	32,981	67,919	*	0
0600 TIMBER FORST PRODUCT	5	1.1	34,130	67,731	*	2,477
0700 RANGE	20	5.1	61,951	679,702	*	31,258
1000 FRUIT NUTS DECIDUOUS	9	2.0	63,697	189,401	*	0
1100 POTATOES	2	0.0	5,393	15,813	*	5,340
1200 VEGETABLES	7	1.1	12,700	131,842	*	24,481
1300 ORNAMENTALS TURF	1	0.0	0	84,111	*	0
1400 CORN	2	0.2	6,258	25,007	*	9,692
1700 WHEAT	9	2.2	55,118	306,731	*	39,435
1800 OTHER SMALL GRAINS	7	1.9	15,077	237,020	*	31,776
2000 FORAGE CROPS	17	2.4	62,865	344,211	*	83,888
2700 SUGAR CROPS	5	0.0	957	41,349	*	31,181
2900 POULTRY	6	2.7	84,687	264,607	*	0
3000 BEEF CATTLE	15	4.5	91,906	823,552	*	12,476
3100 DAIRY CATTLE	23	7.1	218,857	1,100,709	*	11,976
3200 SWINE	3	0.3	965	39,584	*	0
3300 SHEEP AND WOOL	11	3.9	103,876	509,524	*	126,443
3400 OTHER ANIMALS	5	1.7	32,202	249,161	*	5,764
3500 BEES AND HONEY	2	0.5	2,416	49,960	*	21,607
3800 FOOD	9	2.7	38,157	292,522	*	103,900
3900 HOUSING & EQUIP	1	0.1	2,148	6,118	*	0
4000 PEOPLE AS INDIVIDUAL	12	3.4	22,587	343,667	*	108,766
4100 FAMILY MEMBERS	4	0.7	21,263	38,284	*	0
4200 FARM AS BUSINESS	1	0.2	0	12,810	*	0
4300 SOC POLIT ORGANIZ	7	2.4	29,666	171,255	*	4,857
4400 AGRIC ECONOMY U S	2	0.5	15,058	38,830	*	0
6100 WEEDS	1	0.0	0	636	*	0
6200 SEED RESEARCH	1	0.0	0	1,988	*	0
6300 BIO CELL SYSTEMS	2	1.2	26,287	64,482	*	0
6500 INVERTEBRATES	1	0.5	16,390	34,748	*	0
6700 PLANTS	19	6.5	128,909	561,546	*	30,053
6800 ANIMALS (VERTEBRATES)	7	2.7	80,152	366,996	*	5,054
7000 RSCH EQUIP & TECHNOL	2	3.1	0	248,777	*	27,016
TOTAL	243	69.3	1,446,734	8,196,016	*	755,832

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - VERMONT BURLINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	BEG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GE/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	7	2.9	122,180	246,553	*	2,681
0200 WATER	1	0.3	30,722	38,089	*	0
0400 AIR AND CLIMATE	1	0.0	0	642	*	0
0500 RECREATION RESOURCES	1	0.2	13,607	14,029	*	0
0600 TIMBER FORST PRODUCT	5	2.5	91,607	199,162	*	2,936
1000 FRUIT NUTS DECIDUOUS	8	2.9	116,094	333,566	*	784
1100 POTATOES	1	0.1	0	16,973	*	522
1200 VEGETABLES	1	0.1	0	16,973	*	522
1300 ORNAMENTALS TURF	3	0.9	57,706	97,900	*	784
1400 CORN	1	0.1	2,357	5,579	*	1,417
1700 WHEAT	1	0.4	21,829	28,649	*	0
2000 FORAGE CROPS	5	1.5	61,605	156,046	*	12,757
2900 POULTRY	4	1.3	19,753	220,621	*	0
3000 BEEF CATTLE	2	0.3	13,213	20,222	*	0
3100 DAIRY CATTLE	15	4.5	178,375	554,799	*	19,805
3300 SHEEP AND WOOL	3	0.1	3,376	18,586	*	0
3400 OTHER ANIMALS	1	0.1	443	14,512	*	0
3700 CLOTHING & TEXTILES	1	0.2	0	9,701	*	0
3800 FOOD	1	0.6	39,405	46,649	*	0
3900 HOUSING & EQUIP	1	0.3	0	11,761	*	0
4000 PEOPLE AS INDIVIDUAL	6	2.2	105,332	125,666	*	0
4200 FARM AS BUSINESS	1	0.1	6,923	9,649	*	0
4300 SOC POLIT ORGANIZ	3	0.3	22,665	47,251	*	0
4800 MARKETING SYSTEMS	1	0.1	6,923	9,649	*	0
6300 BIO CELL SYSTEMS	1	0.8	36,231	42,287	*	0
6500 INVERTEBRATES	1	0.0	0	1,267	*	0
6600 MICROORGANISMS, VIRUS	1	0.8	29,709	38,765	*	0
6700 PLANTS	4	1.8	82,302	183,922	*	7,286
TOTAL	81	25.2	1,062,353	2,509,466	*	49,494

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - VIRGIN ISLANDS ST. THOMAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	BEG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GE/CA SYS 1981	WITH SAES AMOUNT 1981
0200 WATER	1	0.1	8,727	8,727	*	0
0800 WILDLIFE AND FISH	3	1.2	90,749	124,991	*	0
0900 CITRUS SUB TROP FRUT	1	1.0	24,867	40,014	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.1	2,763	4,446	*	0
1200 VEGETABLES	1	1.2	90,436	145,772	*	0
1500 GRAIN SORGHUM	1	0.3	22,622	36,693	*	0
1900 PASTURE	1	0.6	13,731	22,062	*	0
2000 FORAGE CROPS	1	0.3	22,622	36,693	*	0
3000 BEEF CATTLE	1	0.5	60,065	77,107	*	0
6700 PLANTS	1	0.2	0	3,907	*	3,907
TOTAL	12	5.5	336,581	500,412	*	3,907

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - VIRGINIA BLACKSBURG SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	14	5.9	43,694	1,683,030	*	20,042
0200 WATER	7	1.3	28,031	193,723	*	19,699
0300 WATERSHEDS RIVER BAS	1	1.0	0	48,844	*	0
0400 AIR AND CLIMATE	1	0.1	356	427	*	0
0500 RECREATION RESOURCES	2	1.1	33,620	155,440	*	44,310
0600 TIMBER FORST PRODUCT	28	11.2	265,820	2,464,865	*	295,954
0800 WILDLIFE AND FISH	15	2.5	54,513	844,583	*	125,464
1000 FRUIT NUTS DECIDUOUS	21	7.0	89,133	1,162,822	*	4,122
1200 VEGETABLES	7	2.7	18,063	292,286	*	3,503
1300 ORNAMENTALS TURF	11	4.7	141,276	511,586	*	248
1400 CORN	12	4.0	78,920	373,330	*	1,831
1700 WHEAT	7	2.3	37,600	216,557	*	1,490
1800 OTHER SMALL GRAINS	5	1.4	45,199	143,784	*	624
1900 PASTURE	3	0.6	14,646	120,802	*	12,023
2000 FORAGE CROPS	12	5.9	126,859	575,363	*	27,351
2100 COTTON	1	0.1	2,375	4,947	*	0
2300 SOYBEANS	15	6.0	103,093	803,309	*	25,964
2400 PEANUTS	6	3.6	64,012	648,362	*	66,900
2500 OTHER OILSEED CROPS	1	0.1	6,852	60,705	*	619
2600 TOBACCO	14	6.6	69,899	775,009	*	0
2700 SUGAR CROPS	1	0.2	7,240	16,932	*	0
2800 MISC NEW CROPS	1	0.1	2,176	13,719	*	0
2900 POULTRY	31	10.5	406,859	1,593,552	*	21,007
3000 BEEF CATTLE	46	15.1	364,011	1,761,108	*	59,146
3100 DAIRY CATTLE	28	10.6	444,318	1,459,370	*	15,383
3200 SWINE	21	7.8	124,194	885,460	*	64,733
3300 SHEEP AND WOOL	19	3.4	99,382	550,817	*	27,030
3400 OTHER ANIMALS	4	0.4	3,639	30,757	*	0
3600 FARM SUPP & FACILITS	1	0.1	775	3,366	*	0
3700 CLOTHING & TEXTILES	4	0.9	44,104	83,656	*	5,230
3800 FOOD	5	5.2	99,217	489,490	*	51,215
3900 HOUSING & EQUIP	3	1.0	11,558	60,708	*	18
4000 PEOPLE AS INDIVIDUAL	9	9.0	142,005	593,747	*	47,642
4100 FAMILY MEMBERS	4	2.9	35,198	165,239	*	5,130
4300 SOC POLIT ORGANIZ	2	0.8	8,123	66,386	*	1,912
6100 WEEDS	2	0.3	8,269	15,150	*	0
6300 BIO CELL SYSTEMS	7	3.7	36,637	357,095	*	0
6500 INVERTEBRATES	4	3.7	107,623	354,079	*	0
6600 MICROORGANISMS, VIRUS	6	8.8	24,552	1,671,923	*	65,498
6700 PLANTS	14	5.0	99,469	409,881	*	35,173
6800 ANIMALS (VERTEBRATES)	9	2.9	47,478	594,245	*	61,062
6900 RESEARCH ON RSCH MGN	1	1.0	8,025	43,269	*	1,888
9900 UNCLASSIFIED	2	0.0	43,075	43,075	*	0
TOTAL	407	161.2	3,391,886	22,342,796	*	1,112,211

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - WASHINGTON PULLMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	35	9.6	167,594	1,094,352	*	143,573
0200 WATER	14	3.2	52,379	421,630	*	33,857
0300 WATERSHEDS RIVER BAS	2	0.1	0	20,918	*	9,329
0400 AIR AND CLIMATE	2	0.4	4,513	43,196	*	13,710
0500 RECREATION RESOURCES	3	0.4	3,180	86,226	*	15,999
0600 TIMBER FORST PRODUCT	28	8.8	144,143	1,318,671	*	54,663
0700 RANGE	11	0.7	10,646	169,390	*	30,159
0800 WILDLIFE AND FISH	3	0.3	3,883	35,868	*	4,980
1000 FRUIT NUTS DECIDUOUS	53	24.8	635,996	3,659,126	*	67,091
1100 POTATOES	19	4.6	89,242	881,696	*	63,923
1200 VEGETABLES	51	12.9	256,460	1,863,225	*	101,644
1300 ORNAMENTALS TURF	15	5.6	25,003	473,532	*	0
1400 CORN	2	0.2	1,793	24,702	*	8
1700 WHEAT	35	6.2	135,549	1,342,022	*	163,931
1800 OTHER SMALL GRAINS	13	1.7	60,262	529,417	*	4,982
1900 PASTURE	1	0.1	0	10,341	*	0
2000 FORAGE CROPS	14	1.8	85,115	327,991	*	55,026
2300 SOYBEANS	2	0.4	0	40,117	*	1,171
2500 OTHER OILSEED CROPS	4	1.8	21,804	182,222	*	4,685
2700 SUGAR CROPS	2	0.5	0	78,579	*	0
2800 MISC NEW CROPS	14	3.8	66,795	686,374	*	71,681
2900 POULTRY	13	4.3	54,921	710,186	*	0
3000 BEEF CATTLE	23	5.2	131,522	1,168,474	*	48,567
3100 DAIRY CATTLE	24	5.1	133,209	667,699	*	0
3200 SWINE	6	1.0	31,933	322,104	*	0
3300 SHEEP AND WOOL	12	0.9	26,602	164,395	*	20,404
3400 OTHER ANIMALS	7	0.8	2,815	129,603	*	1,214
3500 BEES AND HONEY	2	0.7	20,359	71,401	*	3,497
3800 FOOD	10	3.8	97,051	409,243	*	98,395
3900 HOUSING & EQUIP	4	0.8	4,977	114,570	*	2,104
4000 PEOPLE AS INDIVIDUAL	10	2.1	30,003	174,908	*	15,856
4100 FAMILY MEMBERS	5	1.0	29,181	111,493	*	0
4200 FARM AS BUSINESS	2	0.9	21,171	66,401	*	0
4300 SOC POLIT ORGANIZ	7	2.4	37,464	151,232	*	0
4400 AGRIC ECONOMY U S	3	0.7	13,639	75,187	*	4
4600 FARM COOPERATIVES	2	0.2	986	21,699	*	1,470
4700 OTH MARKET PROCESS	1	0.1	3,944	5,939	*	0
4800 MARKETING SYSTEMS	1	1.0	0	109,762	*	7,774
6100 WEEDS	5	0.7	13,753	115,063	*	0
6200 SEED RESEARCH	1	0.1	0	44,343	*	0
6300 BIO CELL SYSTEMS	2	1.0	21,671	209,463	*	17,950
6400 RIP DESIGN/STAT METH	2	0.4	1,664	33,258	*	10,662
6500 INVERTEBRATES	7	1.8	30,467	140,842	*	2,186
6600 MICROORGANISMS, VIRUS	5	0.7	13,592	95,358	*	17,351
6700 PLANTS	15	6.3	132,264	1,439,732	*	37,658
7000 RSCH EQUIP & TECHNOL	2	0.8	2,508	91,322	*	23,669
9900 UNCLASSIFIED	2	0.0	139,439	139,439	*	0
TOTAL	496	131.0	2,759,455	20,072,711	*	1,149,170

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - WEST VIRGINIA HORGANTOWN SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SIS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	9	2.2	125,742	280,736	*	4,893
0200 WATER	2	0.6	39,270	59,491	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	0	7,019	*	858
0500 RECREATION RESOURCES	3	1.3	20,884	67,714	*	1,942
0600 TIMBER FORST PRODUCT	23	5.9	290,114	643,446	*	46,423
0700 RANGE	1	0.2	57,465	105,608	*	0
0800 WILDLIFE AND FISH	10	0.7	29,588	106,637	*	6,205
1000 FRUIT NUTS DECIDUOUS	16	5.5	344,925	563,736	*	2,819
1100 POTATOES	4	1.3	113,186	155,723	*	0
1200 VEGETABLES	5	1.2	46,269	89,662	*	1,128
1300 ORNAMENTALS TURF	6	0.8	46,143	93,397	*	1,128
1400 CORN	3	0.3	12,699	27,826	*	0
1700 WHEAT	1	0.0	0	4,804	*	0
1800 OTHER SMALL GRAINS	1	0.0	0	4,804	*	0
1900 PASTURE	2	0.5	37,610	77,482	*	1,449
2000 FORAGE CROPS	8	2.3	68,895	164,909	*	1,014
2900 POULTRY	6	1.5	110,812	258,506	*	0
3000 BEEF CATTLE	10	2.8	284,918	635,045	*	7,479
3100 DAIRY CATTLE	8	2.1	189,627	420,550	*	12,155
3200 SWINE	1	0.1	20,992	39,874	*	0
3300 SHEEP AND WOOL	4	1.0	119,541	259,553	*	0
3400 OTHER ANIMALS	1	0.1	5,545	8,827	*	0
3500 BEES AND HONEY	1	0.1	3,733	5,580	*	0
3800 FOOD	1	0.0	1,500	1,754	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.5	13,260	21,191	*	0
4200 FARM AS BUSINESS	1	1.1	58,931	80,007	*	0
4300 SOC POLIT ORGANIZ	6	2.7	115,369	217,306	*	16,770
4800 MARKETING SYSTEMS	1	0.8	21,766	33,344	*	0
6300 BIO CELL SYSTEMS	1	0.1	7,846	10,964	*	0
6500 INVERTEBRATES	1	0.2	7,466	11,159	*	0
6700 PLANTS	2	0.1	0	9,957	*	3,627
6800 ANIMALS (VERTEBRATES)	3	0.4	13,619	30,955	*	0
TOTAL	144	36.6	2,207,713	4,497,566	*	107,089

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - WISCONSIN MADISON SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SIS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	39	8.4	209,674	1,261,158	*	12,798
0200 WATER	12	3.5	32,383	410,488	*	3,668
0300 WATERSHEDS RIVER BAS	1	0.1	0	16,215	*	0
0400 AIR AND CLIMATE	1	0.1	0	5,111	*	0
0500 RECREATION RESOURCES	6	1.7	41,243	162,064	*	0
0600 TIMBER FORST PRODUCT	31	10.6	340,007	1,301,512	*	0
0700 RANGE	2	0.3	26,564	47,023	*	0
0800 WILDLIFE AND FISH	19	4.4	47,820	767,733	*	0
1000 FRUIT NUTS DECIDUOUS	13	3.5	59,134	475,141	*	0
1100 POTATOES	18	5.8	251,945	938,741	*	0
1200 VEGETABLES	43	10.0	280,515	1,532,966	*	69,061
1300 ORNAMENTALS TURF	7	1.2	5,602	116,348	*	0
1400 CORN	28	5.2	129,430	774,957	*	0
1500 GRAIN SORGHUM	1	0.1	0	2,764	*	0
1700 WHEAT	4	0.5	0	85,035	*	0
1800 OTHER SMALL GRAINS	11	2.2	31,855	501,690	*	0
1900 PASTURE	1	0.1	0	15,017	*	0
2000 FORAGE CROPS	31	6.8	241,035	955,318	*	0
2300 SOYBEANS	17	2.9	79,209	561,392	*	0
2500 OTHER OILSEED CROPS	2	0.1	5,819	27,485	*	0
2600 TOBACCO	3	0.7	17,022	84,489	*	1,894
2800 HISC NEW CROPS	1	0.0	1,793	11,355	*	0
2900 POULTRY	19	4.8	175,147	975,539	*	203,773
3000 BEEF CATTLE	16	2.7	163,922	632,204	*	75,533
3100 DAIRY CATTLE	64	15.8	649,664	3,644,418	*	135,978
3200 SWINE	23	4.2	229,202	859,007	*	21,296
3300 SHEEP AND WOOL	5	0.4	16,200	167,721	*	3,496
3400 OTHER ANIMALS	7	2.3	43,829	733,495	*	0
3500 BEES AND HONEY	3	0.8	0	123,049	*	49,923
3800 FOOD	23	6.9	107,052	1,389,265	*	70,419
3900 HOUSING & EQUIP	3	0.7	22,218	74,804	*	0
4000 PEOPLE AS INDIVIDUAL	24	8.6	138,380	1,562,985	*	10,147
4100 FAMILY MEMBERS	6	1.5	46,446	89,283	*	0
4200 FARM AS BUSINESS	6	1.5	33,093	141,297	*	0
4300 SOC POLIT ORGANIZ	14	3.6	97,515	391,036	*	21,625
4400 AGRIC ECONOMY U S	6	1.3	38,372	185,281	*	59,611
4500 AGRIC ECONOMY FORGN	1	0.2	0	38,813	*	24,479
4600 FARM COOPERATIVES	3	0.6	9,030	48,476	*	27
4800 MARKETING SYSTEMS	7	0.6	9,627	52,753	*	9,661
6100 WEEDS	1	0.0	0	1,288	*	0
6200 SEED RESEARCH	1	0.3	10,470	87,170	*	0
6300 BIO CELL SYSTEMS	19	7.1	21,791	1,772,440	*	0
6400 EXP DESIGN/STAT METH	5	1.5	35,754	219,086	*	0
6500 INVERTEBRATES	9	2.7	72,450	405,128	*	0
6600 MICROORGANISMS, VIRUS	18	7.4	55,491	1,803,177	*	0
6700 PLANTS	15	4.8	128,447	753,934	*	24,084
6800 ANIMALS (VERTEBRATES)	28	6.4	97,307	1,676,262	*	44,033
7000 RSCH EQUIP & TECHNOL	3	0.6	16,363	328,311	*	0
9900 UNCLASSIFIED	1	0.0	11,789	11,789	*	0
TOTAL	621	155.4	4,030,607	28,222,007	*	841,506

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - WYOMING LARAMIE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/CT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	7	2.2	24,361	95,435	*	0
0200 WATER	9	2.4	60,043	158,849	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	1,899	2,928	*	0
0400 AIR AND CLIMATE	2	0.4	28,574	36,781	*	0
0500 RECREATION RESOURCES	1	0.3	6,330	8,734	*	0
0600 TIMBER FORST PRODUCT	4	2.5	85,694	192,575	*	0
0700 RANGE	10	2.4	59,404	223,149	*	16,500
0800 WILDLIFE AND FISH	2	0.3	9,251	19,640	*	0
1100 POTATOES	1	0.3	11,656	23,784	*	0
1200 VEGETABLES	1	0.0	0	6,234	*	0
1300 ORNAMENTALS TURF	1	0.0	1,223	1,999	*	0
1400 CORN	5	1.1	6,798	82,905	*	0
1700 WHEAT	5	2.7	32,150	199,821	*	0
1800 OTHER SHALL GRAINS	4	1.5	23,125	129,955	*	0
1900 PASTURE	1	0.0	2,211	8,626	*	0
2000 FORAGE CROPS	11	4.8	96,194	411,705	*	20,500
2500 OTHER OILSEED CROPS	1	0.0	0	3,117	*	0
2700 SUGAR CROPS	6	2.0	31,707	163,683	*	0
3000 BEEF CATTLE	21	9.9	455,324	1,006,725	*	0
3100 DAIRY CATTLE	6	1.1	36,878	77,679	*	0
3300 SHEEP AND WOOL	11	4.9	175,571	442,868	*	6,188
3400 OTHER ANIMALS	2	1.1	16,614	147,168	*	0
3900 HOUSING & EQUIP	4	0.6	18,406	60,582	*	21,231
4000 PEOPLE AS INDIVIDUAL	2	0.2	22,625	25,257	*	0
4100 FAMILY MEMBERS	1	0.0	4,531	4,531	*	0
4200 FARM AS BUSINESS	2	1.2	45,280	62,052	*	0
4300 SOC POLIT ORGANIZ	3	0.3	2,268	20,641	*	0
4400 AGRIC ECONOMY U S	1	0.1	2,490	3,255	*	0
4700 OTH MARKET PROCESS	2	0.2	7,291	20,615	*	9,099
6500 INVERTEBRATES	3	1.1	9,710	57,633	*	0
6600 MICROORGANISMS, VIRUS	1	0.4	0	46,527	*	10,250
6700 PLANTS	4	0.7	0	73,490	*	14,565
6800 ANIMALS (VERTEBRATES)	2	0.2	0	18,277	*	325
TOTAL	137	44.8	1,277,606	3,837,218	*	98,658

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	52	14.0	58,144	1,227,679	*	110,093
0200 WATER	18	6.9	27,641	562,540	*	42,724
0300 WATERSHEDS RIVER BAS	25	6.1	44,581	600,043	*	105,844
0400 AIR AND CLIMATE	4	0.9	0	233,534	*	108,557
0500 RECREATION RESOURCES	35	8.6	70,967	878,629	*	118,160
0600 TIMBER FORST PRODUCT	503	175.6	1,910,164	18,054,225	*	2,646,593
0700 RANGE	14	4.1	64,551	306,796	*	55,299
0800 WILDLIFE AND FISH	88	25.4	251,168	2,365,597	*	250,888
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	1,115	*	0
1200 VEGETABLES	1	0.2	0	20,396	*	0
1300 ORNAMENTALS TURF	4	0.1	0	18,124	*	0
2000 FORAGE CROPS	1	0.1	0	12,664	*	0
2300 SOYBEANS	2	0.2	0	22,491	*	20,463
2800 MISC NEW CROPS	1	0.2	0	10,483	*	0
3400 OTHER ANIMALS	1	0.0	0	3,192	*	0
3600 FARM SUPP & FACILITS	1	0.3	11,543	31,417	*	0
3900 HOUSING & EQUIP	4	0.9	0	66,836	*	3,745
4000 PEOPLE AS INDIVIDUAL	3	0.6	17,603	48,440	*	2,004
4300 SOC POLIT ORGANIZ	3	0.0	0	26,758	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	0	1,823	*	0
6300 BIO CELL SYSTEMS	4	4.6	0	284,186	*	22,071
6500 INVERTEBRATES	2	0.8	0	46,573	*	0
6600 MICROORGANISMS, VIRUS	6	3.6	7,115	251,016	*	0
6700 PLANTS	6	0.5	25,500	74,611	*	9,771
6800 ANIMALS (VERTEBRATES)	4	1.3	0	136,211	*	0
6900 RESEARCH ON RSCH MGN	2	0.0	0	761,975	*	29,414
7000 RSCH EQUIP & TECHNOL	11	4.4	18,785	369,399	*	26,322
9900 UNCLASSIFIED	2	4.5	18,564	18,564	*	0
TOTAL	799	263.7	2,526,326	26,435,315	*	3,551,946

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	7	4.8	12,027	409,973	*	17,726
102 SOIL PLNT WTR NUTRI	37	8.0	132,221	718,000	*	38,258
103 HGHT OF SALINE SOIL	1	0.1	0	1,330	*	0
104 ALTERN USE OF LAND	13	2.1	18,172	209,884	*	47,890
105 CONSERV USE OF WATE	4	3.8	1,525	274,800	*	3,761
107 WATERSHED PROT & HG	35	13.5	42,413	1,231,603	*	171,309
109 WEATHER ADAPT & MOD	4	2.0	13,541	221,639	*	106,557
110 APPRAIS FORST & HAW	34	4.6	80,685	591,461	*	156,677
111 BIOL CULT HGHT FORS	197	54.3	672,631	5,738,844	*	949,810
112 IMPROV RANGE RESOR	13	3.8	64,551	278,275	*	41,638
113 REMOTE SENSING	14	2.0	36,877	307,183	*	84,778
114 RSCH ON HGHT OF RSC	2	0.0	0	761,975	*	29,414
SUBTOTAL	361	99.0	1,074,644	10,744,966	*	1,649,817
SERIES 200						
201 CTRL FORST INSECTS	56	12.7	126,776	1,635,714	*	457,257
202 CONTROL FOREST DIS	38	7.9	186,875	873,029	*	80,819
203 FOREST FIRE PROTECT	5	0.7	0	70,725	*	11,711
206 CONTR WEEDS FRT & VE	1	0.0	0	1,115	*	0
210 CONTR PESTS ANIMALS	2	0.4	0	65,373	*	0
214 PROTECT FROM POLLUT	8	2.8	628	169,099	*	49,224
SUBTOTAL	110	24.6	314,280	2,815,055	*	599,011
SERIES 300						
301 GENET BREED FORST T	35	15.2	222,133	1,555,051	*	282,913
302 INP FOREST MNG SYS	14	5.2	23,755	436,685	*	93,397
303 ECON TIMBER PRODUCT	15	5.9	37,371	561,304	*	137,626
304 INP BIO EFF FRT & V	1	0.2	0	20,396	*	0
307 INP BIO EFF FLD CRP	2	0.2	0	22,491	*	20,463
315 INP STRUC FARM SUPP	1	0.3	11,543	31,417	*	0
318 NON-COM BIO TECH/BI	18	11.7	0	802,906	*	44,142
SUBTOTAL	86	38.7	294,803	3,430,249	*	578,540
SERIES 400						
401 NEW INP FOREST PROD	80	42.5	325,497	4,051,431	*	170,269
407 NEW INP NON-FOOD FC	1	0.2	0	7,862	*	0
411 INP NON-FOOD ANHL P	1	0.0	22,787	22,787	*	0
SUBTOTAL	82	42.7	348,284	4,082,080	*	170,269
SERIES 500						
502 HKTG TIMBER PRODUCT	9	3.9	30,382	263,285	*	8,008
512 INP GRADES PRST PRO	4	1.2	0	96,115	*	3,745
513 PRICE ANAL PRST PRO	8	2.3	33,104	195,299	*	11,740
SUBTOTAL	21	7.5	63,486	554,698	*	23,493
SERIES 600						
603 TECH AID DEV CRTY	6	2.3	1,691	394,075	*	19,699
SUBTOTAL	6	2.3	1,691	394,075	*	19,699
SERIES 800						
802 INDIV & FAN DEC HAK	1	0.4	17,603	35,688	*	0
805 COMMUNICAT RURAL PE	2	0.2	0	12,752	*	2,004
SUBTOTAL	3	0.6	17,603	48,440	*	2,004
SERIES 900						
901 ALLEY POLLUTION	22	4.2	34,797	528,518	*	28,383
902 OUTDOOR RECREATION	34	8.8	63,876	834,018	*	118,563
903 MULTI-USE-FOREST PO	25	4.0	137,850	503,546	*	47,634
904 WILDLIFE AND FISH MCO	80	23.8	156,450	2,205,280	*	199,563
905 TREES BEAUTIFICATIO	17	3.2	0	241,003	*	114,971
906 ORNAMENT & TURF DEV	1	0.0	0	8,478	*	0
908 RURAL INSTITUT INP	2	0.0	0	26,344	*	0
990 UNCLASSIFIED	2	4.5	18,564	18,564	*	0
SUBTOTAL	183	48.4	411,536	4,365,751	*	509,114
SCIENCE IN SERV OF MAN						
GRAND TOTAL	852	263.7	2,526,326	26,435,315	*	3,551,946

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH FLAGSTAFF

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0500 RECREATION RESOURCES	1	0.1	0	5,207	*	0
0600 TIMBER FORST PRODUCT	8	3.3	75,130	162,858	*	0
0700 RANGE	1	0.1	0	4,426	*	0
TOTAL	10	3.5	75,130	172,491	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH ARCATO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	2	0.1	4,463	9,136	*	0
0600 TIMBER FORST PRODUCT	13	1.2	30,487	73,215	*	0
TOTAL	15	1.3	34,950	82,351	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH CARBONDALE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	1	0.1	189	3,002	*	0
0200 WATER	1	0.1	189	3,002	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	18,784	27,358	*	0
0500 RECREATION RESOURCES	4	0.6	610	26,677	*	0
0600 TIMBER FORST PRODUCT	12	2.8	77,667	222,236	*	4,213
4300 SOC POLIT ORGANIZ	1	0.0	0	414	*	0
TOTAL	21	3.9	97,439	282,688	*	4,213

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH FT COLLINS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	1	0.0	0	21,500	*	0
0300 WATERSHEDS RIVER BAS	2	0.6	13,200	65,826	*	0
0400 AIR AND CLIMATE	1	0.2	0	50,000	*	0
0500 RECREATION RESOURCES	1	1.6	0	175,040	*	0
0600 TIMBER FORST PRODUCT	16	2.8	115,400	416,709	*	0
6700 PLANTS	1	0.2	25,500	25,500	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	57,603	*	0
TOTAL	23	5.7	154,100	812,178	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH MOSCOW

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	1	0.5	0	24,893	*	15,769
0200 WATER	1	0.2	0	100,766	*	0
0300 WATERSHEDS RIVER BAS	8	1.7	0	163,812	*	69,763
0500 RECREATION RESOURCES	7	2.0	16,156	128,868	*	17,941
0600 TIMBER FORST PRODUCT	57	20.1	169,251	2,149,091	*	519,114
0700 RANGE	8	2.1	28,216	194,129	*	41,638
0800 WILDLIFE AND FISH	38	14.3	20,744	1,071,782	*	128,582
TOTAL	120	40.9	234,367	3,833,340	*	792,807

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH BOSTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SRS AMOUNT 1981
0600 TIMBER FORST PRODUCT	6	2.0	67,616	184,114	*	0
0800 WILDLIFE AND FISH	1	0.3	7,982	21,702	*	0
3600 FARM SUPP & FACILITIES	1	0.3	11,543	31,417	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	4,947	13,464	*	0
TOTAL	9	2.7	92,088	250,696	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH ANN ARBOR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SRS AMOUNT 1981
0100 SOIL AND LAND	4	0.6	22,451	53,863	*	342
0200 WATER	1	0.0	0	2,329	*	0
0500 RECREATION RESOURCES	2	0.4	0	51,605	*	11,160
0600 TIMBER FORST PRODUCT	26	2.9	80,944	421,784	*	13,342
0800 WILDLIFE AND FISH	1	0.1	0	32,543	*	0
1300 ORNAMENTALS TURF	2	0.1	0	12,104	*	0
2300 SOYBEANS	1	0.2	0	22,463	*	20,463
3900 HOUSING & EQUIP	1	0.0	0	1,747	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	0	1,823	*	0
6700 PLANTS	1	0.0	0	4,658	*	0
TOTAL	40	4.5	103,395	604,917	*	45,306

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH HOUGHTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SRS AMOUNT 1981
0100 SOIL AND LAND	2	1.1	5,848	120,566	*	0
0500 RECREATION RESOURCES	1	0.0	7,064	10,259	*	0
0600 TIMBER FORST PRODUCT	25	7.2	89,663	1,340,507	*	18,852
TOTAL	28	8.3	102,575	1,471,332	*	18,852

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH BISSOULA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SRS AMOUNT 1981
0500 RECREATION RESOURCES	1	0.1	3,955	73,625	*	6
0600 TIMBER FORST PRODUCT	11	5.5	111,980	719,048	*	108,552
0700 RANGE	2	1.4	36,335	64,126	*	0
0800 WILDLIFE AND FISH	5	1.6	58,824	304,480	*	7,108
TOTAL	19	8.6	211,094	1,161,279	*	115,666

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH SYRACUSE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	20	1.7	13,191	228,861	*	61,545
0200 WATER	7	0.9	0	79,045	*	15,327
0300 WATERSHEDS RIVER BAS	3	1.0	7,081	114,408	*	18,940
0400 AIR AND CLIMATE	2	0.2	0	69,008	*	0
0500 TIMBER FORST PRODUCT	92	29.6	174,203	3,072,763	*	346,471
0800 WILDLIFE AND FISH	18	1.8	0	272,309	*	28,375
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	1,115	*	0
1200 VEGETABLES	1	0.2	0	20,396	*	0
1300 ORNAMENTALS TURF	2	0.0	0	6,820	*	0
2000 FORAGE CROPS	1	0.1	0	12,664	*	0
2300 SOYBEANS	1	0.0	0	28	*	0
2800 MISC NEW CROPS	1	0.2	0	10,483	*	0
3400 OTHER ANIMALS	1	0.0	0	3,192	*	0
3900 HOUSING & EQUIP	1	0.0	0	686	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.0	0	2,094	*	2,084
4300 SOC POLIT ORGANIZ	2	0.0	0	26,344	*	0
6300 BIO CELL SYSTEMS	4	4.6	0	284,186	*	22,871
6500 INVERTEBRATES	2	0.8	0	46,573	*	0
6600 MICROORGANISMS, VIRUS	5	3.2	7,115	193,899	*	0
6700 PLANTS	4	0.3	0	44,454	*	9,771
6800 ANIMALS (VERTEBRATES)	4	1.3	0	136,211	*	0
6900 RESEARCH ON RSCH HGH	2	0.0	0	761,975	*	29,414
7000 RSCH EQUIP & TECHNOL	8	2.9	1,256	254,067	*	26,322
9900 UNCLASSIFIED	1	4.5	16,566	16,566	*	0
TOTAL	184	53.0	219,412	5,657,343	*	552,239

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH CORVALLIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	6	1.9	8,423	147,430	*	22,903
0200 WATER	2	2.0	27,452	97,092	*	23,637
0300 WATERSHEDS RIVER BAS	4	1.1	5,516	127,781	*	14,027
0400 AIR AND CLIMATE	1	0.5	0	114,526	*	108,557
0500 RECREATION RESOURCES	10	2.2	0	221,326	*	58,920
0600 TIMBER FORST PRODUCT	112	47.1	306,241	4,637,448	*	1,183,285
0700 RANGE	1	0.3	0	26,749	*	0
0800 WILDLIFE AND FISH	2	0.3	0	14,022	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.6	17,603	46,346	*	0
6600 MICROORGANISMS, VIRUS	1	0.4	0	57,118	*	0
7000 RSCH EQUIP & TECHNOL	1	1.0	12,582	44,264	*	0
9900 UNCLASSIFIED	1	0.0	1,998	1,998	*	0
TOTAL	143	57.3	379,815	5,536,099	*	1,411,329

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH CLEBSON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	11	0.3	3,579	40,561	*	0
0200 WATER	3	0.3	0	21,190	*	0
0300 WATERSHEDS RIVER BAS	3	0.1	0	12,597	*	0
0500 RECREATION RESOURCES	3	0.3	0	27,012	*	0
0600 TIMBER FORST PRODUCT	85	10.8	246,297	1,193,823	*	49,849
0700 RANGE	1	0.1	0	3,706	*	0
0800 WILDLIFE AND FISH	13	1.0	36,180	126,122	*	16,608
TOTAL	119	12.8	286,055	1,425,011	*	66,457

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH WACOGDOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	2	0.5	0	38,953	*	911
0200 WATER	1	0.0	0	1,817	*	0
0300 WATERSHEDS RIVER BAS	2	0.5	0	39,630	*	911
0600 TIMBER FORST PRODUCT	16	1.7	83,257	238,082	*	28,138
0700 RANGE	1	0.1	0	13,661	*	13,661
0800 WILDLIFE AND FISH	6	2.3	60,392	164,913	*	64,413
TOTAL	28	5.0	143,649	497,055	*	108,033

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0500 RECREATION RESOURCES	3	1.3	43,174	123,754	*	11,717
0600 TIMBER FORST PRODUCT	5	2.7	101,879	278,559	*	24,992
0800 WILDLIFE AND FISH	2	1.1	44,259	132,900	*	0
TOTAL	10	5.1	189,312	535,213	*	36,709

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FORESTRY SCH SEATTLE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA CON/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	2	7.3	0	538,916	*	8,623
0200 WATER	2	3.5	0	257,300	*	3,761
0300 WATERSHEDS RIVER BAS	1	0.8	0	48,631	*	2,203
0500 RECREATION RESOURCES	2	0.0	8	35,257	*	18,416
0600 TIMBER FORST PRODUCT	19	35.9	180,150	2,943,989	*	349,785
0800 WILDLIFE AND FISH	2	2.7	22,787	224,825	*	13,802
3900 HOUSING & EQUIP	2	0.9	0	64,404	*	3,745
TOTAL	30	51.1	202,945	4,113,322	*	400,335

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	23	11.8	819,579	1,042,458	*	200,396
0200 WATER	11	9.8	449,884	553,837	*	103,953
0300 WATERSHEDS RIVER BAS	2	1.2	78,380	83,893	*	5,513
0400 AIR AND CLIMATE	2	0.2	46,440	46,617	*	177
0500 RECREATION RESOURCES	2	1.0	0	60,246	*	60,246
0600 TIMBER FORST PRODUCT	4	0.7	119,600	123,549	*	3,949
0700 RANGE	2	0.6	81,656	81,656	*	0
0800 WILDLIFE AND FISH	17	4.6	475,725	681,546	*	193,718
1000 FRUIT NUTS DECIDUOUS	7	3.6	262,704	319,753	*	57,049
1100 POTATOES	1	0.0	6,025	6,025	*	0
1200 VEGETABLES	42	19.1	1,690,292	1,904,775	*	198,709
1400 CORN	6	0.3	23,806	52,812	*	29,006
1500 GRAIN SORGHUM	5	0.3	15,562	33,815	*	12,583
1600 RICE	2	0.0	0	2,765	*	2,765
1700 WHEAT	3	1.1	58,273	85,021	*	12,583
1800 OTHER SMALL GRAINS	9	0.6	346,881	354,997	*	8,117
1900 PASTURE	2	0.5	44,118	64,044	*	19,926
2000 FORAGE CROPS	14	5.2	438,726	548,244	*	98,157
2100 COTTON	7	1.7	271,980	313,283	*	36,995
2300 SOYBEANS	35	14.8	1,619,983	1,828,137	*	202,535
2400 PEANUTS	4	3.0	142,903	176,860	*	33,957
2500 OTHER OILSEED CROPS	1	0.3	40,411	46,475	*	0
2600 TOBACCO	2	1.3	67,242	134,998	*	69,756
2800 MISC NEW CROPS	1	0.0	0	1,699	*	1,699
2800 MISC NEW CROPS	1	1.0	75,000	136,500	*	0
2900 POULTRY	18	7.8	540,234	666,465	*	107,356
3000 BEEF CATTLE	26	9.8	1,125,422	1,284,584	*	114,894
3100 DAIRY CATTLE	16	3.3	362,515	810,206	*	403,903
3200 SWINE	20	9.2	1,278,944	1,600,018	*	321,074
3300 SHEEP AND WOOL	1	11.6	15,584	172,362	*	0
3300 SHEEP AND WOOL	8	4.4	416,066	417,887	*	1,644
3400 OTHER ANIMALS	16	14.5	1,101,882	1,360,488	*	254,513
3500 BEES AND HONEY	1	0.0	20,944	20,944	*	0
3600 FARM SUPP & FACILITS	4	1.1	6,414	88,829	*	82,254
3700 CLOTHING & TEXTILES	6	1.6	130,864	170,408	*	37,130
3800 FOOD	25	10.7	1,019,681	1,148,716	*	129,035
3900 HOUSING & EQUIP	5	3.7	42,768	120,795	*	78,027
4000 PEOPLE AS INDIVIDUAL	78	26.4	1,919,064	2,469,939	*	545,019
4100 FAMILY MEMBERS	43	11.9	984,481	1,286,080	*	299,754
4200 FARM AS BUSINESS	11	3.8	318,783	349,770	*	30,988
4300 SOC POLIT ORGANIZ	32	10.8	834,376	952,021	*	117,319
4400 AGRIC ECONOMY U S	8	1.0	120,022	138,823	*	18,802
4600 FARM COOPERATIVES	2	0.6	3,690	18,381	*	14,691
4800 MARKETING SYSTEMS	2	0.2	0	22,607	*	22,607
6100 WEEDS	2	0.5	0	25,966	*	25,966
6300 BIO CELL SYSTEMS	2	0.1	9,629	11,174	*	1,545
6400 EXP DESIGN/STAT METH	3	0.7	21,990	71,121	*	49,132
6500 INVERTEBRATES	3	1.2	63,424	95,469	*	26,187
6600 MICROORGANISMS, VIRUS	2	0.3	19,364	42,873	*	23,510
6700 PLANTS	11	2.6	51,685	189,652	*	82,834
6800 ANIMALS (VERTEBRATES)	2	0.5	19,364	45,546	*	26,183
7000 RSCH EQUIP & TECHNOL	1	0.0	0	150,000	*	0
9900 UNCLASSIFIED	7	0.0	364,173	364,173	*	0
TOTAL	560	220.6	17,966,531	22,781,300	*	4,158,150

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY PROBLEM AREA- OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMINSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GR/CA SYS 1981	WITH SALES AMOUNT 1981
SERIES 100						
101 APPRAIS OF SOIL RES	4	0.9	31,826	76,339	*	44,512
102 SOIL PLNT WTR NUTRI	15	7.5	674,101	707,829	*	23,855
103 HGHT OF SALINE SOIL	1	0.0	0	1,352	*	1,352
105 CONSERV USE OF WATE	3	0.4	36,887	42,022	*	0
107 WATERSHED PROT & MG	2	0.1	53,882	53,882	*	0
109 WEATHER ADAPT & MOD	3	0.2	25,136	42,251	*	17,115
110 APPRAIS FORST & SAN	1	0.1	11,710	11,710	*	0
111 BIOL CULT HGHT FORS	2	0.5	100,721	104,670	*	3,949
112 IMPROV RANGE RESOR	1	0.5	67,019	67,019	*	0
113 REHOVE SEWING	1	0.2	26,347	26,347	*	0
SUBTOTAL	33	10.3	1,027,629	1,133,421	*	90,783
SERIES 200						
204 CTRR PESTS FRT & VE	4	0.3	18,783	27,522	*	8,739
205 CTRR DISE FRT & VEG	9	0.8	94,193	131,872	*	37,679
206 CTRR WEEDS FRT & VE	5	0.8	25,136	70,633	*	45,497
207 CTRR PESTS FLD CROP	11	1.6	206,252	248,455	*	38,041
208 CTRR DIS FIELD CROP	12	3.0	364,488	426,499	*	62,011
209 CTRR WEEDS FLD CROP	3	1.5	140,123	141,418	*	637
210 CONTR PESTS ANIMALS	1	1.3	94,137	94,137	*	0
211 CONTR DIS ANIMALS	1	11.6	15,584	172,362	*	0
211 CONTR DIS ANIMALS	15	5.7	312,546	352,630	*	40,084
212 CTRR INTER PARASITE	2	0.4	14,853	105,350	*	90,497
213 PROT ANML PROH TOX	3	1.1	93,451	93,451	*	0
214 PROTECT FROM POLLUT	7	1.7	70,964	328,608	*	51,181
SUBTOTAL	73	29.7	1,450,508	2,192,936	*	374,366
SERIES 300						
304 IHP BIO EFF FRT & V	36	14.4	1,284,687	1,452,418	*	152,972
305 HECH PROD FRT & VEG	2	0.1	12,619	15,186	*	0
306 PROD HGHT SYS F & V	2	0.1	21,468	21,468	*	0
307 IHP BIO EFF FLD CRP	37	11.3	1,389,122	1,609,166	*	209,143
307 IHP BIO EFF FLD CRP	1	1.0	75,000	136,500	*	0
308 HECH PROD FIELD CRO	1	0.0	0	2,567	*	0
309 PROD HGHT SYS FLD C	3	0.0	12,891	28,701	*	2,911
310 ANIMAL REPRODUCTION	17	10.2	1,061,115	1,131,129	*	24,704
311 IHP BIO EFF ANML PR	28	12.7	1,588,611	2,066,102	*	435,705
312 ENV STRESS IN ANML	2	0.8	0	73,504	*	73,504
313 PROD HGHT SYS ANML	10	6.4	418,209	472,676	*	54,467
314 BEES OTH POLLUTNG I	1	0.0	20,944	20,944	*	0
315 IHP STRUC FARM SUPP	4	1.1	6,414	88,829	*	82,254
316 FARM BUSINESS HGHT	5	2.8	177,840	200,222	*	22,382
317 HECH/STRUCTS ANML P	1	0.1	0	5,134	*	0
318 NON-COM BIO TECH/BI	11	3.1	105,480	267,906	*	156,568
SUBTOTAL	161	64.0	6,174,400	7,592,451	*	1,214,611
SERIES 400						
402 PROD F & V IHP ACCE	6	2.2	85,008	145,030	*	59,007
405 PROD FLD CROP IHP A	8	1.9	160,247	229,895	*	69,647
406 NEW IHP FOOD FLD CR	5	1.0	144,674	152,717	*	8,043
409 PROD ANML PR IHP AC	12	3.4	633,386	842,590	*	205,089
410 IHP HEAT MILK HGG F	2	0.2	53,104	53,104	*	0
411 IHP NON-FOOD ANML P	1	0.2	68,650	68,650	*	0
412 HKT QUAL ANIMAL PRO	2	0.5	89,035	96,872	*	7,837
SUBTOTAL	36	9.2	1,234,103	1,588,856	*	349,623
SERIES 500						
501 IHP GRADES & STANDS	1	0.5	23,646	23,646	*	0
503 HKTG EFF AGRIC PRODS	3	0.9	0	32,454	*	32,454
506 SPLY DEMAND AND PRI	1	0.7	41,982	41,982	*	0
508 DOMESTIC HKT DEVELP	1	0.1	9,624	10,429	*	0
509 PERFORMANCE HKTG SY	1	0.0	0	128	*	128
510 GROUP ACT HKT POWER	2	0.6	3,690	18,381	*	14,691
511 IHP AGRIC STATISTIC	2	0.2	21,990	25,597	*	3,608
SUBTOTAL	11	3.0	100,932	152,617	*	50,881
SERIES 700						
701 TOX RES IN FOOD	8	5.8	367,635	415,581	*	41,483
702 FOOD PROT FROM TOX	6	3.1	231,530	291,578	*	47,122
703 FOOD CONSUMP HABITS	23	10.3	656,009	890,960	*	234,410
704 HOME COHN FOOD SERV	1	0.4	26,133	28,064	*	0
705 SEL CARE CLOTH & TE	6	1.6	130,864	170,408	*	37,130
708 HUMAN NUTRITION	39	16.8	1,628,069	1,992,010	*	362,680
709 REDUCE HAZ HLTH & S	4	2.9	165,142	308,089	*	142,947
SUBTOTAL	87	40.9	3,205,382	4,096,689	*	865,772
SERIES 800						
801 RURAL HOUSING	4	3.7	42,768	120,667	*	77,899
802 INDIV & FAM DEC MAK	22	6.1	499,621	601,502	*	101,881
803 RURAL POVERTY	23	11.1	831,169	893,074	*	58,556
804 ECON POTENT RURL PE	20	7.0	440,756	590,027	*	149,271
805 COMMUNICAT RURL PE	12	3.3	400,691	483,385	*	82,694
806 ADJUSTMENT TO CHANG	20	3.5	121,544	329,050	*	204,630
807 AGRIC ECONOMIC CHAN	12	2.3	292,958	322,550	*	29,592
SUBTOTAL	113	37.0	2,629,507	3,340,255	*	704,523
SERIES 900						
901 ALLEV POLLUTION	20	17.0	951,726	1,213,380	*	241,342
902 OUTDOOR RECREATION	2	1.0	0	60,246	*	60,246
904 WLDLFE AND FISH MCO	16	3.8	463,835	621,884	*	146,747
907 RURAL INCOME IMP	6	0.7	25,791	61,140	*	35,349
908 RURAL INSTITUT IHP	7	3.9	339,346	363,253	*	23,908
990 UNCLASSIFIED	7	0.0	364,173	364,173	*	0
SUBTOTAL	58	26.4	2,144,070	2,684,076	*	507,592
SCIENCE IN SERV OF MAN						
GRAND TOTAL	572	220.6	17,966,531	22,781,300	*	4,158,150

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ALA TUSKEGEE TUSKEGEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA WITH SAES SYS 1981	AMOUNT 1981
0100 SOIL AND LAND	2	0.4	26,505	26,505	*	0
0800 WILDLIFE AND FISH	1	0.1	6,186	6,186	*	0
1000 FRUIT NUTS DECIDUOUS	2	2.1	69,559	69,559	*	0
1200 VEGETABLES	18	3.9	204,084	242,595	*	38,511
1400 CORN	1	0.0	0	3,167	*	3,167
2000 FORAGE CROPS	1	0.8	26,544	26,544	*	0
2800 HISC NEW CROPS	1	0.0	0	1,699	*	1,699
2900 POULTRY	7	3.1	215,843	220,564	*	4,721
3000 BEEF CATTLE	7	1.0	58,403	87,167	*	28,764
3100 DAIRY CATTLE	5	0.9	86,201	89,281	*	3,080
3200 SWINE	7	3.0	98,827	133,903	*	35,076
3400 OTHER ANIMALS	4	0.5	49,520	52,253	*	2,733
3500 BEES AND HONEY	1	0.0	20,944	20,944	*	0
3800 FOOD	4	0.1	9,929	14,153	*	4,224
4000 PEOPLE AS INDIVIDUAL	5	0.7	69,558	69,966	*	408
4100 FAMILY MEMBERS	5	1.1	65,547	65,613	*	66
4200 FARM AS BUSINESS	1	0.3	24,405	24,405	*	0
4300 SOC POLIT ORGANIZ	4	0.6	53,612	53,612	*	0
4400 AGRIC ECONOMY U S	1	0.3	24,405	24,405	*	0
6600 MICROORGANISMS, VIRUS	1	0.3	19,364	19,364	*	0
6800 ANIMALS (VERTEBRATES)	1	0.3	19,364	19,364	*	0
TOTAL	75	19.1	1,148,797	1,271,245	*	122,448

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ALA A&H NORMAL OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA WITH SAES SYS 1981	AMOUNT 1981
0100 SOIL AND LAND	1	0.1	17,565	17,565	*	0
0200 WATER	1	0.1	14,637	14,637	*	0
0600 TIMBER FORST PRODUCT	3	0.6	112,431	116,380	*	3,949
0700 RANGE	1	0.1	14,637	14,637	*	0
1800 OTHER SMALL GRAINS	8	0.6	340,856	348,973	*	8,117
2000 *ORAGE CROPS	1	0.0	0	114	*	114
2300 SOYBEANS	3	0.6	241,244	241,244	*	0
2900 POULTRY	1	0.0	0	1,532	*	1,532
3000 BEEF CATTLE	3	0.2	68,650	76,913	*	8,263
3100 DAIRY CATTLE	2	0.0	29,156	29,634	*	479
3300 SHEEP AND WOOL	1	0.2	68,650	68,650	*	0
3400 OTHER ANIMALS	3	0.3	31,437	70,860	*	39,423
3700 CLOTHING & TEXTILES	1	0.1	40,151	40,151	*	0
3800 FOOD	1	0.1	75,802	75,802	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.1	6,940	9,668	*	2,728
4300 SOC POLIT ORGANIZ	2	0.4	51,094	55,187	*	4,093
6600 MICROORGANISMS, VIRUS	1	0.0	0	23,510	*	23,510
9900 UNCLASSIFIED	1	0.0	28,338	28,338	*	0
TOTAL	36	3.5	1,141,587	1,233,793	*	92,206

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ARK A & H PINE BLUFF OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA WITH SAES SYS 1981	AMOUNT 1981
0100 SOIL AND LAND	1	0.8	62,247	64,418	*	0
0800 WILDLIFE AND FISH	3	1.8	219,876	283,969	*	52,087
1200 VEGETABLES	2	1.0	108,082	110,566	*	792
1500 GRAIN SORGHUM	2	0.1	9,538	10,073	*	0
2100 COTTON	2	0.6	9,624	45,648	*	31,716
2300 SOYBEANS	3	1.1	89,952	93,481	*	0
2500 OTHER OILSEED CROPS	1	0.3	40,411	46,475	*	0
2900 POULTRY	2	0.8	55,599	102,099	*	40,744
3400 OTHER ANIMALS	2	1.3	90,992	95,085	*	0
3700 CLOTHING & TEXTILES	2	0.4	28,872	32,215	*	929
4000 PEOPLE AS INDIVIDUAL	7	1.8	126,303	240,726	*	104,842
4100 FAMILY MEMBERS	2	0.4	40,955	42,800	*	0
4300 SOC POLIT ORGANIZ	2	0.1	7,980	8,307	*	0
4400 AGRIC ECONOMY U S	1	0.1	7,980	7,980	*	0
6500 INVERTEBRATES	1	1.0	63,424	69,282	*	0
9900 UNCLASSIFIED	1	0.0	17,468	17,468	*	0
TOTAL	34	11.5	979,303	1,270,590	*	235,110

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - CALIFORNIA FENBURY PARK OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA WITH SAES SYS 1981	AMOUNT 1981
6700 PLANTS	1	0.0	0	50,000	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	0	150,000	*	0
TOTAL	2	0.0	0	200,000	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - CALIFORNIA SHAFER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
2800 HISC NEW CROPS	1	1.0	75,000	136,500	*	0
TOTAL	1	1.0	75,000	136,500	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - DEL STATE COL DOVER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0800 AIR AND CLIMATE	2	0.2	46,440	46,617	*	177
0800 WILDLIFE AND FISH	3	0.4	110,579	115,376	*	4,797
1200 VEGETABLES	1	1.5	75,986	75,986	*	0
2000 FORAGE CROPS	3	0.5	75,193	82,607	*	7,414
3100 DAIRY CATTLE	2	0.2	42,307	49,721	*	7,414
3800 FOOD	1	0.0	0	260	*	260
4000 PEOPLE AS INDIVIDUAL	3	0.5	49,136	55,597	*	6,461
TOTAL	15	3.2	399,640	426,163	*	26,523

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FLORIDA A&H TALLAHASSEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	3	0.2	23,044	25,772	*	2,728
0200 WATER	4	7.7	382,878	384,253	*	1,375
0600 TIMBER FORST PRODUCT	1	0.1	7,169	7,169	*	0
0800 WILDLIFE AND FISH	3	0.5	44,197	46,948	*	2,751
2400 PEANUTS	1	2.0	86,034	86,034	*	0
3000 BEEF CATTLE	1	0.8	43,990	43,990	*	0
3800 FOOD	1	1.5	61,247	61,247	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.6	81,247	84,109	*	2,862
4100 FAMILY MEMBERS	1	0.2	30,001	30,001	*	0
TOTAL	19	14.6	759,807	769,523	*	9,716

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - FT. VALLEY COL FORT VALLEY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	2	0.5	106,196	106,196	*	0
0200 WATER	1	0.0	13,179	13,179	*	0
1000 FRUIT NUTS DECIDUOUS	4	1.1	167,576	224,625	*	57,049
1100 POTATOES	1	0.0	6,025	6,025	*	0
1200 VEGETABLES	6	2.0	340,910	356,550	*	15,262
1500 GRAIN SORGHUM	1	0.0	6,025	6,025	*	0
1800 OTHER SMALL GRAINS	1	0.0	6,025	6,025	*	0
2300 SOYBEANS	3	1.8	182,112	182,896	*	784
2900 POULTRY	1	0.6	0	49,058	*	49,058
3000 BEEF CATTLE	4	1.0	190,163	191,534	*	841
3300 SHEEP AND WOOL	2	0.2	35,191	35,367	*	0
3400 OTHER ANIMALS	1	0.0	0	1,431	*	1,431
3600 FARM SUPP & FACILITS	2	0.4	0	52,083	*	51,922
4000 PEOPLE AS INDIVIDUAL	2	0.1	26,665	26,940	*	0
4100 FAMILY MEMBERS	3	0.5	53,351	94,889	*	41,538
4300 SOC POLIT ORGANIZ	3	0.4	37,367	37,367	*	0
4400 AGRIC ECONOMY U S	2	0.3	25,217	25,217	*	0
6100 WEEDS	1	0.0	0	637	*	637
6300 BIO CELL SYSTEMS	1	0.1	9,629	9,629	*	0
6700 PLANTS	2	0.0	13,179	13,815	*	637
TOTAL	43	9.0	1,218,807	1,439,485	*	219,158

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - KY STATE COLL FRANKFORT OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
1400 CORN	3	0.0	23,806	26,571	*	2,765
1600 RICE	2	0.0	0	2,765	*	2,765
3100 DAIRY CATTLE	2	0.4	0	20,887	*	20,887
3800 FOOD	9	3.9	503,552	506,195	*	2,644
4000 PEOPLE AS INDIVIDUAL	12	3.4	382,368	406,909	*	24,541
4100 FAMILY MEMBERS	7	1.2	95,811	164,420	*	68,609
4300 SOC POLIT ORGANIZ	9	3.7	268,543	353,121	*	84,578
6300 BIO CELL SYSTEMS	1	0.0	0	1,545	*	1,545
6500 INVERTEBRATES	1	0.0	0	4	*	4
6700 PLANTS	1	0.0	0	8,290	*	8,290
9900 UNCLASSIFIED	1	0.0	56,811	56,811	*	0
TOTAL	48	12.6	1,330,891	1,547,517	*	216,626

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - SOUTHERN UNIV BATON ROUGE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
1200 VEGETABLES	2	0.8	77,824	100,582	*	22,758
2300 SOYBEANS	5	1.8	142,086	146,405	*	2,228
2900 POULTRY	2	0.6	79,827	91,301	*	9,951
3000 BEEF CATTLE	2	0.7	159,553	205,695	*	8,866
3100 DAIRY CATTLE	2	0.7	116,558	167,581	*	7,236
3200 SWINE	1	0.8	91,999	91,999	*	0
3400 OTHER ANIMALS	1	0.0	0	4,113	*	4,113
4000 PEOPLE AS INDIVIDUAL	2	1.2	108,774	108,774	*	0
4100 FAMILY MEMBERS	1	0.7	40,139	40,139	*	0
4200 FARM AS BUSINESS	1	0.0	0	4,700	*	4,700
4300 SOC POLIT ORGANIZ	1	1.5	77,884	77,884	*	0
4800 MARKETING SYSTEMS	1	0.2	0	22,351	*	22,351
9900 UNCLASSIFIED	1	0.0	3,669	3,669	*	0
TOTAL	22	9.0	898,313	1,065,193	*	82,203

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - JOHN HOPKINS BALTIMORE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
3300 SHEEP AND WOOL	1	11.6	15,584	172,362	*	0
TOTAL	1	11.6	15,584	172,362	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - MD. STATE COL PRINCESS ANN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SABS AMOUNT 1981
0100 SOIL AND LAND	2	0.2	26,064	26,185	*	121
0800 WILDLIFE AND FISH	1	0.2	0	69,542	*	69,446
2000 FORAGE CROPS	2	0.3	39,095	39,277	*	182
2300 SOYBEANS	5	2.2	269,556	270,352	*	796
3200 SWINE	2	0.2	60,909	71,313	*	10,404
4000 PEOPLE AS INDIVIDUAL	2	0.0	0	731	*	731
4100 FAMILY MEMBERS	4	0.7	171,483	180,684	*	9,201
4300 SOC POLIT ORGANIZ	2	0.3	73,493	77,136	*	3,643
6700 PLANTS	1	0.0	15,804	15,804	*	0
TOTAL	21	4.1	656,404	751,023	*	94,523

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - ALCORN A&H LORHAN OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	3	1.2	24,866	144,653	*	119,787
0200 WATER	1	0.3	0	26,899	*	26,899
0800 WILDLIFE AND FISH	1	0.1	0	13,091	*	13,091
1200 VEGETABLES	2	0.7	36,065	61,395	*	25,330
1900 PASTURE	2	0.5	44,118	64,044	*	19,926
2300 SOYBEANS	1	0.1	24,866	24,866	*	0
3000 BEEF CATTLE	2	1.1	102,942	149,436	*	46,494
3800 FOOD	1	0.8	109,646	109,646	*	0
4000 PEOPLE AS INDIVIDUAL	6	2.7	337,233	374,502	*	37,269
4100 FAMILY MEMBERS	2	0.9	99,967	99,967	*	0
4200 FARM AS BUSINESS	2	0.3	61,184	61,184	*	0
4300 SOC POLIT ORGANIZ	1	0.4	45,357	45,357	*	0
4400 AGRIC ECONOMY U S	2	0.3	62,420	62,420	*	0
6100 WEEDS	1	0.5	0	25,330	*	25,330
6500 INVERTEBRATES	1	0.2	0	26,183	*	26,183
6800 ANIMALS (VERTEBRATES)	1	0.2	0	26,183	*	26,183
TOTAL	29	10.2	948,664	1,315,155	*	366,491

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - LINCOLN UNIV JEFFERSON CITY OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0700 RANGE	1	0.5	67,019	67,019	*	0
1200 VEGETABLES	1	0.5	147,834	147,834	*	0
2300 SOYBEANS	1	0.5	113,100	113,100	*	0
3000 BEEF CATTLE	1	0.8	152,968	152,968	*	0
3100 DAIRY CATTLE	1	0.2	88,294	88,294	*	0
3200 SWINE	1	0.8	118,948	118,948	*	0
3300 SHEEP AND WOOL	2	0.8	202,246	202,246	*	0
3400 OTHER ANIMALS	1	1.0	145,462	145,462	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.5	96,105	96,105	*	0
4100 FAMILY MEMBERS	1	0.0	97,124	97,124	*	0
TOTAL	11	5.6	1,229,100	1,229,100	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - AG TECH NC. GREENSBORO OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
0100 SOIL AND LAND	4	4.2	314,047	317,655	*	3,608
0200 WATER	1	0.8	0	39,411	*	39,411
0500 RECREATION RESOURCES	2	1.0	0	60,246	*	60,246
0800 WILDLIFE AND FISH	3	1.0	38,611	47,761	*	9,150
2000 FORAGE CROPS	1	0.5	61,328	61,328	*	0
2600 TOBACCO	2	1.3	67,242	136,998	*	69,756
2900 POULTRY	1	1.5	88,255	88,255	*	0
3000 BEEF CATTLE	2	2.0	150,761	150,761	*	0
3100 DAIRY CATTLE	1	1.0	0	147,879	*	147,879
3200 SWINE	1	1.0	328,392	328,392	*	0
3300 SHEEP AND WOOL	3	3.2	109,980	111,624	*	1,644
3400 OTHER ANIMALS	1	0.8	0	190,622	*	190,622
3600 FARM SUPP & FACILITS	1	0.1	6,414	6,414	*	0
3700 CLOTHING & TEXTILES	2	0.8	61,841	66,317	*	4,476
3900 HOUSING & EQUIP	4	3.7	42,768	120,667	*	77,899
4000 PEOPLE AS INDIVIDUAL	6	3.8	105,835	121,328	*	15,493
4100 FAMILY MEMBERS	2	2.0	81,462	81,462	*	0
4200 FARM AS BUSINESS	2	0.5	56,617	56,617	*	0
4600 FARM COOPERATIVES	2	0.6	3,690	18,381	*	14,691
6400 EXP DESIGN/STAT METH	2	0.2	21,990	25,597	*	3,608
6700 PLANTS	2	1.3	9,639	64,893	*	55,254
9900 UNCLASSIFIED	1	0.0	7,581	7,581	*	0
TOTAL	46	31.1	1,556,452	2,250,188	*	693,736

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - LANGSTON UNIV LANGSTON OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAKS AMOUNT 1981
0200 WATER	2	0.6	39,190	41,553	*	2,363
0300 WATERSHEDS RIVER BAS	2	1.2	78,380	83,893	*	5,513
0800 WILDLIFE AND FISH	1	0.0	56,276	56,276	*	0
1200 VEGETABLES	1	1.0	60,365	60,365	*	0
2100 COTTON	5	1.1	262,356	267,635	*	5,279
2300 SOYBEANS	1	1.0	118,716	118,716	*	0
2400 PEANUTS	2	1.0	56,069	90,386	*	33,477
3700 CLOTHING & TEXTILES	1	0.3	0	31,725	*	31,725
3800 FOOD	1	1.1	0	66,582	*	66,582
4000 PEOPLE AS INDIVIDUAL	3	2.0	49,906	162,449	*	112,543
6700 PLANTS	1	0.2	13,063	13,063	*	0
9900 UNCLASSIFIED	1	0.0	137,033	137,033	*	0
TOTAL	21	9.5	872,155	1,129,595	*	257,440

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - SC STATE COLL ORANGEBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAKS AMOUNT 1981
0100 SOIL AND LAND	1	0.6	0	43,160	*	43,160
0200 WATER	1	0.3	0	33,905	*	33,905
0800 WILDLIFE AND FISH	1	0.5	0	42,396	*	42,396
1200 VEGETABLES	1	0.1	0	7,394	*	7,394
1400 CORN	1	0.3	0	17,253	*	17,253
2300 SOYBEANS	3	1.1	26,197	133,384	*	107,187
3800 FOOD	1	0.6	60,775	60,775	*	0
4000 PEOPLE AS INDIVIDUAL	6	3.7	353,247	378,099	*	24,852
4100 FAMILY MEMBERS	3	1.3	125,215	155,590	*	30,375
4200 FARM AS BUSINESS	1	0.6	57,087	57,087	*	0
9900 UNCLASSIFIED	1	0.0	113,273	113,273	*	0
TOTAL	20	9.1	735,794	1,042,316	*	306,522

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - TENN A&H IND WASHVILLE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAKS AMOUNT 1981
1200 VEGETABLES	1	1.1	101,719	101,719	*	0
1400 CORN	1	0.0	0	5,822	*	5,822
2000 FORAGE CROPS	1	0.8	132,355	132,355	*	0
2300 SOYBEANS	4	3.7	365,898	371,598	*	5,700
3000 BEEF CATTLE	2	0.8	139,719	151,538	*	11,819
3200 SWINE	1	0.1	0	16,095	*	16,095
3400 OTHER ANIMALS	2	0.1	0	16,192	*	16,192
3800 FOOD	2	1.2	138,523	138,526	*	3
3900 HOUSING & EQUIP	1	0.0	0	128	*	128
4000 PEOPLE AS INDIVIDUAL	9	0.5	7,486	58,500	*	51,014
4100 FAMILY MEMBERS	10	2.1	49,816	194,082	*	144,266
4200 FARM AS BUSINESS	3	1.9	119,489	128,095	*	8,606
4300 SOC POLIT ORGANIZ	6	3.6	219,046	235,832	*	16,786
4400 AGRIC ECONOMY U S	1	0.1	0	16,435	*	16,435
4800 MARKETING SYSTEMS	1	0.0	0	256	*	256
6400 EXP DESIGN/STAT METH	1	0.5	0	45,524	*	45,524
TOTAL	46	16.5	1,274,051	1,612,695	*	338,644

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - PRAIRIE VW A&H PRAIRIE VIEW OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADHSTRD (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAKS AMOUNT 1981
0100 SOIL AND LAND	2	2.8	183,145	225,792	*	22,335
1200 VEGETABLES	2	0.0	0	46,246	*	32,542
1500 GRAIN SORGHUM	1	0.0	0	5,135	*	0
1700 WHEAT	2	0.9	58,273	72,438	*	0
2000 FORAGE CROPS	4	1.8	58,273	160,082	*	82,447
2300 SOYBEANS	1	0.3	0	31,066	*	31,066
2900 POULTRY	1	0.9	58,273	64,736	*	0
3000 BEEF CATTLE	1	0.9	58,273	64,736	*	0
3100 DAIRY CATTLE	1	0.0	0	216,929	*	216,929
3200 SWINE	2	1.0	464,546	540,600	*	76,054
3400 OTHER ANIMALS	1	10.5	784,471	784,471	*	0
3600 FARM SUPP & FACILITS	1	0.6	0	30,332	*	30,332
4000 PEOPLE AS INDIVIDUAL	3	1.1	0	75,843	*	75,843
4100 FAMILY MEMBERS	1	0.0	0	5,700	*	5,700
4200 FARM AS BUSINESS	1	0.4	0	17,682	*	17,682
4300 SOC POLIT ORGANIZ	2	0.0	0	8,220	*	8,220
4400 AGRIC ECONOMY U S	1	0.0	0	2,367	*	2,367
6700 PLANTS	1	1.0	0	9,996	*	9,996
TOTAL	28	22.0	1,665,255	2,362,371	*	611,512

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY COMMODITY - VA STATE COLL PETERSBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SYS 1981	WITH SALES AMOUNT 1981
0100 SOIL AND LAND	2	0.8	35,902	44,559	*	8,658
1000 FRUIT NUTS DECIDUOUS	1	0.4	25,569	25,569	*	0
1200 VEGETABLES	9	6.5	537,423	593,544	*	56,121
1500 GRAIN SORGHUM	1	0.2	0	12,583	*	12,583
1700 WHEAT	1	0.2	0	12,583	*	12,583
2000 FORAGE CROPS	1	0.6	45,938	45,938	*	0
2300 SOYBEANS	5	0.6	46,256	101,030	*	54,774
2400 PEANUTS	1	0.0	0	480	*	480
2900 POULTRY	3	0.4	42,437	48,921	*	1,350
3000 BEEF CATTLE	1	0.7	0	9,847	*	9,847
3200 SWINE	5	2.3	115,323	298,768	*	183,445
3800 FOOD	4	1.4	60,208	115,572	*	55,364
4000 PEOPLE AS INDIVIDUAL	5	2.7	118,261	199,694	*	81,433
4100 FAMILY MEMBERS	1	0.7	33,610	33,610	*	0
6700 PLANTS	2	0.1	0	13,791	*	8,658
TOTAL	42	17.4	1,060,927	1,556,486	*	485,292

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

	SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY AGENCY			- NATIONAL TOTAL USDA RESEARCH AGENCIES		
	NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPE/ CSRS ADJUSTED (GROSS) 1981	TOTAL FUNDS (GROSS) 1981	USDA COM/ST/CA SYS 1981	WITH SALES AMOUNT 1981
AGRICULTURAL COOP SERVICE	9	17.6	1,754,000	1,754,000	0.0	0
AGRICULTURAL RESEARCH SER	2739	3002.3	405,430,552	419,355,884	163.8	22,941,568
COMPETITIVE RESEARCH GRAN	204	0.0	15,363,000	15,363,000	0.0	0
COOPERATIVE STATE RES SER	210	0.0	17,343,779	17,343,779	0.0	17,343,779
ECONOMIC RESEARCH SERVICE	252	503.2	43,293,000	44,792,000	0.0	0
U S FOREST SERVICE	237	958.2	119,753,500	127,571,600	0.0	0
TOTAL	3651	4481.3	602,937,831	626,180,263	163.8	40,285,347

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	-SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
CONNECTICUT	NEW HAVEN	49	31.8	673,475	2,319,041	*	5,564
CONNECTICUT	STORRS	62	26.8	785,441	2,239,545	*	44,916
DIST OF COLUM	WASHINGTON	4	0.0	112,601	112,601	*	0
DELAWARE	NEWARK	106	25.7	1,023,454	3,527,043	*	167,935
MASSACHUSETTS	AMHERST	120	42.1	1,752,733	4,820,953	*	316,046
MARYLAND	COLLEGE PA	181	70.3	2,017,936	6,958,264	*	67,221
MAINE	ORONO	121	63.4	1,657,795	5,723,305	*	496,155
NEW HAMPSHIRE	DURHAM	75	27.1	1,214,868	2,513,778	*	24,053
NEW JERSEY	NEW BRUNSW	319	96.6	2,040,381	13,606,148	*	315,887
NEW YORK	ITHACA	690	275.0	3,511,168	35,140,017	*	1,841,919
NEW YORK	GENEVA	127	65.7	630,258	6,015,508	*	309,917
PENNSYLVANIA	COLLEGE PA	318	134.3	4,609,525	14,687,900	*	1,139,408
RHODE ISLAND	KINGSTON	47	27.5	963,532	2,816,689	*	120,004
VERMONT	BURLINGTON	66	25.2	1,062,353	2,509,466	*	49,494
WEST VIRGINIA	MORGANTOWN	100	36.6	2,207,713	4,497,566	*	107,089
SUBTOTAL - SAES		2385	948.1	24,263,233	107,487,824	*	5,005,608
DEL STATE COL	DOVER	13	3.2	399,640	426,163	*	26,523
JOHN HOPKINS	BALTIMORE	1	11.6	15,584	172,362	*	0
MD. STATE COL	PRINCESS A	14	4.1	656,404	751,023	*	94,523
SUBTOTAL - OCI		28	18.9	1,071,628	1,349,548	*	121,046
FORESTRY SCH	SYRACUSE	160	53.0	219,412	5,657,343	*	552,239
FORESTRY SCH	BURLINGTON	10	5.1	189,312	535,213	*	36,709
SUBTOTAL - FRSTY SCH		170	58.1	408,724	6,192,556	*	588,948
TOTAL		2583	1025.1	25,743,585	115,029,928	*	5,715,602

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADMSTRD (GROSS) 1981	-SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
ALABAMA	AUBURN	219	133.8	3,475,882	17,014,178	*	481,035
ARKANSAS	FAYETTEVIL	302	115.3	2,921,629	16,712,974	*	720,988
FLORIDA	GAINESVILL	642	382.1	2,432,847	45,281,864	*	1,687,497
GEORGIA	ATHENS	377	177.5	3,807,913	27,841,016	*	912,093
KENTUCKY	LEXINGTON	208	114.7	3,805,688	12,428,935	*	154,786
LOUISIANA	BATON ROUG	521	213.7	2,656,482	25,103,494	*	280,190
MISSISSIPPI	STATE COLL	288	179.9	3,486,284	23,237,771	*	1,239,533
NORTH CAROLINA	RALEIGH	536	242.1	5,163,027	35,039,689	*	940,504
OKLAHOMA	STILLWATER	256	98.0	2,538,239	11,788,063	*	691,922
PUERTO RICO	RIO PIEDRA	83	90.8	3,213,680	9,849,782	*	12,941
SOUTH CAROLINA	CLENSON	280	80.3	2,509,258	11,715,674	*	47,416
TENNESSEE	KNOXVILLE	191	118.8	3,771,395	16,378,421	*	155,627
TEXAS	COLLEGE ST	523	342.4	5,048,387	36,589,602	*	1,888,608
VIRGINIA	BLACKSBURG	290	161.2	3,391,886	22,342,796	*	1,112,211
VIRGIN ISLANDS	ST. THOMAS	9	5.5	336,581	500,412	*	3,907
SUBTOTAL - SAES		4725	2456.1	48,559,178	311,824,671	*	10,329,258
ALA TUSKEGEE	TUSKEGEE	55	19.1	1,148,797	1,271,245	*	122,448
ALA A&M	NORMAL	24	3.5	1,141,587	1,233,793	*	92,206
ARK A & M	PINE BLUFF	25	11.5	979,303	1,270,590	*	235,110
FLORIDA A&M	TALLAHASSE	11	14.6	759,807	769,523	*	9,716
FT. VALLEY COL	FORT VALLE	31	9.0	1,218,807	1,439,485	*	219,158
KY STATE COLL	FRANKFORT	29	12.6	1,330,891	1,547,517	*	216,626
SOUTHERN UNIV	BATON ROUG	22	9.0	898,313	1,065,193	*	82,203
ALICORN A&M	LORNAH	18	10.2	948,664	1,315,155	*	366,491
AG TECH WC.	GREENSBORO	42	31.1	1,556,452	2,250,188	*	693,736
LANGSTON UNIV	LANGSTON	17	9.5	872,155	1,129,595	*	257,440
SC STATE COLL	ORANGEBURG	18	9.1	735,794	1,042,316	*	306,522
TENN A&M IND	WASHVILLE	28	16.5	1,274,051	1,612,695	*	338,644
PRAIRIE VU A&M	PRAIRIE VI	17	22.0	1,665,255	2,362,371	*	611,512
VA STATE COLL	PETERSBURG	29	17.4	1,060,927	1,556,486	*	485,292
SUBTOTAL - OCI		366	195.1	15,590,803	19,866,152	*	4,037,104
FORESTRY SCH	RUSTON	7	2.7	92,088	250,696	*	0
FORESTRY SCH	CLENSON	99	12.8	286,055	1,425,011	*	66,457
FORESTRY SCH	HACOGDOCHE	23	5.0	143,649	497,055	*	108,033
SUBTOTAL - FRSTY SCH		129	20.5	521,792	2,172,762	*	174,490
TOTAL		5220	2671.7	64,671,773	333,863,585	*	14,540,852

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981
ILLINOIS	URBANA	327	160.5	4,119,919
INDIANA	LAFAYETTE	376	198.3	3,800,016
IOWA	AMES	362	120.7	4,057,471
KANSAS	MANHATTAN	489	201.7	2,724,505
MICHIGAN	LANSING	438	157.9	3,747,251
MINNESOTA	ST PAUL	365	182.7	3,884,098
MISSOURI	COLUMBIA	246	93.6	3,654,726
NORTH DAKOTA	FARGO	260	115.5	1,814,120
NEBRASKA	LINCOLN	276	129.7	2,689,474
OHIO	WOOSTER	328	116.2	4,368,914
SOUTH DAKOTA	BROOKINGS	169	92.4	1,973,331
WISCONSIN	MADISON	520	155.4	4,030,607
SUBTOTAL - SAES				40,864,432
LINCOLN UNIV	JEFFERSON	11	5.6	1,229,100
SUBTOTAL - OCI				1,229,100
FORESTRY SCH	CARBONDALE	17	3.9	97,439
FORESTRY SCH	ANN ARBOR	31	4.5	103,395
FORESTRY SCH	HOUGHTON	28	8.3	102,575
SUBTOTAL - FRSTY SCH				303,409
TOTAL				42,396,941

-SAES REGION 3 NORTH CENTRAL REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
17,829,725	*	630,334
27,003,439	*	868,225
21,229,723	*	1,815,763
24,179,062	*	868,100
18,684,457	*	1,550,409
27,594,014	*	2,084,694
17,498,543	*	980,897
15,189,301	*	225,346
25,971,761	*	2,082,686
19,458,558	*	1,052,276
7,029,230	*	43,018
28,224,007	*	841,506
249,889,820	*	13,043,254
1,229,100	*	0
1,229,100	*	0
282,688	*	4,213
604,917	*	45,306
1,471,332	*	18,852
2,358,937	*	68,371
253,477,857	*	13,111,625

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1981 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1981	REG FED APPR/ CSRS ADJSTED (GROSS) 1981
ALASKA	FAIRBANKS	30	8.2	916,959
ARIZONA	TUCSON	253	141.2	1,815,312
CALIFORNIA	BERKELEY	1234	528.9	4,213,542
COLORADO	FT COLLINS	174	228.3	2,094,349
GUAM	AGANA	16	8.5	506,116
HAWAII	HONOLULU	204	92.5	1,041,318
IDAHO	MOSCOW	144	62.6	1,578,698
MONTANA	BOZEMAN	167	79.5	1,607,307
NEVADA	RENO	102	38.0	968,807
NEW MEXICO	UNIV PARK	136	64.9	1,414,436
OREGON	CORVALLIS	347	123.5	2,115,784
UTAH	LOGAN	185	69.3	1,446,734
WASHINGTON	PULLMAN	321	131.0	2,759,455
WYOMING	LARAMIE	75	44.8	1,277,606
SUBTOTAL - SAES				23,756,423
CALIFORNIA	SHAFTER	1	1.0	75,000
CALIFORNIA	NEWBURY PA	1	0.0	0
SUBTOTAL - OCI				75,000
FORESTRY SCH	FLAGSTAFF	10	3.5	75,130
FORESTRY SCH	ARCATA	15	1.3	34,950
FORESTRY SCH	FT COLLINS	22	5.7	154,100
FORESTRY SCH	MOSCOW	119	40.9	234,367
FORESTRY SCH	MISSOULA	18	8.6	211,094
FORESTRY SCH	CORVALLIS	131	57.3	379,815
FORESTRY SCH	SEATTLE	20	51.1	202,945
SUBTOTAL - FRSTY SCH				1,292,401
TOTAL				25,123,824

-SAES REGION 4 WESTERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TOTAL FUNDS (GROSS) 1981	USDA COM/GT/CA SYS 1981	WITH SAES AMOUNT 1981
3,022,497	*	210,269
16,704,907	*	1,045,486
87,652,930	*	3,765,117
27,125,144	*	3,467,861
876,819	*	6,344
9,230,200	*	911,380
10,193,974	*	1,016,349
9,472,009	*	231,835
4,647,859	*	96,417
3,606,296	*	45,320
19,629,360	*	789,930
8,196,016	*	755,832
20,072,711	*	1,149,170
3,837,218	*	98,658
224,267,940	*	13,589,968
136,500	*	0
200,000	*	0
336,500	*	0
172,491	*	0
82,351	*	0
812,178	*	0
3,833,340	*	792,807
1,161,279	*	115,666
5,536,099	*	1,411,329
4,113,322	*	400,335
15,711,060	*	2,720,137
240,315,500	*	16,310,105

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SYS	STAFF			REG IN HOUSE	C G CA SAES	OTHER CH GT	SP 015	PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
			I.M.SUPPORT	TECH	OTHER											
0100 SOIL AND LAND	297	169.7	6.1	7.1	270.6	18626	1838	231	0	0	43	327	21066	1569	28	22663
0200 WATER	277	174.6	0.5	6.9	277.4	18267	918	96	0	0	9	761	20052	1527	111	21689
0300 WATERSHEDS RIVER BAS	115	190.4	15.2	52.4	194.1	15802	444	23	0	0	880	2320	19469	2007	11	21486
0400 AIR AND CLIMATE	27	15.0	2.0	4.4	12.9	1703	31	0	0	0	10	0	1745	101	3	1848
0500 RECREATION RESOURCES	19	33.0	5.9	8.3	11.8	3371	0	0	0	0	793	0	4164	330	0	4494
0600 TIMBER FORST PRODUCT	229	723.1	178.0	459.9	412.6	81865	732	114	0	0	9520	0	92231	5094	77	97401
0700 RANGE	122	90.6	8.3	19.6	94.2	11046	1154	85	0	0	474	1	12760	588	3	13351
0800 WILDLIFE AND FISH	69	70.8	10.0	36.3	28.6	7601	967	3	0	0	801	0	9372	627	10	10009
0900 CITRUS SUB TROP FRUT	96	82.1	0.0	0.0	174.2	9195	535	175	0	0	0	0	9905	529	36	10470
1000 FRUIT NUTS DECIDUOUS	187	117.4	0.0	0.0	213.3	14796	1949	114	0	0	0	0	16859	155	70	17083
1100 POTATOES	53	36.0	0.0	0.0	65.1	4185	215	230	0	0	0	0	4631	7	31	4668
1200 VEGETABLES	300	130.7	0.0	0.0	237.0	14447	2353	886	0	0	0	0	17685	86	65	17837
1300 ORNAMENTALS TURF	65	36.3	0.0	0.0	114.6	4942	183	29	0	0	0	0	5154	177	42	5372
1400 CORN	227	112.9	0.0	0.0	164.0	11410	772	724	0	0	0	2	12909	192	169	13270
1500 GRAIN SORGHUM	81	25.5	0.0	0.0	28.6	2617	85	7	0	0	0	0	2709	4	0	2713
1600 RICE	45	22.3	0.0	0.0	35.2	2282	34	3	0	0	0	0	2319	47	2	2369
1700 WHEAT	196	108.0	0.0	0.0	172.6	11563	660	282	0	0	1	12506	264	154	12923	
1800 OTHER SMALL GRAINS	97	34.7	0.0	0.0	67.3	4175	146	70	0	0	0	0	4391	24	38	4453
1900 PASTURE	34	10.0	0.0	0.0	15.2	1159	249	3	0	0	0	0	1411	16	5	1432
2000 FORAGE CROPS	207	110.8	0.0	0.0	157.7	12366	1492	348	0	0	0	0	14206	256	90	14552
2100 COTTON	188	195.4	0.0	0.0	465.9	26744	708	296	0	0	4	27752	180	66	27997	
2200 COTTONSEED	29	22.0	0.0	0.0	31.0	2139	37	0	0	0	0	0	2176	5	2	2183
2300 SOYBEANS	210	127.5	0.0	0.0	199.2	13991	1615	484	0	0	1	16091	316	126	16533	
2400 PEANUTS	63	39.3	0.0	0.0	54.7	4041	76	67	0	0	0	0	4184	48	6	4238
2500 OTHER OILSEED CROPS	49	23.2	0.0	0.0	25.9	2127	112	32	0	0	0	0	2271	27	0	2298
2600 TOBACCO	45	40.6	0.0	0.0	83.9	4210	666	146	0	0	0	0	5022	95	0	5117
2700 SUGAR CROPS	97	61.3	0.0	0.0	156.0	8505	356	73	0	0	0	0	8934	3	107	9045
2800 MISC NEW CROPS	62	36.1	0.0	0.0	63.0	4216	763	193	0	0	0	0	5171	703	10	5885
2900 POULTRY	116	79.8	0.0	0.0	257.1	11669	856	0	0	0	0	0	12525	83	0	12608
3000 BEEF CATTLE	287	191.7	0.0	0.0	462.3	28395	3282	283	0	0	55	32016	653	0	32669	
3100 DAIRY CATTLE	204	103.8	0.0	0.0	357.4	18612	2340	143	0	0	0	0	21095	264	2	21361
3200 SWINE	160	106.3	0.0	0.0	332.5	17584	1288	199	0	0	37	19108	1010	0	20118	
3300 SHEEP AND WOOL	107	52.6	0.0	0.0	126.0	9078	797	224	0	0	0	0	10099	68	0	10168
3400 OTHER ANIMALS	43	17.3	0.0	0.0	65.5	2836	375	16	0	0	0	0	3227	25	0	3252
3500 BEES AND HONEY	38	30.3	0.0	0.0	57.7	2932	260	0	0	0	0	0	3192	5	0	3197
3600 FARM SUPP & FACILITS	13	5.8	0.0	0.0	6.8	730	73	0	0	0	0	0	803	0	0	803
3700 CLOTHING & TEXTILES	5	3.6	0.0	0.0	5.7	246	22	14	0	0	0	0	282	0	0	282
3800 FOOD	108	123.1	0.0	0.0	162.3	11897	1200	5720	0	0	30	18847	821	72	19741	
3900 HOUSING & EQUIP	40	27.7	2.4	9.2	32.6	3120	504	105	0	0	167	0	3896	481	11	4388
4000 PEOPLE AS INDIVIDUAL	90	100.9	0.0	0.0	143.1	11001	2956	846	0	0	0	0	14803	188	20	15011
4100 FAMILY MEMBERS	33	27.6	0.0	0.0	24.8	2453	296	6893	0	0	0	0	9642	0	0	9642
4200 FARM AS BUSINESS	5	3.9	0.0	0.0	3.2	346	35	35	0	0	2	418	0	0	418	
4300 SOC POLIT ORGANIZ	33	24.2	0.0	0.0	20.5	1889	162	0	0	0	0	0	2051	236	0	2287
4400 AGRIC ECONOMY U S	28	78.6	0.0	0.0	65.4	9705	58	0	0	0	57	9820	800	26	10646	
4500 AGRIC ECONOMY FORGN	97	122.8	0.0	0.0	104.6	8176	0	0	0	0	16	8192	0	0	8192	
4600 FARM COOPERATIVES	10	24.4	0.0	0.0	11.2	2350	0	0	0	0	0	0	2350	0	0	2350
4800 MARKETING SYSTEMS	6	20.7	0.0	0.0	18.6	2093	15	0	0	0	193	2300	87	0	2387	
6100 WEEDS	57	26.1	0.0	0.0	34.8	3134	99	136	0	0	0	0	3370	75	1	3446
6200 SEED RESEARCH	16	10.5	0.0	0.0	23.4	1298	51	29	0	0	0	0	1378	98	8	1484
6300 BIO CELL SYSTEMS	24	13.9	0.0	0.0	19.3	1387	208	384	0	0	0	0	1980	0	9	1988
6400 EXP DESIGN/STAT METH	2	3.9	0.0	0.0	0.0	0	63	754	0	0	0	0	817	0	0	817
6500 INVERTEBRATES	91	121.3	0.0	0.0	193.5	12538	818	279	0	0	0	0	13635	523	9	14167
6600 MICROORGANISMS, VIRUS	99	28.8	0.0	0.0	49.5	2979	754	2999	0	0	0	0	6732	34	16	6782
6700 PLANTS	372	238.5	0.0	0.0	382.8	26346	3118	5858	0	0	0	0	35321	923	88	36333
6800 ANIMALS (VERTEBRATES)	76	40.8	0.0	0.0	71.3	5324	590	0	0	0	0	0	5914	285	0	6199
6900 RESEARCH ON RSCH MGN	1	0.0	0.0	0.0	0.0	0	352	0	0	0	0	0	352	0	0	352
7000 RSCH EQUIP & TECHNOL	20	11.9	0.0	0.0	11.3	1009	273	1	0	0	0	0	1282	81	0	1363
9900 UNCLASSIFIED	1	1.3	0.0	0.0	0.0	0	349	0	0	0	0	0	349	0	0	349
TOTAL	5668	4481.3	228.3	600.0	6869.5	516517	40285	29632	0	0	12697	3806	602937	21719	1524	626179

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN C G CA OTHER SP PD SP PD FORST OTHER							TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H. SYS	SUPPORT PROF	YEARS TECH	OTHER	HOUSE	SARS	CM	GT	015	010	SERV				
SERIES 100																
101 APPRAIS OF SOIL RES	5	2.6	0.0	0.0	2.2	162	18	30	0	0	0	60	270	0	0	270
102 SOIL PLNT WTR NUTRI	172	93.2	0.0	0.8	183.2	11667	1128	182	0	0	0	0	12977	804	15	13796
103 HGHT OF SALINE SOIL	11	17.4	0.0	0.0	46.7	2389	85	0	0	0	0	0	2474	118	0	2592
104 ALTERN USE OF LAND	23	18.8	0.0	0.0	16.4	1190	169	0	0	0	0	264	1623	292	0	1915
105 CONSERV USE OF WATE	126	79.5	0.0	0.5	133.6	9418	641	9	0	0	0	164	10232	525	75	10832
106 DRAIN AND IRRIGATIO	65	40.3	0.0	0.0	47.4	4225	446	104	0	0	0	28	4804	361	0	5164
107 WATERSHED PROT & MG	153	185.5	15.0	58.1	219.2	19935	867	23	0	0	857	147	21831	2528	18	24377
108 ECON LEG PROB OF WA	7	49.3	1.2	3.2	40.1	590	49	0	0	0	13	2315	2967	0	0	2967
109 WEATHER ADAPT & MOD	17	8.9	0.0	0.0	13.9	1061	78	0	0	0	0	0	1139	57	0	1196
110 APPRAIS FORST & RAN	26	68.0	56.2	31.6	41.8	11588	277	0	0	0	575	1	12441	737	0	13177
111 BIOL CULT HGHT FORS	60	192.3	20.1	133.8	70.2	18438	10	0	0	0	1880	0	20328	1431	0	21759
112 IMPROV RANGE RESOR	61	44.5	5.4	9.0	52.3	5751	327	10	0	0	136	0	6224	435	0	6659
113 REMOTE SENSING	14	14.8	0.0	0.0	19.5	1594	243	13	0	0	0	0	1850	166	0	2016
114 RSCH ON HGHT OF RSC	1	0.0	0.0	0.0	0.0	0	352	0	0	0	0	0	352	0	0	352
SUBTOTAL	741	815.0	97.9	237.0	886.7	88009	4690	371	0	0	3461	2979	99510	7453	108	107071
SERIES 200																
201 CNTRL FORST INSECTS	45	98.9	11.7	62.7	42.6	11284	214	34	0	0	768	0	12299	336	7	12643
202 CONTROL FOREST DIS	25	57.1	10.3	30.5	21.5	7244	2	0	0	0	1974	0	9220	365	0	9584
203 FOREST FIRE PROTECT	17	67.1	17.5	26.1	15.2	6614	0	0	0	0	729	0	7344	895	0	8238
204 CNTR PESTS FRT & VE	144	74.3	0.0	0.0	161.4	9698	994	452	0	0	0	0	11144	377	67	11589
205 CNTR DISE FRT & VEG	191	75.3	0.0	0.0	183.0	8955	1606	956	0	0	0	0	11516	59	25	11601
206 CNTR WEEDS FRT & VE	51	14.2	0.0	0.0	22.4	1689	232	160	0	0	0	0	2082	6	0	2088
207 CNTR PESTS PLD CROP	237	156.3	0.0	0.9	386.8	19483	1544	463	0	0	4	0	21495	148	49	21691
208 CNTR DIS FIELD CROP	246	128.4	0.0	0.4	217.9	15069	1170	855	0	0	4	0	17098	26	137	17261
209 CNTR WEEDS PLD CROP	135	63.2	0.0	0.0	95.2	7322	1019	124	0	0	0	0	8465	52	10	8527
210 CNTR PESTS ANIMALS	45	55.1	0.0	0.0	105.1	6444	388	238	0	0	0	0	7070	17	0	7088
211 CNTR DIS ANIMALS	208	137.2	0.0	0.0	75.7	30912	5246	99	0	0	0	0	36257	785	0	37043
212 CNTR INTER PARASITE	32	37.0	0.0	0.0	113.5	5527	388	76	0	0	0	0	5991	21	0	6012
213 PROT ANMLS FROM TOX	30	28.2	0.0	0.0	52.5	3688	258	23	0	0	0	0	4170	13	0	3982
214 PROTECT FROM POLLUT	36	24.9	2.4	3.5	37.0	3058	1066	0	0	0	59	0	4182	639	2	4824
SUBTOTAL	1442	1017.2	41.9	124.0	2126.8	136988	14127	3480	0	0	3537	0	158133	3740	297	162170
SERIES 300																
301 GENET BREED FORST T	16	46.6	4.7	45.7	15.7	4616	0	80	0	0	152	0	4848	383	0	5231
302 IMP FOREST ENG SYS	5	17.5	2.5	12.8	6.9	2218	0	0	0	0	277	0	2494	140	0	2634
303 ECON TIMBER PRODUCT	6	13.1	0.3	2.5	5.2	825	0	0	0	0	386	0	1211	104	0	1315
304 IMP BIO EFF FRT & V	119	59.4	0.0	0.0	145.3	8722	804	391	0	0	0	0	9916	116	65	10097
305 MECH PROD FRT & VEG	22	9.5	0.0	0.0	15.3	1115	31	0	0	0	0	0	1146	21	15	1181
306 PROD HGHT SYS F & V	6	0.8	0.0	0.0	1.1	47	78	0	0	0	0	0	125	0	0	125
307 IMP BIO EFF PLD CRP	345	175.9	0.0	0.0	325.0	21947	1755	1339	0	0	0	0	25042	1036	399	26478
308 MECH PROD FIELD CRO	49	32.6	0.0	0.0	64.6	4849	120	0	0	0	0	0	4969	209	0	5178
309 PROD HGHT SYS PLD C	30	9.6	0.0	0.0	15.9	1037	438	0	0	0	0	0	1475	5	0	1480
310 ANIMAL REPRODUCTION	61	39.4	0.0	0.0	71.6	6658	805	124	0	0	0	0	7587	17	0	7604
311 IMP BIO EFF ANML PR	127	81.9	0.0	0.0	226.3	15854	882	0	0	0	0	0	16736	4	2	16741
312 ENV STRESS IN ANML	25	9.3	0.0	0.0	12.0	1077	309	0	0	0	0	0	1386	2	0	1388
313 PROD HGHT SYS ANML	17	12.0	0.0	0.0	12.8	1272	166	0	0	0	0	0	1438	4	0	1442
314 BEES OTH POLLWNG I	38	30.3	0.0	0.0	57.7	2932	260	0	0	0	0	0	3192	5	0	3197
315 IMP STRUC FARM SUPP	17	3.8	0.0	0.0	8.5	560	490	0	0	0	0	0	1050	172	0	1222
316 FARM BUSINESS MGHT	2	0.1	0.0	0.0	0.0	0	35	0	0	0	0	0	35	0	0	35
317 MECH/STRUCTS ANML P	12	6.7	0.0	0.0	13.2	1086	78	0	0	0	0	0	1164	222	0	1386
318 NON-COM BIO TECH/BI	342	263.8	0.0	0.0	416.2	27852	2157	8863	0	0	0	0	38872	1076	118	40066
SUBTOTAL	1239	812.4	7.5	60.9	1413.3	102667	8407	10798	0	0	814	0	122686	3517	599	126802
SERIES 400																
401 NEW IMP FOREST PROD	32	110.2	47.8	104.8	118.0	13771	436	0	0	0	1688	0	15895	476	0	16371
402 PROD F & V IMP ACCE	43	15.1	0.0	0.0	30.2	1939	212	0	0	0	0	0	2151	12	12	2175
403 NEW & IMP FGV PROD	43	58.8	0.0	0.0	71.8	5497	263	11	0	0	0	0	5772	246	0	6017
404 MKT QUAL FRTS & VEG	79	57.4	0.0	0.0	97.8	6391	195	0	0	0	0	0	6586	130	14	6729
405 PROD PLD CROP IMP A	114	73.2	0.0	0.0	115.1	9285	463	0	0	0	0	0	9788	12	51	9810
406 NEW IMP FOOD PLD CR	54	92.8	0.0	0.0	129.6	8596	204	28	0	0	0	0	8828	20	71	8919
407 NEW IMP NON-FOOD FC	71	85.4	0.0	0.0	140.8	7966	746	179	0	0	0	0	8892	400	15	9306
408 MKT QUAL FIELD CROP	61	43.2	0.0	0.0	77.5	4660	265	7	0	0	0	0	4932	61	1	4993
409 PROD ANML PR IMP AC	10	8.2	0.0	0.0	17.2	1162	28	0	0	0	0	0	1190	42	0	1232
410 IMP MEAT MILK EGG P	22	29.4	0.0	0.0	45.6	2872	160	30	0	0	0	0	3062	37	0	3099
411 IMP NON-FOOD ANML P	13	25.1	0.0	0.0	49.5	2711	149	202	0	0	0	0	3062	11	0	3074
412 MKT QUAL ANIMAL PRO	19	8.0	0.0	0.0	18.6	955	123	28	0	0	0	0	1106	44	0	1150
SUBTOTAL	561	606.8	47.8	104.8	911.6	65805	3245	486	0	0	1688	0	71223	1490	163	72877
SERIES 500																
501 IMP GRADES & STANDS	28	22.6	0.0	0.0	44.5	2506	121	0	0	0	0	0	2626	76	0	2702
502 MKTG TIMBER PRODUCT	8	24.8	5.2	5.3	21.1	2115	0	0	0	0	238	0	2353	60	0	2412
503 MKTG EFF AGRI PRODS	45	31.2	0.0	0.0	41.0	3165	15	3	0	0	0	0	3184	804	15	4002
506 SPLY DEMAND AND PRI	26	57.8	0.0	0.0	47.5	4575	123	0	0	0	8	0	4705	0	0	4705
507 COMP REL IN AGRIC	2	1.4	0.0	0.0	1.2	70	29	0	0	0	0	0	99	0	0	99
508 DOMESTIC MKT DEVELOP	1	0.1	0.0	0.0	0.1	16	0	0	0	0	0	0	16	0	0	16
509 PEPPORHANCE MKTG SY	15	48.4	0.0	0.0	36.0	4383	44	0	0	0	0	193	4620	87	0	4707
510 GROUP ACT MKT POWER	4	8.8	0.0	0.0	3.3	930	15	0	0	0	0	0	944	0	0	944
512 IMP GRADES FRST PRO	2	8.0	3.0	3.7	4.4	839	0	0	0	0	81	0	970	25	0	995
513 PRICE ANAL FRST PRO	4	6.3	3.2	0.7	1.8	482	0	0	0	0	222	0	704	84	0	788
SUBTOTAL	135	209.3	11.4	9.7	200.9	19130	346	3	0	0	541	201	20221	1135	15	21371
SERIES 600																
601 FGN MKT DEVELOP	97	123.7	0.0	1.0	103.7	8121										

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.	SUPPORT	YEARS	TECH	OTHER															
SERIES 800																					
801 RURAL HOUSING	10	13.4	0.0	4.0	10.9	1607	45	0	0	0	0	0	16	0	1668	216	0	1884			
802 INDIV & FAM DEC MAK	7	5.7	0.0	0.0	8.2	409	15	29	0	0	0	0	0	0	452	0	0	452			
803 RURAL POVERTY	2	0.1	0.0	0.0	0.0	0	20	0	0	0	0	0	0	0	20	0	0	20			
804 ECON POTENT RURL PE	7	19.5	0.0	0.0	16.3	2022	10	0	0	0	0	0	0	0	2032	0	0	2032			
806 ADJUSTMENT TO CHANG	7	11.5	0.0	0.0	9.7	1125	15	0	0	0	0	0	0	0	1140	0	0	1140			
807 AGRIC ECONOMIC CHAN	16	49.1	0.0	0.0	40.9	7383	58	0	0	0	0	0	0	97	7538	75	26	7639			
808 GOV'T PROGRAMS	8	24.2	0.0	0.0	20.2	2131	0	0	0	0	0	0	0	53	2184	0	0	2184			
SUBTOTAL	57	123.5	0.0	4.0	106.1	14676	163	29	0	0	0	0	16	150	15034	291	26	15351			
SERIES 900																					
901 ALLEV POLLUTION	113	118.1	4.1	10.8	173.3	11952	373	58	0	0	0	165	428	12976	787	53	13816				
902 OUTDOOR RECREATION	15	23.5	4.5	3.4	8.3	2112	0	0	0	0	0	318	0	2429	222	0	2652				
903 MULTI-USE-FOREST PO	17	37.4	7.0	10.0	11.1	3767	0	0	0	0	0	1289	0	5056	294	0	5351				
904 WLDLFE AND FISH ECO	48	58.6	6.3	32.7	23.4	6358	793	3	0	0	0	717	0	7871	504	10	8385				
905 TREES BEAUTIFICATIO	20	16.8	0.0	1.8	75.3	2977	70	0	0	0	0	4	0	3051	15	75	3141				
906 ORNAMENT & TURF DEV	58	34.2	0.0	0.0	95.4	4366	183	0	0	0	0	0	0	4548	176	36	4761				
907 RURAL INCOME IMP	13	11.8	0.0	0.0	10.0	899	51	0	0	0	0	0	0	949	100	0	1049				
908 RURAL INSTITUT IMP	23	12.4	0.0	0.0	10.6	991	124	0	0	0	0	0	0	1114	136	0	1250				
990 UNCLASSIFIED	1	1.3	0.0	0.0	0.0	0	349	0	0	0	0	0	0	349	0	0	349				
SUBTOTAL	308	314.0	21.9	58.6	407.3	33419	1942	61	0	0	0	2494	428	38345	2234	175	40753				
SCIENCE IN SERV OF MAN																					
GRAND TOTAL	5030	4481.3	228.3	600.0	6869.5	516517	40285	29632	0	0	0	12697	3806	602937	21719	1524	626179				

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TABLE III-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER	SP	PD	SP	PD	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.SUPPORT SYS	PROF	TECH	YEARS OTHER															
0600 TIMBER FORST PRODUCT	1	0.1	0.0	0.0	0.1	16			0	0	0	0	0	0	0	16	0	0	16	
0800 WILDLIFE AND FISH	1	0.1	0.0	0.0	0.1	16			0	0	0	0	0	0	0	16	0	0	16	
4600 FARM COOPERATIVES	9	17.4	0.0	0.0	5.3	1722			0	0	0	0	0	0	0	1722	0	0	1722	
TOTAL	11	17.6	0.0	0.0	5.5	1754			0	0	0	0	0	0	0	1754	0	0	1754	

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AGRICULTURAL COOP SERVICE

TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER	SP	PD	SP	PD	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.SUPPORT SYS	PROF	TECH	YEARS OTHER															
SERIES 500																				
502 MKTG TIMBER PRODUCT	1	0.1	0.0	0.0	0.1	16			0	0	0	0	0	0	0	16	0	0	16	
503 MKTG EFF AGRI PRODS	1	1.0	0.0	0.0	0.6	128			0	0	0	0	0	0	0	128	0	0	128	
508 DOMESTIC MKT DEVELP	1	0.1	0.0	0.0	0.1	16			0	0	0	0	0	0	0	16	0	0	16	
509 PERFORMANCE MKTG SY	5	7.6	0.0	0.0	1.4	664			0	0	0	0	0	0	0	664	0	0	664	
510 GROUP ACT MKT POWER	3	8.8	0.0	0.0	3.3	930			0	0	0	0	0	0	0	930	0	0	930	
SUBTOTAL	11	17.6	0.0	0.0	5.5	1754			0	0	0	0	0	0	0	1754	0	0	1754	
SCIENCE IN SERV OF MAN																				
GRAND TOTAL	11	17.6	0.0	0.0	5.5	1754			0	0	0	0	0	0	0	1754	0	0	1754	

AGRICULTURAL RESEARCH SERVICE

TABLE III-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			REG HOUSE	IN CA	G SAES	CA CH	OTHER GT	SP 015	FD 010	SP SERV	FD SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNDS	NON- FED FUND	TOTAL
			I.H.SUPPORT	YEARS	TECH														
0100 SOIL AND LAND	252	136.0	*	*	242.2	15973	970	93	0	0	0	0	0	0	17035	1364	28	18428	
0200 WATER	236	131.5	*	*	241.5	15473	740	96	0	0	0	0	0	0	16310	1314	111	17734	
0300 WATERSHEDS RIVER BAS	80	66.4	*	*	128.8	7501	356	23	0	0	0	0	0	0	7880	687	11	8578	
0400 AIR AND CLIMATE	19	8.3	*	*	11.5	1001	0	0	0	0	0	0	0	0	1001	56	3	1060	
0600 TIMBER FORST PRODUCT	29	20.4	*	*	59.1	2683	282	34	0	0	0	0	0	0	2999	19	77	3095	
0700 RANGE	81	49.9	*	*	84.0	6368	435	10	0	0	0	0	0	0	6813	307	3	7124	
0800 WILDLIFE AND FISH	20	6.5	*	*	7.9	492	260	3	0	0	0	0	0	0	755	117	0	872	
0900 CITRUS SUB TROP FRUIT	91	81.5	*	*	173.7	9147	533	110	0	0	0	0	0	0	9791	529	36	10356	
1000 FRUIT NUTS DECIDUOUS	169	114.3	*	*	210.7	14557	661	74	0	0	0	0	0	0	15292	155	70	15516	
1100 POTATOES	45	34.0	*	*	63.4	4075	115	0	0	0	0	0	0	0	4190	7	31	4228	
1200 VEGETABLES	267	127.4	*	*	234.2	14203	1760	153	0	0	0	0	0	0	16115	86	65	16267	
1300 ORNAMENTALS TURF	64	36.3	*	*	114.6	4942	182	29	0	0	0	0	0	0	5153	177	42	5372	
1400 CORN	205	107.7	*	*	159.6	10978	654	15	0	0	0	0	0	0	11647	192	169	12008	
1500 GRAIN SORGHUM	75	24.0	*	*	27.3	2484	68	7	0	0	0	0	0	0	2558	4	0	2562	
1600 RICE	40	20.8	*	*	33.9	2149	32	3	0	0	0	0	0	0	2183	47	2	2233	
1700 WHEAT	180	104.2	*	*	169.4	11247	365	24	0	0	0	0	0	0	11636	264	154	12053	
1800 OTHER SMALL GRAINS	87	32.8	*	*	65.7	4012	58	0	0	0	0	0	0	0	4070	24	38	4132	
1900 PASTURE	32	10.0	*	*	15.2	1159	249	3	0	0	0	0	0	0	1410	16	5	1431	
2000 FORAGE CROPS	200	110.8	*	*	157.7	12366	1043	29	0	0	0	0	0	0	13438	256	90	13784	
2100 COTTON	177	188.8	*	*	460.3	26188	327	204	0	0	0	0	0	0	26719	180	66	26965	
2200 COTTONSEED	29	22.0	*	*	31.0	2139	37	0	0	0	0	0	0	0	2176	5	2	2183	
2300 SOYBEANS	190	123.4	*	*	195.7	13638	517	80	0	0	0	0	0	0	14235	316	126	14677	
2400 PEANUTS	58	38.0	*	*	53.7	3920	76	17	0	0	0	0	0	0	4013	48	6	4067	
2500 OTHER OILSEED CROPS	43	22.3	*	*	25.1	2036	29	32	0	0	0	0	0	0	2098	27	0	2124	
2600 TOBACCO	41	39.8	*	*	83.2	4134	642	146	0	0	0	0	0	0	4922	95	0	5017	
2700 SUGAR CROPS	82	54.9	*	*	150.6	8069	173	16	0	0	0	0	0	0	8258	3	107	8368	
2800 HISC NEW CROPS	47	32.8	*	*	60.2	3968	133	113	0	0	0	0	0	0	4214	703	10	4927	
2900 POULTRY	101	77.8	*	*	255.5	11492	326	0	0	0	0	0	0	0	11818	83	0	11901	
3000 BEEF CATTLE	259	180.3	*	*	452.7	27366	1462	283	0	0	0	0	0	0	29111	608	0	29719	
3100 DAIRY CATTLE	181	102.0	*	*	355.9	18447	1030	143	0	0	0	0	0	0	19620	264	2	19886	
3200 SWINE	147	98.6	*	*	326.1	16883	731	199	0	0	0	0	0	0	17813	980	0	18793	
3300 SHEEP AND WOOL	101	52.0	*	*	125.4	9018	482	224	0	0	0	0	0	0	9724	68	0	9792	
3400 OTHER ANIMALS	39	17.3	*	*	65.5	2836	279	16	0	0	0	0	0	0	3131	25	0	3156	
3500 BEES AND HONEY	37	30.3	*	*	57.7	2932	220	0	0	0	0	0	0	0	3152	5	0	3157	
3600 FARM SUPP & FACILITIES	3	1.7	*	*	3.4	231	0	0	0	0	0	0	0	0	231	0	0	231	
3700 CLOTHING & TEXTILES	5	3.6	*	*	5.7	246	22	14	0	0	0	0	0	0	282	0	0	282	
3800 FOOD	73	106.6	*	*	148.5	10579	912	2810	0	0	0	0	0	0	14301	821	72	15195	
3900 MACHINERY & EQUIP	30	12.7	*	*	20.0	1570	63	105	0	0	0	0	0	0	1738	394	11	2143	
4000 PEOPLE AS INDIVIDUAL	74	80.6	*	*	125.9	9098	2903	846	0	0	0	0	0	0	12846	188	20	13054	
4100 FAMILY MEMBERS	25	12.8	*	*	12.5	613	281	6893	0	0	0	0	0	0	7788	0	0	7788	
4200 FARM AS BUSINESS	3	0.1	*	*	0.0	0	35	35	0	0	0	0	0	0	70	0	0	70	
4300 SOC POLIT ORGANIZ	1	0.1	*	*	0.0	0	6	0	0	0	0	0	0	0	6	0	0	6	
4800 MARKETING SYSTEMS	1	0.4	*	*	1.6	90	0	0	0	0	0	0	0	0	90	0	0	90	
6100 WEEDS	54	26.1	*	*	34.8	3134	95	56	0	0	0	0	0	0	3285	75	1	3362	
6200 SEED RESEARCH	16	10.5	*	*	23.4	1298	51	29	0	0	0	0	0	0	1378	98	8	1484	
6300 BIO CELL SYSTEMS	15	13.9	*	*	19.3	1387	134	34	0	0	0	0	0	0	1555	0	9	1564	
6400 EXP DESIGN/STAT METH	2	3.9	*	*	0.0	0	63	754	0	0	0	0	0	0	817	0	0	817	
6500 INVERTEBRATES	88	121.3	*	*	193.5	12538	816	161	0	0	0	0	0	0	13515	523	9	14048	
6600 MICROORGANISMS, VIRUS	52	28.8	*	*	49.5	2979	353	256	0	0	0	0	0	0	3588	34	16	3638	
6700 PLANTS	221	225.8	*	*	371.7	24690	784	96	0	0	0	0	0	0	25569	911	88	26599	
6800 ANIMALS (VERTEBRATES)	40	37.4	*	*	68.3	4882	275	0	0	0	0	0	0	0	5158	278	0	5436	
6900 RESEARCH ON RSCH MCH	1	0.0	*	*	0.0	0	352	0	0	0	0	0	0	0	352	0	0	352	
7000 RSCH EQUIP & TECHNOL	18	11.9	*	*	11.3	1009	223	1	0	0	0	0	0	0	1232	81	0	1313	
9900 UNCLASSIFIED	1	1.3	*	*	0.0	0	349	0	0	0	0	0	0	0	349	0	0	349	
TOTAL	4427	3002.3	*	*	5988.4	368219	22941	14269	0	0	0	0	0	0	405430	12437	1488	419355	

AGRICULTURAL RESEARCH SERVICE

TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SUPPORT YEARS				REG IN HOUSE	C SAES	G CA	OTHER CN	SP PD 015	SP PD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
		SYS	PROF	TECH	OTHER												
SERIES 100																	
101 APPRAIS OF SOIL RES	3	1.1	*	*	1.0	99	18	30	0	0	0	0	148	0	0	148	
102 SOIL PLMT WTR NUTRI	163	91.2	*	*	182.8	11542	868	23	0	0	0	0	12432	793	15	13240	
103 HGHT OF SALINE SOIL	10	17.4	*	*	46.7	2389	33	0	0	0	0	0	2422	118	0	2541	
104 ALTERN USE OF LAND	3	0.5	*	*	1.2	70	0	0	0	0	0	0	70	238	0	308	
105 CONSERV USE OF WATE	104	66.8	*	*	123.1	8398	406	9	0	0	0	0	8813	453	75	9340	
106 DRAIN AND IRRIGATIO	62	39.5	*	*	46.8	4195	418	104	0	0	0	0	4717	361	0	5077	
107 WATERSHED PROT & MG	114	96.3	*	*	180.7	10888	513	23	0	0	0	0	11424	1068	18	12511	
108 ECON LEG PROB OF WA	1	0.1	*	*	0.0	0	49	0	0	0	0	0	49	0	0	49	
109 WEATHER ADAPT & V	16	8.9	*	*	13.9	1061	50	0	0	0	0	0	1110	57	0	1167	
110 APPRAIS FORST & RAW	1	0.0	*	*	0.0	11	0	0	0	0	0	0	11	0	0	11	
111 BIOL CULT HGHT FORS	1	0.8	*	*	1.2	132	0	0	0	0	0	0	132	0	0	132	
112 IMPROV RANGE RESOR	51	29.3	*	*	49.9	3745	87	10	0	0	0	0	3841	275	0	4117	
113 REMOTE SENSING	13	14.8	*	*	19.5	1594	205	13	0	0	0	0	1812	166	0	1978	
114 RSCH ON HGHT OF RSC	1	0.0	*	*	0.0	0	352	0	0	0	0	0	352	0	0	352	
SUBTOTAL	543	366.6	*	*	666.7	44122	2998	212	0	0	0	0	47332	3529	108	50969	
SERIES 200																	
201 CNTRL FORST INSECTS	12	7.0	*	*	3.4	515	212	34	0	0	0	0	761	5	7	773	
204 CNTR PESTS FRT & VE	119	68.7	*	*	156.5	8965	576	47	0	0	0	0	9589	374	67	10030	
205 CNTR DISE FRT & VEG	156	71.4	*	*	139.7	8452	1278	15	0	0	0	0	9785	56	25	9826	
206 CNTR WEEDS FRT & VE	36	10.9	*	*	19.5	1269	194	0	0	0	0	0	1462	0	0	1462	
207 CNTR PESTS FLD CROP	220	155.1	*	*	346.7	19343	676	2	0	0	0	0	20021	148	49	20218	
208 CNTR DIS FIELD CROP	217	127.7	*	*	217.8	14991	387	60	0	0	0	0	15437	26	137	15601	
209 CNTR WEEDS FLD CROP	125	63.2	*	*	95.2	7322	843	49	0	0	0	0	8214	52	10	8277	
210 CNTR PESTS ANIMALS	34	52.7	*	*	102.9	6129	384	238	0	0	0	0	6751	14	0	6765	
211 CNTR DIS ANIMALS	155	136.2	*	*	751.8	30785	1777	99	0	0	0	0	32661	782	0	33443	
212 CNTR INTER PARASITE	28	37.0	*	*	113.5	5527	153	76	0	0	0	0	5755	21	0	5776	
213 PROT ANMLS FROM TOX	29	28.2	*	*	52.5	3688	202	23	0	0	0	0	3913	13	0	3925	
214 PROTECT FROM POLLUT	24	18.2	*	*	32.2	1994	0	0	0	0	0	0	1994	531	2	2527	
SUBTOTAL	1155	776.4	*	*	2031.6	108981	6680	644	0	0	0	0	116305	2023	297	118625	
SERIES 300																	
304 IMP BIO EFF FRT & V	108	59.4	*	*	145.3	8722	404	0	0	0	0	0	9126	116	65	9306	
305 MECH PROD FRT & VE	21	9.5	*	*	15.3	1115	28	0	0	0	0	0	1143	21	15	1179	
306 PROD HGMT SYS F & V	3	0.8	*	*	1.1	47	29	0	0	0	0	0	76	0	0	76	
307 IMP BIO EFF FLD CRP	314	175.9	*	*	325.0	21947	1006	32	0	0	0	0	22986	1036	399	24421	
308 MECH PROD FIELD CRO	46	32.6	*	*	64.6	4849	52	0	0	0	0	0	4902	209	0	5110	
309 PROD HGMT SYS FLD C	21	7.6	*	*	14.2	859	56	0	0	0	0	0	916	5	0	920	
310 ANIMAL REPRODUCTION	58	39.4	*	*	71.6	6658	378	124	0	0	0	0	7161	17	0	7178	
311 IMP BIO EFF ANML PR	122	81.9	*	*	226.3	15854	565	0	0	0	0	0	16419	4	2	16424	
312 ENV STRESS IN ANML	24	9.3	*	*	12.0	1077	246	0	0	0	0	0	1323	2	0	1325	
313 PROD HGMT SYS ANML	16	6.9	*	*	8.5	852	166	0	0	0	0	0	1018	4	0	1022	
314 BEES OTH POLLWTNG I	37	30.3	*	*	57.7	2932	220	0	0	0	0	0	3152	5	0	3157	
315 IMP STRUC FARM SUPP	11	3.8	*	*	8.5	560	0	0	0	0	0	0	560	172	0	732	
316 FARM BUSINESS HGMT	2	0.1	*	*	0.0	0	35	0	0	0	0	0	35	0	0	35	
317 MECH/STRUCTS ANML P	12	6.7	*	*	13.2	1086	78	0	0	0	0	0	1164	222	0	1386	
318 NON-COM BIO TECH/BI	225	263.8	*	*	416.2	27852	1596	1226	0	0	0	0	30674	1076	118	31869	
SUBTOTAL	1020	728.1	*	*	1379.5	94410	4861	1383	0	0	0	0	100654	2890	599	104142	
SERIES 400																	
402 PROD F & V IMP ACCE	41	15.1	*	*	30.2	1939	0	0	0	0	0	0	1939	12	12	1963	
403 NEW & IMP FGV PROD	39	58.8	*	*	71.8	5497	62	11	0	0	0	0	5571	246	0	5816	
404 HKT QUAL FRTS & VEG	78	57.4	*	*	97.8	6391	170	0	0	0	0	0	6561	130	14	6704	
405 PROD FLD CROP IMP A	114	73.2	*	*	115.1	9285	463	0	0	0	0	0	9748	12	51	9810	
406 NEW IMP FOOD FLD CR	54	92.8	*	*	129.6	8596	204	28	0	0	0	0	8828	20	71	8919	
407 NEW IMP NON-FOOD FC	61	85.4	*	*	140.8	7966	196	179	0	0	0	0	8341	400	15	8756	
408 HKT QUAL FIELD CROP	61	43.2	*	*	77.5	4660	265	7	0	0	0	0	4932	61	1	4993	
409 PROD ANML PR IMP AC	9	8.2	*	*	17.2	1162	0	0	0	0	0	0	1162	42	0	1204	
410 IMP HEAT MILK EGG P	21	29.4	*	*	45.6	2872	147	30	0	0	0	0	3048	37	0	3085	
411 IMP NON-FOOD ANML P	13	25.1	*	*	49.5	2711	149	202	0	0	0	0	3062	11	0	3074	
412 HKT QUAL ANIMAL PRO	18	8.0	*	*	18.6	955	97	28	0	0	0	0	1080	44	0	1124	
SUBTOTAL	509	496.6	*	*	793.6	52034	1752	486	0	0	0	0	54272	1014	163	55449	
SERIES 500																	
501 IMP GRADES & STANDS	28	22.6	*	*	44.5	2506	121	0	0	0	0	0	2626	76	0	2702	
503 HKTG EFF AGRI PRODS	37	21.2	*	*	32.8	2085	15	3	0	0	0	0	2103	4	15	2122	
506 SPLY DEMAND AND PRI	3	1.0	*	*	0.3	11	123	0	0	0	0	0	133	0	0	133	
509 PERFORMANCE HKTG SY	1	0.6	*	*	0.9	60	0	0	0	0	0	0	60	0	0	60	
SUBTOTAL	69	45.3	*	*	78.5	4661	259	3	0	0	0	0	4923	80	15	5018	
SERIES 600																	
603 TECH AID DEV CRTY	15	15.4	*	*	4.6	205	166	656	0	0	0	0	1027	41	0	1068	
604 PRD DVLPHNT/HKTG PRG	16	18.6	*	*	30.7	1967	0	3	0	0	0	0	1970	98	19	2087	
SUBTOTAL	31	34.0	*	*	35.3	2172	166	660	0	0	0	0	2997	139	19	3156	
SERIES 700																	
701 TOX RES IN FOOD	30	47.1	*	*	73.9	5465	42	52	0	0	0	0	5558	929	0	6487	
702 FOOD PROT FROM TOX	89	93.4	*	*	165.2	10016	217	3	0	0	0	0	10237	182	7	10426	
703 FOOD CONSUMP HABITS	18	30.7	*	*	37.6	2348	837	889	0	0	0	0	4074	2	0	4076	
704 HOME COMM FOOD SERV	2	2.8	*	*	3.8	205	0	0	0	0	0	0	205	0	0	205	
705 SEL CARE CLOTH & TE	5	3.6	*	*	5.7	246	22	14	0	0	0	0	282	0	0	282	
706 CONTR INSECTS AFF H	24	28.0	*	*	55.4	3215	364	45	0	0	0	0	3624	181	5	3811	
707 TRANS ANML HAN DI	1	0.3	*	*	0.4	55	0	0	0	0	0	0	55	0	0	55	
708 HUMAN NUTRITION	103	124.3	*	*	179.6	13703	3141	9597	0	0	0	0	26441	295	105	26841	
709 REDUCE HAZ HLTH & S	66	74.9	*	*	139.2	8891	656	192	0	0	0	0	9739	105	3	9847	
SUBTOTAL	338	405.0	*	*	660.8	44144	5279	10791	0	0	0	0	60214	1695	121	62030	
SERIES 800																	
801 RURAL HOUSING	3	5.3	*	*	6.1	615	45	0	0	0	0	0	660	212	0	872	
802 INDIY & FAN DEC MAK	6	5.7	*	*	8.2	409	0	29	0	0	0	0	438	0	0	438	
803 RURAL POVERTY	1	0.1	*	*	0.0	0	6	0	0	0	0	0	6	0	0	6	
804 ECON POTENT RURL PE	1	0.0	*	*	0.0	0	10	0	0	0	0	0	10	0	0	10	
SUBTOTAL	11	11.1	*	*	14.3	1024	61	29</									

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TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1961 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	PROBLEM AREA	STAFF				REG HOUSE	IN C	G	CA	OTHER CM GT	SP 015	FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNDS	NON- FED FUNDS	TOTAL
			I. H. SUPPORT PROF	YEARS TECH	OTHER	OTHER													
SERIES 900																			
901 ALLEY POLLUTION	86	86.7	*	*	153.0	9283	132	58	0	0	0	0	0	0	9472	597	53	10122	
904 WILDLIFE AND FISH MCO	12	2.5	*	*	5.1	296	154	3	0	0	0	0	0	0	453	69	0	521	
905 TREES BEAUTIFICATION	18	14.5	*	*	74.6	2728	70	0	0	0	0	0	0	0	2798	15	75	2888	
906 ORNAMENT & TURF DEV	57	34.2	*	*	95.4	4366	182	0	0	0	0	0	0	0	4548	176	36	4760	
990 UNCLASSIFIED	1	1.3	*	*	0.0	0	349	0	0	0	0	0	0	0	349	0	0	349	
SUBTOTAL	174	139.2	*	*	328.0	16672	886	61	0	0	0	0	0	0	17619	857	165	18640	
SCIENCE IN SERV OF MAN																			
GRAND TOTAL	3850	3002.3	*	*	5988.4	368220	22941	14269	0	0	0	0	0	0	405430	12437	1488	419355	

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TABLE III-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG HOUSE	IN SAES	C CW	CA GT	OTHER 015	SP 010	PD SERV	FORST USDA	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNDS	NON- FED FUNDS	TOTAL
		I.H. SYS	SUPPORT PROP	YEARS TECH	OTHER													
0100 SOIL AND LAND	17	0.0	0.0	0.0	0.0	0	869	0	0	0	0	0	0	869	0	0	869	
0200 WATER	10	0.0	0.0	0.0	0.0	0	178	0	0	0	0	0	0	178	0	0	178	
0300 WATERSHEDS RIVER BAS	4	0.0	0.0	0.0	0.0	0	88	0	0	0	0	0	0	88	0	0	88	
0400 AIR AND CLIMATE	2	0.0	0.0	0.0	0.0	0	31	0	0	0	0	0	0	31	0	0	31	
0600 TIMBER FORST PRODUCT	8	0.0	0.0	0.0	0.0	0	449	0	0	0	0	0	0	449	0	0	449	
0700 RANGE	8	0.0	0.0	0.0	0.0	0	719	0	0	0	0	0	0	719	0	0	719	
0800 WILDLIFE AND FISH	13	0.0	0.0	0.0	0.0	0	707	0	0	0	0	0	0	707	0	0	707	
0900 CITRUS SUB TROP FRUIT	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
1000 FRUIT NUTS DECIDUOUS	11	0.0	0.0	0.0	0.0	0	1288	0	0	0	0	0	0	1288	0	0	1288	
1100 POTATOES	3	0.0	0.0	0.0	0.0	0	100	0	0	0	0	0	0	100	0	0	100	
1200 VEGETABLES	15	0.0	0.0	0.0	0.0	0	593	0	0	0	0	0	0	593	0	0	593	
1300 ORNAMENTALS TURF	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	1	0	0	1	
1400 CORN	5	0.0	0.0	0.0	0.0	0	118	0	0	0	0	0	0	118	0	0	118	
1500 GRAIN SORGHUM	2	0.0	0.0	0.0	0.0	0	18	0	0	0	0	0	0	18	0	0	18	
1600 RICE	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	0	3	0	0	3	
1700 WHEAT	6	0.0	0.0	0.0	0.0	0	295	0	0	0	0	0	0	295	0	0	295	
1800 OTHER SMALL GRAINS	4	0.0	0.0	0.0	0.0	0	88	0	0	0	0	0	0	88	0	0	88	
1900 PASTURE	2	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	1	0	0	1	
2000 FORAGE CROPS	4	0.0	0.0	0.0	0.0	0	449	0	0	0	0	0	0	449	0	0	449	
2100 COTTON	4	0.0	0.0	0.0	0.0	0	381	0	0	0	0	0	0	381	0	0	381	
2300 SOYBEANS	9	0.0	0.0	0.0	0.0	0	1098	0	0	0	0	0	0	1098	0	0	1098	
2500 OTHER OILSEED CROPS	2	0.0	0.0	0.0	0.0	0	82	0	0	0	0	0	0	82	0	0	82	
2600 TOBACCO	1	0.0	0.0	0.0	0.0	0	24	0	0	0	0	0	0	24	0	0	24	
2700 SUGAR CROPS	8	0.0	0.0	0.0	0.0	0	183	0	0	0	0	0	0	183	0	0	183	
2800 HISC NEW CROPS	11	0.0	0.0	0.0	0.0	0	630	0	0	0	0	0	0	630	0	0	630	
2900 POULTRY	11	0.0	0.0	0.0	0.0	0	530	0	0	0	0	0	0	530	0	0	530	
3000 BEEF CATTLE	23	0.0	0.0	0.0	0.0	0	1820	0	0	0	0	0	0	1820	0	0	1820	
3100 DAIRY CATTLE	21	0.0	0.0	0.0	0.0	0	1310	0	0	0	0	0	0	1310	0	0	1310	
3200 SWINE	8	0.0	0.0	0.0	0.0	0	557	0	0	0	0	0	0	557	0	0	557	
3300 SHEEP AND WOOL	4	0.0	0.0	0.0	0.0	0	315	0	0	0	0	0	0	315	0	0	315	
3400 OTHER ANIMALS	4	0.0	0.0	0.0	0.0	0	96	0	0	0	0	0	0	96	0	0	96	
3500 BEES AND HONEY	1	0.0	0.0	0.0	0.0	0	40	0	0	0	0	0	0	40	0	0	40	
3600 FARM SUPP & FACILITS	2	0.0	0.0	0.0	0.0	0	73	0	0	0	0	0	0	73	0	0	73	
3800 FOOD	4	0.0	0.0	0.0	0.0	0	288	0	0	0	0	0	0	288	0	0	288	
3900 HOUSING & EQUIP	6	0.0	0.0	0.0	0.0	0	441	0	0	0	0	0	0	441	0	0	441	
4000 PEOPLE AS INDIVIDUAL	3	0.0	0.0	0.0	0.0	0	54	0	0	0	0	0	0	54	0	0	54	
4100 FAMILY MEMBERS	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
4300 SOC POLIT ORGANIZ	3	0.0	0.0	0.0	0.0	0	156	0	0	0	0	0	0	156	0	0	156	
4400 AGRIC ECONOMY U S	1	0.0	0.0	0.0	0.0	0	58	0	0	0	0	0	0	58	0	0	58	
4800 MARKETING SYSTEMS	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
6100 WEEDS	2	0.0	0.0	0.0	0.0	0	5	0	0	0	0	0	0	5	0	0	5	
6300 BIO CELL SYSTEMS	2	0.0	0.0	0.0	0.0	0	75	0	0	0	0	0	0	75	0	0	75	
6500 INVERTEBRATES	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
6600 MICROORGANISMS, VIRUS	7	0.0	0.0	0.0	0.0	0	401	0	0	0	0	0	0	401	0	0	401	
6700 PLANTS	57	0.0	0.0	0.0	0.0	0	2334	0	0	0	0	0	0	2334	0	0	2334	
6800 ANIMALS (VERTEBRATES)	27	0.0	0.0	0.0	0.0	0	314	0	0	0	0	0	0	314	0	0	314	
7000 RSCH EQUIP & TECHNOL	2	0.0	0.0	0.0	0.0	0	50	0	0	0	0	0	0	50	0	0	50	
TOTAL	343	0.0	0.0	0.0	0.0	0	17344	0	0	0	0	0	0	17344	0	0	17344	

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TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				BEG IN HOUSE	C SARS	G CH	CA GT	OTHER SP	SP PD 015	PD SP 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.	SUPPORT	YEARS	TECH													
SERIES 100																		
102 SOIL PLNT WTR NUTRI	5	0.0	0.0	0.0	0.0	0	261	0	0	0	0	0	0	261	0	0	261	
103 HGHT OP SALINE SOIL	1	0.0	0.0	0.0	0.0	0	52	0	0	0	0	0	0	52	0	0	52	
104 ALTERN USE OF LAND	3	0.0	0.0	0.0	0.0	0	169	0	0	0	0	0	0	169	0	0	169	
105 CONSERV USE OF WATE	7	0.0	0.0	0.0	0.0	0	235	0	0	0	0	0	0	235	0	0	235	
106 DRAIN AND IRRIGATIO	1	0.0	0.0	0.0	0.0	0	29	0	0	0	0	0	0	29	0	0	29	
107 WATERSHED PROT & MG	5	0.0	0.0	0.0	0.0	0	355	0	0	0	0	0	0	355	0	0	355	
109 WEATHER ADAPT & MOD	1	0.0	0.0	0.0	0.0	0	28	0	0	0	0	0	0	28	0	0	28	
110 APPEALS FORST & HAW	4	0.0	0.0	0.0	0.0	0	277	0	0	0	0	0	0	277	0	0	277	
111 BIOL CULT HGHT FORMS	1	0.0	0.0	0.0	0.0	0	10	0	0	0	0	0	0	10	0	0	10	
112 IMPROV RANGE RESOR	3	0.0	0.0	0.0	0.0	0	241	0	0	0	0	0	0	241	0	0	241	
113 REMOTE SENSING	1	0.0	0.0	0.0	0.0	0	38	0	0	0	0	0	0	38	0	0	38	
SUBTOTAL	32	0.0	0.0	0.0	0.0	0	1693	0	0	0	0	0	0	1693	0	0	1693	
SERIES 200																		
201 CNTRL FORST INSECTS	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
202 CONTROL FOREST DIS	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
204 CNTR PESTS FRT & VE	9	0.0	0.0	0.0	0.0	0	418	0	0	0	0	0	0	418	0	0	418	
205 CNTR DISE FRT & VEG	11	0.0	0.0	0.0	0.0	0	328	0	0	0	0	0	0	328	0	0	328	
206 CNTR WEEDS FRT & VE	4	0.0	0.0	0.0	0.0	0	39	0	0	0	0	0	0	39	0	0	39	
207 CNTR PESTS FLD CROP	7	0.0	0.0	0.0	0.0	0	868	0	0	0	0	0	0	868	0	0	868	
208 CNTR DIS FLD CROP	15	0.0	0.0	0.0	0.0	0	784	0	0	0	0	0	0	784	0	0	784	
209 CNTR WEEDS FLD CROP	9	0.0	0.0	0.0	0.0	0	175	0	0	0	0	0	0	175	0	0	175	
210 CNTR PESTS ANIMALS	2	0.0	0.0	0.0	0.0	0	4	0	0	0	0	0	0	4	0	0	4	
211 CNTR DIS ANIMALS	44	0.0	0.0	0.0	0.0	0	3469	0	0	0	0	0	0	3469	0	0	3469	
212 CNTR INTER PARASITE	4	0.0	0.0	0.0	0.0	0	236	0	0	0	0	0	0	236	0	0	236	
213 PROT ANHL FROM TOX	1	0.0	0.0	0.0	0.0	0	57	0	0	0	0	0	0	57	0	0	57	
214 PROTECT FROM POLLUT	10	0.0	0.0	0.0	0.0	0	1066	0	0	0	0	0	0	1066	0	0	1066	
SUBTOTAL	118	0.0	0.0	0.0	0.0	0	7447	0	0	0	0	0	0	7447	0	0	7447	
SERIES 300																		
304 IMP BIO EFF FRT & V	6	0.0	0.0	0.0	0.0	0	400	0	0	0	0	0	0	400	0	0	400	
305 HECH PROD FRT & VEG	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
306 PROD HGHT SYS F & V	3	0.0	0.0	0.0	0.0	0	49	0	0	0	0	0	0	49	0	0	49	
307 IMP BIO EFF FLD CRP	14	0.0	0.0	0.0	0.0	0	749	0	0	0	0	0	0	749	0	0	749	
308 HECH PROD FIELD CRO	3	0.0	0.0	0.0	0.0	0	68	0	0	0	0	0	0	68	0	0	68	
309 PROD HGHT SYS FLD C	8	0.0	0.0	0.0	0.0	0	381	0	0	0	0	0	0	381	0	0	381	
310 ANIMAL REPRODUCTION	3	0.0	0.0	0.0	0.0	0	426	0	0	0	0	0	0	426	0	0	426	
311 IMP BIO EFF ANHL PR	5	0.0	0.0	0.0	0.0	0	316	0	0	0	0	0	0	316	0	0	316	
312 ENV STRESS IN ANHL	1	0.0	0.0	0.0	0.0	0	63	0	0	0	0	0	0	63	0	0	63	
314 BEES OTH POLLUTNG I	1	0.0	0.0	0.0	0.0	0	40	0	0	0	0	0	0	40	0	0	40	
315 IMP STRUC FARM SUPP	6	0.0	0.0	0.0	0.0	0	490	0	0	0	0	0	0	490	0	0	490	
318 NON-COM BIO TECH/BI	9	0.0	0.0	0.0	0.0	0	561	0	0	0	0	0	0	561	0	0	561	
SUBTOTAL	60	0.0	0.0	0.0	0.0	0	3546	0	0	0	0	0	0	3546	0	0	3546	
SERIES 400																		
401 NEW IMP FOREST PROD	6	0.0	0.0	0.0	0.0	0	436	0	0	0	0	0	0	436	0	0	436	
402 PROD F & V IMP ACCE	2	0.0	0.0	0.0	0.0	0	212	0	0	0	0	0	0	212	0	0	212	
403 NEW & IMP FEV PROD	4	0.0	0.0	0.0	0.0	0	201	0	0	0	0	0	0	201	0	0	201	
404 HKT QUAL FRTS & VEG	1	0.0	0.0	0.0	0.0	0	25	0	0	0	0	0	0	25	0	0	25	
407 NEW IMP NON-FOOD PC	10	0.0	0.0	0.0	0.0	0	550	0	0	0	0	0	0	550	0	0	550	
409 PROD ANHL PR IMP AC	1	0.0	0.0	0.0	0.0	0	28	0	0	0	0	0	0	28	0	0	28	
410 IMP HEAT HILK EGG P	1	0.0	0.0	0.0	0.0	0	14	0	0	0	0	0	0	14	0	0	14	
412 HKT QUAL ANIMAL PRO	1	0.0	0.0	0.0	0.0	0	26	0	0	0	0	0	0	26	0	0	26	
SUBTOTAL	26	0.0	0.0	0.0	0.0	0	1492	0	0	0	0	0	0	1492	0	0	1492	
SERIES 500																		
507 COMP REL IN AGRIC	1	0.0	0.0	0.0	0.0	0	29	0	0	0	0	0	0	29	0	0	29	
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	44	0	0	0	0	0	0	44	0	0	44	
510 GROUP ACT HKT POWER	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
SUBTOTAL	3	0.0	0.0	0.0	0.0	0	87	0	0	0	0	0	0	87	0	0	87	
SERIES 700																		
701 TOX RES IN FOOD	44	0.0	0.0	0.0	0.0	0	1920	0	0	0	0	0	0	1920	0	0	1920	
SUBTOTAL	44	0.0	0.0	0.0	0.0	0	1920	0	0	0	0	0	0	1920	0	0	1920	
SERIES 800																		
802 INDIV & FAN DEC MAK	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
803 RURAL POVERTY	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
806 ADJUSTMENT TO CHANG	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
807 AGRIC ECONOMIC CHAN	1	0.0	0.0	0.0	0.0	0	58	0	0	0	0	0	0	58	0	0	58	
SUBTOTAL	4	0.0	0.0	0.0	0.0	0	102	0	0	0	0	0	0	102	0	0	102	
SERIES 900																		
901 ALLEV POLLUTION	10	0.0	0.0	0.0	0.0	0	242	0	0	0	0	0	0	242	0	0	242	
904 WLDLFE AND FISH ECO	11	0.0	0.0	0.0	0.0	0	639	0	0	0	0	0	0	639	0	0	639	
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	1	0	0	1	
907 RURAL INCOME IMP	2	0.0	0.0	0.0	0.0	0	51	0	0	0	0	0	0	51	0	0	51	
908 RURAL INSTTUT IMP	3	0.0	0.0	0.0	0.0	0	124	0	0	0	0	0	0	124	0	0	124	
SUBTOTAL	27	0.0	0.0	0.0	0.0	0	1056	0	0	0	0	0	0	1056	0	0	1056	
SCIENCE IN SERV OF HAW																		
GRAND TOTAL	314	0.0	0.0	0.0	0.0	0	17344	0	0	0	0	0	0	17344	0	0	17344	

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG	IN	C	G	CA	OTHER	SP	PD	SP	PD	FORST	OTHER	TOTAL USDA	OTHER FUND	NON- FED	TOTAL
		I.H.	SUPPORT	YEARS	OTHER																
0100 SOIL AND LAND	2	0.0	0.0	0.0	0.0	0	0	0	138	0	0	0	0	0	0	0	138	0	0	138	
0600 TIMBER FORST PRODUCT	1	0.0	0.0	0.0	0.0	0	0	0	80	0	0	0	0	0	0	0	80	0	0	80	
0700 RANGE	1	0.0	0.0	0.0	0.0	0	0	0	75	0	0	0	0	0	0	0	75	0	0	75	
0900 CITRUS SUB TROP FRUT	1	0.0	0.0	0.0	0.0	0	0	0	65	0	0	0	0	0	0	0	65	0	0	65	
1000 FRUIT NUTS DECIDUOUS	1	0.0	0.0	0.0	0.0	0	0	0	40	0	0	0	0	0	0	0	40	0	0	40	
1100 POTATOES	3	0.0	0.0	0.0	0.0	0	0	0	230	0	0	0	0	0	0	0	230	0	0	230	
1200 VEGETABLES	12	0.0	0.0	0.0	0.0	0	0	0	733	0	0	0	0	0	0	0	733	0	0	733	
1400 CORN	11	0.0	0.0	0.0	0.0	0	0	0	709	0	0	0	0	0	0	0	709	0	0	709	
1700 WHEAT	5	0.0	0.0	0.0	0.0	0	0	0	258	0	0	0	0	0	0	0	258	0	0	258	
1800 OTHER SMALL GRAINS	1	0.0	0.0	0.0	0.0	0	0	0	70	0	0	0	0	0	0	0	70	0	0	70	
2000 FORAGE CROPS	3	0.0	0.0	0.0	0.0	0	0	0	319	0	0	0	0	0	0	0	319	0	0	319	
2100 COTTON	2	0.0	0.0	0.0	0.0	0	0	0	92	0	0	0	0	0	0	0	92	0	0	92	
2300 SOYBEANS	5	0.0	0.0	0.0	0.0	0	0	0	404	0	0	0	0	0	0	0	404	0	0	404	
2400 PEANUTS	1	0.0	0.0	0.0	0.0	0	0	0	50	0	0	0	0	0	0	0	50	0	0	50	
2700 SUGAR CROPS	1	0.0	0.0	0.0	0.0	0	0	0	57	0	0	0	0	0	0	0	57	0	0	57	
2800 MISC NEW CROPS	1	0.0	0.0	0.0	0.0	0	0	0	80	0	0	0	0	0	0	0	80	0	0	80	
3800 FOOD	28	0.0	0.0	0.0	0.0	0	0	0	2910	0	0	0	0	0	0	0	2910	0	0	2910	
6100 WEEDS	1	0.0	0.0	0.0	0.0	0	0	0	80	0	0	0	0	0	0	0	80	0	0	80	
6300 BIO CELL SYSTEMS	7	0.0	0.0	0.0	0.0	0	0	0	350	0	0	0	0	0	0	0	350	0	0	350	
6500 INVERTEBRATES	2	0.0	0.0	0.0	0.0	0	0	0	118	0	0	0	0	0	0	0	118	0	0	118	
6600 MICROORGANISMS, VIRUS	40	0.0	0.0	0.0	0.0	0	0	0	2743	0	0	0	0	0	0	0	2743	0	0	2743	
6700 PLANTS	85	0.0	0.0	0.0	0.0	0	0	0	5762	0	0	0	0	0	0	0	5762	0	0	5762	
TOTAL	214	0.0	0.0	0.0	0.0	0	0	0	15363	0	0	0	0	0	0	0	15363	0	0	15363	

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG	IN	C	G	CA	OTHER	SP	PD	SP	PD	FORST	OTHER	TOTAL USDA	OTHER FUND	NON- FED	TOTAL
		I.H.	SUPPORT	YEARS	OTHER																
SERIES 100																					
102 SOIL PLNT WTR NUTRI	3	0.0	0.0	0.0	0.0	0	0	0	159	0	0	0	0	0	0	0	159	0	0	159	
SUBTOTAL	3	0.0	0.0	0.0	0.0	0	0	0	159	0	0	0	0	0	0	0	159	0	0	159	
SERIES 200																					
204 CNTR PESTS FRT & VE	7	0.0	0.0	0.0	0.0	0	0	0	405	0	0	0	0	0	0	0	405	0	0	405	
205 CNTR DISE FRT & VEG	15	0.0	0.0	0.0	0.0	0	0	0	941	0	0	0	0	0	0	0	941	0	0	941	
206 CNTR WEEDS FRT & VE	2	0.0	0.0	0.0	0.0	0	0	0	160	0	0	0	0	0	0	0	160	0	0	160	
207 CNTR PESTS FLD CROP	8	0.0	0.0	0.0	0.0	0	0	0	461	0	0	0	0	0	0	0	461	0	0	461	
208 CNTR DIS FIELD CROP	13	0.0	0.0	0.0	0.0	0	0	0	795	0	0	0	0	0	0	0	795	0	0	795	
209 CNTR WEEDS FLD CROP	1	0.0	0.0	0.0	0.0	0	0	0	75	0	0	0	0	0	0	0	75	0	0	75	
SUBTOTAL	46	0.0	0.0	0.0	0.0	0	0	0	2837	0	0	0	0	0	0	0	2837	0	0	2837	
SERIES 300																					
301 GENET BREED FORST T	1	0.0	0.0	0.0	0.0	0	0	0	80	0	0	0	0	0	0	0	80	0	0	80	
304 IMP BIO EFF FRT & V	5	0.0	0.0	0.0	0.0	0	0	0	391	0	0	0	0	0	0	0	391	0	0	391	
307 IMP BIO EFF FLD CRP	17	0.0	0.0	0.0	0.0	0	0	0	1307	0	0	0	0	0	0	0	1307	0	0	1307	
318 NON-COM BIO TECH/BI	108	0.0	0.0	0.0	0.0	0	0	0	7637	0	0	0	0	0	0	0	7637	0	0	7637	
SUBTOTAL	131	0.0	0.0	0.0	0.0	0	0	0	9415	0	0	0	0	0	0	0	9415	0	0	9415	
SERIES 700																					
701 TOX RES IN FOOD	1	0.0	0.0	0.0	0.0	0	0	0	43	0	0	0	0	0	0	0	43	0	0	43	
708 HUMAN NUTRITION	28	0.0	0.0	0.0	0.0	0	0	0	2910	0	0	0	0	0	0	0	2910	0	0	2910	
SUBTOTAL	29	0.0	0.0	0.0	0.0	0	0	0	2953	0	0	0	0	0	0	0	2953	0	0	2953	
SCIENCE IN SERV OF MAN																					
GRAND TOTAL	209	0.0	0.0	0.0	0.0	0	0	0	15363	0	0	0	0	0	0	0	15363	0	0	15363	

ECONOMIC RESEARCH SERVICE

TABLE III-D-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	TOTAL			NON- FED FUND	TOTAL
		I.N.SUPPORT	YEARS	PROF	TECH												HOUSE	SAES	CH		
0100 SOIL AND LAND	22	22.8	0.0	0.0	18.9	1239	0	0	0	0	0	0	0	0	327	1565	54	0	1619		
0200 WATER	27	34.4	0.0	0.0	27.9	1856	0	0	0	0	0	0	0	0	761	2617	70	0	2687		
0300 WATERSHEDS RIVER BAS	3	44.4	0.0	0.0	37.1	8	0	0	0	0	0	0	0	0	2320	2328	0	0	2328		
0400 AIR AND CLIMATE	3	0.2	0.0	0.0	0.2	18	0	0	0	0	0	0	0	0	0	18	18	0	0	36	
0500 RECREATION RESOURCES	3	0.2	0.0	0.0	0.2	18	0	0	0	0	0	0	0	0	0	18	18	0	0	36	
0600 TIMBER FORST PRODUCT	1	1.1	0.0	0.0	0.9	0	0	0	0	0	0	0	0	0	0	0	60	0	0	60	
0700 RANGE	5	1.3	0.0	0.0	1.1	96	0	0	0	0	0	0	0	0	1	96	36	0	0	132	
0800 WILDLIFE AND FISH	1	0.2	0.0	0.0	0.2	18	0	0	0	0	0	0	0	0	0	18	0	0	0	18	
0900 CITRUS SUB TROP FRUIT	3	0.6	0.0	0.0	0.5	48	0	0	0	0	0	0	0	0	0	48	0	0	0	48	
1000 FRUIT NUTS DECIDUOUS	6	3.2	0.0	0.0	2.6	239	0	0	0	0	0	0	0	0	0	239	0	0	0	239	
1100 POTATOES	2	2.0	0.0	0.0	1.7	111	0	0	0	0	0	0	0	0	0	111	0	0	0	111	
1200 VEGETABLES	6	3.4	0.0	0.0	2.8	244	0	0	0	0	0	0	0	0	0	244	0	0	0	244	
1400 CORN	6	5.2	0.0	0.0	4.3	433	0	0	0	0	0	0	0	0	2	434	0	0	0	434	
1500 GRAIN SORGHUM	4	1.5	0.0	0.0	1.3	133	0	0	0	0	0	0	0	0	0	133	0	0	0	133	
1600 RICE	4	1.5	0.0	0.0	1.3	133	0	0	0	0	0	0	0	0	0	133	0	0	0	133	
1700 WHEAT	5	3.8	0.0	0.0	3.2	317	0	0	0	0	0	0	0	0	1	318	0	0	0	318	
1800 OTHER SHALL GRAINS	5	1.9	0.0	0.0	1.6	163	0	0	0	0	0	0	0	0	0	163	0	0	0	163	
2100 COTTON	5	6.6	0.0	0.0	5.5	556	0	0	0	0	0	0	0	0	4	560	0	0	0	560	
2300 SOYBEANS	6	4.2	0.0	0.0	3.5	353	0	0	0	0	0	0	0	0	1	354	0	0	0	354	
2400 PEANUTS	4	1.3	0.0	0.0	1.1	121	0	0	0	0	0	0	0	0	0	121	0	0	0	121	
2500 OTHER OILSEED CROPS	4	1.0	0.0	0.0	0.8	91	0	0	0	0	0	0	0	0	0	91	0	0	0	91	
2600 TOBACCO	3	0.8	0.0	0.0	0.7	76	0	0	0	0	0	0	0	0	0	76	0	0	0	76	
2700 SUGAR CROPS	6	6.4	0.0	0.0	5.4	436	0	0	0	0	0	0	0	0	0	436	0	0	0	436	
2800 HIS C NEW CROPS	3	3.3	0.0	0.0	2.7	247	0	0	0	0	0	0	0	0	0	247	0	0	0	247	
2900 POULTRY	4	1.9	0.0	0.0	1.6	177	0	0	0	0	0	0	0	0	0	177	0	0	0	177	
3000 BEEF CATTLE	5	11.4	0.0	0.0	9.5	1029	0	0	0	0	0	0	0	0	55	1085	45	0	0	1130	
3100 DAIRY CATTLE	2	1.8	0.0	0.0	1.5	165	0	0	0	0	0	0	0	0	0	165	0	0	0	165	
3200 SWINE	5	7.7	0.0	0.0	6.4	701	0	0	0	0	0	0	0	0	37	738	30	0	0	768	
3300 SHEEP AND WOOL	2	0.7	0.0	0.0	0.6	60	0	0	0	0	0	0	0	0	0	60	0	0	0	60	
3600 FARM SUPP & FACILITS	8	4.1	0.0	0.0	3.4	499	0	0	0	0	0	0	0	0	0	499	0	0	0	499	
3800 FOOD	3	16.5	0.0	0.0	13.8	1318	0	0	0	0	0	0	0	0	30	1348	0	0	0	1348	
4000 PEOPLE AS INDIVIDUAL	13	20.3	0.0	0.0	17.2	1903	0	0	0	0	0	0	0	0	0	1903	0	0	0	1903	
4100 FAMILY MEMBERS	7	14.8	0.0	0.0	12.3	1840	0	0	0	0	0	0	0	0	0	1840	0	0	0	1840	
4200 FARM AS BUSINESS	2	3.8	0.0	0.0	3.2	346	0	0	0	0	0	0	0	0	2	348	0	0	0	348	
4300 SOC POLIT ORGANIZ	29	24.2	0.0	0.0	20.5	1889	0	0	0	0	0	0	0	0	0	1889	236	0	0	2125	
4400 AGRIC ECONOMY U S	27	78.6	0.0	0.0	65.4	9705	0	0	0	0	0	0	0	0	57	9761	800	26	0	10587	
4500 AGRIC ECONOMY FORGN	97	122.8	0.0	0.0	104.6	8176	0	0	0	0	0	0	0	0	16	8192	0	0	0	8192	
4600 FARM COOPERATIVES	1	7.0	0.0	0.0	5.9	628	0	0	0	0	0	0	0	0	0	628	0	0	0	628	
4800 MARKETING SYSTEMS	4	20.3	0.0	0.0	17.0	2003	0	0	0	0	0	0	0	0	193	2196	87	0	0	2283	
6700 PLANTS	9	12.7	0.0	0.0	11.2	1656	0	0	0	0	0	0	0	0	0	1656	13	0	0	1668	
6800 ANIMALS (VERTEBRATES)	9	3.5	0.0	0.0	3.0	441	0	0	0	0	0	0	0	0	0	441	6	0	0	448	
TOTAL	364	503.2	0.0	0.0	422.4	39487	0	0	0	0	0	0	0	0	3806	43293	1473	26	0	44792	

ECONOMIC RESEARCH SERVICE

TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG	IN	C	G	CA	OTHER	SP	FD	SP	FD	FORST	OTHER	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.	SUPPORT	YEARS	OTHER																
SERIES 100																					
101 APPRAIS OF SOIL RES	2	1.5	0.0	0.0	1.2	62	0	0	0	0	0	0	0	0	0	60	122	0	0	122	
104 ALTERN USE OF LAND	17	18.3	0.0	0.0	15.2	1120	0	0	0	0	0	0	0	0	0	264	1384	54	0	1438	
105 CONSERV USE OF WATE	14	11.7	0.0	0.0	9.8	860	0	0	0	0	0	0	0	0	0	164	1024	36	0	1060	
106 DRAIN AND IRRIGATIO	2	0.7	0.0	0.0	0.6	30	0	0	0	0	0	0	0	0	0	28	58	0	0	58	
107 WATERSHED PROT & HG	5	2.5	0.0	0.0	2.1	54	0	0	0	0	0	0	0	0	0	147	201	0	0	201	
108 ECON LEG PROB OF WA	5	46.4	0.0	0.0	38.7	205	0	0	0	0	0	0	0	0	0	2315	2520	0	0	2520	
110 APPRAIS FORST & RAN	5	1.3	0.0	0.0	1.1	96	0	0	0	0	0	0	0	0	0	1	96	36	0	132	
SUBTOTAL	50	82.5	0.0	0.0	68.8	2427	0	0	0	0	0	0	0	0	0	2979	5406	126	0	5532	
SERIES 200																					
204 CNTR PESTS FRT & VE	9	5.6	0.0	0.0	4.9	732	0	0	0	0	0	0	0	0	0	0	732	3	0	735	
205 CNTR DISK FRT & VEG	9	3.8	0.0	0.0	3.4	503	0	0	0	0	0	0	0	0	0	0	503	3	0	506	
206 CNTR WEEDS FRT & VE	9	3.3	0.0	0.0	2.9	421	0	0	0	0	0	0	0	0	0	0	421	6	0	427	
210 CNTR PESTS ANIMALS	9	2.4	0.0	0.0	2.1	315	0	0	0	0	0	0	0	0	0	0	315	3	0	318	
211 CNTR DIS ANIMALS	9	1.0	0.0	0.0	0.9	127	0	0	0	0	0	0	0	0	0	0	127	3	0	130	
SUBTOTAL	45	16.2	0.0	0.0	14.2	2097	0	0	0	0	0	0	0	0	0	0	2097	19	0	2116	
SERIES 300																					
309 PROD HGHT SYS FLD C	1	2.0	0.0	0.0	1.7	178	0	0	0	0	0	0	0	0	0	0	178	0	0	178	
313 PROD HGHT SYS ANML	1	5.1	0.0	0.0	4.3	420	0	0	0	0	0	0	0	0	0	0	420	0	0	420	
SUBTOTAL	2	7.1	0.0	0.0	6.0	598	0	0	0	0	0	0	0	0	0	0	598	0	0	598	
SERIES 500																					
503 MKTG EFF AGRI PRODS	7	9.1	0.0	0.0	7.6	952	0	0	0	0	0	0	0	0	0	0	952	800	0	1752	
506 SPLT DEMAND AND PRI	23	56.8	0.0	0.0	47.2	4564	0	0	0	0	0	0	0	0	0	8	4572	0	0	4572	
507 COMP REL IN AGRIC	1	1.4	0.0	0.0	1.2	70	0	0	0	0	0	0	0	0	0	0	70	0	0	70	
509 PERFORMANCE MKTG SY	8	40.2	0.0	0.0	33.7	3659	0	0	0	0	0	0	0	0	0	193	3852	87	0	3939	
513 PRICE ANAL PRST PRO	1	1.1	0.0	0.0	0.9	0	0	0	0	0	0	0	0	0	0	0	0	60	0	60	
SUBTOTAL	40	108.6	0.0	0.0	90.6	9245	0	0	0	0	0	0	0	0	0	201	9446	947	0	10393	
SERIES 600																					
601 PGN MKT DEVELOP	96	121.7	0.0	0.0	103.7	8079	0	0	0	0	0	0	0	0	0	16	8095	0	0	8095	
602 EVAL PGN FOOD AID P	1	1.1	0.0	0.0	0.9	97	0	0	0	0	0	0	0	0	0	0	97	0	0	97	
603 TECH AID DEV CRTY	4	5.2	0.0	0.0	4.3	80	0	0	0	0	0	0	0	0	0	2	82	0	0	82	
SUBTOTAL	101	128.0	0.0	0.0	108.9	8256	0	0	0	0	0	0	0	0	0	18	8274	0	0	8274	
SERIES 700																					
703 FOOD CONSUMP HABITS	2	11.0	0.0	0.0	9.2	839	0	0	0	0	0	0	0	0	0	2	841	0	0	841	
704 HOME CONM FOOD SERV	1	3.1	0.0	0.0	2.6	370	0	0	0	0	0	0	0	0	0	28	398	0	0	398	
SUBTOTAL	3	14.1	0.0	0.0	11.8	1209	0	0	0	0	0	0	0	0	0	30	1239	0	0	1239	
SERIES 800																					
801 RURAL HOUSING	5	2.6	0.0	0.0	2.3	379	0	0	0	0	0	0	0	0	0	0	379	0	0	379	
804 ECON POTENT RURL PE	6	19.5	0.0	0.0	16.3	2022	0	0	0	0	0	0	0	0	0	0	2022	0	0	2022	
806 ADJUSTMENT TO CHANG	6	11.5	0.0	0.0	9.7	1125	0	0	0	0	0	0	0	0	0	0	1125	0	0	1125	
807 AGRIC ECONOMIC CHAN	15	49.1	0.0	0.0	40.9	7383	0	0	0	0	0	0	0	0	0	97	7480	75	26	7581	
808 GOV'T PROGRAMS	8	24.2	0.0	0.0	20.2	2131	0	0	0	0	0	0	0	0	0	53	2184	0	0	2184	
SUBTOTAL	40	106.9	0.0	0.0	89.3	13040	0	0	0	0	0	0	0	0	0	150	13190	75	26	13291	
SERIES 900																					
901 ALLEV POLLUTION	8	15.4	0.0	0.0	12.1	709	0	0	0	0	0	0	0	0	0	428	1137	52	0	1189	
902 OUTDOOR RECREATION	3	0.2	0.0	0.0	0.2	18	0	0	0	0	0	0	0	0	0	0	18	18	0	36	
907 RURAL INCOME IMP	11	11.8	0.0	0.0	10.0	899	0	0	0	0	0	0	0	0	0	0	899	100	0	999	
908 RURAL INSTITUT IMP	20	12.4	0.0	0.0	10.6	991	0	0	0	0	0	0	0	0	0	0	991	136	0	1127	
SUBTOTAL	42	39.8	0.0	0.0	32.8	2615	0	0	0	0	0	0	0	0	0	428	3043	306	0	3349	
SCIENCE IN SERV OF MAN																					
GRAND TOTAL	323	503.2	0.0	0.0	422.4	39487	0	0	0	0	0	0	0	0	0	3806	43293	1473	26	44792	

U S FOREST SERVICE

TABLE III-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER	SP	PD	SP	FD	FORST SERV	OTHER USDA	TOTAL	OTHER	NON-	TOTAL
		I.H.SUPPORT SYS	PROF	TECH	OTHER												USDA	FED	FUND	
0100 SOIL AND LAND	4	10.9	6.1	7.1	9.5	1415	0	0	0	0	0	0	43	0	1458	151	0	1609		
0200 WATER	4	8.8	0.5	6.9	8.1	938	0	0	0	0	0	0	9	0	947	143	0	1090		
0300 WATERSHEDS RIVER BAS	28	79.5	15.2	52.4	28.2	8293	0	0	0	0	0	0	880	0	9173	1319	0	10492		
0400 AIR AND CLIMATE	3	6.5	2.0	4.4	1.2	685	0	0	0	0	0	0	10	0	695	26	0	721		
0500 RECREATION RESOURCES	16	32.8	5.9	4.3	11.6	3354	0	0	0	0	0	0	793	0	4146	312	0	4459		
0600 TIMBER FOREST PRODUCT	189	701.4	178.0	459.9	352.5	79166	0	0	0	0	0	0	9520	0	88686	5015	0	93700		
0700 RANGE	27	39.4	8.3	19.5	9.1	4582	0	0	0	0	0	0	474	0	5056	245	0	5301		
0800 WILDLIFE AND FISH	34	64.0	10.0	36.3	20.5	7075	0	0	0	0	0	0	801	0	7876	510	10	8396		
3900 HOUSING & EQUIP	4	15.0	2.4	9.2	12.6	1549	0	0	0	0	0	0	167	0	1716	87	0	1804		
TOTAL	309	958.2	228.3	600.0	453.2	107057	0	0	0	0	0	0	12697	0	119754	7808	10	127572		

U S FOREST SERVICE

TABLE III-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER	SP	PD	SP	FD	FORST SERV	OTHER USDA	TOTAL	OTHER	NON-	TOTAL
		I.H.SUPPORT SYS	PROF	TECH	OTHER												USDA	FED	FUND	
SERIES 100																				
102 SOIL PLNT WTR NUTRI	1	2.0	0.0	0.8	0.4	126	0	0	0	0	0	0	0	0	126	11	0	136		
105 CONSERV USE OF WATE	1	1.0	0.0	0.5	0.8	161	0	0	0	0	0	0	0	0	161	36	0	197		
107 WATERSHED PROT & MG	29	86.7	15.0	58.1	36.5	8993	0	0	0	0	0	0	857	0	9851	1460	0	11311		
108 ECON LEG PROB OF WA	1	2.8	1.2	3.2	1.3	385	0	0	0	0	0	0	13	0	398	0	0	398		
110 APPRAIS FORST & RAN	16	66.8	56.2	31.6	40.7	11482	0	0	0	0	0	0	575	0	12057	701	0	12758		
111 BIOL CULT NGMT FORS	58	191.5	20.1	133.8	69.1	18306	0	0	0	0	0	0	1880	0	20186	1431	0	21617		
112 IMPROV RANGE RESOR	7	15.2	5.4	9.0	2.4	2006	0	0	0	0	0	0	136	0	2142	160	0	2301		
SUBTOTAL	113	365.9	97.9	237.0	151.2	41460	0	0	0	0	0	0	3461	0	44920	3798	0	48718		
SERIES 200																				
201 CNTRL FORST INSECTS	32	91.9	11.7	62.7	39.2	10769	0	0	0	0	0	0	768	0	11537	331	0	11868		
202 CONTROL FOREST DIS	24	57.1	10.3	30.5	21.5	7244	0	0	0	0	0	0	1974	0	9218	365	0	9583		
203 FOREST FIRE PROTECT	17	67.1	17.5	26.1	15.2	6614	0	0	0	0	0	0	729	0	7344	895	0	8238		
207 CNTR PESTS FLD CROP	2	1.2	0.0	0.9	0.1	141	0	0	0	0	0	0	4	0	145	0	0	145		
208 CNTR DIS FIELD CROP	1	0.7	0.0	0.4	0.1	78	0	0	0	0	0	0	4	0	82	0	0	82		
214 PROTECT FROM POLLUT	2	6.8	2.4	3.5	4.8	1064	0	0	0	0	0	0	59	0	1123	108	0	1230		
SUBTOTAL	78	224.7	41.9	124.0	80.9	25910	0	0	0	0	0	0	3537	0	29448	1699	0	31146		
SERIES 300																				
301 GENET BREED FORST T	15	46.6	4.7	45.7	15.7	4616	0	0	0	0	0	0	152	0	4768	383	0	5151		
302 IMP FOREST ENG SYS	5	17.5	2.5	12.8	6.9	2218	0	0	0	0	0	0	277	0	2494	140	0	2634		
303 ECON TIMBER PRODUCT	6	13.1	0.3	2.5	5.2	825	0	0	0	0	0	0	386	0	1211	104	0	1315		
SUBTOTAL	26	77.2	7.5	60.9	27.8	7659	0	0	0	0	0	0	814	0	8473	627	0	9100		
SERIES 400																				
401 NEW IMP FOREST PROD	26	110.2	47.8	104.8	118.0	13771	0	0	0	0	0	0	1688	0	15459	476	0	15935		
SUBTOTAL	26	110.2	47.8	104.8	118.0	13771	0	0	0	0	0	0	1688	0	15459	476	0	15935		
SERIES 500																				
502 MKTG TIMBER PRODUCT	7	24.7	5.2	5.3	21.0	2099	0	0	0	0	0	0	238	0	2337	60	0	2396		
512 IMP GRADES PRST PRO	2	8.0	3.0	3.7	4.4	889	0	0	0	0	0	0	81	0	970	25	0	995		
513 PRICE ANAL PRST PRO	3	5.2	3.2	0.7	0.9	482	0	0	0	0	0	0	222	0	704	24	0	728		
SUBTOTAL	12	37.8	11.4	9.7	26.3	3470	0	0	0	0	0	0	541	0	4011	108	0	4119		
SERIES 600																				
601 PGN MKT DEVELP	1	2.0	0.0	1.0	0.0	42	0	0	0	0	0	0	146	0	188	25	0	213		
SUBTOTAL	1	2.0	0.0	1.0	0.0	42	0	0	0	0	0	0	146	0	188	25	0	213		
SERIES 800																				
801 RURAL HOUSING	2	5.5	0.0	4.0	2.5	613	0	0	0	0	0	0	16	0	629	4	0	633		
SUBTOTAL	2	5.5	0.0	4.0	2.5	613	0	0	0	0	0	0	16	0	629	4	0	633		
SERIES 900																				
901 ALLEV POLLUTION	9	16.0	4.1	10.8	8.2	1960	0	0	0	0	0	0	165	0	2125	138	0	2263		
902 OUTDOOR RECREATION	12	23.3	4.5	3.4	8.1	2094	0	0	0	0	0	0	318	0	2412	204	0	2616		
903 MULTI-USE-FOREST PO	17	37.4	7.0	10.0	11.1	3767	0	0	0	0	0	0	1289	0	5056	294	0	5351		
904 WLDLFE AND FISH ECO	25	56.1	6.3	32.7	18.4	6062	0	0	0	0	0	0	717	0	6779	435	10	7224		
905 TREES BEAUTIFICATIO	2	2.3	0.0	1.8	0.8	249	0	0	0	0	0	0	4	0	254	0	0	254		
SUBTOTAL	65	135.0	21.9	58.6	46.5	14133	0	0	0	0	0	0	2494	0	16626	1071	10	17708		
SCIENCE IN SERV OF MAN																				
GRAND TOTAL	323	958.2	228.3	600.0	453.2	107057	0	0	0	0	0	0	12697	0	119754	7808	10	127572		

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B-1 SUMMARY BY AGENCY

OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

EXCLUSIVE OF PL-480 AND AID FUNDS

	NO OF		STAFF			REG HOUSE	IN	C	G	CA	OTHER CR	SP 015	PD 010	PD SERV	FOHST	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
	PROJ	SYS	I.H. PROF	SUPPORT TECH	YEARS OTHER															
AGRICULTURAL COOP SERVICE	9	17.6	0.0	0.0	5.5	1754				0	0	0	0	0	0	0	1754	0	0	1754
AGRICULTURAL RESEARCH SER	2739	3002.3	*	*	*	368220	22941	14269				0	0	0	0	0	405430	12437	1488	419355
COMPETITIVE RESEARCH GRAN	204	0.0	0.0	0.0	0.0	0		15363				0	0	0	0	0	15363	0	0	15363
COOPERATIVE STATE RES SER	210	0.0	0.0	0.0	0.0	0	17344			0	0	0	0	0	0	0	17344	0	0	17344
ECONOMIC RESEARCH SERVICE	252	503.2	0.0	0.0	422.4	39487			0	0		0	0	0	3806	0	43293	1473	26	44792
U S FOREST SERVICE	237	958.2	228.3	600.0	453.2	107057			0	0		0	0	12697	0	0	119754	7808	10	127572
TOTAL	3651	4481.3	*	*	6869.5	516517	40285	29632				0	0	12697	3806	0	602937	21719	1524	626179

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-D-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS				OTHER	NATH	RRP	MCIN SYEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -BR	TOTAL
		SYS	PROP	TECH															
0100 SOIL AND LAND	1175	367.9	376.6	326.1	300.3	4309	1569	302	705	827	7712	1727	4260	22677	1630	3273	2871	44149	
0200 WATER	688	199.6	211.9	159.1	167.8	1819	627	144	134	495	3219	1541	3184	11464	630	1451	1622	23112	
0300 WATERSHEDS RIVER BAS	152	38.2	35.9	27.6	28.9	224	15	250	23	78	591	313	917	1929	36	266	431	4482	
0400 AIR AND CLIMATE	133	48.7	51.8	48.1	38.8	302	373	10	31	46	763	277	3216	2444	378	318	190	7587	
0500 RECREATION RESOURCES	162	45.9	35.7	18.0	26.1	270	89	304	60	0	723	422	653	1790	107	81	310	4085	
0600 TIMBER FORST PRODUCT	1501	545.8	519.6	421.9	364.4	1404	788	8204	204	120	10720	5375	5919	28131	1302	5437	3165	60049	
0700 RANGE	281	84.9	73.1	51.5	75.6	878	142	150	40	82	1291	577	973	5113	715	473	216	9358	
0800 WILDLIFE AND FISH	699	205.9	299.1	202.6	167.0	1446	358	710	523	619	3656	1529	6430	11619	850	2403	2681	29169	
0900 CITRUS SUB TROP FRUIT	280	131.2	84.5	119.3	192.9	964	156	0	1	0	1121	372	535	12476	161	461	230	15356	
1000 FRUIT NUTS DECIDUOUS	1016	348.0	302.8	394.1	337.1	4869	1611	4	146	263	7164	523	1086	29250	1717	2326	1124	43191	
1100 POTATOES	297	82.7	67.1	86.6	68.9	1268	470	0	134	6	1878	478	361	5462	469	812	672	10131	
1200 VEGETABLES	1370	442.1	334.4	457.4	590.8	6508	1547	0	611	1751	10417	1190	1505	34029	1442	2634	1212	52429	
1300 ORNAMENTALS TURF	611	225.0	142.6	223.7	217.6	3347	439	0	3	0	3789	171	458	16380	437	1395	561	23192	
1400 CORN	917	208.0	237.8	238.7	225.7	3861	1053	0	269	150	5333	1015	2187	15148	1382	1825	705	27595	
1500 GRAIN SORGHUM	329	66.9	69.9	63.6	68.9	830	130	0	14	16	989	725	269	4680	553	660	367	8244	
1600 RICE	126	44.0	32.3	35.7	49.3	386	36	0	24	0	446	56	110	3792	260	313	184	5161	
1700 WHEAT	664	161.1	167.4	167.6	141.1	2204	547	0	515	58	3324	707	677	10752	1374	2134	1012	19980	
1800 OTHER SMALL GRAINS	413	79.1	78.9	95.0	78.0	1318	210	0	106	347	1981	360	450	6062	481	1040	643	11017	
1900 PASTURE	157	31.4	18.7	39.7	66.3	615	85	0	28	44	773	283	121	2650	336	175	109	4446	
2000 FORAGE CROPS	906	256.5	227.9	310.0	315.6	4390	1580	4	229	439	6642	1172	1480	19848	2151	1592	642	33527	
2100 COTTON	379	141.4	129.5	126.0	169.6	1640	601	0	80	272	2594	644	595	9955	694	2178	439	17100	
2200 COTTONSEED	21	5.1	2.7	7.3	3.2	52	30	0	0	0	82	52	24	248	9	115	0	530	
2300 SOYBEANS	904	237.7	270.7	242.8	286.2	3462	1091	0	819	1620	6991	817	1049	16500	1217	2815	1151	30541	
2400 PEANUTS	159	42.4	31.5	72.9	49.1	469	63	0	97	143	772	130	182	3647	280	316	276	5603	
2500 OTHER OILSEED CROPS	139	32.2	25.9	27.4	24.1	303	69	0	70	52	494	162	381	2275	149	338	175	3973	
2600 TOBACCO	157	61.7	41.6	88.2	80.4	978	40	0	129	67	1215	39	62	5974	208	226	307	8031	
2700 SUGAR CROPS	172	51.6	21.1	48.0	145.9	917	68	0	9	0	995	182	183	4260	338	335	104	6398	
2800 HISC NEW CROPS	159	32.8	24.1	30.5	58.1	488	214	0	39	340	1080	131	123	2123	183	545	165	4350	
2900 POULTRY	740	236.9	215.8	363.4	305.3	4674	1629	0	656	1012	7972	299	1181	19939	1749	1285	707	33131	
3000 BEEF CATTLE	1361	426.4	439.7	677.9	777.2	7614	3478	0	1393	2780	15266	2416	3664	394851	5915	3026	1042	80814	
3100 DAIRY CATTLE	1149	318.5	312.2	418.7	482.4	6674	2280	0	1754	1582	12290	1033	1481	29743	7654	2856	1579	56635	
3200 SWINE	609	176.7	173.4	253.6	313.9	3423	1141	0	928	1923	7415	479	1532	15592	5093	1058	2211	33381	
3300 SHEEP AND WOOL	353	88.4	63.9	107.9	95.4	1215	466	0	212	754	2647	373	632	6860	1354	499	242	12607	
3400 OTHER ANIMALS	395	107.8	112.7	92.2	94.6	1240	70	0	567	1421	3299	291	2124	6567	814	650	307	14052	
3500 BEES AND HONEY	46	17.3	16.5	10.4	7.1	182	0	0	8	21	211	151	98	921	27	219	46	1674	
3600 FARM SUPP & FACILITS	102	24.1	20.5	20.8	13.7	433	34	12	102	6	587	21	350	1802	449	73	184	3468	
3700 CLOTHING & TEXTILES	67	18.4	19.3	3.2	8.6	314	22	0	37	131	504	6	79	913	8	23	21	1554	
3800 FOOD	502	162.1	180.5	130.9	131.5	2331	1215	0	584	1020	5151	819	2764	9036	416	1528	685	20399	
3900 HOUSING & EQUIP	221	59.9	40.6	29.6	43.9	643	109	76	217	43	1086	165	1057	3407	197	177	358	6445	
4000 PEOPLE AS INDIVIDUAL	656	192.8	201.4	140.5	128.8	2009	880	52	629	1926	5496	840	3925	8505	503	776	1104	21149	
4100 FAMILY MEMBERS	278	82.3	78.6	31.1	41.5	724	514	0	312	984	2535	18	460	3258	243	166	603	7283	
4200 FARM AS BUSINESS	221	71.6	66.6	21.8	63.1	1221	251	0	31	321	1825	376	178	3274	213	113	88	6065	
4300 SOC POLIT ORGANIZ	412	119.5	126.1	49.6	100.3	1938	637	12	395	866	3849	361	553	4929	247	428	1005	11371	
4400 AGRIC ECONOMY U S	135	45.8	44.2	14.4	38.4	512	142	0	48	120	822	401	151	2322	339	85	124	4244	
4500 AGRIC ECONOMY FORGN	31	9.0	7.8	2.4	5.5	46	5	0	0	0	51	356	53	545	3	9	21	1039	
4600 FARM COOPERATIVES	35	6.7	3.9	1.9	5.3	105	32	0	15	4	155	49	1	269	8	32	9	523	
4700 OTH MARKET PROCESS	36	8.1	9.2	3.8	5.0	82	27	0	9	0	118	65	0	380	16	17	187	783	
4800 MARKETING SYSTEMS	102	30.7	17.1	13.2	31.0	478	249	0	51	0	779	227	38	1339	47	127	92	2649	
6100 WEEDS	60	11.7	14.4	18.6	10.8	173	23	0	29	0	225	205	84	721	50	62	53	1401	
6200 SEED RESEARCH	41	12.4	10.1	13.2	13.3	84	15	0	0	0	99	55	152	684	436	41	9	1476	
6300 BIO CELL SYSTEMS	254	101.8	152.5	90.0	51.2	1088	57	0	24	14	1183	205	5069	5638	216	473	334	13119	
6400 EXP DESIGN/STAT METH	80	26.8	27.0	11.7	16.8	218	4	0	49	22	292	709	233	2069	114	73	102	3592	
6500 INVERTEBRATES	289	110.4	140.6	75.1	54.1	1083	95	8	27	71	1283	179	3363	6632	147	331	301	12236	
6600 MICROORGANISMS, VIRUS	273	89.7	101.3	101.2	53.8	1086	66	11	78	150	1390	239	4077	5394	180	414	440	12134	
6700 PLANTS	761	243.0	275.5	215.9	240.1	2791	814	26	2461	129	6219	974	3423	17938	1729	1702	2765	34751	
6800 ANIMALS (VERTEBRATES)	430	160.9	167.5	187.1	112.3	1250	317	0	417	251	2235	354	7521	9596	1285	942	1129	23062	
6900 RESEARCH ON RSCH SCH	38	16.1	19.3	5.5	18.8	143	26	0	1	0	171	81	197	1152	39	58	732	2430	
7000 RSCH EQUIP & TECHNOL	118	31.9	25.5	25.1	17.1	209	48	26	22	13	319	241	1162	1540	107	341	154	3865	
9900 UNCLASSIFIED	52	8.7	31.2	3.4	6.4	1063	500	55	0	457	2075	348	0	86	45	0	3	2558	
TOTAL	23814	7234.3	7030.1	7263.1	7624.7	29150	94569	10359	16372	23856	174304	82994	59135	501211	53521	38202	942673		

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF			OTHER	HATH	RRF	HCIN STEN	SP GT	OTH CSRS	TOTAL USDA		OTH STATE APPRO	PROD INDUS -TRY	OTH -ER	TOTAL		
		SUPPORT SYS	PROF	TECH							CSRS	CGCA						
SERIES 100																		
101 APPRAIS OF SOIL RES	219	79.8	90.9	74.9	49.5	858	259	41	45	32	1234	212	933	4699	351	982	1036	9447
102 SOIL PLMT WTR NUTRI	651	202.5	188.5	205.9	176.9	2478	666	392	98	681	4311	1163	1852	13615	1168	1292	1360	24760
103 MGHT OF SALINE SOIL	62	16.5	24.8	14.8	15.9	164	22	0	3	0	189	98	210	1221	26	266	65	2075
104 ALTERN USE OF LAND	191	57.2	55.5	28.8	47.1	670	296	35	80	0	1080	399	719	2380	214	370	269	5431
105 CONSERV USE OF WATE	289	85.3	66.9	69.6	73.4	817	209	45	60	54	1184	927	902	4810	389	437	417	9064
106 DRAIN AND IRRIGATIO	137	37.5	27.9	34.1	44.4	320	192	2	0	29	543	396	390	2758	225	134	269	4715
107 WATERSHED PROT & NG	195	60.3	65.6	41.4	60.9	402	63	322	220	54	1061	537	1596	3737	117	308	454	7808
108 ECON LEG PROB OF WA	42	18.9	24.0	8.9	13.0	111	9	0	0	0	121	70	310	862	39	98	593	2094
109 WEATHER ADAPT & MOD	136	52.7	49.8	52.6	47.6	368	465	32	21	25	911	361	3376	2391	483	123	192	7837
110 APPRAIS FORST & RAN	157	30.6	36.4	16.8	17.7	114	10	4	10	3	550	515	381	1638	80	170	282	3616
111 BIOL CULT MGHT FORS	492	149.5	141.0	108.7	111.2	189	57	2675	24	101	3046	1361	1266	7514	723	1151	822	15882
112 IMPROV RANGE RESOR	178	56.8	46.3	38.7	56.4	536	102	125	12	67	842	204	571	3712	573	210	146	6259
113 REMOTE SENSING	60	14.8	14.7	13.0	9.6	43	7	102	0	26	178	280	404	836	36	162	65	1963
114 RSCH ON MGHT OF RSC	36	14.2	15.3	5.5	17.2	143	26	0	1	0	171	70	182	1130	6	31	497	2087
SUBTOTAL	2845	876.4	847.6	713.7	740.8	7212	2383	4181	563	1080	15420	65951	13092	51301	4430	5734	6466	103039
SERIES 200																		
201 CNTRL FORST INSECTS	212	53.1	65.1	43.1	25.4	276	218	611	20	0	1125	1027	1356	2522	43	138	301	6512
202 CONTROL FOREST DIS	147	41.5	43.8	35.9	23.8	236	220	655	2	0	1113	323	167	2324	87	161	256	4430
203 FOREST FIRE PROTECT	13	2.2	1.8	0.6	2.1	3	0	9	0	0	12	20	5	149	0	17	10	213
204 CNTR PESTS FRT & V	422	134.8	122.2	135.6	129.7	1755	320	0	256	19	2351	686	717	10322	491	1057	437	16062
205 CNTR DIS FRST & VEG	738	239.8	185.8	246.2	289.8	2900	740	4	330	94	4069	813	516	19541	763	1582	735	28019
206 CNTR WEEDS FRT & V	179	42.3	40.4	49.2	54.6	695	93	0	96	25	909	202	194	3628	201	330	242	5705
207 CNTR PESTS FLD CROP	567	190.1	205.6	199.3	197.8	2984	878	0	120	206	4188	1181	1591	12359	621	2010	606	22556
208 CNTR DIS FLD CROP	755	231.7	213.0	250.2	215.3	3619	804	0	584	454	5461	686	781	15695	740	2056	1272	26691
209 CNTR WEEDS FLD CROP	330	105.0	119.0	104.1	125.4	1751	310	0	87	188	2337	686	371	8375	795	1518	673	14735
210 CNTR PESTS ANIMALS	134	34.9	39.9	32.7	32.3	440	89	0	296	298	1123	310	291	2136	208	255	136	4458
211 CNTR DTS ANIMALS	824	309.4	263.8	437.5	225.5	2444	1383	0	2839	3870	10836	1705	4823	20445	2380	1813	1463	43465
212 CNTR INTER PARASITE	107	31.1	18.3	37.0	32.8	474	225	0	402	231	1307	56	85	2449	280	367	51	4594
213 PROT ANMLS FROM TOX	121	32.6	37.4	44.4	29.1	259	97	0	278	336	972	204	520	2296	486	251	184	4913
214 PROTECT FROM POLLUT	240	56.2	71.4	60.7	46.3	665	180	117	789	80	1832	345	1751	3822	217	971	251	9190
SUBTOTAL	4789	1505.5	1427.4	1676.4	1429.9	18777	5557	1307	6099	5804	37633	82251	1366	106062	7311	112526	6618	191542
SERIES 300																		
301 GENET BREED FORST T	132	48.8	47.4	58.7	42.5	99	150	1130	7	0	1386	378	147	2840	51	648	461	5911
302 IMP FOREST ENG SYS	38	14.8	15.5	8.4	12.0	38	0	154	7	0	199	193	185	829	38	239	59	1741
303 ECON TIMBER PRODUCT	61	19.6	12.6	7.6	7.9	9	0	316	14	0	339	328	362	905	24	139	123	2219
304 IMP BIO EFF FRT & V	1041	328.6	253.0	385.9	487.7	4590	1068	0	306	1285	7249	509	1204	29173	1683	1713	1088	42619
305 MECH PROD FRT & VEG	134	31.9	16.0	34.6	26.7	562	210	0	0	13	784	54	55	2478	43	152	161	3728
306 PROD MGHT SYS F & V	105	23.3	11.2	20.3	24.0	288	57	0	26	21	393	100	26	1648	99	107	34	2406
307 IMP BIO EFF FLD CROP	1583	623.2	555.0	723.4	899.9	8734	2045	0	843	1518	13140	2748	3665	51264	5753	6405	3986	86961
308 MECH PROD FLD CROP	97	29.2	24.1	34.1	36.5	564	69	0	52	0	685	70	68	2159	264	275	125	3647
309 PROD MGHT SYS FLD C	296	75.2	62.5	74.1	93.6	1328	282	0	168	108	1886	175	356	6575	888	493	210	10583
310 ANIMAL REPRODUCTION	489	186.9	192.1	279.3	313.9	3496	1839	0	171	1321	6827	527	3594	16897	3916	938	564	33263
311 IMP BIO EFF ANML PR	1234	467.6	475.1	837.8	985.4	10644	2794	0	743	1891	16071	1191	2412	51851	20113	4564	3472	99675
312 ENV STRESS IN ANML	189	49.6	36.6	65.6	73.7	856	399	0	103	39	1396	180	535	4429	1262	128	142	8072
313 PROD MGHT SYS ANML	294	68.8	67.6	73.7	153.7	1224	506	0	101	418	2249	224	184	6541	2420	238	210	12065
314 BEES OTH POLLNTNG I	46	17.3	16.5	10.4	7.1	182	0	0	8	21	211	51	98	921	27	219	46	1674
315 IMP STROC FARM SUPP	148	40.7	31.1	33.8	21.2	635	31	12	223	6	907	192	958	2968	546	158	345	6075
316 FARM BUSINESS MGHT	153	54.7	47.7	18.1	47.7	901	124	0	22	178	1225	353	154	2422	188	86	69	4497
317 MECH/STRUCTS ANML P	74	16.8	14.1	16.2	19.2	265	51	0	17	0	333	31	73	1316	81	45	179	2058
318 NON-COM BIO TECH/BI	1101	455.5	548.1	393.4	261.6	4735	288	11	343	190	5567	844	1784	27000	1492	2198	1572	56518
SUBTOTAL	7215	2552.5	2426.1	3075.3	3514.2	23915	9912	1623	3154	7008	60848	82493	19212	122163	88871	18746	12846	383712
SERIES 400																		
401 NEW IMP FOREST PROD	200	109.1	95.7	87.8	75.8	209	9	1238	109	0	1566	582	836	5752	188	2294	171	11389
402 PROD F & V IMP ACCE	275	61.8	47.9	52.6	70.8	691	180	0	63	85	1019	64	201	5223	235	340	149	7231
403 NEW & IMP FEV PROD	186	61.0	43.4	49.5	54.6	973	196	0	7	61	1238	113	189	4295	121	393	253	6601
404 MKT QAL FRTS & VEG	167	48.6	54.2	49.7	32.8	781	430	0	16	0	1227	49	275	3880	154	520	96	6203
405 PROD FLD CROP IMP A	273	77.8	81.7	97.2	84.0	1322	361	0	117	160	1960	354	552	5901	607	665	296	10334
406 NEW IMP FOOD PLD CR	140	42.1	59.7	38.7	38.6	604	186	0	22	145	957	37	637	2661	273	234	341	5117
407 NEW IMP NON-FOOD FC	82	22.6	34.5	17.6	28.5	408	14	0	36	193	651	25	316	1520	209	141	190	3053
408 MKT QAL FLD CROP	102	20.5	18.3	16.1	17.0	375	93	0	58	0	527	200	42	1345	82	177	86	2459
409 PROD ANML PR IMP AC	171	40.3	52.6	48.6	79.9	1188	420	0	235	635	2478	57	206	3131	1027	188	74	7160
410 IMP HEAT MILK EGG P	260	78.0	97.5	75.9	66.4	1697	278	0	0	53	2028	90	360	5878	1048	449	313	10166
411 IMP NON-FOOD ANML P	28	7.4	11.3	6.2	6.7	45	78	23	30	69	244	104	107	362	7	5	3	832
412 MKT QAL ANIMAL PRO	111	27.6	26.7	25.5	25.1	574	122	0	39	89	824	45	33	1931	79	314	50	3276
SUBTOTAL	1995	596.6	623.4	565.7	580.4	8868	2368	1261	732	1490	14720	1720	3753	41880	4030	5720	2022	73845
SERIES 500																		
501 IMP GRADES & STANDS	63	19.5	12.5</															

WAT TOT SRES-FORESTRY SCH-OTHER INST

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL USDA CSRS CGCA	OTH STATE FED APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL	
		SYS	SUPPORT PROF	YEARS TECH	OTHER	HATH	RRP	HCIV STW	SP GT	OTH CSRS	CSRS							
SERIES 800																		
801 RURAL HOUSING	63	15.1	8.7	4.7	9.0	128	102	0	78	43	351	2	238	611	29	12	14	1258
802 INDIV & FAM DEC MAK	200	51.9	56.7	18.8	26.1	455	353	18	114	500	1440	11	602	2122	168	142	480	4965
803 RURAL POVERTY	48	17.6	12.8	14.6	16.4	136	31	0	71	831	1069	4	5	239	5	9	9	1339
804 ECON POTENT RURAL PE	102	34.9	20.6	12.3	23.3	295	135	2	149	441	1022	44	179	1026	57	26	256	2610
805 COMMUNICAT RURAL PE	126	40.3	26.3	14.1	27.3	306	40	24	83	401	853	27	104	2182	90	59	311	3625
806 ADJUSTMENT TO CHANG	189	55.4	47.2	13.8	31.3	661	356	0	217	122	1356	10	317	2098	71	235	232	4318
807 AGRIC ECONOMIC CHAN	164	48.3	45.4	19.7	44.4	675	265	0	56	295	1291	198	115	2546	267	149	252	4818
808 GOV'T PROGRAMS	51	9.8	16.9	3.9	9.6	131	70	0	0	0	201	25	73	644	10	15	53	1021
SUBTOTAL	943	273.1	234.5	102.0	187.4	2788	1353	43	768	2632	7584	320	1633	11466	697	645	1607	23954
SERIES 900																		
901 ALLEV POLLUTION	560	178.1	219.9	169.4	130.3	1887	1042	153	542	1024	4648	368	3055	10963	328	2573	1076	23011
902 OUTDOOR RECREATION	156	48.4	36.6	22.2	26.4	288	128	284	60	0	761	385	767	1861	103	98	263	4237
903 MULTI-USE-FOREST PO	94	19.5	21.7	13.3	9.9	17	6	438	0	0	461	204	145	866	24	71	383	2154
904 WLDLFE AND FISH ECO	589	172.6	258.2	173.5	150.5	1144	337	574	476	605	3136	1331	5157	9758	805	2100	2422	24709
905 TREES BEAUTIFICATIO	113	26.3	23.7	18.0	19.9	228	48	99	0	0	375	136	393	1709	52	97	95	2857
906 ORNAMENT & TURF DEV	589	219.2	135.5	217.9	213.9	3292	435	0	3	0	3730	170	147	15990	435	1356	549	22377
907 RURAL INCOME IMP	136	31.9	35.1	9.8	36.7	772	263	0	164	44	1243	139	214	1409	51	43	184	3282
908 RURAL INSTITUT IMP	213	58.5	62.4	22.5	46.0	969	251	0	204	353	1776	204	169	2482	169	220	513	5533
909 UNCLASSIFIED	52	8.7	31.2	3.4	6.4	1063	500	55	0	457	2075	348	0	86	45	0	3	2558
SUBTOTAL	2502	763.3	824.3	650.0	640.0	9660	3010	1602	1449	2484	18205	3284	10047	45124	2012	6559	5488	90719
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	22448	7234.3	7030.1	7263.1	7624.7	29150	10359	16372	23856	174305	82994	59135	38203	942675				

SARS REGION 1 NORTHEAST REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS		OTHER	HATH	RRF	NCIN STEN	SP GT	OTH CSRS	TOTAL USDA		OTH STATE	PROD SALE	INDUS -TRY	OTH -ER	TOTAL	
			PROP	TECH							CSRS	CGCA						
0100 SOIL AND LAND	174	38.5	43.5	36.0	26.4	885	366	44	75	26	1357	197	347	2422	131	297	240	4990
0200 WATER	88	17.5	22.3	15.7	7.8	368	37	23	0	0	429	20	278	857	51	150	306	2089
0300 WATERSHEDS RIVER BAS	29	7.6	5.7	4.1	2.1	87	0	68	0	0	155	51	55	442	2	3	36	744
0400 AIR AND CLIMATE	30	4.2	5.2	1.1	1.8	25	43	6	0	46	121	0	118	258	23	27	12	559
0500 RECREATION RESOURCES	29	8.2	5.5	1.6	2.2	62	41	99	0	0	203	29	41	262	6	18	70	628
0600 TIMBER FORST PRODUCT	295	99.8	91.3	59.9	30.8	477	326	1549	40	0	2391	984	439	3714	101	1012	785	9426
0700 RANGE	3	0.5	0.4	0.5	1.9	37	29	0	0	0	66	0	0	54	18	0	0	139
0800 WILDLIFE AND FISH	139	33.4	54.1	43.0	15.8	372	67	158	124	126	847	79	983	1727	165	238	832	4870
0900 CITRUS SUB TROP FRUIT	4	0.5	0.6	0.2	0.2	11	4	0	0	0	15	0	0	29	0	11	0	55
1000 FRUIT NUTS DECIDUOUS	245	93.5	70.4	102.9	62.3	1679	637	4	125	0	2446	66	305	5568	343	470	400	9598
1100 POTATOES	86	28.9	18.8	34.2	30.0	484	235	0	109	0	828	197	73	1387	212	115	321	3131
1200 VEGETABLES	242	71.8	51.9	69.2	52.6	1311	568	0	138	105	2123	129	405	4374	244	384	226	7885
1300 ORNAMENTALS TURF	121	39.7	24.6	42.7	28.3	759	179	0	0	0	938	13	56	2376	67	325	56	3830
1400 CORN	96	21.8	20.4	29.0	14.3	588	112	0	11	0	710	15	169	1222	151	97	62	2426
1500 GRAIN SORGHUM	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1600 RICE	6	1.1	1.1	0.5	0.5	8	0	0	18	0	26	0	3	48	6	13	16	112
1700 WHEAT	27	5.5	4.3	8.4	4.3	126	18	0	79	0	222	28	87	213	36	19	45	649
1800 OTHER SMALL GRAINS	21	3.1	3.2	5.3	3.5	63	4	0	0	0	68	22	38	190	34	22	25	399
1900 PASTURE	5	1.2	0.4	1.3	0.8	27	26	0	0	0	54	1	13	53	8	4	0	133
2000 FORAGE CROPS	109	30.4	19.3	44.2	30.4	524	314	0	30	114	981	163	103	1760	130	148	90	3376
2100 COTTON	1	0.3	0.1	0.0	0.0	6	3	0	0	0	9	0	0	5	0	0	0	13
2200 COTTONSEED	2	0.1	0.2	0.3	0.1	3	0	0	0	0	3	0	0	14	0	0	0	18
2300 SOYBEANS	48	11.2	12.0	12.1	6.0	215	98	0	22	270	606	20	37	513	42	24	11	1252
2400 PEANUTS	1	0.0	0.2	0.0	0.1	0	0	0	0	0	0	0	0	8	0	0	0	8
2500 OTHER OILSEED CROPS	3	0.2	0.1	0.2	0.3	10	0	0	0	0	10	0	0	8	0	27	0	44
2600 TOBACCO	20	9.5	1.0	11.7	1.9	148	13	0	0	0	161	0	0	605	15	7	0	788
2700 SUGAR CROPS	3	0.3	1.8	0.5	0.0	4	0	0	0	0	4	0	29	11	1	0	0	44
2800 MISC NEW CROPS	10	1.7	0.8	0.4	0.4	17	3	0	0	0	20	0	4	70	0	10	1	105
2900 POULTRY	153	56.2	44.7	74.5	64.4	1230	600	0	159	90	2080	90	533	3956	363	206	140	7369
3000 BEEF CATTLE	76	16.1	13.1	26.7	28.5	519	68	0	91	72	750	25	48	1208	207	63	97	2399
3100 DAIRY CATTLE	216	63.9	64.0	103.8	68.2	1434	530	0	276	208	2448	174	269	4565	1141	494	442	9534
3200 SWINE	35	8.1	5.2	16.1	10.2	183	13	0	58	117	371	0	94	606	96	35	25	1227
3300 SHEEP AND WOOL	37	17.5	5.1	19.9	7.3	182	43	0	0	25	250	46	138	441	80	91	2	1048
3400 OTHER ANIMALS	77	20.4	25.2	17.3	11.2	296	12	0	95	0	403	45	646	1308	235	107	162	2906
3500 BEES AND HONEY	9	3.0	2.7	0.5	1.5	52	0	0	0	0	52	0	71	127	3	26	1	281
3600 FARM SUPP & FACILITS	15	4.1	3.4	7.0	1.4	99	3	0	13	0	115	0	134	221	34	1	63	566
3700 CLOTHING & TEXTILES	7	1.4	1.9	0.0	0.9	41	0	0	0	0	41	0	46	113	5	16	0	221
3800 FOOD	98	34.0	43.8	23.0	19.5	483	359	0	31	0	872	226	520	1689	149	400	121	3977
3900 HOUSING & EQUIP	43	13.2	8.3	8.7	5.8	183	9	18	0	0	210	72	621	713	103	51	115	1885
4000 PEOPLE AS INDIVIDUAL	140	46.8	47.1	24.8	27.1	638	268	33	18	49	1006	257	1189	1606	282	84	560	4985
4100 FAMILY MEMBERS	30	19.5	24.2	7.3	9.2	122	41	0	9	171	344	0	361	522	198	105	469	1998
4200 FARM AS BUSINESS	18	7.1	6.8	0.5	5.7	189	5	0	0	0	195	41	19	287	24	9	9	584
4300 SOC POLIT ORGANIZ	97	30.6	21.4	11.5	20.7	482	373	0	99	93	1048	75	189	789	45	74	313	2534
4400 AGRIC ECONOMY U S	9	2.6	0.8	0.5	1.2	33	0	0	0	0	33	0	0	144	5	2	2	187
4500 AGRIC ECONOMY FORGN	4	2.8	0.2	0.5	1.3	0	0	0	0	0	0	36	0	115	2	0	19	172
4600 FARM COOPERATIVES	3	0.8	0.0	0.0	0.3	18	0	0	0	0	18	0	0	24	3	0	0	44
4700 OTH MARKET PROCESS	3	1.9	4.3	0.6	1.0	14	0	0	0	0	14	0	0	53	14	16	109	206
4800 MARKETING SYSTEMS	14	7.3	1.0	3.5	5.4	176	4	0	0	0	181	15	1	285	13	0	3	500
6100 WEEDS	3	0.5	0.5	0.5	0.8	28	0	0	0	0	28	0	5	18	1	0	0	52
6200 SEED RESEARCH	10	3.1	1.2	2.9	1.0	17	15	0	0	0	32	0	0	147	1	2	3	185
6300 BIO CELL SYSTEMS	52	22.1	21.9	17.4	7.1	261	4	0	22	0	288	2	1063	697	121	6	130	2306
6400 EXP DESIGN/STAT METH	12	4.2	1.8	0.0	2.3	31	0	0	0	0	31	0	6	197	63	48	21	367
6500 INVERTEBRATES	46	19.1	20.8	9.7	6.1	230	37	0	0	0	268	32	666	851	50	12	48	1929
6600 MICROORGANISMS, VIRUS	63	22.7	23.5	22.4	9.1	352	2	11	0	121	487	28	966	769	150	48	133	2581
6700 PLANTS	105	33.1	21.5	35.7	18.6	476	270	0	434	16	1195	231	289	1245	101	356	125	3542
6800 ANIMALS(VERTEBRATES)	54	17.1	12.0	14.4	4.2	117	10	0	170	1	298	3	964	641	201	30	4	2143
6900 RESEARCH ON RSCH HGM	5	2.1	11.8	2.3	12.0	8	0	0	1	0	9	29	118	390	33	35	495	1109
7000 RSCH EQUIP & TECHNOL	34	9.0	8.6	4.3	1.8	60	5	1	22	0	89	4	249	359	12	14	82	809
9900 UNCLASSIFIED	7	4.5	2.4	0.7	0.0	17	16	27	0	9	68	0	0	0	0	0	0	68
TOTAL	3313	1025.1	908.3	982.2	678.1	16228	5811	2043	2270	1661	28013	3446	12787	5519	5755	7231	115029	

SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			OTHER	HATH	RRF	HCIN STEW	SP GT	OTH CSRS	TOTAL USDA		OTH STATE		PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH									CSRS	CGCA	FED				
SERIES 100																			
101 APPRAIS OF SOIL RES	25	8.0	9.3	4.8	4.7	162	8	1	0	0	171	44	23	403	48	13	47	749	
102 SOIL PLNT WTR NUTRI	63	16.2	14.6	20.5	8.3	348	184	55	0	26	613	38	137	969	35	170	41	2003	
103 MGMT OF SALINE SOIL	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	1	
104 ALTERN USE OF LAND	34	7.4	11.2	3.8	6.6	149	135	1	72	0	357	83	9	262	10	6	32	760	
105 CONSERV USE OF WATE	15	2.9	2.2	2.7	1.2	72	0	18	0	0	90	2	53	147	14	10	1	318	
106 DRAIN AND IRRIGATIO	8	1.3	2.0	0.4	1.2	12	4	2	0	0	19	28	5	99	13	0	63	226	
107 WATERSHD PROT & MG	24	6.2	5.4	3.0	3.1	39	0	63	0	0	102	47	69	500	4	18	14	754	
108 ECON LEG PROB OF WA	5	1.1	3.5	1.0	0.8	6	0	0	0	0	6	1	1	91	3	10	177	288	
109 WEATHER ADAPT & MOD	21	3.6	3.0	0.3	2.0	40	41	6	0	0	87	0	59	206	25	2	8	387	
110 APPRAIS FORST & RAN	20	3.4	5.4	1.4	1.2	22	0	69	0	0	91	84	18	147	6	0	56	401	
111 BIOL CULT MGMT FORN	85	19.3	18.0	6.9	5.4	42	0	495	0	0	538	223	34	698	35	126	49	1704	
112 IMPROV RANGE RESOR	2	0.4	0.4	0.5	1.7	37	29	0	0	0	66	0	0	44	18	0	0	128	
113 REHOTY SENSING	16	2.6	3.5	1.1	0.7	33	5	4	0	0	42	18	16	133	6	0	0	217	
114 RESCH ON MGMT OF RSC	4	0.4	7.8	2.3	10.5	8	0	0	1	0	9	29	103	378	0	9	260	788	
SUBTOTAL	323	72.7	86.3	48.6	47.3	970	407	714	74	26	2190	598	528	4078	217	364	748	8724	
SERIES 200																			
201 CTRL FORST INSECTS	41	15.6	15.9	9.6	5.1	82	97	189	0	0	368	417	103	495	6	94	126	1609	
202 CONTROL FOREST DIS	28	9.8	9.6	7.0	1.8	142	135	158	0	0	436	72	24	437	23	18	76	1087	
204 CTR PESTS FRT & VE	92	35.6	28.4	30.6	24.6	540	79	0	155	0	774	64	331	1791	111	250	180	3502	
205 CTR DISE FRT & VEG	133	42.8	29.4	52.6	37.1	680	287	4	104	0	1076	213	45	2568	199	349	242	4691	
206 CTR WEEDS FRT & VE	30	7.7	5.9	9.4	8.5	272	23	0	2	0	298	21	30	469	58	33	27	936	
207 CTR PESTS FLD CROP	39	13.4	10.2	13.5	7.9	297	40	0	2	70	410	77	127	543	65	20	47	1290	
208 CTR DIS FIELD CROP	49	13.8	8.1	22.5	7.8	264	90	0	79	0	434	51	108	768	55	40	79	1536	
209 CTR WEEDS FLD CROP	19	5.0	5.2	7.6	3.0	136	52	0	1	0	189	27	9	330	27	53	5	640	
210 CTR PESTS ANIMALS	17	2.9	3.0	1.9	0.8	44	22	0	11	20	97	3	56	157	3	12	2	331	
211 CTR DIS ANIMALS	127	54.2	38.5	64.0	36.7	447	487	0	606	292	1832	113	420	2680	264	268	183	5759	
212 CTR INTER PARASITE	8	2.4	2.1	2.5	1.4	63	0	0	15	0	78	0	52	131	84	9	0	355	
213 PROT ANMLS FROM TOX	8	2.3	0.6	0.5	2.2	12	2	0	0	9	23	0	0	126	13	0	19	181	
214 PROTECT FROM POLLUT	60	10.0	14.4	11.9	5.7	247	101	69	386	0	803	1	219	619	31	101	90	1865	
SUBTOTAL	651	215.5	171.3	233.6	142.6	3228	1415	421	1361	391	6816	1060	1525	11116	941	1248	1075	23781	
SERIES 300																			
301 GENET BREED FORST T	12	4.5	2.4	9.1	2.2	34	52	101	0	0	187	10	11	196	1	22	3	431	
302 IMP FOREST ENG SYS	5	1.6	0.5	0.8	0.1	21	0	29	0	0	50	11	0	37	0	11	0	110	
303 ECON TIMBER PRODUCT	8	2.1	1.2	0.1	0.0	0	0	26	0	0	26	7	0	40	0	24	0	98	
304 IMP BIO EFF FRT & V	173	53.5	37.5	70.4	45.4	1189	204	0	12	76	1481	72	115	3565	266	150	285	5933	
305 MECH PROD FRT & VEG	16	7.7	4.9	8.0	4.2	193	171	0	0	0	363	0	35	306	2	12	7	727	
306 PROD MGMT SYS F & V	14	3.7	1.6	1.1	3.4	70	3	0	0	0	73	31	0	162	6	5	17	294	
307 IMP BIO EFF FLD CRP	101	34.8	21.0	40.1	26.7	759	212	0	51	75	1097	57	34	1990	174	152	46	3551	
308 MECH PROD FIELD CRO	3	0.6	0.0	1.2	0.2	11	0	0	0	0	11	0	0	31	0	0	0	42	
309 PROD MGMT SYS FLD C	21	6.6	5.2	11.2	5.4	144	76	0	21	0	240	14	38	378	9	29	2	710	
310 ANIMAL REPRODUCTION	58	22.9	16.4	35.6	17.1	529	186	0	0	4	718	5	326	1481	357	188	91	3166	
311 IMP BIO EFF ANHL PR	149	52.4	48.3	92.6	72.6	1491	223	0	17	75	1806	185	713	4514	981	344	121	8663	
312 ENV STRESS IN ANHL	30	7.5	3.7	9.6	10.9	277	72	0	0	0	349	0	7	527	113	25	16	1039	
313 PROD MGMT SYS ANHL	33	8.7	11.0	17.0	13.9	187	77	0	7	42	314	54	3	770	218	32	130	1521	
314 BEES OTH POLLWTNG I	9	3.0	2.7	0.5	1.5	52	0	0	0	0	52	0	71	127	3	26	1	281	
315 IMP STRUC FARM SUPP	34	10.4	8.8	12.9	2.8	247	5	0	0	0	253	72	559	578	114	41	137	1755	
316 FARM BUSINESS MGMT	14	5.6	3.5	0.4	4.5	142	5	0	0	0	148	32	1	235	16	9	0	440	
317 MECH/STRUCTS ANHL P	8	2.6	3.8	2.3	1.8	94	4	0	0	0	98	9	1	196	11	7	54	376	
318 NON-COM BIO TECH/BI	234	95.4	84.5	76.2	32.1	1165	31	8	77	58	1339	57	3496	3402	487	430	436	9648	
SUBTOTAL	922	323.5	257.0	389.0	244.7	6605	1322	166	186	330	8608	616	5411	18536	2758	1507	1349	38785	
SERIES 400																			
401 NEW IMP FOREST PROD	41	23.1	16.1	15.2	9.3	67	0	216	40	0	322	32	182	898	8	646	16	2105	
402 PROD F & V IMP ACCE	36	8.8	5.8	8.7	7.4	78	59	0	0	0	137	8	14	734	17	19	47	976	
403 NEW & IMP FGV PROD	35	11.9	12.2	5.6	2.6	84	51	0	0	29	164	27	66	680	3	48	23	1011	
404 MGT QUAL FRTS & VEG	44	15.4	11.8	14.9	8.0	259	346	0	0	0	605	0	50	889	104	75	25	1748	
405 PROD FLD CROP IMP A	19	4.3	2.3	7.1	4.0	49	47	0	7	132	235	16	0	234	16	28	9	538	
406 NEW IMP FOOD FLD CR	9	4.1	3.3	0.4	1.5	26	22	0	0	0	48	0	57	171	10	45	2	333	
407 NEW IMP NON-FOOD FC	9	2.3	7.4	4.3	1.6	40	2	0	0	0	42	0	103	144	41	8	41	378	
408 MGT QUAL FIELD CROP	5	0.1	0.2	0.2	0.6	19	0	0	0	0	19	31	1	13	7	1	4	77	
409 PROD ANHL PR IMP AC	15	4.1	3.1	7.2	11.7	161	9	0	0	0	170	0	24	292	90	5	13	594	
410 IMP HEAT HILK EGG P	45	10.7	19.6	14.7	5.9	210	36	0	0	0	246	42	128	892	90	64	73	1535	
411 IMP NON-FOOD ANHL P	2	0.6	2.4	2.0	1.3	0	0	0	0	0	0	0	0	87	3	0	0	107	
412 MGT QUAL ANIMAL PRO	12	4.2	3.5	5.2	6.5	98	0	0	0	0	98	0	9	324	4	134	5	575	
SUBTOTAL	272	89.6	87.7	85.5	60.2	1092	571	216	47	161	2087	155	721	5289	393	1074	259	9977	
SERIES 500																			
501 IMP GRADES & STANDS	7	1.5	0.9	1.2	0.3	4	14	0	0	0	19	0	0	73	1	1	0	93	
502 MGTG TIMBER PRODUCT	9	2.9	1.9	1.6	0.7	18	0	20	0	0	38	17	42	70	0	28	0	196	
503 MGTG EFF AGRI PRODS	24	8.1	9.5	2.4	3.7	109	104	0	0	0	213	28	2	243	40	5	202	733	
506 SPLY DEMAND AND PRI	15	5.0	2.0	0.5	2.2	59	63	0	0	0	122	3	29	193	3	2	3	355	
507 COMP REL IN AGRIC	7	3.2	0.7	1.8	1.5	65	34	0	0	0	99	2	0	77	0	0	1	178	
508 DOMESTIC MGT DEVELP	6	2.9	3.2	0.0	2.7	3	48	0	0	0	51	1	1	101	4	1	84	243	
509 PERFORMANCE MGTG SY	19	8.6	1.3	4.4	7.7	172	53	0	12	0	237	3	2	303	11	16	0	573	
510 GROUP ACT MGT POWER	2	0.3	0.																

SAES REGION 1 NORTHEAST REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS					RRP	NCIN STEN	SP GT	OTH CSRS	TOTAL		OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	CSRS					CGCA							
SERIES 800																			
801 RURAL HOUSING	7	2.0	1.7	0.0	1.2	5	0	0	0	0	5	0	194	62	10	0	0	271	
802 INDIV & FAN DEC MAK	29	14.4	25.0	4.6	8.5	93	21	0	6	98	218	0	486	471	133	105	436	1849	
803 RURAL POVERTY	2	0.3	0.6	1.0	0.6	0	0	0	5	73	79	0	0	0	0	0	0	79	
804 ECON POTENT RURAL PE	13	6.2	1.8	2.8	5.3	44	34	0	1	49	128	18	125	66	41	13	212	604	
805 COMMUNICAT RURAL PE	39	14.9	6.0	2.1	8.2	126	0	24	4	37	191	27	80	355	41	8	171	873	
806 ADJUSTMENT TO CHANG	21	10.9	6.5	2.9	4.1	117	52	0	4	37	210	0	108	210	48	1	105	681	
807 AGRIC ECONOMIC CHAN	13	2.9	4.5	0.1	1.8	64	5	0	0	0	69	8	18	126	10	3	9	244	
808 GOV'T PROGRAMS	4	1.6	1.8	0.0	0.7	33	11	0	0	0	44	0	0	33	0	0	39	116	
SUBTOTAL	128	53.2	47.9	13.5	30.4	483	123	24	20	294	944	53	1011	1322	282	129	973	4716	
SERIES 900																			
901 ALLEV POLLUTION	135	35.3	37.0	31.4	15.7	630	126	62	16	149	982	51	571	2059	96	345	270	4374	
902 OUTDOOR RECREATION	29	9.3	5.4	1.7	2.3	51	78	93	0	0	222	26	41	267	5	18	69	649	
903 MULTI-USE-FOREST PO	16	4.9	9.7	6.4	1.2	7	0	134	0	0	141	19	4	166	1	2	253	586	
904 WLDLPE AND FISH ECO	113	27.3	42.3	37.9	14.1	296	51	131	124	126	727	71	632	1400	147	218	683	3879	
905 TREES BEAUTIFICATIO	25	4.4	5.3	1.0	2.9	17	17	0	0	0	34	71	3	243	12	3	10	376	
906 ORNAMENT & TURF DEV	115	39.4	23.6	42.5	28.1	752	178	0	0	0	930	13	52	2329	61	324	53	3763	
907 RURAL INCOME IMP	37	11.1	10.1	2.8	7.2	218	223	0	48	6	495	35	131	308	8	6	8	990	
908 RURAL INSTITUT IMP	52	13.6	9.6	7.2	10.5	247	110	0	48	13	418	40	42	391	23	66	155	1135	
909 UNCLASSIFIED	7	4.5	2.4	0.7	0.0	17	16	27	0	9	68	0	0	0	0	0	0	68	
SUBTOTAL	529	149.6	145.2	131.5	81.8	2234	798	447	235	303	4017	327	1477	7162	354	982	1499	15819	
SCIENCE IN SERV OF MAN	3152		908.3		678.1		5811		2270		28013		12787		5519		7231		
GRAND TOTAL		1025.1		982.2		16228		2043		1661		3446		52277		5756		115029	

SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			OTHER HATH	RRF	HCIN STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH														
0100 SOIL AND LAND	326	101.4	90.0	134.3	116.5	1250	278	87	223	794	2632	180	574	6529	320	701	1012	11947
0200 WATER	202	61.5	65.8	58.7	64.5	522	174	67	130	450	1304	321	294	3458	137	544	285	6383
0300 WATERSHEDS RIVER BAS	47	9.1	8.4	11.2	12.4	45	10	51	13	78	197	30	220	414	1	27	25	914
0400 AIR AND CLIMATE	13	1.6	2.0	2.2	3.9	29	37	0	0	0	66	5	68	130	8	15	3	295
0500 RECREATION RESOURCES	30	13.3	11.7	5.2	10.2	72	0	90	60	0	222	149	75	492	12	26	4.3	1019
0600 TIMBER FORST PRODUCT	462	161.7	137.0	227.3	147.5	291	229	3143	95	120	3878	972	1587	9962	401	1758	524	19083
0700 RANGE	49	18.1	18.3	16.4	24.8	231	0	0	1	15	247	64	5	1304	207	248	0	2075
0800 WILDLIFE AND FISH	245	81.5	105.9	106.3	89.0	568	280	325	344	403	1921	521	1802	4659	469	1189	1119	11681
0900 CITRUS SUB TROP FRUT	128	77.9	17.2	99.9	133.4	536	70	0	1	0	607	264	217	6069	159	212	162	7691
1000 FRUIT NUTS DECIDUOUS	338	111.8	63.5	153.9	154.8	1352	362	0	130	263	2106	216	411	9948	454	252	195	13582
1100 POTATOES	36	6.0	3.2	6.0	6.4	86	0	0	0	6	93	0	0	601	25	12	1	731
1200 VEGETABLES	511	199.8	93.3	239.9	362.4	2645	342	0	235	1498	4720	343	213	14886	617	753	417	21950
1300 ORNAMENTALS TURF	227	101.5	45.2	111.9	109.3	1375	227	0	1	0	1603	33	251	7191	171	463	161	9872
1400 CORN	288	58.8	50.3	68.1	73.5	934	332	0	40	24	1330	174	406	4756	277	181	182	7305
1500 GRAIN SORGHUM	158	38.6	27.4	37.8	48.3	561	58	0	13	16	647	90	3	2767	204	202	283	4195
1600 RICE	90	33.9	14.3	26.0	39.5	348	33	0	3	0	385	32	56	2684	253	231	156	3797
1700 WHEAT	163	34.9	23.2	35.2	31.0	550	28	0	29	58	666	31	26	2400	260	306	125	3815
1800 OTHER SMALL GRAINS	92	16.1	9.8	24.8	16.2	309	10	0	8	347	674	9	19	1145	73	54	70	2043
1900 PASTURE	99	24.1	12.2	29.8	56.6	455	14	0	20	44	533	262	44	1881	277	104	82	3183
2000 FORAGE CROPS	338	112.7	73.9	147.1	182.1	2113	263	4	150	324	2855	243	247	9266	1259	407	153	14429
2100 COTTON	285	105.6	90.2	103.2	131.9	1287	494	0	73	272	2126	524	473	6854	658	1478	399	12512
2200 COTTONSEED	14	3.3	2.2	3.5	1.4	45	2	0	0	0	47	7	18	134	2	43	0	252
2300 SOYBEANS	481	139.8	129.9	153.4	192.2	1875	687	0	360	1237	4160	389	296	10412	642	1168	809	17876
2400 PEANUTS	147	40.2	30.8	72.2	48.4	466	63	0	91	143	763	104	158	3565	280	304	276	5451
2500 OTHER OILSEED CROPS	17	5.1	3.3	3.8	4.0	37	0	0	0	40	77	1	38	237	6	40	45	444
2600 TOBACCO	130	50.5	38.7	75.7	77.7	799	27	0	129	67	1023	38	55	5231	191	210	307	7056
2700 SUGAR CROPS	75	34.0	6.7	34.9	130.1	742	38	0	0	0	780	10	116	2655	267	151	10	3990
2800 MISC NEW CROPS	44	8.7	3.0	7.0	29.9	186	84	0	28	0	298	4	2	471	53	5	4	837
2900 POULTRY	312	103.0	84.2	182.4	129.7	1758	446	0	295	771	3270	51	250	9336	663	547	340	14458
3000 BEEF CATTLE	580	189.2	144.6	275.8	349.0	3429	1275	0	454	1579	6736	1027	1301	19533	4226	1425	370	34618
3100 DAIRY CATTLE	369	114.7	71.7	142.1	220.0	2633	605	0	533	584	4356	310	192	11571	3377	673	346	20825
3200 SWINE	239	76.5	53.9	109.0	131.7	1147	498	0	392	1183	3219	110	996	7007	1318	219	216	13085
3300 SHEEP AND WOOL	102	20.4	17.1	39.6	29.1	350	38	0	96	235	719	68	101	1785	136	198	45	3051
3400 OTHER ANIMALS	145	46.4	29.1	45.4	48.8	384	9	0	454	1150	1997	89	319	2409	166	246	41	5268
3500 BEES AND HONEY	8	3.0	2.7	5.9	1.4	23	0	0	0	21	44	24	10	133	0	46	3	261
3600 FARM SUPP & FACILITS	25	6.5	1.9	5.6	3.8	30	0	12	82	6	130	2	46	526	25	34	7	771
3700 CLOTHING & TEXTILES	22	5.7	7.7	1.0	3.6	125	2	0	37	131	294	5	0	225	2	0	0	527
3800 FOOD	144	51.5	32.0	54.6	58.1	817	377	0	129	1020	2342	93	147	2479	63	238	121	5484
3900 HOUSING & EQUIP	62	23.6	14.8	10.3	20.2	179	34	22	78	43	356	10	150	1316	34	25	32	1923
4000 PEOPLE AS INDIVIDUAL	207	70.6	49.7	52.6	51.7	650	347	0	566	1774	3337	62	254	2032	57	240	135	6118
4100 FAMILY MEMBERS	95	28.4	18.9	16.3	17.0	251	135	0	291	716	1393	9	13	699	4	17	14	2149
4200 FARM AS BUSINESS	99	29.8	20.5	12.9	25.8	477	102	0	31	321	931	125	15	1080	29	25	32	2236
4300 SOC POLIT ORGANIZ	111	34.7	32.7	19.2	34.4	577	96	0	209	761	1643	50	177	1104	17	118	35	3145
4400 AGRIC ECONOMY U S	43	15.5	13.1	6.9	13.1	178	43	0	16	120	357	35	21	628	17	36	12	1106
4500 AGRIC ECONOMY FORGN	1	0.1	0.0	0.0	0.0	2	0	0	0	0	2	0	0	4	0	0	0	6
4600 FARM COOPERATIVES	9	1.6	0.4	0.5	3.0	21	5	0	15	4	44	0	0	52	0	27	6	129
4700 OTH MARKET PROCESS	12	2.4	0.7	1.9	2.1	22	6	0	0	0	28	1	0	115	2	0	68	213
4800 MARKETING SYSTEMS	28	7.6	3.0	4.3	9.6	97	69	0	23	0	188	45	0	272	9	92	27	633
6100 WEEDS	28	5.2	10.1	9.5	3.4	73	13	0	29	0	114	75	39	352	27	34	23	663
6200 SEED RESEARCH	10	2.8	0.3	4.3	1.7	26	0	0	0	0	26	6	0	173	15	16	2	237
6300 BIO CELL SYSTEMS	48	19.7	21.3	22.9	5.3	174	0	0	2	10	185	34	571	970	32	119	61	1972
6400 EXP DESIGN/STAT METH	15	7.2	6.1	3.5	4.8	18	1	0	49	22	90	11	1	520	0	0	16	639
6500 INVERTEBRATES	75	30.6	26.6	32.4	10.5	291	5	0	26	63	386	23	569	1250	30	139	111	2507
6600 MICROORGANISMS,VIRUS	63	21.9	15.4	54.5	16.5	217	18	0	68	28	331	29	558	1744	9	169	223	3062
6700 PLANTS	182	66.6	56.8	80.5	81.7	733	193	0	768	103	1797	254	426	4732	171	376	1814	9570
6800 ANIMALS (VERTEBRATES)	90	21.8	21.4	34.9	20.4	260	79	0	75	19	434	66	499	1641	41	171	132	2985
6900 RESEARCH ON RSCH MGN	7	6.2	2.8	1.0	2.7	25	0	0	0	0	25	2	19	401	6	15	69	536
7000 RSCH EQUIP & TECHNOL	20	3.5	6.3	6.2	2.6	14	2	11	0	13	40	6	143	234	0	70	25	518
9900 UNCLASSIFIED	19	3.5	0.0	0.6	0.6	153	184	2	0	415	754	0	0	0	0	0	0	754
TOTAL	8205	2671.7	1943.3	3233.2	3600.3	3484.3	8724	3814	6897	17291	71568	7644	14489	194423	18160	16399	11176	333859

SARS REGION 2 SOUTHERN REGION

(INCLUDES SARS-FORESTRY SCR-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS						RCH STRN	SP GT	OTH CSRS	TOTAL		OTH STATE	PROD SALE	INDUS -TRY	OTH -ER	TOTAL	
		SYS	PROF	TECH	OTHER	MATH	REF				USDA	CGCA						
SERIES 100																		
101 APPRAIS OF SOIL RES	75	25.0	33.6	37.6	18.3	343	77	19	45	32	516	21	62	1816	44	192	614	3265
102 SOIL PLNT WTR NUTRI	207	66.5	48.8	93.3	88.2	755	147	61	25	648	1635	203	303	4345	387	299	539	7711
103 NGMT OF SALINE SOIL	17	4.2	2.2	5.2	8.9	44	0	0	1	0	46	0	0	208	19	54	27	353
104 ALTERN USE OF LAND	36	7.8	6.2	4.1	8.9	157	3	0	0	0	161	5	21	387	4	54	5	637
105 CONSERV USE OF WATE	92	23.9	20.5	26.4	29.1	318	89	16	0	37	461	271	52	1595	92	134	54	2658
106 DRAIN AND IRRIGATIO	37	11.2	8.1	13.7	21.9	100	76	0	0	0	177	48	14	771	57	80	44	1192
107 WATERSHED PROT & NG	47	14.6	12.9	17.0	20.4	130	41	78	0	54	303	76	285	978	15	87	104	1847
108 ECON LEG PROB OF WA	8	4.2	4.1	0.2	2.9	33	0	0	0	0	33	7	3	193	0	1	43	281
109 WEATHER ADAPT & MOD	23	4.3	4.3	5.5	7.1	43	55	21	17	25	161	28	109	303	12	6	2	622
110 APPRAIS FORST & BAN	38	6.7	8.3	3.7	4.7	14	0	89	0	12	116	42	52	361	34	22	29	655
111 BIOL CULT NGMT FORS	166	49.2	34.3	57.5	46.9	47	16	1112	4	101	1279	76	64	2772	249	423	198	5061
112 IMPROV RANGE RESOR	33	12.0	7.9	13.3	22.6	131	0	0	1	0	133	19	0	967	175	99	0	1393
113 REMOTE SENSING	14	3.9	2.1	5.0	2.9	2	0	59	0	26	87	40	79	248	5	142	14	614
114 RSCH ON NGMT OF RSC	7	6.2	2.8	1.0	2.7	25	0	0	0	0	25	2	19	401	6	15	69	536
SUBTOTAL	800	239.7	196.1	283.3	285.5	2142	505	1456	94	935	5131	840	1064	15345	1098	1607	1741	26826
SERIES 200																		
201 CNTRL FORST INSECTS	71	14.9	20.9	25.2	13.4	99	64	190	0	0	354	238	653	779	13	22	84	2142
202 CONTROL FOREST DIS	47	15.2	9.8	19.4	12.5	24	50	237	0	0	311	41	61	823	15	73	29	1353
203 FOREST FIRE PROTECT	4	0.7	0.2	0.2	1.3	0	0	3	0	0	3	6	0	64	0	0	7	80
204 CNTR PESTS PRT & VE	142	40.1	21.8	58.4	59.5	550	69	0	62	19	700	328	140	2907	119	177	117	4488
205 CNTR DISE PRT & VEG	277	96.5	35.6	122.0	150.4	961	94	0	102	94	1251	276	134	7648	226	243	170	9948
206 CNTR WEEDS PRT & VE	65	16.5	15.9	22.3	26.6	203	8	0	63	25	299	13	182	1448	45	82	57	2087
207 CNTR PESTS FLD CROP	260	95.3	87.5	116.9	107.8	1461	422	0	73	136	2093	525	456	6062	273	1202	337	10948
208 CNTR DIS FIELD CROP	331	109.7	75.3	125.6	110.7	1630	319	0	157	364	2470	304	131	7320	373	712	604	11914
209 CNTR WEEDS FLD CROP	137	53.6	56.8	48.0	73.1	906	159	0	42	140	1247	131	119	4158	325	820	289	7090
210 CNTR PESTS ANIMALS	49	19.1	18.8	23.0	14.5	192	25	0	112	188	517	253	155	1130	48	168	94	2364
211 CNTR DIS ANIMALS	245	88.3	58.5	144.3	63.9	1072	133	0	592	1432	3230	720	156	6256	611	691	152	11814
212 CNTR INTR PARASITE	51	14.4	7.2	14.8	23.2	212	0	0	237	120	570	15	27	1206	107	260	10	2195
213 PROT ANIMALS FROM TOX	40	12.4	12.8	26.3	7.5	89	59	0	62	192	402	117	205	874	34	124	17	1773
214 PROTECT FROM POLLUT	60	15.3	15.7	30.4	18.8	87	22	3	78	71	260	24	630	862	11	230	53	2287
SUBTOTAL	1779	591.8	436.9	776.7	683.3	7489	1423	432	1579	2782	13704	3208	3009	41537	2200	4805	2020	70483
SERIES 300																		
301 GENET BREED FORST T	53	18.3	25.5	32.0	25.4	35	45	539	0	0	620	49	23	1229	33	488	78	2519
302 IMP FOREST ENG SYS	11	5.1	4.6	6.1	4.1	0	0	93	0	0	93	38	159	315	15	118	14	751
303 ECON TIMBER PRODUCT	22	8.4	3.5	5.9	3.6	0	0	197	0	0	197	126	1	414	2	52	3	795
304 IMP BIO EFF PRT & V	404	138.1	58.9	181.2	286.6	1603	246	0	161	1061	3071	93	185	12210	607	419	219	16805
305 NECR PROD PRT & VEG	62	12.6	5.4	17.4	13.8	198	1	0	0	13	211	15	8	1138	25	73	72	1543
306 PROD NGMT SYS P & V	42	10.4	5.4	13.8	14.5	108	16	0	3	21	148	38	8	856	59	26	9	1145
307 IMP BIO EFF FLD CRP	697	294.2	185.1	377.5	568.3	4176	764	0	367	1201	6507	575	1061	26072	2625	1215	2473	40529
308 NECR PROD FIELD CRO	50	17.5	15.4	15.0	23.5	386	25	0	0	0	411	66	19	1313	173	120	63	2164
309 PROD NGMT SYS FLD C	146	41.2	30.4	36.9	56.9	706	133	0	3	13	855	80	90	3778	481	214	103	5601
310 ANIMAL REPRODUCTION	178	79.7	62.2	128.4	158.0	1435	633	0	42	596	2696	32	2246	7367	1425	338	131	14236
311 IMP BIO EFF ANML PR	507	184.4	126.3	313.1	420.1	4181	975	0	549	1541	7246	254	265	23539	5421	1332	788	38845
312 ENV STRESS IN ANML	72	19.6	8.3	21.7	24.6	301	118	0	84	0	503	44	41	1670	264	30	35	2587
313 PROD NGMT SYS ANML	127	30.6	24.3	26.2	74.7	542	69	0	47	376	1033	34	7	2765	930	34	22	4826
314 BEES OTH POLLUTING I	8	3.0	2.7	5.9	1.4	23	0	0	0	21	44	24	10	133	0	46	3	261
315 IMP STRUC FARM SUPP	38	12.7	6.3	11.4	8.7	91	2	12	82	6	193	0	46	1071	26	26	28	1391
316 FARM BUSINESS NGMT	69	23.8	15.4	10.3	19.0	388	60	0	22	178	648	125	14	832	20	21	32	1692
317 NECH/STRUCTS ANML P	39	9.2	5.4	10.5	12.5	69	28	0	16	0	112	17	58	774	33	32	24	1050
318 NON-COM BIO TECH/BI	234	103.6	94.6	146.3	59.7	956	34	3	193	128	1314	146	2069	6489	168	573	534	11293
SUBTOTAL	2759	1012.2	679.7	1359.7	1775.6	15201	3137	843	1568	5154	25903	1754	6312	91965	12306	5158	4634	148032
SERIES 400																		
401 NEW IMP FOREST PROD	49	28.2	23.9	52.7	22.7	9	0	441	70	0	520	267	325	2169	27	364	76	3748
402 PROD P & V IMP ACCE	110	25.1	14.8	21.8	33.8	253	48	0	59	85	445	6	0	1796	73	39	23	2383
403 NEW & IMP P&V PROD	58	24.6	10.7	25.8	32.8	480	99	0	0	32	610	0	8	1737	57	28	72	2511
404 HKT QUAL FRST & VEG	38	8.6	2.7	15.9	7.9	145	26	0	0	0	171	0	5	745	3	41	1	965
405 PROD FLD CROP IMP A	110	28.8	32.1	38.5	36.3	547	34	0	101	28	711	58	0	2324	249	143	60	3545
406 NEW IMP FOOD FLD CR	45	11.2	8.9	16.6	23.7	231	14	0	8	145	397	6	44	951	34	57	32	1520
407 NEW IMP NON-FOOD FC	21	8.3	3.1	5.8	17.6	197	0	0	0	67	265	7	10	457	31	2	96	867
408 HKT QUAL FIELD CROP	32	8.8	4.1	7.5	8.3	104	32	0	0	0	136	1	6	423	28	35	14	642
409 PROD ANML PR IMP AC	72	16.4	19.7	22.2	29.1	345	180	0	205	635	1366	32	55	1339	210	105	22	3128
410 IMP MEAT MILK EGG P	96	29.3	30.2	33.0	31.8	599	109	0	0	53	762	36	89	2614	597	63	129	4288
411 IMP NON-FOOD ANML P	9	2.1	5.4	2.2	1.5	26	20	0	0	69	115	103	10	79	1	4	0	313
412 HKT QUAL ANIMAL PRO	44	12.5	6.5	14.4	8.9	212	62	0	8	89	370	41	3	903	38	62	3	1420
SUBTOTAL	684	203.9	162.2	256.2	254.4	3147	625	441	451	1203	5867	558	555	15538	1348	942	526	25332
SERIES 500																		
501 IMP GRADES & STANDS	33	9.6	4.4	10.4	16.7	204	32	0	0	24	260	1	0	644	119	34	19	1076
502 HKTG TIMBER PRODUCT	13	2.2	0.7	3.5	1.4	16	42	33	22	0	112	31	0	114	2	10	0	270
503 HKTG EFF AGRIC PRODS	73	24.6	10.2	9.0	28.2	273	284	0	50	0	607	76	22	966	22	24	28	1745
506 SPLY DEMAND AND PRI	87	30.5	21.3	9.7	45.1	27												

SARS REGION 2 SOUTHERN REGION

(INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS						RCIN STEN	SP GT	OTH CSRS	TOTAL USDA		OTH STATE		PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROP	TECH	OTHER	NATH	RRP				CSRS	CGCA	FED	APPRO				
SERIES 800																		
801 RURAL HOUSING	21	8.6	3.5	2.5	4.6	69	54	0	78	43	244	0	22	260	5	1	10	541
802 INDIV & FAM DEC MAK	60	14.7	7.8	8.8	8.7	117	120	0	96	402	735	2	28	381	1	5	5	1157
803 RURAL POVERTY	32	13.2	9.9	12.0	14.0	63	30	0	53	758	904	4	5	96	1	1	2	1012
804 ECON POTENT RURAL PE	43	18.3	9.6	6.9	11.1	142	71	0	148	296	657	16	36	403	8	8	25	1152
805 COMMUNICAT RURAL PE	26	10.4	9.4	9.0	8.3	45	5	0	79	364	493	0	1	595	0	11	6	1106
806 ADJUSTMENT TO CHANG	64	18.9	14.8	7.1	14.4	271	146	0	200	85	702	0	2	433	5	145	21	1310
807 AGRIC ECONOMIC CHAN	58	17.1	13.1	10.0	20.2	248	91	0	25	295	660	19	22	769	24	40	18	1550
808 GOV'T PROGRAMS	11	2.9	3.0	2.2	2.7	13	0	0	0	0	13	8	31	131	7	0	6	197
SUBTOTAL	315	104.0	71.0	58.4	84.0	966	519	0	680	2242	4406	49	147	3068	50	211	94	8024
SERIES 900																		
901 ALLEV POLLUTION	159	69.7	77.5	86.6	60.5	579	247	64	317	875	2082	59	742	3690	58	977	176	7783
902 OUTDOOR RECREATION	26	13.9	11.9	8.8	9.8	70	0	85	60	0	216	149	192	541	11	45	37	1191
903 MULTI-USE-FOREST PO	30	6.8	2.0	4.1	4.4	1	0	171	0	0	173	43	21	289	8	53	14	600
904 WILDLIFE AND FISH ECO	206	64.6	91.8	85.7	80.1	419	278	253	297	390	1638	370	1272	3778	439	1116	1061	9674
905 TREES BEAUTIFICATIO	17	4.9	2.0	4.7	5.2	51	0	0	0	0	51	5	230	278	24	53	0	642
906 ORNAMENT & TURF DEV	222	98.7	44.3	108.2	107.2	1359	224	0	1	0	1584	32	20	7072	171	430	161	9470
907 RURAL INCOME IMP	43	9.6	8.5	2.3	16.9	296	22	0	93	26	436	16	12	343	18	12	9	846
908 RURAL INSTITUT IMP	49	15.1	16.9	6.6	13.4	279	16	0	93	339	727	36	34	462	8	21	25	1312
909 UNCLASSIFIED	19	3.5	0.0	0.6	0.6	153	184	2	0	415	754	0	0	0	0	0	0	754
SUBTOTAL	771	286.8	255.0	307.5	298.1	3208	971	575	861	2045	7660	710	2523	16452	738	2706	1483	32272
SCIENCE IN SERV OF MAN	7839		1943.3		3600.3		8724		6897		71568		14490		18160		11176	
GRAND TOTAL		2671.7		3233.2		34843		3814		17291		7644		194423		16399		333859

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			OTHER	BATH	RRP	HCIN STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			SUPPORT PROF	YEARS TECH															
0100 SOIL AND LAND	352	109.4	123.5	86.1	83.7	1427	415	88	37	0	1967	554	1436	6942	745	1283	846	13773	
0200 WATER	198	41.4	44.3	30.0	29.1	498	96	8	4	0	606	124	849	2816	286	207	172	5061	
0300 WATERSHEDS RIVER BAS	28	8.2	12.4	3.1	4.6	74	5	76	0	0	155	56	260	508	10	170	99	1257	
0400 AIR AND CLIMATE	49	13.3	19.8	10.9	20.0	162	179	0	31	0	372	68	341	857	62	146	39	1884	
0500 RECREATION RESOURCES	44	8.9	9.2	5.5	5.2	102	11	51	0	0	163	62	32	392	6	28	136	819	
0600 TIMBER FORST PRODUCT	301	98.3	107.4	65.6	67.2	472	103	1692	26	0	2293	587	1032	5456	303	979	919	11569	
0700 RANGE	47	15.3	10.7	8.6	5.7	230	14	0	8	67	319	35	9	895	188	34	26	1505	
0800 WILDLIFE AND FISH	105	25.6	46.2	13.5	18.9	275	7	50	0	32	363	74	988	1494	70	363	311	3665	
0900 CITRUS SUB TROP PROT	1	0.1	0.3	0.0	0.0	3	0	0	0	0	3	0	3	5	1	0	0	12	
1000 FRUIT NUTS DECIDUOUS	146	41.2	42.4	47.1	27.7	818	90	0	87	0	996	41	108	3506	273	312	127	5363	
1100 POTATOES	75	20.4	21.8	20.3	13.9	371	194	0	1	0	566	49	76	1527	50	293	49	2610	
1200 VEGETABLES	243	62.2	66.3	66.5	50.1	1423	187	0	48	148	1805	190	272	4720	124	664	160	7935	
1300 ORNAMENTALS TURF	115	38.6	32.0	44.1	34.6	698	19	0	0	0	717	60	17	2979	108	317	192	4390	
1400 CORN	476	115.7	149.3	135.4	125.4	2209	608	0	219	126	3162	806	1449	8044	931	1501	435	16328	
1500 GRAIN SORGHUM	142	24.0	36.8	23.6	17.3	227	56	0	1	0	284	632	241	1508	337	435	52	3489	
1600 RICE	10	4.1	3.0	4.0	5.0	3	2	0	0	0	6	0	7	454	1	2	1	471	
1700 WHEAT	285	75.5	90.3	77.8	52.5	1020	286	0	116	0	1422	421	283	5075	706	1162	282	9351	
1800 OTHER SMALL GRAINS	154	32.6	33.2	34.0	24.8	576	33	0	32	0	642	148	92	2525	148	619	342	4515	
1900 PASTURE	27	2.9	3.0	7.0	5.5	86	40	0	8	0	134	12	11	323	40	50	8	579	
2000 FORAGE CROPS	229	53.5	71.3	54.9	50.9	996	635	0	40	0	1671	435	221	4146	554	681	145	7853	
2100 COTTON	6	0.5	1.4	1.1	0.8	67	0	0	0	0	67	42	2	125	22	0	36	294	
2200 COTTONSEED	1	0.1	0.1	0.0	0.0	2	0	0	0	0	2	0	0	2	0	0	0	4	
2300 SOYBEANS	350	82.7	118.6	73.5	85.4	1345	288	0	398	113	2144	374	494	5284	514	1584	324	10718	
2400 PEANUTS	3	0.2	0.2	0.0	0.0	2	0	0	0	0	2	0	15	8	0	1	0	25	
2500 OTHER OILSEED CROPS	72	14.9	10.6	10.2	4.7	162	16	0	16	0	194	37	108	979	89	69	68	1544	
2600 TOBACCO	7	1.7	1.9	0.8	0.8	31	0	0	0	0	31	2	7	138	1	9	0	187	
2700 SUGAR CROPS	30	4.3	3.4	5.8	1.1	51	15	0	0	0	66	15	6	579	22	76	6	770	
2800 MISC NEW CROPS	34	7.4	6.9	4.8	7.9	106	49	0	1	0	156	9	9	470	22	95	61	821	
2900 POULTRY	182	51.6	60.5	73.9	74.9	1312	494	0	161	109	2077	126	322	4134	496	313	60	7528	
3000 BEEF CATTLE	389	109.8	166.7	256.3	242.4	2189	812	0	336	641	3978	638	382	10269	9176	1171	81	25695	
3100 DAIRY CATTLE	384	100.0	137.6	128.7	141.0	2011	775	0	440	576	3803	305	927	9564	2070	1409	263	18340	
3200 SWINE	280	82.4	105.4	121.1	151.2	1956	619	0	439	569	3583	315	309	7127	3082	767	1868	17051	
3300 SHEEP AND WOOL	96	20.6	21.0	26.8	36.0	348	161	0	8	308	825	10	67	2562	778	79	11	4331	
3400 OTHER ANIMALS	104	24.6	36.1	15.0	22.1	430	22	0	17	212	680	41	585	1571	292	165	44	3378	
3500 BEES AND HONEY	6	2.3	0.9	0.4	1.3	12	0	0	0	0	12	50	3	124	0	0	14	203	
3600 FARM SUPP & FACILITS	50	11.3	14.4	6.8	7.4	215	32	0	7	0	253	19	129	828	382	29	60	1700	
3700 CLOTHING & TEXTILES	23	8.2	6.4	1.7	3.6	122	20	0	0	0	143	1	0	372	0	6	21	543	
3800 FOOD	159	41.8	72.9	39.3	30.2	808	202	0	0	0	1010	242	1120	2621	143	738	405	6278	
3900 HOUSING & EQUIP	70	14.1	13.0	7.4	10.9	217	42	2	112	0	373	51	146	894	42	51	153	1710	
4000 PEOPLE AS INDIVIDUAL	160	34.5	50.1	21.3	21.9	499	81	0	11	96	686	27	783	2259	38	212	89	4095	
4100 FAMILY MEMBERS	101	23.9	28.6	5.7	10.9	289	156	0	0	97	542	8	4	1481	23	39	39	2138	
4200 FARM AS BUSINESS	73	18.3	28.9	6.3	24.0	429	65	0	0	0	494	151	17	1310	45	57	29	2103	
4300 SOC POLIT ORGANIZ	129	35.1	62.0	10.6	34.1	691	94	12	62	0	860	221	110	2013	122	135	542	4002	
4400 AGRIC ECONOMY U S	56	13.0	20.4	2.6	13.6	228	65	0	31	0	325	227	19	961	11	6	40	1588	
4500 AGRIC ECONOMY FORGN	16	3.5	4.2	0.3	1.8	28	0	0	0	0	28	259	3	177	2	1	2	472	
4600 FARM COOPERATIVES	17	3.6	3.3	1.4	1.6	63	26	0	0	0	88	44	1	156	3	1	4	297	
4700 OTH MARKET PROCESS	16	3.3	3.6	1.3	1.6	32	18	0	0	0	50	64	0	188	0	1	10	312	
4800 MARKETING SYSTEMS	50	12.9	11.9	4.5	12.8	186	175	0	21	0	382	158	18	575	13	13	47	1206	
6100 WEEDS	11	4.2	1.6	5.0	5.3	37	10	0	0	0	47	14	26	202	3	18	14	323	
6200 SEED RESEARCH	8	4.2	6.7	4.9	8.6	25	0	0	0	0	25	0	96	203	414	20	3	762	
6300 BIO CELL SYSTEMS	98	37.3	72.4	36.7	23.2	521	28	0	0	4	553	89	2119	2391	28	280	93	5554	
6400 EXP DESIGN/STAT METH	30	10.1	10.9	4.4	2.7	121	3	0	0	0	124	653	211	649	6	16	31	1689	
6500 INVERTEBRATES	52	18.3	17.4	7.9	9.3	285	6	8	0	7	305	38	355	1046	27	22	116	1909	
6600 MICROORGANISMS, VIRUS	82	28.0	41.2	17.1	14.3	435	17	0	9	0	460	87	1499	1511	11	182	73	3824	
6700 PLANTS	208	62.1	65.0	55.7	73.9	909	150	0	946	0	2005	46	820	5012	1079	298	535	9796	
6800 ANIMALS(VERTEBRATES)	169	52.9	51.1	67.7	41.7	696	144	0	137	115	1092	118	1670	3367	455	268	175	7146	
6900 RESEARCH ON RSCH MGN	14	3.4	2.7	0.5	2.5	57	26	0	0	0	83	28	5	160	0	3	3	282	
7000 RSCH EQUIP & TECHNOL	32	8.7	3.9	6.0	5.6	107	30	1	0	0	139	92	458	361	12	45	20	1126	
9900 UNCLASSIFIED	11	0.4	27.0	0.5	0.0	715	154	6	0	0	875	348	0	28	45	0	3	1300	
TOTAL	6606		2213.9		1773.3	7776		1993	3808	3221	46204	20569	9303	125874	24413	17427	9683	253474	

SARS REGION 3 NORTH CENTRAL REGION (INCLUDES SARS-FORESTRY SCB-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS			OTHER	HATH	RRP	MCIN STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROP	TECH														
SERIES 100																		
101 APPRAIS OF SOIL RES	69	29.5	31.1	18.8	14.0	238	87	13	0	0	338	35	434	1538	197	669	142	3353
102 SOIL PLNT WTR NUTRI	214	63.9	65.7	56.2	46.9	950	140	170	55	0	1314	569	504	4596	651	431	424	8489
103 HGHT OF SALINE SOIL	7	1.2	1.3	0.3	0.3	7	0	0	0	0	7	0	14	73	4	0	2	99
104 ALTERN USE OF LAND	59	14.4	13.7	9.5	11.5	192	61	32	7	0	293	52	183	858	16	76	143	1621
105 CONSERV USE OF WATE	73	18.9	12.8	19.3	18.5	180	8	8	8	0	204	105	225	1232	233	39	75	2114
106 DRAIN AND IRRIGATIO	41	7.7	6.5	7.6	4.7	143	3	0	0	0	147	36	94	787	121	33	44	1262
107 WATERSHED PROT & MG	40	12.1	21.3	8.1	13.8	170	17	53	0	0	240	71	398	778	31	46	117	1681
108 ECON LEG PROB OF WA	14	4.8	5.5	1.6	4.0	39	0	0	0	0	39	12	117	225	0	7	2	403
109 WEATHER ADAPT & MOD	47	13.6	22.9	10.5	25.4	184	177	0	4	0	366	126	389	952	104	41	46	2024
110 APPRAIS FORST & RAN	34	7.5	8.4	4.1	2.4	26	0	156	0	0	183	74	194	447	4	43	128	1072
111 BIOL CULT HGHT FORS	98	29.8	34.1	23.2	25.8	71	33	526	0	0	629	159	213	1852	219	135	246	3454
112 IMPROV RANGE RESOR	29	11.3	7.7	6.3	4.2	153	14	0	8	67	242	13	1	650	171	11	24	1113
113 REMOTE SENSING	13	2.3	2.7	2.8	1.0	4	0	25	0	0	29	96	148	141	2	9	9	434
114 RSCH ON HGHT OF RSC	14	3.4	2.7	0.5	2.5	57	26	0	0	0	83	28	5	160	0	3	3	282
SUBTOTAL	752	220.4	236.5	168.7	175.0	2415	565	984	83	67	4114	1374	2920	14290	1753	1544	1405	27401
SERIES 200																		
201 CNTRL FORST INSECTS	31	6.0	12.2	1.9	1.8	76	1	94	3	0	175	28	201	364	7	5	38	817
202 CONTROL FOREST DIS	33	6.0	9.7	3.3	2.9	52	3	105	2	0	161	5	10	391	4	22	133	726
203 FOREST FIRE PROTECT	2	0.2	0.1	0.0	0.0	0	0	0	0	0	0	1	0	12	0	2	0	16
204 CNTR PESTS FRT & VEG	54	13.2	13.9	12.3	8.8	274	1	0	30	0	305	23	59	931	23	214	37	1593
205 CNTR DISE FRT & VEG	120	29.0	30.2	21.1	18.5	662	87	0	92	0	841	82	116	2024	69	318	42	3492
206 CNTR WEEDS FRT & VEG	25	6.2	7.3	4.3	7.3	101	3	0	3	0	108	8	9	503	34	116	43	820
207 CNTR PESTS FLD CROP	144	42.6	60.0	44.3	49.3	778	269	0	17	0	1064	229	599	2807	166	475	104	5443
208 CNTR DIS FIELD CROP	233	70.2	68.9	61.6	51.0	1342	324	0	279	0	1945	186	359	4508	139	734	154	8024
209 CNTR WEEDS FLD CROP	95	24.5	36.6	32.8	30.0	468	54	0	19	0	542	235	153	2197	390	449	181	4146
210 CONTER PESTS ANIMALS	43	8.8	10.9	6.2	13.9	137	36	0	174	42	389	48	23	501	157	72	11	1201
211 CONTER DIS ANIMALS	295	75.3	66.7	129.6	65.1	861	527	0	811	1301	3500	381	435	6452	820	309	122	12017
212 CNTR INTR PARASITE	22	5.0	5.4	12.7	3.7	72	21	0	28	64	185	0	5	443	42	73	22	770
213 PROT ANMLS FROM TOX	41	11.0	10.3	9.2	8.1	130	36	0	58	94	317	34	135	618	358	102	14	1579
214 PROTECT FROM POLLUT	48	7.9	11.7	7.0	3.5	127	8	46	0	9	190	17	108	483	5	135	25	963
SUBTOTAL	1186	306.0	343.7	346.2	263.9	5079	1371	245	1516	1509	9721	1277	2213	22232	2214	3025	925	41607
SERIES 300																		
301 GENET BREED FORST T	36	9.2	7.0	10.3	4.5	30	50	229	0	0	310	29	58	524	9	10	100	1040
302 IMP FOREST ENG SYS	5	1.5	0.4	0.3	1.2	7	0	13	7	0	27	30	0	89	2	9	16	173
303 ECON TIMBER PRODUCT	14	2.4	2.4	0.6	2.2	6	0	47	14	0	66	52	36	155	3	11	53	377
304 IMP BIO EFF FRT & V	173	51.0	58.2	62.1	50.1	956	258	0	4	148	1366	101	220	4373	389	410	116	6976
305 HECH PROD FRT & VEG	20	4.5	1.5	5.5	2.1	117	3	0	0	0	120	4	0	348	3	11	21	506
306 PROD HGMT SYS F & V	22	2.7	1.3	3.5	1.7	58	4	0	0	0	62	0	3	245	19	34	3	367
307 IMP BIO EFF FLD CRP	482	192.9	243.9	212.5	187.8	2748	602	0	273	113	3735	1623	1363	14564	2334	3769	1142	28530
308 HECH PROD FIELD CRO	32	7.3	5.9	10.6	7.8	128	43	0	27	0	198	4	7	607	83	62	42	1004
309 PROD HGMT SYS FLD C	91	17.9	19.4	18.5	22.6	352	61	0	0	0	413	58	92	1748	382	130	58	2882
310 ANIMAL REPRODUCTION	167	54.5	79.7	67.8	94.0	1147	444	0	109	624	2323	125	634	5138	1006	253	52	9532
311 IMP BIO EFF ANHL PR	383	159.7	236.1	343.6	352.0	3749	1158	0	143	214	5264	685	995	16256	10897	2610	1953	38660
312 ENY STRESS IN ANHL	48	10.5	18.0	22.8	19.8	237	34	0	9	24	304	64	0	1033	800	20	77	2298
313 PROD HGMT SYS ANHL	88	16.9	19.7	21.8	46.4	356	206	0	47	0	608	21	4	2137	1081	105	17	3973
314 BEES OTH POLLUTNG I	6	2.3	0.9	0.4	1.3	12	0	0	0	0	12	50	3	124	0	0	14	203
315 IMP STRUC FARM SUPP	61	14.4	13.8	7.1	8.3	212	24	0	136	0	372	107	247	1029	395	36	101	2286
316 FARM BUSINESS HGMT	53	13.1	22.0	5.7	19.0	297	22	0	0	0	318	140	13	985	44	53	21	1574
317 HECH/STRUCTS ANHL P	23	4.5	4.9	3.4	4.6	99	19	0	1	0	119	4	14	315	37	2	100	591
318 NON-COB BIO TECH/BI	303	133.4	172.7	105.7	81.3	1761	152	0	72	4	1988	182	6374	7445	427	753	416	17586
SUBTOTAL	2007	698.9	907.8	902.1	906.6	12272	3078	289	840	1127	17606	3281	10064	57116	17911	8277	4303	118558
SERIES 400																		
401 NEW IMP FOREST PROD	33	19.5	13.9	8.2	18.0	124	9	197	0	0	330	120	94	737	23	674	73	2052
402 PROD F & V IMP ACCE	46	10.5	7.8	9.4	6.3	166	29	0	0	0	196	0	34	716	18	83	31	1078
403 HECH & IMP F&V PROD	34	7.1	6.8	9.7	5.9	229	25	0	7	0	261	8	48	535	19	46	53	971
404 HKT QUAL FRTS & VEG	26	5.4	7.1	6.5	3.5	114	58	0	0	0	178	27	87	412	12	53	26	797
405 PROD FLD CROP IMP A	98	30.4	32.6	36.5	26.0	526	191	0	0	0	717	193	309	2302	203	337	121	4162
406 NEW IMP FOOD FLD CR	65	19.5	38.4	17.0	10.5	299	110	0	14	0	423	32	186	1170	193	72	276	2352
407 NEW IMP NON-FOOD FC	38	8.6	17.7	5.1	6.1	151	10	0	36	126	323	0	114	589	137	60	53	1275
408 HKT QUAL FIELD CROP	51	9.0	11.0	6.6	5.6	201	55	0	58	0	315	122	35	634	34	116	54	1310
409 PROD ANHL PR IMP AC	56	11.8	24.0	10.2	32.1	548	138	0	29	0	716	24	56	983	682	66	21	2549
410 IMP HEAT MILK EGG P	86	26.9	37.3	25.9	24.1	634	120	0	0	0	754	13	112	1599	345	215	91	3129
411 IMP NON-FOOD ANHL P	10	2.7	2.2	2.1	2.9	17	57	0	30	0	104	1	6	148	0	0	2	261
412 HKT QUAL ANIMAL PRO	34	7.5	12.7	4.6	6.0	203	39	0	9	0	251	4	17	472	27	90	24	884
SUBTOTAL	577	158.9	211.5	141.7	147.0	3213	841	197	191	126	4568	545	1099	10297	1694	1812	826	20841
SERIES 500																		
501 IMP GRADES & STANDS	12	4.3	4.0	4.7	9.9	31	31	0	0	0	62	16	0	204	3	116	24	424
502 HKTG TIMBER PRODUCT	6	1.7	0.8	0.7	0.3	1	0	24	0	0	25	2	0	75	2	0	28	133
503 HKTG EFF AGRI PRODS	67	15.2	18.3	4.9	12.8	239	136	0	53	0	428	112	179	725	2	77	50	1574
506 SPLY DEMAND AND PRI	36	8.1	19.8	1.1	13.2	238	34	0	0	0	272	160	0	634	32	12	23	1132
507 CONP REL IN AGRIC	22	5.4</																

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS					NCIF STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL	
		SYS	PROF	TECH	OTHER	HATH												
SERIES 800																		
801 RURAL HOUSING	15	2.3	2.3	1.8	1.1	25	26	0	0	0	51	0	22	167	7	0	0	248
802 INDIV & FAN DEC MAK	64	14.9	15.7	4.0	4.8	194	69	0	0	0	263	7	52	840	18	28	30	1238
803 RURAL POVERTY	5	1.4	1.9	1.1	0.5	51	0	0	0	0	51	0	0	69	4	8	7	138
804 ECON POTENT RURL PE	27	6.2	7.6	2.1	4.9	79	5	0	0	96	180	4	0	337	8	2	1	532
805 COMMUNICAT RURAL PE	39	11.3	8.8	1.4	8.6	92	29	0	0	0	121	0	15	1010	14	14	10	1184
806 ADJUSTMENT TO CHANG	60	15.4	20.6	2.4	8.4	217	53	0	0	0	270	9	98	951	3	35	32	1398
807 AGRIC ECONOMIC CHAW	61	14.0	18.8	3.2	11.9	263	103	0	31	0	398	82	21	934	32	26	156	1649
808 GOV'T PROGRAMS	26	3.1	7.6	1.0	3.2	70	42	0	0	0	111	16	12	237	0	3	7	388
SUBTOTAL	297	68.5	83.2	17.0	43.3	991	327	0	31	96	1445	120	220	4545	86	115	243	6775
SERIES 900																		
901 ALLEY POLLUTION	141	31.1	52.0	24.6	21.4	425	310	15	52	0	801	50	794	2168	67	592	261	4733
902 OUTDOOR RECREATION	44	9.8	10.3	6.1	6.4	133	13	50	0	0	196	60	32	405	7	27	101	829
903 MULTI-USE-FOREST PO	15	3.5	4.5	1.2	0.8	4	0	41	0	0	45	47	2	201	10	4	111	419
904 WLDLPE AND FISH ECO	93	23.0	39.6	13.7	18.2	234	7	48	0	32	321	73	911	1365	78	304	273	3326
905 TREES BEAUTIFICATIO	38	7.2	6.2	6.5	4.4	100	7	65	0	0	172	6	0	472	14	18	70	752
906 ORNAMENT & TURF DEV	109	38.0	31.6	43.4	34.2	687	19	0	0	0	706	60	17	2935	112	316	183	4328
907 RURAL INCOME IMP	31	6.2	12.1	3.7	8.4	193	8	0	12	0	212	81	28	455	12	2	134	923
908 RURAL INSTITUT IHP	69	19.4	31.1	4.9	16.1	333	80	0	51	0	464	121	63	1083	81	99	267	2177
909 UNCLASSIFIED	11	0.4	27.0	0.5	0.0	715	154	6	0	0	875	348	0	28	45	0	3	1300
SUBTOTAL	551	138.7	214.4	104.8	109.9	2825	597	224	114	32	3792	846	1846	9111	425	1362	1403	18785
SCIENCE IN SERV OF MAN	5995		2213.9		1773.3		7776		3808		46204		20569		24414		9683	
GRAND TOTAL		1746.9		1771.6		29407		1993		3221		9303		125875		17427		253475

SARS REGION 4 WESTERN REGION

(INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT SYS	STAFF		OTHER	HATH	RRF	HCIN STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -BR	TOTAL
			PROF	TECH														
0100 SOIL AND LAND	323	118.6	119.6	69.7	73.8	788	509	83	370	7	1757	796	1902	6783	435	992	778	13839
0200 WATER	200	79.1	79.5	53.7	66.3	431	320	45	0	45	841	1076	1763	4333	156	549	859	9579
0300 WATERSHEDS RIVER BAS	48	13.3	9.5	9.3	9.8	19	0	56	9	0	84	176	383	564	23	65	271	1567
0400 AIR AND CLIMATE	41	29.6	24.9	33.8	13.1	86	114	5	0	0	205	204	2690	1200	285	130	136	4850
0500 RECREATION RESOURCES	59	15.4	9.3	5.8	8.5	34	38	64	0	0	135	182	504	643	83	10	61	1619
0600 TIMBER FORST PRODUCT	443	186.0	183.9	69.1	119.0	164	130	1820	44	0	2158	2832	2862	8998	497	1687	937	19971
0700 RANGE	182	50.9	43.7	26.0	43.3	380	99	150	30	0	659	478	959	2860	303	190	190	5639
0800 WILDLIFE AND FISH	210	65.4	93.0	39.8	43.3	231	5	176	54	59	525	855	2657	3739	146	613	419	8953
0900 CITRUS SUB TROP PROT	147	52.8	66.5	19.1	59.3	414	83	0	0	0	496	107	315	6374	1	237	68	7597
1000 FRUIT NUTS DECIDUOUS	287	101.5	126.5	90.2	92.3	1019	523	0	73	0	1616	200	262	10228	647	1293	402	14648
1100 POTATOES	100	27.5	23.4	26.2	18.7	327	40	0	24	0	391	232	212	1946	183	392	301	3658
1200 VEGETABLES	374	108.3	122.9	81.8	125.7	1129	451	0	190	0	1769	528	615	10049	457	832	409	14660
1300 ORNAMENTALS TURF	148	45.2	40.8	25.0	45.5	515	14	0	2	0	531	64	135	3834	92	290	153	5099
1400 CORN	57	11.6	17.8	6.1	12.5	130	1	0	0	0	131	21	164	1126	23	45	26	1536
1500 GRAIN SORGHUM	28	4.3	5.7	2.2	3.1	42	16	0	0	0	58	4	25	404	12	24	32	560
1600 RICE	20	4.9	13.9	5.3	4.3	26	0	0	3	0	30	24	43	606	0	68	10	781
1700 WHEAT	189	45.3	49.6	46.2	53.2	508	215	0	291	0	1013	227	281	3064	372	648	560	6165
1800 OTHER SHALL GRAINS	146	27.4	32.7	30.8	33.4	369	163	0	66	0	597	182	301	2202	226	346	206	4060
1900 PASTURE	26	3.1	3.1	1.7	3.4	47	5	0	0	0	51	7	53	393	11	17	18	550
2000 FORAGE CROPS	230	59.9	63.4	63.8	52.2	757	368	0	10	0	1134	331	909	4675	208	356	255	7868
2100 COTTON	87	35.1	37.8	21.7	36.8	280	105	0	7	0	392	78	120	2972	14	700	3	4280
2200 COTTONSEED	4	1.7	0.2	3.4	1.7	3	28	0	0	0	30	44	6	98	6	72	0	257
2300 SOYBEANS	25	4.0	10.2	3.8	2.7	26	17	0	39	0	82	33	223	292	19	39	7	694
2400 PEANUTS	8	2.0	0.4	0.7	0.5	1	0	0	6	0	7	26	9	66	0	11	0	119
2500 OTHER OILSEED CROPS	47	12.1	12.0	13.2	15.1	95	53	0	54	12	213	124	235	1051	54	202	62	1940
2700 SUGAR CROPS	64	13.0	9.2	6.7	14.6	121	15	0	9	0	145	158	33	1014	49	107	87	1594
2800 MISC NEW CROPS	71	15.0	13.4	18.3	19.9	179	78	0	11	340	606	118	109	1112	108	436	99	2587
2900 POULTRY	93	26.2	26.3	32.5	36.3	373	90	0	40	42	545	31	75	2512	226	219	167	3776
3000 BEEF CATTLE	316	111.4	115.3	119.1	157.3	1478	1323	0	513	488	3802	726	1933	8475	2306	367	493	18102
3100 DAIRY CATTLE	180	40.0	38.8	44.1	53.2	594	370	0	505	213	1683	244	92	4043	1067	279	528	7936
3200 SWINE	55	9.8	8.9	7.3	20.7	138	11	0	39	53	242	55	132	852	597	37	103	2018
3300 SHEEP AND WOOL	118	29.9	20.7	21.6	23.0	336	224	0	109	185	854	248	327	2073	360	132	184	4177
3400 OTHER ANIMALS	69	16.4	22.3	14.5	12.4	130	27	0	1	60	219	115	575	1278	120	133	61	2500
3500 BEES AND HONEY	23	9.0	10.3	3.7	3.0	96	0	0	8	0	103	77	14	537	24	146	28	930
3600 FARM SUPP & FACILITS	12	2.2	0.8	1.4	1.2	89	0	0	0	0	89	0	41	228	8	10	54	430
3700 CLOTHING & TEXTILES	15	3.3	3.2	0.5	0.6	26	0	0	0	0	26	0	33	204	0	0	0	264
3800 FOOD	101	34.9	31.8	14.1	23.7	224	278	0	424	0	927	258	977	2247	61	152	38	4660
3900 HOUSING & EQUIP	46	8.9	4.4	3.2	7.0	64	24	34	26	0	148	31	140	444	18	49	57	926
4000 PEOPLE AS INDIVIDUAL	149	40.9	54.5	41.8	28.2	222	185	19	34	7	467	494	1699	2608	126	239	319	5951
4100 FAMILY MEMBERS	52	10.6	6.9	1.8	4.5	62	181	0	12	0	256	1	82	556	18	5	81	998
4200 FARM AS BUSINESS	31	16.4	10.4	2.1	7.7	126	79	0	0	0	205	59	127	596	115	22	18	1142
4300 SOC POLIT ORGANIZ	75	19.1	10.1	8.3	11.1	188	74	0	25	12	298	15	78	1023	62	100	114	1690
4400 AGRIC ECONOMY U S	27	14.7	9.8	4.4	10.6	74	34	0	0	0	107	138	111	589	306	40	70	1362
4500 AGRIC ECONOMY FORGN	10	2.6	3.4	1.6	2.4	17	5	0	0	0	22	61	50	248	0	9	0	390
4600 FARM COOPERATIVES	6	0.8	0.2	0.1	0.5	4	1	0	0	0	5	5	0	38	2	3	0	53
4700 OTH MARKET PROCESS	5	0.5	0.7	0.0	0.3	14	3	0	9	0	26	0	0	24	1	0	0	51
4800 MARKETING SYSTEMS	10	3.0	1.2	1.0	3.3	19	0	0	8	0	27	9	19	207	12	22	14	310
6100 WEEDS	18	1.8	2.3	3.6	1.3	36	0	0	1	0	36	117	15	149	19	11	16	362
6200 SEED RESEARCH	13	2.3	1.9	1.2	2.1	16	0	0	0	0	16	49	56	162	6	3	1	292
6300 BIO CELL SYSTEMS	56	22.7	36.8	13.1	15.6	131	25	0	0	0	157	79	1318	1581	35	67	50	3287
6400 EXP DESIGN/STAT METH	23	5.4	8.2	3.9	7.0	47	0	0	0	0	47	44	15	704	45	9	34	898
6500 INVERTEBRATES	116	42.5	75.8	25.1	28.1	277	46	0	1	1	324	86	1773	3485	40	158	26	5891
6600 MICROORGANISMS, VIRUS	65	17.2	21.2	7.1	13.9	83	29	0	1	0	112	95	1055	1370	11	14	10	2667
6700 PLANTS	266	81.2	132.1	44.0	65.9	673	201	26	314	10	1222	443	1888	6949	378	672	290	11842
6800 ANIMALS (VERTEBRATES)	117	69.0	83.1	70.2	46.1	176	83	0	35	116	411	166	4388	3946	587	472	817	10788
6900 RESEARCH ON RSCH NGR	12	4.5	2.0	1.7	1.6	53	0	0	0	0	54	22	55	202	0	4	165	502
7000 RSCH EQUIP & TECHNOL	32	10.6	6.7	8.7	7.1	28	11	13	0	0	52	140	313	586	82	212	26	1412
9900 UNCLASSIFIED	15	0.3	1.8	1.6	5.8	178	146	19	0	34	378	0	0	58	0	0	0	436
TOTAL	5690	1790.6	1964.6	1276.1	1573.0	14091	6839	2510	3397	1684	28520	12913	35149	11041	10112	13939	240312	

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF							MCIN STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -BR	TOTAL
		SYS	SUPPORT PROF	YEARS TECH	OTHER	HATH	RRP												
SERIES 100																			
101 APPRAIS OF SOIL RES	50	17.3	16.9	13.8	12.6	115	87	7	0	0	209	113	413	942	62	188	233	2081	
102 SOIL PLMT WTR NUTRI	167	55.8	59.3	35.9	33.6	426	195	106	14	7	748	353	908	3705	95	392	356	6557	
103 HGMT OF SALINE SOIL	37	11.1	21.3	9.3	6.8	113	21	0	2	0	136	98	195	939	4	212	37	1621	
104 ALTERN USE OF LAND	62	27.5	24.4	11.4	20.1	172	96	2	0	0	270	259	506	871	184	234	88	2412	
105 CONSERV USE OF WATE	109	39.6	31.4	21.1	24.6	246	112	3	51	17	429	549	571	1835	49	253	287	3974	
106 DRAIN AND IRRIGATIO	51	17.2	11.2	12.4	16.6	64	109	0	0	29	201	284	277	1101	34	20	119	2036	
107 WATERSHED PROT & MG	84	27.4	26.0	13.3	23.5	62	5	129	220	0	416	343	845	1480	67	156	219	3526	
108 ECON LEG PROB OF WA	15	8.8	10.9	6.2	5.3	34	9	0	0	0	43	51	188	352	36	81	371	1122	
109 WEATHER ADAPT & MOD	45	31.2	19.5	36.4	13.0	101	192	5	0	0	297	207	2818	930	343	74	135	4804	
110 APPRAIS FORST & BAN	65	12.9	14.3	7.7	9.4	52	10	96	3	0	161	316	117	684	37	105	69	1489	
111 BIOL CULT HGMT FORS	143	51.3	54.7	21.1	33.0	29	8	542	20	0	599	903	955	2192	220	466	328	5664	
112 IMPROV RANGE RESOR	114	33.2	30.3	18.7	27.9	214	59	125	3	0	402	172	569	2051	209	101	122	3626	
113 REMOTE SENSING	17	6.0	6.4	4.2	5.1	4	2	14	0	0	20	126	162	314	23	12	42	698	
114 RSCH ON HGMT OF RSC	11	4.3	2.0	1.7	1.5	53	0	0	0	0	54	11	55	191	0	4	165	481	
SUBTOTAL	970	343.6	328.6	213.1	233.0	1685	906	1028	313	53	3985	3783	8580	17588	1362	2218	2573	40088	
SERIES 200																			
201 CNTRL FORST INSECTS	69	16.6	16.1	6.5	5.1	20	55	137	17	0	228	345	399	883	17	18	54	1944	
202 CONTROL FOREST DIS	39	10.5	14.7	6.2	6.6	17	32	155	0	0	204	206	71	672	45	48	18	1265	
203 FOREST FIRE PROTECT	7	1.3	1.5	0.4	0.8	3	0	7	0	0	9	13	5	73	0	14	3	117	
204 CNTR PESTS PRT & VE	134	46.0	58.1	34.2	36.9	391	173	0	8	0	572	272	186	4692	238	415	102	6479	
205 CNTR DISE PRT & VEG	208	71.6	90.7	50.6	83.8	597	273	0	32	0	901	242	222	7300	268	673	281	9887	
206 CNTR WEEDS PRT & VE	59	11.9	11.4	13.1	12.2	119	58	0	28	0	204	159	12	1208	63	99	115	1862	
207 CNTR PESTS FLD CROP	124	38.7	47.9	24.6	32.8	448	146	0	28	0	621	349	408	2947	117	314	119	4875	
208 CNTR DIS FELD CROP	142	38.1	60.7	40.5	45.8	383	71	0	69	89	612	145	183	3100	172	570	435	5217	
209 CNTR WEEDS FLD CROP	79	21.9	20.4	15.6	19.3	240	45	0	26	48	359	274	89	1690	52	196	198	2859	
210 CNTR PESTS ANIMALS	25	4.2	7.2	1.7	3.0	67	6	0	0	48	121	6	57	348	0	2	30	563	
211 CNTR DIS ANIMALS	157	91.7	100.0	99.7	59.8	363	237	0	830	845	2275	491	3813	5057	686	545	1006	13873	
212 CNTR INTER PARASITE	26	9.4	3.5	7.1	4.5	101	204	0	122	47	474	41	1	669	47	24	19	1274	
213 PROT ANHLS FROM TOX	32	6.9	13.7	8.4	11.4	29	1	0	158	42	229	53	180	678	82	25	134	1381	
214 PROTECT FROM POLLUT	72	23.6	29.6	11.4	18.3	205	49	0	325	1	580	86	793	1858	169	505	83	4075	
SUBTOTAL	1173	392.2	475.5	319.9	340.1	2982	1348	299	1643	1121	7392	2681	6419	31177	1956	3449	2597	55671	
SERIES 300																			
301 GENET BREED FORST T	31	16.8	12.6	7.3	10.3	0	3	259	7	0	269	290	54	891	8	129	280	1921	
302 IMP FOREST ENG SYS	17	6.6	9.9	1.2	6.7	9	0	20	0	0	29	114	25	387	22	101	28	707	
303 ECON TIMBER PRODUCT	17	6.7	5.5	1.0	2.0	3	0	46	0	0	49	142	325	296	19	52	66	950	
304 IMP BIO EFF PRT & V	291	85.9	98.4	72.2	105.6	841	361	0	129	0	1331	243	684	9025	421	734	468	12905	
305 MECH PROD PRT & VEG	36	7.2	4.3	3.6	6.6	54	35	0	0	0	90	35	12	686	13	56	60	951	
306 PROD HGMT SYS P & V	27	6.5	2.9	2.0	4.4	52	35	0	23	0	110	31	14	384	14	42	4	599	
307 IMP BIO EFF FLD CROP	303	101.3	104.9	93.3	117.1	1051	468	0	153	129	1800	493	1207	8638	619	1269	325	14352	
308 MECH PROD FELD CRO	12	3.8	2.7	7.3	5.0	39	1	0	25	0	65	0	42	209	9	94	19	437	
309 PROD HGMT SYS FLD C	38	9.5	7.4	7.4	8.6	126	13	0	144	95	378	23	137	672	16	119	47	1391	
310 ANIMAL REPRODUCTION	86	29.8	33.8	47.5	44.8	385	587	0	19	98	1089	366	387	2911	1128	159	290	6330	
311 IMP BIO EFF ANML PR	195	71.1	64.4	88.6	140.7	1222	438	0	34	62	1755	68	440	7542	2815	278	609	13507	
312 ENV STRESS IN ANML	39	12.0	6.6	11.6	18.4	40	175	0	10	14	240	72	487	1199	84	54	13	2149	
313 PROD HGMT SYS ANML	46	12.6	12.6	8.7	18.7	139	153	0	0	0	293	115	169	868	191	68	41	1745	
314 BEES OTH POLLNTNG I	23	9.0	10.3	3.7	3.0	94	0	0	8	0	103	77	14	537	24	146	28	930	
315 IMP STRUC FARM SUPP	15	3.2	2.2	2.4	1.4	84	0	0	5	0	89	13	105	290	11	54	79	642	
316 FARM BUSINESS HGMT	17	12.2	6.9	1.7	5.1	74	37	0	0	0	111	56	126	370	108	4	17	791	
317 MECH/STRUCTS ANML P	4	0.5	0.0	0.0	0.4	4	0	0	0	0	4	1	0	31	0	4	0	40	
318 NON-COM BIO TECH/BI	330	123.1	196.3	65.1	88.4	853	72	0	1	0	926	459	5905	9663	410	441	186	17990	
SUBTOTAL	1527	517.9	581.6	424.5	587.3	5073	2376	325	559	398	8731	2598	10134	44599	5911	3804	2560	78336	
SERIES 400																			
401 NEW IMP FOREST PROD	77	38.4	41.8	11.8	25.8	10	0	383	0	0	393	164	234	1948	129	609	6	3484	
402 PROD P & V IMP ACCE	83	17.4	19.5	12.8	23.3	193	44	0	4	0	241	50	153	1977	127	199	47	2793	
403 NEW & IMP P&V PROD	59	17.3	13.7	8.4	13.4	181	22	0	0	0	203	77	66	1343	42	272	105	2108	
404 HKT QDAL PRTS & VEG	59	19.0	32.7	12.4	13.5	264	1	0	9	0	274	21	133	1835	35	350	45	2692	
405 PROD FLD CROP IMP A	46	14.3	14.7	15.1	17.7	199	89	0	9	0	297	86	243	1041	139	157	106	2069	
406 NEW IMP FOOD FLD CR	21	7.3	9.2	4.7	2.9	48	41	0	0	0	89	0	350	368	36	60	31	935	
407 NEW IMP NON-FOOD FLD	14	3.4	6.2	2.4	3.2	20	2	0	0	0	22	19	90	329	0	72	1	532	
408 HKT QDAL FELD CROP	14	2.7	3.0	1.9	2.5	51	6	0	0	0	57	45	0	275	13	26	14	430	
409 PROD ANML PR IMP AC	28	8.0	5.7	9.0	7.0	133	92	0	0	0	226	0	71	516	45	11	18	888	
410 IMP MEAT MILK EGG P	33	11.0	10.4	2.4	4.6	254	13	0	0	0	266	0	31	773	16	108	20	1214	
411 IMP NON-FOOD ANML P	7	2.0	1.2	0.0	1.1	2	0	23	0	0	25	0	4	118	3	1	0	151	
412 HKT QDAL ANIMAL PRO	21	3.4	3.9	1.4	3.9	61	22	0	22	0	105	0	4	233	11	28	17	398	
SUBTOTAL	462	144.3	162.0	82.3	118.7	1417	332	406	43	0	2198	462	1379	10756	595	1893	411	17695	
SERIES 500																			
501 IMP GRADES & STANDS	11	4.1	3.2	2.5	3.1	76	22	0	0	0	98	15	1	196	13	19	10	353	
502 HKTG TIMBER PRODUCT	7	2.5	0.9	0.5	0.9	5	1	15	0	0	21	8	18	77	0	43	5	172	
503 HKTG EFF AGRI PRDGS	37	11.1	3.8	2.2	6.1	138	108	0	59	0	305	43	5	344	18	17	69	800	
506 SPLY DEMAND AND PRI	34	15.0	8.4	3.0	12.4	165	89	0	0	0	255	70	38	601	127	31	71	1193</	

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS						NCIN STEM	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	HATH	RRF											
SERIES 800																		
801 RURAL HOUSING	20	2.2	1.3	0.3	2.1	30	22	0	0	0	52	2	0	121	8	11	5	198
802 INDIV & FAM DEC MAK	47	7.8	8.2	1.5	4.1	52	143	18	12	0	224	2	36	431	17	4	9	722
803 RURAL POVERTY	9	2.7	0.4	0.4	1.3	22	1	0	12	0	36	0	0	74	0	0	0	110
804 ECON POTENT RURL PE	19	4.2	1.6	0.6	1.9	30	25	2	0	0	57	5	19	219	1	4	18	322
805 COMMUNICAT RURAL PE	22	3.7	2.1	1.6	2.2	42	6	0	0	0	48	0	8	222	34	26	124	462
806 ADJUSTMENT TO CHANG	44	10.3	5.3	1.4	4.5	56	104	0	12	0	173	0	108	504	15	54	74	929
807 AGRIC ECONOMIC CHAW	32	14.3	9.0	6.4	10.6	99	65	0	0	0	165	89	54	717	202	80	68	1375
808 GOV'T PROGRAMS	10	2.2	4.6	0.8	3.1	15	18	0	0	0	33	1	30	243	3	12	0	320
SUBTOTAL	203	47.5	32.4	13.1	29.6	347	385	19	37	0	788	98	255	2531	280	190	297	4439
SERIES 900																		
901 ALLEV POLLUTION	125	42.0	53.4	26.8	32.7	253	360	12	157	0	783	207	949	3046	107	660	369	6122
902 OUTDOOR RECREATION	57	15.4	8.9	5.6	8.0	34	38	56	0	0	127	149	502	647	79	8	56	1569
903 MULTI-USE-FOREST PO	33	4.3	5.6	1.6	3.5	5	6	92	0	0	102	96	118	210	5	11	6	548
904 WLDLPE AND FISH ECO	177	57.7	84.5	36.1	38.1	195	1	142	54	58	450	817	2341	3215	141	462	405	7831
905 TREES BEAUTIFICATIO	33	9.8	10.3	5.8	7.5	59	24	34	0	0	117	54	159	717	2	24	15	1087
906 ORNAHENT & TURF DEV	143	43.2	36.0	23.8	44.4	494	14	0	2	0	510	64	58	3655	91	287	152	4818
907 RURAL INCOBE IMP	25	5.0	4.4	1.0	4.3	65	10	0	12	12	100	7	43	304	13	23	33	523
908 RURAL INSTITUT IMP	43	10.5	4.9	3.9	6.0	110	45	0	12	0	168	8	30	547	56	34	67	910
909 UNCLASSIFIED	15	0.3	1.8	1.6	5.8	178	146	19	0	34	378	0	0	58	0	0	0	436
SUBTOTAL	651	188.2	209.8	106.2	150.1	1394	644	356	239	104	2737	1402	4201	12399	495	1508	1102	23843
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	5462	1790.6	1964.6	1276.1	1573.0	14091	6839	2510	3397	1684	28520	35149	128638	11041	13939	10112		240312

**UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTAL SAES**

TABLE IV-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF						HCIN STEM	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		SYS	SUPPORT PROF	YEARS TECH	OTHER	HATH	RRP											
0100 SOIL AND LAND	1100	342.0	364.2	307.4	285.4	4309	1569	244	505	7	6634	1617	3853	22244	1628	3197	2707	41879
0200 WATER	659	182.9	196.0	154.7	161.9	1819	627	116	30	45	2638	1499	2931	11301	628	1418	1580	21996
0300 WATERSHEDS RIVER BAS	125	30.9	29.2	22.7	24.3	224	15	206	17	0	462	207	811	1665	36	261	355	3798
0400 AIR AND CLIMATE	127	47.7	47.6	47.1	37.2	302	373	10	31	0	717	168	3158	2381	378	315	190	7307
0500 RECREATION RESOURCES	125	36.2	29.3	15.6	22.0	270	89	233	0	0	592	304	364	1507	44	67	269	3146
0600 TIMBER FORST PRODUCT	994	369.5	359.5	340.2	287.5	1404	788	6293	200	0	8686	2728	3750	20846	857	3106	1897	41871
0700 RANGE	265	80.3	68.8	51.1	74.3	878	142	86	40	0	1144	522	935	4965	715	472	215	8969
0800 WILDLIFE AND FISH	594	175.8	263.4	180.5	159.3	1446	358	458	335	143	2741	1272	5502	10956	849	2376	2425	26121
0900 CITRUS SUB TROP FRUIT	280	131.2	84.5	119.3	192.9	964	156	0	1	0	1121	372	535	12476	161	461	230	15356
1000 FRUIT NUTS DECIDUOUS	1008	344.4	301.8	386.9	334.6	4869	1611	4	359	0	6844	523	1086	29249	1717	2326	1124	42870
1100 POTATOES	296	82.7	67.1	86.6	68.9	1268	470	0	134	0	1872	478	361	5462	469	812	672	10125
1200 VEGETABLES	1327	422.9	328.3	431.0	534.1	6508	1547	0	413	61	8528	1190	1493	34006	1442	2634	1212	50504
1300 ORNAMENTALS TURP	607	224.9	142.1	223.6	217.5	3347	439	0	3	0	3789	171	458	16375	437	1395	548	23174
1400 CORN	911	207.7	237.8	237.9	225.5	3861	1053	0	240	126	5280	1015	2187	15148	1382	1825	705	27542
1500 GRAIN SORGHUM	324	66.6	69.8	63.4	68.1	830	130	0	1	0	961	725	269	4674	553	660	367	8210
1600 RICE	124	44.0	32.3	35.7	49.3	386	36	0	22	0	443	56	110	3792	260	313	184	5158
1700 WHEAT	661	160.1	167.4	167.2	140.0	2204	547	0	502	0	3253	707	670	10744	1374	2134	1012	19895
1800 OTHER SMALL GRAINS	404	78.5	78.9	90.6	77.6	1318	210	0	98	0	1626	360	450	6062	481	1040	643	10662
1900 PASTURE	155	30.9	18.6	39.2	64.4	615	85	0	8	0	709	283	121	2650	336	175	109	4382
2000 FORAGE CROPS	891	251.3	224.9	302.0	310.4	3900	1580	4	139	0	6113	1172	1473	19832	2151	1583	642	32966
2100 COTTON	372	139.7	126.2	125.2	168.8	1640	601	0	43	0	2285	644	595	9951	694	2178	439	16786
2200 COTTONSEED	21	5.1	2.7	7.3	3.2	52	30	0	0	0	82	52	24	248	9	115	0	530
2300 SOYBEANS	867	222.7	259.0	225.5	271.9	3462	1091	0	596	0	5148	817	1049	16495	1215	2815	1151	28690
2400 PEANUTS	155	39.4	30.9	70.9	47.7	469	63	0	63	0	595	130	182	3647	280	316	276	5426
2500 OTHER OILSEED CROPS	138	31.9	25.9	27.4	23.9	303	69	0	70	12	454	162	381	2269	149	338	175	3927
2600 TOBACCO	155	60.4	40.4	87.4	80.4	978	40	0	59	0	1078	39	62	5974	208	226	307	7894
2700 SUGAR CROPS	172	51.6	21.1	48.0	145.9	917	68	0	9	0	995	182	183	4260	338	335	104	6398
2800 MISC NEW CROPS	46	9.6	8.0	15.7	15.9	115	58	0	1	208	382	115	69	713	103	334	45	1760
2800 MISC NEW CROPS	110	22.0	14.6	14.4	42.3	373	156	0	37	56	622	16	55	1347	80	202	120	2442
2900 POULTRY	722	229.1	212.7	346.7	300.5	4674	1629	0	549	472	7324	299	1170	19933	1748	1285	707	32465
3000 BEEF CATTLE	1335	416.6	435.2	664.6	763.9	7614	3478	0	1278	1655	14026	2416	3658	39485	15877	3026	1042	79530
3100 DAIRY CATTLE	1133	315.2	309.7	408.4	478.7	6674	2280	0	1350	1219	11523	1033	1481	29743	7611	2856	1579	55825
3200 SWINE	589	167.6	162.3	237.6	302.4	3423	1141	0	606	644	5815	479	1532	15592	5093	1058	2211	31781
3300 SHEEP AND WOOL	86	19.2	16.9	10.7	30.0	209	67	0	70	53	399	117	110	1670	501	112	15	2924
3300 SHEEP AND WOOL	258	53.2	45.1	82.8	62.0	1006	399	0	141	269	1814	256	411	5190	853	342	227	9093
3400 OTHER ANIMALS	378	93.3	110.7	86.1	88.3	1240	70	0	313	320	1943	291	2124	6561	814	650	306	12688
3500 BEES AND HONEY	45	17.3	16.5	7.4	6.1	182	0	0	8	0	190	151	98	921	27	219	46	1653
3600 FARM SUPP & FACILITS	97	22.8	20.4	18.7	12.7	433	34	0	20	0	487	21	350	1782	449	73	184	3347
3700 CLOTHING & TEXTILES	61	16.9	16.6	2.7	8.2	314	22	0	0	0	336	6	79	911	8	23	21	1384
3800 FOOD	477	151.5	179.0	123.8	123.7	2331	1215	0	455	0	4002	819	2764	9036	416	1528	685	19250
3900 HOUSING & EQUIP	212	55.3	39.5	28.2	41.0	643	109	76	139	0	966	161	1048	3378	197	153	355	6257
4000 PEOPLE AS INDIVIDUAL	575	165.8	185.9	120.1	106.9	2009	880	34	84	7	3015	838	3925	8477	497	776	1104	18631
4100 FAMILY MEMBERS	235	70.4	71.4	14.0	31.4	724	514	0	12	0	1251	18	460	3256	243	166	603	5997
4200 FARM AS BUSINESS	210	67.7	63.3	19.1	59.4	1221	251	0	0	2	1475	376	178	3274	213	113	88	5715
4300 SOC POLIT ORGANIZ	377	108.7	119.3	36.2	92.8	1938	637	12	280	32	2899	359	553	4920	247	428	986	10392
4400 AGRIC ECONOMY U S	127	44.8	42.8	12.4	37.1	512	142	0	31	0	686	398	151	2322	339	85	124	4105
4500 AGRIC ECONOMY FORGN	30	8.9	7.8	2.4	5.5	46	5	0	0	0	51	356	53	543	3	9	21	1037
4600 FARM COOPERATIVES	33	6.1	3.9	1.9	5.3	105	32	0	0	0	137	49	1	269	8	32	9	505
4700 OTH MARKET PROCESS	36	8.1	9.2	3.8	5.0	82	27	0	9	0	118	65	0	380	16	17	187	783
4800 MARKETING SYSTEMS	100	30.5	17.1	12.7	30.8	478	249	0	29	0	756	227	38	1339	47	127	92	2627
6100 WEEDS	58	11.2	14.4	18.4	10.8	173	23	0	3	0	199	205	84	721	50	62	53	1375
6200 SEED RESEARCH	41	12.4	10.1	13.2	13.3	84	15	0	0	0	99	55	152	684	436	41	9	1476
6300 BIO CELL SYSTEMS	248	97.1	150.3	88.6	51.2	1088	57	0	0	4	1149	205	4877	5569	216	473	334	12823
6400 EXP DESIGN/STAT METH	77	26.1	26.5	11.5	16.3	218	4	0	0	0	221	709	233	2069	114	73	102	3521
6500 INVERTEBRATES	284	108.4	139.2	74.0	53.2	1083	95	8	1	7	1194	179	3339	6603	147	331	301	12094
6600 MICROORGANISMS, VIRUS	265	85.9	99.1	97.8	53.2	1086	66	4	54	130	1340	239	3880	5347	180	413	440	11840
6700 PLANTS	744	239.9	273.5	213.8	238.4	2791	814	0	2378	77	6059	964	3401	17916	1729	1652	2765	34486
6800 ANIMALS (VERTEBRATES)	424	159.1	165.2	185.5	112.2	1250	317	0	391	232	2190	354	7410	9571	1285	942	1129	22880
6900 RESEARCH ON RSCH MCH	36	16.1	12.3	3.3	8.4	143	26	0	1	0	171	51	94	787	39	49	477	1668
7000 RSCH EQUIP & TECHNOL	106	27.5	21.9	21.5	15.5	209	48	7	0	13	279	237	971	1413	107	186	154	3346
9900 UNCLASSIFIED	43	4.2	28.8	2.7	6.4	1063	500	37	0	93	1693	348	0	86	45	0	3	2175
TOTAL	22455	6750.0	6666.8	6894.8	7305.8	29150	94569	7832	12160	5889	149600	77740	490987	58530	36064	50728	893457	

**UNITED STATES DEPARTMENT OF AGRICULTURE
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TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF		OTHER							TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		SYS	SUPPORT PROF	YEARS TECH	OTHER	HATH	RRP	HCIN STEN	SP GT	OTH CSRS								
SERIES 100																		
101 APPRAIS OF SOIL RES	208	74.1	88.7	73.3	48.2	858	259	29	0	0	1186	194	806	4564	351	953	945	8960
102 SOIL PLNT WTR NUTRI	599	186.9	175.6	192.6	166.2	2478	666	260	70	7	3481	1125	1642	13375	1166	1221	1324	23334
103 NGHT OF SALINE SOIL	60	16.4	24.8	14.8	15.9	164	22	0	2	0	187	98	209	1220	26	266	65	2072
104 ALTERN USE OF LAND	178	55.1	52.2	28.0	45.8	670	296	17	80	0	1062	351	717	2259	214	370	248	5221
105 CONSERV USE OF WATE	282	81.1	65.9	67.4	72.2	817	209	44	60	17	1186	923	775	4724	389	410	381	8747
106 DRAIN AND IRRIGATIO	137	37.5	27.9	34.1	44.4	320	192	2	0	29	543	396	390	2758	225	134	269	4715
107 WATERSHED PROT & MG	158	46.7	56.4	38.0	55.0	402	63	280	220	0	964	365	1136	3351	116	256	334	6523
108 ECON LEG PROB OF WA	42	18.9	24.0	8.9	13.0	111	9	0	0	0	121	70	310	862	39	98	593	2094
109 WEATHER ADAPT & MOD	129	50.5	47.5	51.1	46.4	368	465	18	4	0	855	253	3293	2374	483	123	192	7573
110 APPRAIS FORST & RAN	122	25.9	28.9	14.5	15.7	114	10	330	3	0	457	359	366	1397	80	145	209	3013
111 BIOL CULT NGHT FORS	293	94.8	90.8	73.6	84.7	189	57	2002	20	0	2268	411	503	5312	394	670	480	10039
112 IMPROV RANGE RESOR	164	52.5	42.2	38.4	55.2	536	102	61	12	0	711	163	544	3568	573	210	146	5914
113 REMOTE SENSING	45	12.6	11.8	9.8	8.7	43	7	65	0	0	115	196	350	707	36	161	65	1629
114 RSCH ON NGHT OF RSC	34	14.2	8.3	3.3	6.8	143	26	0	1	0	171	41	79	764	6	22	242	1325
SUBTOTAL	2451	767.1	745.2	647.7	678.1	7212	2383	3107	473	53	13227	4946	11119	47234	4099	5042	5494	91160
SERIES 200																		
201 CNTRL FORST INSECTS	156	40.5	48.7	37.7	22.1	276	218	484	20	0	998	570	915	1986	42	129	238	4876
202 CONTROL FOREST DIS	109	33.5	33.8	32.5	20.0	236	220	468	2	0	926	242	152	1840	86	130	181	3557
203 FOREST FIRE PROTECT	8	1.4	1.1	0.3	1.6	3	0	9	0	0	12	8	2	110	0	3	7	142
204 CNTR PESTS FRT & VEG	418	134.5	122.2	134.4	129.7	1755	320	0	247	0	2323	686	717	10322	491	1057	437	16034
205 CNTR DISE FRT & RAN	729	239.0	185.6	243.4	289.0	2900	740	4	292	0	3937	813	516	19541	763	1582	735	27887
206 CNTR WEEDS FRT & VEG	173	41.6	40.3	48.4	54.2	695	93	0	50	0	838	202	194	3627	201	329	282	5633
207 CNTR PESTS FLD CROP	556	188.5	204.8	196.6	196.3	2984	878	0	82	0	3944	1181	1591	12354	621	2010	606	22307
208 CNTR DIS FIELD CROP	743	228.7	209.6	247.2	213.9	3619	804	0	522	89	5034	686	781	15695	740	2056	1272	26265
209 CNTR WEEDS FLD CROP	327	103.5	117.7	103.8	124.4	1751	310	0	87	48	2197	666	371	8374	795	1518	673	14594
210 CNTR PESTS ANIMALS	131	33.3	38.2	32.4	32.0	440	89	0	296	204	1029	310	238	2123	208	255	136	4298
211 CNTR DIS ANIMALS	225	71.7	67.8	63.2	43.5	665	325	0	768	710	2469	449	530	4998	660	401	229	9735
212 CNTR DISE ANIMALS	583	220.4	190.9	351.4	177.0	2079	1058	0	2031	2832	8000	1256	4183	15447	1720	1366	1234	33205
213 CNTR INT PARASITE	105	30.7	18.2	36.0	32.7	448	225	0	311	217	1201	56	85	2449	280	367	51	4489
214 PROT ANML FROM TOX	118	31.5	36.4	38.6	29.1	259	97	0	278	243	878	204	520	2296	486	251	184	4820
215 PROT FROM POLLUT	225	52.3	70.1	57.9	43.5	665	180	117	738	10	1709	296	1691	3797	217	736	246	8692
SUBTOTAL	4606	1451.2	1385.2	1623.7	1409.0	18777	5557	1082	5725	4353	35494	7626	12483	104960	7308	12191	6471	186534
SERIES 300																		
301 GENET BREED FORST T	97	33.6	35.1	52.8	37.4	99	150	907	7	0	1163	95	93	2212	43	540	209	4356
302 IMP FOREST ENG SYS	24	9.6	8.6	7.8	8.2	38	0	131	7	0	175	99	162	593	17	201	57	1304
303 ECON TIMBER PRODUCT	46	13.6	9.6	7.0	5.9	9	0	279	14	0	302	190	301	666	23	83	93	1658
304 IMP BIO EFF FRT & V	1004	314.1	247.3	365.5	436.8	4590	1068	0	153	0	5811	509	1192	29151	1682	1713	1088	41146
305 MECH PROD FRT & VEG	132	31.9	16.0	34.5	26.6	562	210	0	0	0	772	54	53	2478	43	152	161	3713
306 PROD NGHT SYS F & V	103	23.3	11.1	20.2	23.9	288	57	0	26	0	372	100	26	1648	99	107	34	2384
307 IMP BIO EFF FLD CRP	351	123.3	114.2	104.7	132.0	1108	532	0	109	54	1803	385	1095	10169	1472	1550	284	16759
308 IMP BIO EFF FLD CRP	1192	487.3	431.9	599.3	754.6	7626	1513	0	505	0	9643	2363	2570	41022	4278	4856	3702	68434
309 MECH PROD FLD CRO	96	29.2	24.1	34.1	36.5	564	69	0	52	0	685	70	66	2159	264	275	125	3645
310 PROD NGHT SYS FLD C	293	75.2	62.5	74.0	93.5	1328	282	0	165	95	1870	175	356	6562	888	493	210	10555
311 ANIMAL REPRODUCTION	472	176.7	188.4	267.8	303.7	3496	1839	0	146	260	5741	527	3594	16897	3870	938	564	32132
312 IMP BIO EFF ANML PR	1206	454.8	471.6	819.0	971.6	10644	2794	0	307	302	14047	1191	2412	51848	2075	4564	3471	97609
313 ENV STRESS IN ANML	187	48.8	36.4	65.3	73.7	856	399	0	29	39	1323	180	535	4429	1262	128	142	7999
314 PROD NGHT SYS ANML	284	62.4	66.0	69.4	151.7	1224	506	0	47	0	1776	224	184	6541	2420	238	210	11593
315 BEES OTH POLLNTNG I	45	17.3	16.5	7.4	6.1	182	0	0	8	0	190	151	98	921	27	219	46	1653
316 IMP STROD FARM SUPP	143	39.4	31.0	31.7	20.2	635	31	0	141	0	807	192	958	2948	546	158	345	5954
317 FARM BUSINESS NGHT	148	51.9	45.9	16.9	45.8	901	124	0	0	0	1025	353	154	2422	188	86	69	4297
318 MECH/STROCTS ANML P	73	16.7	14.1	16.2	19.2	265	51	0	17	0	333	31	68	1316	81	45	179	2053
319 NON-COM BIO TECH/BI	1072	440.7	539.4	385.4	259.6	4735	288	11	142	84	5261	844	17307	26772	1492	2198	1572	55447
SUBTOTAL	6968	2449.7	2370.0	2979.1	3407.0	39151	9912	1328	1875	834	53100	7735	12242	107553	7870	18544	12561	372689
SERIES 400																		
401 NEW IMP FOREST PROD	120	66.6	60.3	69.5	54.0	209	9	912	109	0	1241	412	589	3898	107	926	166	7338
402 PROD F & V IMP ACCE	269	59.7	46.9	50.2	69.7	691	180	0	4	0	875	64	201	5222	235	340	149	7086
403 NEW & IMP F&V PROD	186	61.0	43.4	49.5	54.6	973	196	0	7	61	1238	113	189	4295	121	393	253	6601
404 HKT QUAL FRTS & VEG	167	48.6	54.2	49.7	32.8	781	430	0	16	0	1227	49	275	3880	154	520	96	6203
405 PROD FLD CROP IMP A	265	75.9	80.2	94.2	82.2	1322	361	0	47	0	1730	354	552	5901	607	665	296	10104
406 NEW IMP FOOD FLD CR	135	41.1	59.7	36.2	38.1	604	186	0	14	0	804	37	637	2661	273	234	341	4988
407 NEW IMP NON-FOOD FC	81	22.4	34.5	17.6	28.5	408	14	0	36	193	651	25	316	1519	209	134	190	3045
408 HKT QUAL FIELD CROP	102	20.5	18.3	16.1	17.0	375	93	0	58	0	527	200	42	1345	82	177	86	2459
409 PROD ANML PR IMP AC	159	36.9	44.7	43.9	73.1	1188	420	0	29	2	1639	57	206	3127	1027	188	74	6317
410 IMP HEAT MILK EGG P	258	77.8	97.4	75.2	66.2	1697	278	0	0	0	1975	90	360	5878	1048	449	313	10113
411 IMP NON-FOOD ANML P	26	7.2	10.8	5.7	6.6	45	78	0	30	0	153	104	107	362	7	5	3	741
412 HKT QUAL ANIMAL PR	109	27.1	26.2	24.3	24.8	574	122	0	31	0	727							

NATIONAL TOTAL SAES

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS						MCIN STEN	SP GT	OTH CSRS	TOTAL USDA		OTH STATE		PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROP	TECH	OTHER	HATH	RRF				CSRS	CGCA	FED	APPRO				
SERIES 700																		
701 TOX RES IN FOOD	177	48.4	51.8	53.3	39.2	535	543	0	2260	24	3363	20	458	3312	85	262	163	7662
702 FOOD PROT FROM TOX	190	59.4	58.1	77.8	40.9	864	493	0	73	21	1450	274	2047	3836	254	1029	187	9077
703 FOOD CONSUMP HABITS	110	31.0	31.1	19.9	17.5	350	322	0	0	0	672	270	432	1529	128	117	115	3264
704 HOME CONN FOOD SERV	49	13.8	16.2	7.7	10.1	261	100	0	0	0	362	60	151	723	71	42	66	1475
705 SEL CARE CLOTH & TE	51	13.4	12.4	2.6	6.0	235	12	0	0	0	247	5	79	747	6	22	15	1122
706 CONTR INSECTS AFF H	129	42.3	58.7	31.7	20.5	598	170	42	0	0	811	66	511	3019	49	306	241	5003
707 TRANS ANIHL HAN DI	26	4.2	9.4	8.1	1.7	51	17	0	4	7	79	24	614	359	101	90	36	1301
708 HUMAN NUTRITION	335	111.7	161.0	137.8	82.7	1757	524	0	29	0	2309	1470	3559	6211	274	590	592	15006
709 REDUCE HAZ HLTH & S	58	16.2	11.4	12.0	10.9	168	16	0	0	0	185	31	414	806	49	158	48	1691
SUBTOTAL	1125	340.3	410.1	350.8	229.5	4820	2197	42	2367	52	9478	2219	8265	20543	1017	2616	1463	45599
SERIES 800																		
801 RURAL HOUSING	59	11.4	7.9	3.5	6.2	128	102	0	0	0	230	2	238	611	29	12	14	1137
802 INDIV & FAM DEC MAK	177	45.4	52.8	10.2	21.8	455	353	0	12	0	821	11	602	2106	167	142	480	4328
803 RURAL POVERTY	25	6.4	5.4	1.6	4.1	136	31	0	12	0	180	4	5	235	5	9	9	446
804 ECON POTENT RURL PE	82	27.8	16.0	7.3	17.0	295	135	2	0	0	432	44	179	1026	57	26	256	2020
805 COMMUNICAT RURL PE	112	36.7	24.0	10.9	24.4	306	40	24	0	0	370	25	104	2177	84	59	311	3129
806 ADJUSTMENT TO CHANG	169	51.9	42.7	11.2	28.0	661	356	0	12	0	1029	10	317	2095	71	235	232	3989
807 AGRIC ECONOMIC CHAN	152	46.0	41.9	15.8	41.1	675	265	0	31	2	973	193	115	2546	267	149	252	4495
808 GOV'T PROGRAMS	51	9.8	16.9	3.9	9.6	131	70	0	0	0	201	25	73	644	10	15	53	1021
SUBTOTAL	827	235.5	207.6	64.3	152.2	2788	1353	26	68	2	4237	313	1633	11438	691	645	1607	20565
SERIES 900																		
901 ALLEV POLLUTION	518	156.9	199.6	154.3	118.4	1887	1042	118	301	72	3420	339	2811	10768	327	2553	1050	21269
902 OUTDOOR RECREATION	120	38.6	31.2	19.5	22.3	288	128	220	0	0	636	266	476	1580	40	84	261	3343
903 MULTI-USE-FOREST PO	69	15.5	16.2	11.6	7.8	17	6	300	0	0	323	156	145	670	23	69	265	1650
904 WLDLFE AND FISH ECO	493	145.0	223.5	153.3	144.4	1144	337	417	335	142	2376	1125	4199	9114	804	2071	2192	21882
905 TREES BEAUTIFICATIO	96	23.2	21.4	16.5	17.6	228	48	99	0	0	375	21	338	1649	52	97	84	2616
906 ORNAMENT & TURF DEV	588	219.2	135.2	217.9	213.9	3292	435	0	3	0	3730	170	147	15990	435	1356	540	22369
907 RURAL INCOME IMP	130	31.2	34.7	8.9	36.6	772	263	0	129	18	1182	139	214	1409	51	43	184	3221
908 RURAL INSTITUT IMP	204	54.6	60.6	17.8	44.6	969	251	0	180	13	1413	204	169	2475	169	220	494	5144
909 UNCLASSIFIED	43	4.2	28.8	2.7	6.4	1063	500	37	0	93	1693	348	0	86	45	0	3	2175
SUBTOTAL	2261	688.4	751.2	602.5	611.8	9660	3010	1191	948	340	15148	2769	8498	43741	1946	6492	5074	83669
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	21024	6750.0	6666.8	6894.8	7305.8	29150	94569	7832	12160	5889	149600	29808	77740	490987	58530	50729	36064	893459

FORESTRY SCHOOL TOTAL

TABLE IV-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS				OTHER	HATH	RRP	HCIN STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH															
0100 SOIL AND LAND	52	14.0	11.1	4.9	4.1	0	0	58	0	0	58	110	387	431	2	77	164	1228	
0200 WATER	18	6.9	4.7	1.3	1.7	0	0	28	0	0	28	43	252	163	2	33	42	563	
0300 WATERSHEDS RIVER BAS	25	6.1	6.7	2.2	4.4	0	0	45	0	0	45	106	105	264	0	4	77	600	
0400 AIR AND CLIMATE	4	0.9	3.7	0.0	1.6	0	0	0	0	0	0	109	59	64	0	3	0	234	
0500 RECREATION RESOURCES	35	8.6	5.4	2.0	3.2	0	0	71	0	0	71	118	289	283	63	14	40	879	
0600 TIMBER FOREST PRODUCT	503	175.6	160.1	80.3	76.7	0	0	1910	0	0	1910	2647	2170	7285	444	2331	1268	18054	
0700 RANGE	14	4.1	4.4	0.3	0.3	0	0	65	0	0	65	55	38	148	0	0	1	307	
0800 WILDLIFE AND FISH	88	25.4	26.2	15.2	4.0	0	0	251	2	0	253	249	925	654	1	28	256	2366	
1000 FRUIT NUTS DECIDUOUS	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	1	
1200 VEGETABLES	1	0.2	0.5	0.0	0.1	0	0	0	0	0	0	0	13	8	0	0	0	20	
1300 ORNAMENTALS TURF	4	0.1	0.5	0.1	0.1	0	0	0	0	0	0	0	0	5	0	0	13	18	
2000 FORAGE CROPS	1	0.1	0.5	0.1	0.0	0	0	0	0	0	0	0	0	3	0	9	0	13	
2300 SOYBEANS	2	0.2	0.7	0.0	0.0	0	0	0	20	0	20	0	0	2	0	0	0	22	
2800 MISC NEW CROPS	1	0.2	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	9	0	10	
3400 OTHER ANIMALS	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	1	3	0	0	0	3	
3600 FARM SUPP & FACILITS	1	0.3	0.0	0.0	0.0	0	0	12	0	0	12	0	0	20	0	0	0	31	
3900 HOUSING & EQUIP	4	0.9	0.3	0.2	0.2	0	0	0	0	0	0	4	9	28	0	23	2	67	
4000 PEOPLE AS INDIVIDUAL	3	0.6	0.5	0.0	0.3	0	0	0	0	0	18	2	0	22	7	0	0	48	
4300 SOC POLIT ORGANIZ	3	0.0	0.4	0.3	0.0	0	0	0	0	0	0	0	0	8	0	0	19	27	
4500 AGRIC ECONOMY FORGN	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	2	0	0	0	2	
6300 BIO CELL SYSTEMS	4	4.6	2.2	1.4	0.0	0	0	0	22	0	22	0	193	69	0	0	0	284	
6500 INVERTEBRATES	2	0.8	0.7	0.5	0.0	0	0	0	0	0	0	0	24	23	0	0	0	47	
6600 MICROORGANISMS, VIRUS	6	3.6	2.3	1.9	0.6	0	0	7	0	0	7	0	197	46	0	0	0	251	
6700 PLANTS	6	0.5	1.4	0.7	0.4	0	0	26	0	0	26	10	17	22	0	0	0	75	
6800 ANIMALS (VERTEBRATES)	4	1.3	2.1	0.2	0.1	0	0	0	0	0	0	0	111	25	0	0	0	136	
6900 RESEARCH ON RSCH MGN	2	0.0	7.0	2.3	10.4	0	0	0	0	0	0	29	103	366	0	9	255	762	
7000 RSCH EQUIP & TECHNOL	11	4.4	3.6	2.9	0.9	0	0	19	22	0	41	4	191	127	0	6	0	369	
9900 UNCLASSIFIED	2	4.5	2.4	0.7	0.0	0	0	19	0	0	19	0	0	0	0	0	0	19	
TOTAL	799	263.7	247.1	117.2	108.8	0	0	2526	66	0	2593	3486	5083	10071	519	2546	2138	26435	

FORESTRY SCHOOL TOTAL

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS					OTHER	HATH	RRP	HCIN STEN	SP GT	OTH CSRS	TOTAL USDA		OTH STATE		PROD SALE	INDUS -TRY	OTH -ER	TOTAL
		STS	PROF	TECH	CSRS	CGCA							FED	APPRO						
SERIES 100																				
101 APPRAIS OF SOIL RES	7	4.8	2.2	1.1	1.0	0	0	0	12	0	0	12	18	127	135	0	29	90	410	
102 SOIL PLNT WTR NUTRI	37	8.0	8.8	3.1	3.6	0	0	132	0	0	132	38	210	230	2	70	36	718		
103 NGHT OF SALINE SOIL	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	0	0	1		
104 ALTERN USE OF LAND	13	2.1	3.3	0.8	1.3	0	0	18	0	0	18	48	2	121	0	0	21	210		
105 CONSERV USE OF WATE	4	3.8	0.9	0.7	1.1	0	0	2	0	0	2	4	127	81	0	26	36	275		
107 WATERSHED PROT & MG	35	13.5	9.1	3.3	5.9	0	0	42	0	0	42	171	460	385	1	51	120	1232		
109 WEATHER ADAPT & MOD	4	2.0	2.1	1.0	0.9	0	0	14	0	0	14	109	82	17	0	0	0	222		
110 APPRAIS FORST & RAN	34	4.6	7.5	2.3	1.9	0	0	81	0	0	81	157	15	241	0	25	72	591		
111 BIOL CULT NGHT FORS	197	54.3	50.2	33.8	26.3	0	0	673	0	0	673	950	763	2202	329	481	341	5739		
112 IMPROV RANGE RESOR	13	3.8	4.1	0.3	0.2	0	0	65	0	0	65	42	27	144	0	0	0	278		
113 REMOTE SENSING	14	2.0	2.9	3.1	0.9	0	0	37	0	0	37	85	54	130	0	1	0	307		
114 RSCH ON NGHT OF RSC	2	0.0	7.0	2.3	10.4	0	0	0	0	0	0	29	103	366	0	9	255	762		
SUBTOTAL	361	99.0	98.2	51.9	53.4	0	0	1075	0	0	1075	1650	1973	4052	332	692	972	10745		
SERIES 200																				
201 CNTRL FORST INSECTS	56	12.7	16.4	5.4	3.3	0	0	127	0	0	127	457	441	536	2	9	63	1636		
202 CONTROL FOREST DIS	38	7.9	10.0	3.4	3.8	0	0	187	0	0	187	81	15	484	1	31	75	873		
203 FOREST FIRE PROTECT	5	0.7	0.7	0.3	0.5	0	0	0	0	0	0	12	3	39	0	14	3	71		
206 CNTR WEEDS FRT & VE	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	1		
210 CONTR PESTS ANIMALS	2	0.4	1.7	0.0	0.0	0	0	0	0	0	0	0	53	12	0	0	0	65		
214 PROTECT FROM POLLUT	8	2.8	1.2	0.4	0.8	0	0	1	0	0	1	49	54	25	0	35	6	169		
SUBTOTAL	110	24.6	30.1	9.4	8.4	0	0	314	0	0	314	599	566	1097	3	90	147	2815		
SERIES 300																				
301 GENET BREED FORST T	35	15.2	12.3	5.9	5.1	0	0	222	0	0	222	283	53	627	8	109	252	1555		
302 IMP FOREST ENG SYS	14	5.2	6.9	0.6	3.8	0	0	24	0	0	24	93	23	235	22	37	2	437		
303 ECON TIMBER PRODUCT	15	5.9	3.0	0.7	2.0	0	0	37	0	0	37	138	60	240	1	56	30	561		
304 IMP BIO EFF FRT & V	1	0.2	0.5	0.0	0.1	0	0	0	0	0	0	0	13	8	0	0	0	20		
307 IMP BIO EFF FLD CRP	2	0.2	0.7	0.0	0.0	0	0	0	20	0	20	0	0	2	0	0	0	22		
315 IMP STRUC FARM SUPP	1	0.3	0.0	0.0	0.0	0	0	12	0	0	12	0	0	20	0	0	0	31		
318 NON-COM BIO TECH/BI	18	11.7	7.5	4.5	0.8	0	0	0	44	0	44	0	537	222	0	0	0	803		
SUBTOTAL	86	38.7	30.8	11.5	11.7	0	0	295	65	0	359	514	686	1354	31	202	285	3430		
SERIES 400																				
401 NEW IMP FOREST PROD	80	42.5	35.3	18.3	21.8	0	0	325	0	0	325	170	247	1855	81	1368	5	4051		
407 NEW IMP NON-FOOD FC	1	0.2	0.0	0.0	0.0	0	0	0	0	0	0	0	0	1	0	7	0	8		
411 IMP NON-FOOD ANML P	1	0.0	0.5	0.0	0.0	0	0	23	0	0	23	0	0	0	0	0	0	23		
SUBTOTAL	82	42.7	35.8	18.3	21.8	0	0	348	0	0	348	170	247	1856	81	1375	5	4082		
SERIES 500																				
502 MKTG TIMBER PRODUCT	9	3.9	1.1	1.7	0.6	0	0	30	0	0	30	8	60	113	0	46	5	263		
512 IMP GRADES FRST PRO	4	1.2	0.3	0.4	0.2	0	0	0	0	0	0	4	9	62	0	19	2	96		
513 PRICE ANAL FRST PRO	8	2.3	1.0	0.4	0.4	0	0	33	0	0	33	12	18	86	0	42	5	195		
SUBTOTAL	21	7.5	2.3	2.4	1.2	0	0	63	0	0	63	23	87	262	0	106	12	555		
SERIES 600																				
603 TECH AID DEV CRTY	6	2.3	0.5	0.1	0.1	0	0	2	0	0	2	20	0	54	0	15	303	394		
SUBTOTAL	6	2.3	0.5	0.1	0.1	0	0	2	0	0	2	20	0	54	0	15	303	394		
SERIES 800																				
802 INDIV & FAM DEC MAK	1	0.4	0.5	0.0	0.3	0	0	18	0	0	18	0	0	17	1	0	0	36		
805 COMMUNICAT RURAL PE	2	0.2	0.0	0.0	0.0	0	0	0	0	0	0	2	0	5	5	0	0	13		
SUBTOTAL	3	0.6	0.5	0.0	0.3	0	0	18	0	0	18	2	0	22	7	0	0	48		
SERIES 900																				
901 ALLEY POLLUTION	22	4.2	8.4	2.5	1.7	0	0	35	0	0	35	28	224	195	1	20	25	529		
902 OUTDOOR RECREATION	34	8.8	4.4	2.2	3.1	0	0	64	0	0	64	119	291	281	63	14	2	834		
903 MULTI-USE FOREST PO	25	4.0	5.5	1.8	2.1	0	0	138	0	0	138	48	0	196	1	2	119	504		
904 WDLFE AND FISH ECO	80	23.8	25.2	14.6	2.8	0	0	156	2	0	158	198	955	635	1	29	230	2205		
905 TREES BEAUTIFICATIO	17	3.2	2.3	1.5	2.4	0	0	0	0	0	0	115	55	61	0	0	10	241		
906 ORNAMENT & TURF DEV	1	0.0	0.3	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	8	8		
908 RURAL INSTITUT IMP	2	0.0	0.4	0.3	0.0	0	0	0	0	0	0	0	0	8	0	0	19	26		
990 UNCLASSIFIED	2	4.5	2.4	0.7	0.0	0	0	19	0	0	19	0	0	0	0	0	0	19		
SUBTOTAL	183	48.4	48.8	23.6	12.1	0	0	412	2	0	413	507	1525	1375	66	66	413	4366		
SCIENCE IN SERV OF MAN	852		247.1		108.8			0	0	66	2593		5083		519		2138			
GRAND TOTAL		263.7		117.2		0		2526		0		3486		10071		2546		26435		

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-B-1 SUMMARY BY COMMODITY OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF		OTHER	HATH	RRP	MCIN STEN	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			SUPPORT PROF	YEARS TECH														
0100 SOIL AND LAND	23	11.8	1.4	13.8	10.8	0	0	0	200	820	1020	0	20	2	0	0	0	1042
0200 WATER	11	9.8	11.3	3.1	4.2	0	0	0	104	450	554	0	0	0	0	0	0	554
0300 WATERSHEDS RIVER BAS	2	1.2	0.0	2.7	0.2	0	0	0	6	78	84	0	0	0	0	0	0	84
0400 AIR AND CLIMATE	2	0.2	0.5	1.0	0.0	0	0	0	0	46	47	0	0	0	0	0	0	47
0500 RECREATION RESOURCES	2	1.0	1.0	0.5	1.0	0	0	0	60	0	60	0	0	0	0	0	0	60
0600 TIMBER FORST PRODUCT	4	0.7	0.0	1.4	0.2	0	0	0	4	120	124	0	0	0	0	0	0	124
0700 RANGE	2	0.6	0.0	0.1	1.0	0	0	0	0	82	82	0	0	0	0	0	0	82
0800 WILDLIFE AND FISH	17	4.6	9.5	6.9	3.6	0	0	0	186	476	661	8	4	8	0	0	0	682
1000 FRUIT NUTS DECIDUOUS	7	3.6	1.0	7.2	2.5	0	0	0	57	263	320	0	0	0	0	0	0	320
1100 POTATOES	1	0.0	0.0	0.0	0.0	0	0	0	0	6	6	0	0	0	0	0	0	6
1200 VEGETABLES	42	19.1	5.7	26.5	56.7	0	0	0	199	1690	1889	0	0	15	0	0	0	1905
1400 CORN	6	0.3	0.0	0.8	0.2	0	0	0	29	24	53	0	0	0	0	0	0	53
1500 GRAIN SORGHUM	5	0.3	0.2	0.3	0.6	0	0	0	13	16	28	0	0	6	0	0	0	34
1600 RICE	2	0.0	0.0	0.1	0.0	0	0	0	3	0	3	0	0	0	0	0	0	3
1700 WHEAT	3	1.1	0.1	0.4	1.0	0	0	0	13	58	71	0	6	8	0	0	0	85
1800 OTHER SMALL GRAINS	9	0.6	0.0	4.4	0.4	0	0	0	8	347	355	0	0	0	0	0	0	355
1900 PASTURE	2	0.5	0.0	0.5	1.9	0	0	0	20	44	64	0	0	0	0	0	0	64
2000 FORAGE CROPS	14	5.2	2.6	8.0	5.2	0	0	0	90	439	529	0	6	13	0	0	0	548
2100 COTTON	7	1.7	3.4	0.8	0.8	0	0	0	37	272	309	0	0	4	0	0	0	313
2300 SOYBEANS	35	14.8	11.0	17.3	14.4	0	0	0	203	1620	1823	0	0	4	2	0	0	1828
2400 PEANUTS	4	3.0	0.6	2.0	1.4	0	0	0	34	143	177	0	0	0	0	0	0	177
2500 OTHER OILSEED CROPS	1	0.3	0.0	0.0	0.2	0	0	0	0	40	40	0	0	6	0	0	0	46
2600 TOBACCO	2	1.3	1.2	0.8	0.0	0	0	0	70	67	137	0	0	0	0	0	0	137
2800 HISC NEW CROPS	1	0.0	0.0	0.0	0.0	0	0	0	2	0	2	0	0	0	0	0	0	2
2800 HISC NEW CROPS	1	1.0	1.5	0.4	0.0	0	0	0	0	75	75	0	0	62	0	0	0	137
2900 POULTRY	18	7.8	3.1	16.6	4.8	0	0	0	107	540	648	0	12	6	2	0	0	666
3000 BEEF CATTLE	26	9.8	4.5	13.4	13.3	0	0	0	115	1125	1240	0	6	0	38	0	0	1285
3100 DAIRY CATTLE	16	3.3	2.5	10.3	3.7	0	0	0	404	363	766	0	0	0	44	0	0	810
3200 SWINE	20	9.2	11.2	16.0	11.5	0	0	0	321	1279	1600	0	0	0	0	0	0	1600
3300 SHEEP AND WOOL	1	11.6	0.0	10.0	0.0	0	0	0	0	16	16	0	111	0	0	46	0	172
3300 SHEEP AND WOOL	8	4.4	1.9	4.4	3.4	0	0	0	2	416	418	0	0	0	0	0	0	418
3400 OTHER ANIMALS	16	14.5	2.0	6.0	6.3	0	0	0	255	1102	1356	0	0	3	0	0	1	1360
3500 BEES AND HONEY	1	0.0	0.0	3.0	1.0	0	0	0	0	21	21	0	0	0	0	0	0	21
3600 FARM SUPP & FACILITS	4	1.1	0.1	2.1	1.0	0	0	0	82	6	89	0	0	0	0	0	0	89
3700 CLOTHING & TEXTILES	6	1.6	2.7	0.5	0.4	0	0	0	37	131	168	0	0	2	0	0	0	170
3800 FOOD	25	10.7	1.5	7.2	7.8	0	0	0	129	1020	1149	0	0	0	0	0	0	1149
3900 HOUSING & EQUIP	5	3.7	0.8	1.2	2.8	0	0	0	78	43	121	0	0	0	0	0	0	121
4000 PEOPLE AS INDIVIDUAL	78	26.4	15.0	20.4	21.6	0	0	0	545	1919	2464	0	0	6	0	0	0	2470
4100 FAMILY MEMBERS	43	11.9	7.2	17.0	10.1	0	0	0	300	984	1284	0	0	2	0	0	0	1286
4200 FARM AS BUSINESS	11	3.8	3.3	2.7	3.7	0	0	0	31	319	350	0	0	0	0	0	0	350
4300 SOC POLIT ORGANIZ	32	10.8	6.4	13.1	7.4	0	0	0	115	834	950	2	0	0	0	0	0	952
4400 AGRIC ECOWOHY U S	8	1.0	1.3	2.0	1.4	0	0	0	16	120	136	2	0	0	0	0	0	139
4600 FARM COOPERATIVES	2	0.6	0.0	0.0	0.0	0	0	0	15	4	18	0	0	0	0	0	0	18
4800 MARKETING SYSTEMS	2	0.2	0.0	0.5	0.2	0	0	0	23	0	23	0	0	0	0	0	0	23
6100 WEEDS	2	0.5	0.0	0.2	0.0	0	0	0	26	0	26	0	0	0	0	0	0	26
6300 BIO CELL SYSTEMS	2	0.1	0.0	0.0	0.0	0	0	0	2	10	11	0	0	0	0	0	0	11
6400 EXP DESIGN/STAT METH	3	0.7	0.6	0.2	0.5	0	0	0	49	22	71	0	0	0	0	0	0	71
6500 INVERTEBRATES	3	1.2	0.7	0.6	0.9	0	0	0	26	63	90	0	0	6	0	0	0	95
6600 MICROORGANISMS, VIRUS	2	0.3	0.0	1.5	0.1	0	0	0	24	19	43	0	0	0	0	0	0	43
6700 PLANTS	11	2.6	0.6	1.4	1.3	0	0	0	83	52	135	0	5	0	0	50	0	190
6800 ANIMALS (VERTEBRATES)	2	0.5	0.2	1.5	0.1	0	0	0	26	19	46	0	0	0	0	0	0	46
7000 RSCH EQUIP & TECHNOL	1	0.0	0.1	0.8	0.8	0	0	0	0	0	0	0	0	0	0	150	0	150
9900 UNCLASSIFIED	7	0.0	0.0	0.0	0.0	0	0	0	0	364	364	0	0	0	0	0	0	364
TOTAL	560	220.6	116.2	251.1	210.1	0	0	0	4146	17966	22112	13	171	153	86	246	1	22781

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-D-1 SUMMARY BY PROBLEM AREA OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT SYS	STAFF YEARS			OTHER	HATH	RRP	MCIN STEW	SP GT	OTH CSRS	TOTAL USDA		OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH								CSRS	CGCA						
SERIES 100																			
101 APPRAIS OF SOIL RES	4	0.9	0.0	0.5	0.4	0	0	0	45	32	76	0	0	0	0	0	0	0	76
102 SOIL PLNT RTE NUTRI	15	7.5	4.0	10.2	7.2	0	0	0	24	674	698	0	0	10	0	0	0	0	708
103 NGMT OF SALINE SOIL	1	0.0	0.0	0.0	0.0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
105 CONSERV USE OF WATE	3	0.4	0.0	1.4	0.2	0	0	0	0	37	37	0	0	5	0	0	0	0	42
107 WATERSHED PROT & MG	2	0.1	0.0	0.1	0.0	0	0	0	0	54	54	0	0	0	0	0	0	0	54
109 WEATHER ADAPT & MOD	3	0.2	0.1	0.5	0.4	0	0	0	17	25	42	0	0	0	0	0	0	0	42
110 APPRAIS FORST & RAN	1	0.1	0.0	0.0	0.0	0	0	0	0	12	12	0	0	0	0	0	0	0	12
111 BIOL CULT NGHT FORS	2	0.5	0.0	1.2	0.1	0	0	0	4	101	105	0	0	0	0	0	0	0	105
112 IMPROV RANGE RESOR	1	0.5	0.0	0.0	1.0	0	0	0	0	67	67	0	0	0	0	0	0	0	67
113 REMOTE SENSING	1	0.2	0.0	0.1	0.0	0	0	0	0	26	26	0	0	0	0	0	0	0	26
SUBTOTAL	33	10.3	4.2	14.1	9.3	0	0	0	91	1028	1118	0	0	15	0	0	0	0	1133
SERIES 200																			
204 CNTR PESTS FRT & VE	4	0.3	0.0	1.2	0.1	0	0	0	9	19	28	0	0	0	0	0	0	0	28
205 CNTR DISE FRT & VEG	9	0.8	0.2	2.8	0.8	0	0	0	38	94	132	0	0	0	0	0	0	0	132
206 CNTR WEEDS FRT & VE	5	0.8	0.1	0.8	0.4	0	0	0	45	25	71	0	0	0	0	0	0	0	71
207 CNTR PESTS FLD CROP	11	1.6	0.7	2.7	1.5	0	0	0	38	206	244	0	0	4	0	0	0	0	248
208 CNTR DIS FIELD CROP	12	3.0	3.4	3.0	1.4	0	0	0	62	364	426	0	0	0	0	0	0	0	426
209 CNTR WEEDS FLD CROP	3	1.5	1.3	0.3	1.0	0	0	0	1	140	141	0	0	1	0	0	0	0	141
210 CNTR PESTS ANIMALS	1	1.3	0.0	0.4	0.2	0	0	0	0	94	94	0	0	0	0	0	0	0	94
211 CNTR DIS ANIMALS	1	11.6	0.0	10.0	0.0	0	0	0	0	16	16	0	111	0	0	46	0	0	172
211 CNTR DIS ANIMALS	15	5.7	5.1	12.9	5.0	0	0	0	40	313	353	0	0	0	0	0	0	0	353
212 CNTR INTER PARASITE	2	0.4	0.1	1.0	0.1	0	0	0	90	15	105	0	0	0	0	0	0	0	105
213 PROT ANHLS FROM TOX	3	1.1	1.0	5.8	0.0	0	0	0	0	93	93	0	0	0	0	0	0	0	93
214 PROTECT FROM POLLUT	7	1.7	0.1	2.4	2.0	0	0	0	51	71	122	0	6	0	0	200	0	0	329
SUBTOTAL	73	29.7	12.1	43.3	12.6	0	0	0	374	1451	1825	0	117	5	0	246	0	0	2193
SERIES 300																			
304 IMP BIO EFF FRT & V	36	14.4	5.2	20.4	50.9	0	0	0	153	1285	1438	0	0	14	0	0	0	0	1452
305 MECH PROD FRT & VEG	2	0.1	0.0	0.1	0.1	0	0	0	0	13	13	0	3	0	0	0	0	0	15
306 PROD NGMT SYS F & V	2	0.1	0.1	0.2	0.1	0	0	0	0	21	21	0	0	0	0	0	0	0	21
307 IMP BIO EFF FLD CROP	37	11.3	6.6	19.0	13.4	0	0	0	209	1389	1598	0	0	9	2	0	0	0	1609
307 IMP BIO EFF FLD CRP	1	1.0	1.5	0.4	0.0	0	0	0	0	75	75	0	0	62	0	0	0	0	137
308 MECH PROD FIELD CRO	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
309 PROD NGMT SYS FLD C	3	0.0	0.0	0.1	0.1	0	0	0	3	13	16	0	0	13	0	0	0	0	29
310 ANIMAL REPRODUCTION	17	10.2	3.7	11.5	10.2	0	0	0	25	1061	1086	0	0	4	45	0	0	0	1131
311 IMP BIO EFF ANML PR	28	12.7	3.4	18.7	13.8	0	0	0	436	1589	2024	0	0	4	38	0	0	0	2066
312 ENV STRESS IN ANML	2	0.8	0.2	0.3	0.0	0	0	0	74	0	74	0	0	0	0	0	0	0	74
313 PROD NGMT SYS ANML	10	6.4	1.5	4.3	2.0	0	0	0	54	418	473	0	0	0	0	0	0	0	473
314 BEES OTH POLINTNG I	1	0.0	0.0	3.0	1.0	0	0	0	0	21	21	0	0	0	0	0	0	0	21
315 IMP STRUC FARM SUPP	4	1.1	0.1	2.1	1.0	0	0	0	82	6	89	0	0	0	0	0	0	0	89
316 FARM BUSINESS NGMT	5	2.8	1.8	1.2	1.9	0	0	0	22	178	200	0	0	0	0	0	0	0	200
317 MECH/STRUCTS ANML P	1	0.1	0.0	0.0	0.1	0	0	0	0	0	0	5	0	0	0	0	0	0	5
318 NON-COR BIO TECH/BI	11	3.1	1.2	3.5	1.2	0	0	0	157	105	262	0	0	6	0	0	0	0	268
SUBTOTAL	161	64.0	25.4	84.7	95.5	0	0	0	1215	6174	7389	0	10	107	86	0	0	0	7592
SERIES 400																			
402 PROD F & V IMP ACCE	6	2.2	1.0	2.4	1.1	0	0	0	59	85	144	0	0	1	0	0	0	0	145
405 PROD FLD CROP IMP A	8	1.9	1.5	3.0	1.9	0	0	0	70	160	230	0	0	0	0	0	0	0	230
406 NEW IMP FOOD FLD CR	5	1.0	0.0	2.5	0.5	0	0	0	8	145	153	0	0	0	0	0	0	0	153
409 PROD ANML PR IMP AC	12	3.4	7.9	4.7	6.8	0	0	0	205	633	838	0	0	4	0	0	0	0	843
410 IMP HEAT MILK EGG P	2	0.2	0.1	0.8	0.2	0	0	0	0	53	53	0	0	0	0	0	0	0	53
411 IMP NON-FOOD ANML P	1	0.2	0.0	0.5	0.1	0	0	0	0	69	69	0	0	0	0	0	0	0	69
412 MKT QUAL ANIMAL PRO	2	0.5	0.5	1.2	0.3	0	0	0	8	89	97	0	0	0	0	0	0	0	97
SUBTOTAL	36	9.2	11.0	15.2	10.9	0	0	0	350	1234	1584	0	0	5	0	0	0	0	1589
SERIES 500																			
501 IMP GRADES & STANDS	1	0.5	0.0	1.5	0.0	0	0	0	0	24	24	0	0	0	0	0	0	0	24
503 MKTG EFF AGRI PRODS	3	0.9	0.1	0.5	0.3	0	0	0	32	0	32	0	0	0	0	0	0	0	32
506 SPLY DEMAND AND PRI	1	0.7	0.1	0.7	0.6	0	0	0	0	42	42	0	0	0	0	0	0	0	42
508 DOMESTIC MKT DEVELP	1	0.1	0.3	0.0	0.1	0	0	0	0	10	10	0	0	1	0	0	0	0	10
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
510 GROUP ACT MKT POWER	2	0.6	0.0	0.0	0.0	0	0	0	15	4	18	0	0	0	0	0	0	0	18
511 IMP AGRIC STATISTIC	2	0.2	0.3	0.2	0.3	0	0	0	4	22	26	0	0	0	0	0	0	0	26
SUBTOTAL	11	3.0	0.7	2.9	1.2	0	0	0	51	101	152	0	0	1	0	0	0	0	153
SERIES 700																			
701 TOX RES IN FOOD	8	5.8	1.1	2.5	5.9	0	0	0	41	368	409	0	6	0	0	0	0	0	416
702 FOOD PROT FROM TOX	6	3.1	0.5	2.3	3.5	0	0	0	47	232	279	0	13	0	0	0	0	0	292
703 FOOD CONSUMP HABITS	23	10.3	1.6	4.8	5.5	0	0	0	234	656	890	0	0	1	0	0	0	0	891
704 HOME COMM FOOD SERV	1	0.4	0.2	0.4	0.2	0	0	0	0	26	26	0	0	2	0	0	0	0	28
705 SEL CARE CLOTH & TE	6	1.6	2.7	0.5	0.4	0	0	0	37	131	168	0	0	2	0	0	0	0	170
708 HUMAN NUTRITION	39	16.8	4.7	15.9	12.7	0	0	0	363	1628	1991	0	0	1	0	0	0	0	1992
709 REDUCO HAZ HLTH & S	4	2.9	1.6	2.9	1.5	0	0	0	143	165	308	0	0	0	0	0	0	0	308
SUBTOTAL	87	40.9	12.3	29.3	29.7	0	0	0	866	3205	4071	0	19	6	0	0	0	0	4097
SERIES 800																			
801 RURAL HOUSING	4	3.7	0.8	1.2	2.8	0	0	0	78	43	121	0	0	0	0	0	0	0	121
802 INDIV & FAM DEC MAK	22	6.1	3.4	8.7	4.0	0	0	0	102	500	601	0	0	0	0	0	0	0	601
803 RURAL POVERTY	23	11.1	7.3	13.0	12.3	0	0	0	59	831	890	0	0	3	0	0	0	0	893
804 ECON POTENT RURL PE	20	7.0	4.5	5.0	6.3	0	0	0	149	441	590	0	0	0	0	0	0	0	590
805 COMMUNICAT RURL PE	12	3.3	2.4																

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-1 SUMMARY BY STATION OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF		OTHER	HATH	RRP	NCIM STEW	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
				SUPPORT PROF	YEARS TECH														
CONNECTICUT	NEW HAVEN	49	31.8	0.0	22.5	0.0	487	99	88	0	0	673	6	0	1640	0	0	0	2319
CONNECTICUT	STORRS	62	26.8	28.1	7.2	21.0	487	258	23	45	18	830	0	0	1409	0	0	0	2240
DIST OF COLUM	WASHINGTON	4	0.0	0.0	0.0	0.0	67	45	0	0	0	113	0	0	0	0	0	0	113
DELAWARE	NEWARK	106	25.7	36.3	2.1	22.3	676	270	61	100	17	1123	68	80	1720	310	50	176	3527
MASSACHUSETTS	AMHERST	120	42.1	61.6	43.4	44.3	1143	457	131	46	22	1798	270	352	2027	44	144	184	4821
MARYLAND	COLLEGE PA	181	70.3	51.0	67.6	52.5	1307	469	144	67	98	2085	0	15	4469	381	9	3	6958
MAINE	ORONO	121	63.4	60.1	42.5	31.7	946	372	315	35	25	1693	461	274	1663	513	408	710	5723
NEW HAMPSHIRE	DURHAM	75	27.1	37.9	8.6	18.5	761	268	170	24	16	1239	0	0	1114	161	0	0	2514
NEW JERSEY	NEW BRUNSW	319	96.6	76.9	82.5	48.4	1124	717	102	156	97	2197	160	915	8263	0	1533	539	13606
NEW YORK	ITHACA	690	275.0	331.3	236.2	211.7	2551	724	76	684	160	4195	1158	8231	12936	3514	1188	3918	35140
NEW YORK	GENEVA	127	65.7	61.4	53.9	32.5	279	351	0	226	0	856	84	143	4148	134	316	334	6015
PENNSYLVANIA	COLLEGE PA	318	134.3	7.1	295.8	115.7	3406	881	257	582	65	5192	557	642	6756	0	1023	517	14688
RHODE ISLAND	KINGSTON	47	27.5	32.7	6.0	13.0	629	277	42	85	15	1049	35	659	950	18	41	65	2817
VERMONT	BURLINGTON	66	25.2	14.8	34.2	9.8	811	232	0	30	20	1092	20	127	1036	0	234	0	2509
WEST VIRGINIA	MORGANTOWN	100	36.6	26.6	21.3	34.7	1556	390	225	24	36	2232	83	41	1597	440	71	33	4497
SUBTOTAL - SAES		2385	948.1	831.8	923.8	656.1	116230	5810	1634	2104	589	26367	29021	11479	49728	5515	5017	6476	107487
DEL STATE COL	DOVER	13	3.2	3.0	7.0	0.0	0	0	0	27	400	426	0	0	0	0	0	0	426
JOHN HOPKINS	BALTIMORE	1	11.6	0.0	10.0	0.0	0	0	0	0	16	16	0	111	0	0	46	0	172
MD. STATE COL	PRINCESS A	14	4.1	5.0	11.1	4.0	0	0	0	95	656	751	0	0	0	0	0	0	751
SUBTOTAL - OCI		28	18.9	8.0	28.1	4.0	0	0	0	122	1072	1193	0	111	0	0	46	0	1349
FORESTRY SCH	SYRACUSE	160	53.0	67.6	25.5	16.3	0	0	219	44	0	264	508	1198	2312	0	644	731	5657
FORESTRY SCH	BURLINGTON	10	5.1	0.9	4.8	1.7	0	0	189	0	0	189	37	0	234	6	47	21	535
SUBTOTAL - FRSTY SCH		170	58.1	68.5	30.3	18.0	0	0	408	44	0	453	545	1198	2546	6	691	752	6192
TOTAL		2583	1025.1	908.3	982.2	678.1	16228	5811	2043	2270	1661	28013	3446	12787	52277	5519	5756	7231	115029

SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-1 SUMMARY BY STATION OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF		OTHER	HATH	RRP	NCIM STEW	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
				SUPPORT PROF	YEARS TECH														
ALABAMA	AUBURN	219	133.8	103.4	115.3	231.9	2303	604	349	74	220	3550	407	802	7320	3983	581	371	17014
ARKANSAS	FAYETTEVIL	302	115.3	252.1	67.9	182.3	1957	530	343	398	91	3320	322	499	10397	339	864	971	16713
FLORIDA	GAINESVILL	642	382.1	119.6	627.3	395.4	1566	480	272	299	114	2731	1389	3061	34570	558	2296	677	45282
GEORGIA	ATHENS	377	177.5	68.3	274.1	263.0	2520	844	362	216	81	4024	696	264	21378	0	493	985	27841
KENTUCKY	LEXINGTON	208	114.7	141.7	106.5	21.6	1755	602	215	155	99	3960	0	87	8382	0	0	0	12429
LOUISIANA	BATON ROUG	521	213.7	0.0	0.0	0.0	1817	504	225	148	111	2805	132	530	17393	2941	1023	279	25103
MISSISSIPPI	STATE COLL	288	179.9	55.3	127.6	302.4	2416	710	319	360	41	3846	880	425	12285	1645	559	3598	23237
NORTH CAROLINA	RALPHIGH	536	242.1	408.5	368.5	255.2	3832	867	337	281	127	5444	660	2698	22149	976	1489	1623	35039
OKLAHOMA	STILLWATER	256	98.0	141.4	114.2	21.6	1755	435	185	263	163	2802	429	579	6030	969	490	489	11788
PUERTO RICO	RIO PIEDRA	83	90.8	32.5	83.7	544.4	2658	539	0	13	17	3227	0	0	9159	0	0	0	9850
SOUTH CAROLINA	CLEMSON	280	80.3	41.1	95.6	167.4	1987	499	0	47	23	2557	0	0	9159	0	0	0	11715
TENNESSEE	KNOXVILLE	191	118.8	115.2	53.3	202.0	2831	619	240	117	82	3889	38	2575	5982	3295	442	157	16378
TEXAS	COLLEGE ST	523	342.4	279.5	508.9	500.8	3588	881	144	361	436	5409	1528	740	20666	2223	6024	0	36589
VIRGINIA	BLACKSBURG	290	161.2	68.8	444.3	89.8	2429	566	301	136	96	3528	976	1799	12106	0	2052	1881	22343
VIRGIN ISLANDS	ST. THOMAS	9	5.5	1.0	3.1	13.0	294	43	0	4	0	340	0	0	160	0	0	0	500
SUBTOTAL - SAES		4725	2456.1	1828.4	2990.3	3387.3	34843	8723	3292	2872	1701	51432	74571	43731	93208	17940	16335	11077	311821
ALA TUSKEGEE	TUSKEGEE	55	19.1	12.3	64.9	12.1	0	0	0	122	1149	1271	0	0	0	0	0	0	1271
ALA A&H	MORHAL	24	3.5	0.0	11.4	2.4	0	0	0	92	1142	1234	0	0	0	0	0	0	1234
ARK A & H	PIKE BLUFF	25	11.5	14.6	2.2	9.6	0	0	0	227	979	1206	8	4	52	0	0	1	1271
FLORIDA A&H	TALLAHASSE	11	14.6	10.8	4.5	7.5	0	0	0	10	760	770	0	0	0	0	0	0	770
FT. VALLEY COL	FORT VALLE	31	9.0	5.1	19.6	13.8	0	0	0	219	1219	1438	0	0	0	1	0	0	1439
KY STATE COLL	FRANKFORT	29	12.6	0.0	15.6	3.3	0	0	0	217	1331	1548	0	0	0	0	0	0	1548
SOUTHERN UNIV	BATON ROUG	22	9.0	4.2	18.6	9.0	0	0	0	82	898	981	0	0	0	85	0	0	1065
ALCORN A&H	LORNAH	18	10.2	4.2	12.4	14.1	0	0	0	366	949	1315	0	0	0	0	0	0	1315
AG TECH WC.	GREENSBORO	42	31.1	10.8	24.3	18.9	0	0	0	694	1556	2250	0	0	0	0	0	0	2250
LANGSTON UNIV	LANGSTON	17	9.5	11.4	6.8	3.0	0	0	0	257	872	1130	0	0	0	0	0	0	1130
SC STATE COLL	ORANGEBURG	18	9.1	2.3	8.2	4.1	0	0	0	307	736	1042	0	0	0	0	0	0	1042
TENN A&H IND	WASHVILLE	28	16.5	14.4	3.0	15.1	0	0	0	339	1274	1613	0	0	0	0	0	0	1613
PRAIRIE VW A&H	PRAIRIE VI	17	22.0	10.7	11.6	13.5	0	0	0	607	1665	2272	5	46	39	0	0	0	2362
VA STATE COLL	PETERSBURG	29	17.4	1.0	13.6	70.7	0	0	0	485	1061	1546	0	10	0	0	0	0	1556
SUBTOTAL - OCI		366	195.1	101.8	216.7	197.1	0	0	0	4024	15591	19616	13	60	91	86	0	1	19866
FORESTRY SCH	RUSTON	7	2.7	0.0	0.7	0.0	0	0	92	0	0	92	0	0	159	0	0	0	251
FORESTRY SCH	CLEMSON	99	12.8	7.7	23.4	11.1	0	0	286	0	0	286	66	55	737	135	47	98	1425
FORESTRY SCH	WACOODOCHE	23	5.0	5.4	2.1	4.8	0	0	144	0	0	144	108	1	228	0	17	0	497
SUBTOTAL - FRSTY SCH		129	20.5	13.1	26.2	15.9	0	0	522	0	0	522	174	56	1124	135	64	98	2173
TOTAL		5220	2671.7	1943.3	3233.2	34843	8724	3813	6897	17291	7644	71567	14490	194423	18160	11176			333859

SARS REGION 3 NORTH CENTRAL REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-E-1 SUMMARY BY STATION OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF			OTHER	HATH	RRP	BCIN STR	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -RR	TOTAL
				SUPPORT PROF	YEARS TECH															
ILLINOIS	URBANA	327	160.5	253.6	80.7	199.2	3095	723	101	113	200	4233	517	1034	8013	2069	1296	668	17830	
INDIANA	LAPAYETTE	376	198.3	72.7	274.9	387.5	2831	656	172	405	142	4205	463	3807	11364	4123	1974	1066	27003	
IOWA	AMES	362	120.7	254.9	73.9	158.0	2920	951	101	284	86	4341	1532	1257	8432	989	2914	1765	21229	
KANSAS	MANHATTAN	489	201.7	300.7	161.2	68.2	1826	605	89	175	205	2899	693	1711	10851	4238	3665	123	24179	
MICHIGAN	LANSING	438	157.9	127.0	133.2	62.8	2860	642	103	603	143	4351	947	1537	8982	145	1658	1064	18684	
MINNESOTA	ST PAUL	365	182.7	150.4	130.8	229.4	2768	640	249	396	227	4280	1689	878	18386	0	1192	1169	27594	
MISSOURI	COLUMBIA	246	93.6	295.8	86.9	223.0	2685	571	233	307	165	3962	674	1663	8001	2091	127	981	17498	
NORTH DAKOTA	FARGO	260	115.5	83.0	117.0	39.1	1268	431	46	75	70	1889	150	305	10499	1194	538	614	15189	
NEBRASKA	LINCOLN	276	129.7	155.1	323.2	244.4	1702	668	67	208	253	2897	1875	738	9712	9566	800	384	25971	
OHIO	WOOSTER	328	116.2	52.3	244.2	0.0	3381	693	206	897	90	5266	155	280	13757	0	0	0	19458	
SOUTH DAKOTA	BROOKINGS	169	92.4	25.6	49.5	62.9	1295	434	73	23	172	1996	20	74	3480	0	207	1252	7029	
WISCONSIN	MADISON	520	155.4	415.5	82.5	82.4	2777	762	252	301	240	4332	540	7114	13662	0	2316	257	28222	
SUBTOTAL - SARS		4156	1724.6	2186.6	1758.0	1756.9	929408	7776	1692	3787	1993	44651	9255	20398	12513	9244	4151	16687	9343	249886
LINCOLN UNIV	JEFFERSON	11	5.6	4.8	4.9	8.0	0	0	0	0	1229	1229	0	0	0	0	0	0	1229	
SUBTOTAL - OCI		11	5.6	4.8	4.9	8.0	0	0	0	0	1229	1229	0	0	0	0	0	0	1229	
FORESTRY SCH	CARBONDALE	17	3.9	1.2	1.2	0.0	0	0	97	0	0	97	4	54	127	0	0	0	283	
FORESTRY SCH	AWB ARBOR	31	4.5	11.2	1.0	0.1	0	0	103	20	0	124	25	101	185	0	19	151	605	
FORESTRY SCH	HOUGHTON	28	8.3	10.1	6.5	8.3	0	0	103	0	0	103	19	14	424	0	723	189	1471	
SUBTOTAL - FRSTY SCH		76	16.7	22.5	8.7	8.4	0	0	303	20	0	324	48	169	736	0	742	340	2359	
TOTAL		4243	1746.9	2213.9	1771.6	1773.3	29407	7776	1993	3808	3221	46204	20569	9303	125874	24414	17427	9683	253474	

SARS REGION 4 WESTERN REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-E-1 SUMMARY BY STATION OF 1981 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

		NO OF PROJ	SYS	STAFF			OTHER	HATH	RRP	BCIN STR	SP GT	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -RR	TOTAL	
				SUPPORT PROF	YEARS TECH																
ALASKA	FAIRBANKS	30	8.2	0.7	14.7	10.6	631	103	172	210	12	1127	0	0	1895	0	0	0	3022		
ARIZONA	TUCSON	253	141.2	87.4	105.1	146.5	854	543	79	107	340	1922	938	1941	9715	185	1254	748	16705		
CALIFORNIA	BERKELEY	1234	528.9	1085.4	334.1	456.6	2478	1175	320	1213	240	5426	2552	10781	61495	324	6162	911	87652		
COLORADO	FT COLLINS	174	228.3	171.0	189.8	159.0	1134	700	0	400	261	2495	3067	10771	6470	1697	408	2217	27125		
GUAM	AGANA	16	8.5	2.6	1.2	14.9	422	84	0	6	0	512	0	0	364	0	0	0	877		
HAWAII	HONOLULU	204	92.5	20.6	10.5	136.9	674	275	83	54	9	1095	857	486	6312	0	116	363	9230		
IDaho	MOSCOW	144	62.6	33.6	88.4	18.4	1053	428	0	301	97	1880	715	767	4813	752	82	1184	10194		
MONTANA	BOZEMAN	167	79.5	66.9	60.3	153.3	1005	479	0	146	124	1754	86	623	3610	2295	844	261	9472		
NEVADA	RENO	102	38.0	31.6	25.9	13.4	620	262	56	10	31	979	86	2	2381	219	144	837	4648		
NEW MEXICO	UNIV PARK	136	64.9	40.7	13.5	68.7	885	289	134	5	107	1420	40	17	1995	46	88	0	3606		
OREGON	CORVALLIS	347	123.5	107.3	130.6	47.5	1311	679	0	541	126	2657	249	3033	8884	1968	1327	1513	19629		
UTAH	LOGAN	185	69.3	48.7	43.6	23.3	781	494	110	71	61	1517	685	782	4225	398	424	164	8196		
WASHINGTON	PULLMAN	321	131.0	114.1	194.8	244.5	1497	945	166	288	151	3048	861	2212	8559	2780	1800	813	20072		
WYOMING	LARAMIE	75	44.8	9.4	10.2	11.9	747	382	97	41	52	1319	58	73	2191	0	41	155	3837		
SUBTOTAL - SARS		3388	1621.2	1820.0	1222.7	1505.5	14092	6838	1217	3393	1611	2715	110	1943	1488	1229	910	664	12690	9166	224265
CALIFORNIA	SHAFER	1	1.0	1.5	0.4	0.0	0	0	0	0	75	75	0	0	62	0	0	0	137		
CALIFORNIA	WEBBURY PA	1	0.0	0.1	1.0	1.0	0	0	0	0	0	0	0	0	0	0	200	0	200		
SUBTOTAL - OCI		2	1.0	1.6	1.4	1.0	0	0	0	0	75	75	0	0	62	0	200	0	337		
FORESTRY SCH	FLAGSTAFF	10	3.5	3.8	1.7	1.4	0	0	75	0	0	75	0	0	97	0	0	0	172		
FORESTRY SCH	ARCATA	15	1.3	0.0	0.2	0.0	0	0	35	0	0	35	0	0	43	0	5	0	82		
FORESTRY SCH	FT COLLINS	22	5.7	6.9	6.1	9.4	0	0	154	0	0	154	0	322	283	0	0	52	812		
FORESTRY SCH	MOSCOW	119	40.9	44.4	11.4	0.2	0	0	234	2	0	236	791	987	1431	170	90	128	3833		
FORESTRY SCH	MISSOULA	18	8.6	9.1	3.5	2.0	0	0	211	0	0	211	116	228	346	0	98	162	1161		
FORESTRY SCH	CORVALLIS	131	57.3	62.9	17.8	40.4	0	0	380	0	0	380	1411	1119	2186	206	200	33	5536		
FORESTRY SCH	SEATTLE	20	51.1	15.9	11.3	13.1	0	0	203	0	0	203	400	1004	1279	0	657	571	4113		
SUBTOTAL - FRSTY SCH		335	168.4	143.0	52.0	66.5	0	0	1292	2	0	1294	2718	3660	5665	376	1050	946	15709		
TOTAL		3725	1790.6	1964.6	1276.1	1573.0	14091	6839	2510	3397	1684	28520	35149	12913	128638	11041	13939	10112	240313		