Appendix C.
Statistical Methodology

MAIL LIST MODEL

Classification analysis was performed to predict the probability that an addressee on the 1992 mail list operated a farm, and thereby separated the preliminary mail list into probable farm and probable nonfarm classes. The analysis was used to reduce the preliminary census mail list of 3.78 million records to a final mail list size of 3.55 million records. All 3.55 million addresses on the final mail list received a census of agriculture report form.

Records from the 1987 final census mail list were used to build a 1992 prediction model for the 1992 analysis. Classification and Regression Trees (CART) software analyzed characteristics of known 1987 farm and nonfarm operations to determine which were most useful in predicting farm and nonfarm classes. Record characteristics such as the source of the mail list record, number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. (Sources included the previous agriculture census mail list, the Internal Revenue Service administrative records, U.S. Department of Agriculture, and special commodity lists.) The proportion of 1987 census farm records in each model group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

After the model groups were defined, each address record on the 1992 preliminary mail list was assigned to a model group by matching record characteristics to model group characteristics. Records belonging to the groups with the highest farm probability were those more likely to be farms according to the classification tree methodology. The model, followed by analyst reviews, was used to remove 229,700 records from the preliminary mail list (those in model groups with the lowest farm probability), and thereby designated the 3.55 million records with the highest farm probability to receive the census report form. This procedure was used to obtain a more complete census enumeration of farm operations without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 3.55 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample form, the screener form, and the sample form. Sections 1 through 20 and 27 through 32 of the sample form are identical to sections on the nonsample form. The sample form, sections 21 through 26, contains additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, and farm-related income. The screener form is identical to the nonsample form with questions added in section 1 to allow quick identification of nonfarm addresses. These three different forms were used to reduce the response burden of the census, while providing reliable information on a large number of data items.

The sample form was mailed to all mail list records in Alaska, Hawaii, and Rhode Island, and to a sample of records in other States selected from the final mail list. Addresses were selected into the sample with certainty (1) if they were expected to have large total value of agricultural products sold or large acreage, (2) if they were multiunit operations (i.e., separate farms in more than one location), (3) if they had other special characteristics, or (4) if they were in a county with less than 100 farms in 1987. Other addresses in counties containing 100 to 199 farms in 1987 were systematically sampled at a rate of 1 in 2, and other addresses in counties containing 200 farms or more in 1987 were systematically sampled at a rate of 1 in 6. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties. When a nonsample large farm was identified during processing, a supplemental form that contained the additional sample data inquiries was mailed.

To determine which mail list records would receive the screener form, all mail list records not designated for the sample were sorted by model group farm probability as specified by the mail list model. The 412,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than $25,000 were designated to receive the screener report form. The remaining mail list records received the nonsample report form.

CENSUS ESTIMATION

The 1992 Census of Agriculture used two types of statistical estimation procedures. These estimation procedures accounted for nonresponse to the data collection and for the sample data collection. These procedures are necessary because some farm operators never respond to

the census despite numerous attempts to contact them, and the estimates for the sample data are based on a sample of farm operators rather than a full enumeration.

Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for nonrespondent farm operators to the census. We excluded large and unique farm operations that received intensive telephone followup during census processing, assuming complete response from them. A stratified systematic sample of remaining census nonrespondents were contacted by enumerators using a computer-assisted telephone interview system. Five sample strata were defined based on expected value of sales, previous census status, and whether the record was identified by the mail list model to receive the screener report form. The nonresponse survey telephone interview was designed to provide sufficient information to determine the farm status of each record.

In situations where the nonresponse survey case could not be contacted, the contact person refused to cooperate, or when no phone number could be obtained, a screener report form was sent by certified mail.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. The number of census nonrespondents that operated farms for each county by stratum was then derived. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Certain census respondent farms which exhibited ''rare'' commodities were designated as ''ineligible'' to represent census nonrespondent farms and were excluded from the nonresponse weighting operation. The procedure explained below was performed with only the eligible respondent cases: Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The noninteger nonresponse weight is the ratio of the sum of the estimated number of nonrespondent farms from the nonresponse survey and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the calculation of the final weight for the sample items. The noninteger nonresponse weight was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items for publication.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentages in these tables are the percents of the census values contributed by nonresponse estimation. These indicate the potential for bias in published figures resulting from nonresponse to the census. The estimates provided in these tables do not reflect the effect of item nonresponse to individual census data items. The effect of item nonresponse is discussed in the Census Nonsampling Error section.

Table A. **Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1992**

Item	Percent of total
Farms ---- number	19.7
Land in farms ---- acres	9.9
Estimated market value of land and buildings[1] ---- $1,000	4.1
Market value of agricultural products sold ---- $1,000	3.1
Harvested cropland ---- acres	6.2
Corn for grain or seed ---- acres	6.0
Wheat for grain ---- acres	4.0
Livestock and poultry inventory:	
Cattle and calves ---- number	12.1
Hogs and pigs ---- number	5.3
Hens and pullets of laying age ---- number	.1

[1]Data are based on a sample of farms.

Sample Estimation

Sample data estimates the population totals that would have resulted from a complete census for the items in sections 21 through 26 of the sample report form. The estimates were obtained from a ratio estimation procedure that resulted in the assignment of a weight to each respondent record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing over all sample records in the county.

Each respondent sample farm was assigned a sample weight for use in producing estimates for all sample items. For example, if the weight given to a sample farm had the value 6, all sample data items reported by that farm would be multiplied by 6. The weight assigned to a sample certainty farm was 1.

Other than certainty farms, within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1992 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The three sets of groups were as follows:

TVP	SIC	Acres
$1 to $999	01 All crops	1 to 69
$1,000 to $2,499	02 All livestock	70 or more
$2,500 to $4,999		
$5,000 to $9,999		
$10,000 to $24,999		
$25,000 to $49,999		
$50,000 to $99,999		
$100,000 or more		

The first step in the estimation procedure was to classify the sample records into 32 mutually exclusive initial post strata formed by the three sets of groups. The total and sample farm counts were expanded to account for nonresponse. Each cell containing sample farm records was assigned an initial sample weight equal to the ratio of the total farm count to the sample farm count. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the 32 initial post strata to increase the reliability of the ratio estimation procedure. Any stratum that contained less than 10 sample farms after nonresponse adjustment or had a weight greater than two times the mail sample rate was collapsed with another stratum. The mail sample rate was either 2 or 6, depending on whether the county had a 1 in 2 or 1 in 6 sample selection rate. The collapsing occurred within the initial 32 post strata according to a specified collapsing pattern. After the collapsing process was completed, new total farm counts and sample farm counts were computed from each of the final post strata and were used to calculate final sample weights.

The final step consisted of assigning the noninteger final post stratum weight to the sample farm records in each post stratum. The weight is the ratio of total farm count to sample farm count in each final post stratum. The noninteger sample weight, the product of the noninteger final post stratum weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the farms in a particular post stratum was 7.2, then 0.2 or one-fifth of the sample farms in this post stratum were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

CENSUS SAMPLING ERROR

The sample for the 1992 Census of Agriculture is only one of a large number of possible samples of the same size that could have been selected using the same sample design. Sample refers to the sample for both the nonresponse survey and the selection of farms to receive the sample report forms. Estimates derived from all the possible samples would differ from each other only by random variation.

The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of an estimate is defined as 100 times the standard error of the estimate divided by the value of the estimate.

If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.

2. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the average value of all possible samples.

The following example illustrates the computations necessary for producing a confidence interval for an estimate. Assume that the estimate of number of farms for a State is 94,382 and the relative standard error of the estimate is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error; therefore, a 90-percent confidence interval is 94,227 to 94,537 (i.e., 94,382 plus or minus 1.65 x 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 90 percent of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 95-percent confidence interval is 94,198 to 94,566 (i.e., 94,382 plus or minus 1.96 x 94).

Census items were classified as either complete count or sample count items. Complete count items were asked of all farm operators. Examples of complete count items were land in farms, harvested cropland, livestock inventory and sales, crop acreage, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics.

Sample count items were asked only of a sample of farm operators. These items appeared only in sections 21 through 26 of the sample report form. Sample count items were included under the following section headings: commercial fertilizers, chemicals, production expenses, farm machinery and equipment, value of land and buildings, and farm-related income.

Variability, measured as percent relative standard error, in the estimates of complete count items is due only to the nonresponse survey estimation procedure. Variability in the estimates of sample count items is due to both the nonresponse survey estimation procedure and the census sample selection and estimation procedure. Thus, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates.

Table B provides the generalized reliability estimates of the estimated number of farms in a county reporting complete count and sample count items. The top half of the table shows the percent relative standard error for estimated number of farms in a county reporting a complete count item and the bottom half a sample count item. These are derived from regression equations. Separate regression equations were used for complete count items and sample count items. Each regression equation was fit with the estimated number of farms in a county reporting an item as the independent variable and the relative variance of that estimate as the dependent variable for all counties in the State. For sample count items, only data

from counties sampled at a rate of 1 in 6 are used in the estimation of the regression equation.

Table B. **Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item or Sample Count Item: 1992**

Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM	
Number of farms reporting:	
25	6.1
50	4.3
75	3.4
100	2.9
150	2.3
200	1.9
300	1.4
500	.8
750	.6
1,000	.6
1,500	.5
2,000	(X)
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	37.3
50	26.1
75	21.1
100	18.1
150	14.5
200	12.3
300	9.6
500	6.7
750	4.6
1,000	3.0
1,500	2.5
2,000	(X)

To illustrate the use of this table, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 15, is 89. Since hogs and pigs is a complete count data item, refer to the first part of table B and use the estimated percent relative standard error of the estimate from the row with farm count equal to or just less than the estimated number of farms, 89. For this example, the percent relative standard error of the estimate comes from the row for 75 farms reporting. For sample count items, follow the same procedure using the second part of table B. For counties with fewer than 100 farms in the 1987 Census of Agriculture, variability in sample count item estimates comes only from nonresponse survey estimation procedures; thus, the estimated relative standard error for a sample count item in these counties may be obtained using the first part of table B.

Table C presents the percent relative standard error of selected State data items for all farms, and table D presents the percent relative standard error of selected State data items for all farms with sales of $10,000 or more.

Table E presents the percent standard error for percent change in State totals from 1987 to 1992. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1992 and the 1987 estimate for that characteristic to the 1987 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the percent relative standard error for State and county totals for selected data items. The percent relative standard error of the estimate for the same item differs among counties in the State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected jointly by sampling errors, described in the previous section, and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error and classification error.

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the high cost and availability of resources for enumeration place restrictions on feasible data collection methodologies. The past six agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

The past five censuses of agriculture have included approximately 91 percent of farms in the United States and approximately 96 percent of agriculture production. Complete enumeration of agricultural operations satisfying the farm definition of $1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used

by an operation, the number of operations in which an operator participates, the accuracy of data reporting, and other factors. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1992 Coverage Evaluation program will be published in volume 2, Subject Series (Part 2): Coverage Evaluation.

The evaluation of coverage for the 1992 census was designed to measure four components of error in the census mail list and in farm classification. Mail list error includes two components of error, a measurement of farms not on the census mail list (undercount) and a measurement of farms enumerated more than once in the census (overcount). Classification error includes two components of error, a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference between undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with mail enumeration for the census of agriculture is the difficulty encountered in compiling a complete mail list. The percentage of farms included on the census mail list varies considerably by State. Several reasons have contributed to farm operator names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in any of the agriculture-related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list are small in both acres and sales of agricultural products.

The 1992 Census of Agriculture Coverage Evaluation used the area segment sample of the 1992 June Agricultural Survey (JAS) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with NASS to augment the JAS data collection. The survey data collected by NASS will be protected under the confidentiality of title 13, U.S. Code. These JAS survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list coverage. Estimates of farms not on the census mail list are computed using a capture-recapture dual frame estimator which will be described in the Coverage Evaluation report mentioned earlier.

Table G provides coverage evaluation estimates for one component of coverage error associated with the census of agriculture; that is, the error due to farms not on the census mail list. Also provided are estimates of selected characteristics of farms not on the mail list, estimates of characteristics of farms not on the mail list as a percentage of total farms in the State, and the percent relative standard error associated with each estimate. The estimate of total farms in the State is based on census farm count plus the estimated number of farms not on the census mail list. This estimate of total farms in the State was not adjusted for the components of error associated with classification and list duplication error. Estimates of these errors will be made at the regional, rather than the State level, and will be provided in the Coverage Evaluation report mentioned earlier.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect classification of farms. This type of reporting error is measured by the Classification Error Survey discussed later in this section. To reduce all types of reporting error, detailed instructions for completing the report form were provided to each addressee. Questions were phrased as clearly as possible based on tests of the census report form and each respondent's answers were checked for completeness and consistency.

Item Nonresponse

As information flows from data collection to tabulation, various types of item nonresponses are identified on the report forms. Nonresponse to particular questions on the report form that logically should be present may create a type of nonsampling error in both complete count and sample count data. When information from reporting farms is used to edit or impute for item nonresponse, the data may be biased due to characteristics of the nonreporting respondents differing from those reporting the item. Any attempt to correct the data items may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

All phases of processing for each report form are sources for the introduction of nonsampling error. The processing of the report forms includes clerical screening for farm activity, computerized check-in of report forms and follow-up of nonrespondents, keying and transmittal of

completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

Classification Error

An evaluation study of classification errors was conducted in the 1992 Census of Agriculture as part of the census coverage evaluation program. A sample of census mail list respondents was selected, and these addresses were reenumerated to determine whether they were a farm or nonfarm. A farm status determination was made based on the evaluation report form and compared with the census farm status which was based on the data reported on the report form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. For the 1987 census, the classification error rate was higher for (1) farms with small values of sales, (2) farms with a small number of acres, (3) full-owner farms than part-owner or tenant farms, (4) operators with principal occupation other than farming, and (5) males than females. Results from the 1992 Classification Error Survey will be published in the Coverage Evaluation report.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

The Census of Agriculture Complex Edit and Imputation System performs the following functions:

- Ensuring reasonable relationships between/among data items, values for various sizes of farms, and combinations of commodities.
- Ensuring necessary consistencies are present. There are more than 70 distinct consistency requirements.
- Ensuring geographic, legal, and physical constraints are met.

The system must perform these and similar functions for 900 data keycodes for sample records and 850 data keycodes for nonsample records.

For the 1992 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. The complex edit and imputation system provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices.

Each execution of the computer edit consisted of records from only one State. The computer records were sorted by reported State and county. For a given execution of the edit, the stored entries in the various matrices were retained in memory only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that the data were keyed correctly. Edit referrals were generated for about 25 percent of the reports included as farms; they were reviewed for keying accuracy to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited.

Table C. **Reliability Estimates of State Totals for All Farms: 1992**

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			
Farms	number	20 242	1.5
Land in farms	acres	4 472 569	.6
Average size of farm	acres	221	1.6
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			
Total sales (see text)	farms	20 242	1.5
	$1,000	1 066 079	.2
Average per farm	dollars	52 667	1.5
Farms by value of sales:			
Less than $1,000 (see text)	farms	3 888	2.4
	$1,000	1 083	2.5
$1,000 to $2,499	farms	3 453	2.1
	$1,000	5 815	2.1
$2,500 to $4,999	farms	3 317	1.7
	$1,000	11 813	1.7
$5,000 to $9,999	farms	2 897	1.5
	$1,000	20 357	1.5
$10,000 to $19,999	farms	1 906	1.4
	$1,000	26 552	1.4
$20,000 to $24,999	farms	522	1.8
	$1,000	11 536	1.8
$25,000 to $39,999	farms	934	1.6
	$1,000	29 501	1.6
$40,000 to $49,999	farms	367	1.9
	$1,000	16 285	1.9
$50,000 to $99,999	farms	937	1.1
	$1,000	66 982	1.1
$100,000 to $249,999	farms	947	–
	$1,000	156 078	–
$250,000 to $499,999	farms	607	–
	$1,000	215 503	–
$500,000 or more	farms	467	–
	$1,000	504 573	–
Sales by commodity or commodity group:			
Crops, including nursery and greenhouse crops	farms	9 610	1.3
	$1,000	562 036	.2
Grains	farms	5 568	1.2
	$1,000	145 703	.3
Corn for grain	farms	3 188	1.1
	$1,000	51 367	.4
Wheat	farms	2 154	.9
	$1,000	32 199	.3
Soybeans	farms	3 922	1.1
	$1,000	59 730	.3
Sorghum for grain	farms	68	3.0
	$1,000	324	2.1
Barley	farms	50	3.6
	$1,000	250	3.5
Oats	farms	337	1.7
	$1,000	917	1.4
Other grains	farms	221	1.5
	$1,000	916	.6
Cotton and cottonseed	farms	857	.8
	$1,000	66 675	.2
Tobacco	farms	1 960	1.1
	$1,000	163 362	.3
Hay, silage, and field seeds	farms	2 173	1.6
	$1,000	9 408	1.3
Vegetables, sweet corn, and melons	farms	1 414	1.7
	$1,000	45 677	.3
Fruits, nuts, and berries	farms	530	1.7
	$1,000	37 628	.2
Nursery and greenhouse crops	farms	597	1.9
	$1,000	81 853	.3
Other crops	farms	405	1.8
	$1,000	11 731	.5
Livestock, poultry, and their products	farms	11 961	1.4
	$1,000	504 043	.2
Poultry and poultry products	farms	687	1.3
	$1,000	297 393	(L)
Dairy products	farms	299	1.2
	$1,000	60 642	.2
Cattle and calves	farms	9 337	1.3
	$1,000	79 269	.8
Hogs and pigs	farms	2 048	1.7
	$1,000	56 779	.4
Sheep, lambs, and wool	farms	115	3.3
	$1,000	113	5.4
Other livestock and livestock products (see text)	farms	1 299	2.3
	$1,000	9 848	1.7
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	997	2.0
	$1,000	4 556	1.1

Item		Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]			
Total farm production expenses	farms	20 242	1.3
	$1,000	897 923	.4
Average per farm	dollars	44 359	1.4
Livestock and poultry purchased	farms	4 902	2.8
	$1,000	66 195	1.0
Feed for livestock and poultry	farms	10 173	1.9
	$1,000	199 673	.5
Commercially mixed formula feeds	farms	4 059	3.0
	$1,000	166 156	.3
Seeds, bulbs, plants, and trees	farms	9 426	1.8
	$1,000	25 051	1.2
Commercial fertilizer	farms	14 759	1.5
	$1,000	83 614	1.0
Agricultural chemicals	farms	8 987	1.8
	$1,000	57 191	.8
Petroleum products	farms	19 079	1.3
	$1,000	54 384	.8
Electricity	farms	10 736	1.7
	$1,000	16 156	.8
Hired farm labor	farms	6 956	2.0
	$1,000	111 836	.5
Contract labor	farms	1 916	4.0
	$1,000	15 223	1.2
Repair and maintenance	farms	16 201	1.4
	$1,000	56 450	.9
Customwork, machine hire, and rental of machinery and equipment	farms	4 940	2.7
	$1,000	12 115	3.2
Interest expense	farms	6 503	2.3
	$1,000	40 773	1.4
Secured by real estate	farms	4 864	2.7
	$1,000	29 462	1.8
Not secured by real estate	farms	2 837	3.2
	$1,000	11 311	1.5
Cash rent	farms	5 526	2.2
	$1,000	41 223	1.1
Property taxes	farms	18 991	1.4
	$1,000	16 823	1.4
All other farm production expenses	farms	16 701	1.4
	$1,000	101 217	.4
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT) [1]			
All farms	number	20 242	1.3
	$1,000	157 727	1.5
Average per farm	dollars	7 792	2.0
Farms with net gains [2]	number	8 568	1.8
	$1,000	217 294	.8
Average net gain	dollars	25 361	2.0
Farms with net losses	number	11 674	1.9
	$1,000	59 566	2.3
Average net loss	dollars	5 102	3.0
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME			
Government payments	farms	4 334	.9
	$1,000	32 296	.4
Other farm-related income [1]	farms	3 474	3.5
	$1,000	18 942	4.9
Customwork and other agricultural services	farms	1 288	6.1
	$1,000	7 099	10.1
Gross cash rent or share payments	farms	1 403	5.6
	$1,000	3 955	8.1
Forest products and Christmas trees	farms	782	7.0
	$1,000	6 697	6.7
Other farm-related income sources	farms	476	8.4
	$1,000	1 192	12.5
COMMODITY CREDIT CORPORATION LOANS			
Total	farms	603	1.1
	$1,000	11 857	.3

See footnotes at end of table.

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TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table C. **Reliability Estimates of State Totals for All Farms: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE		
Total cropland — farms	18 037	1.4
acres	2 588 525	.5
Harvested cropland — farms	14 587	1.4
acres	1 590 794	.4
Farms by acres harvested:		
1 to 9 acres — farms	3 374	2.1
acres	15 282	2.1
10 to 19 acres — farms	2 773	1.8
acres	36 413	1.8
20 to 29 acres — farms	1 787	1.7
acres	40 658	1.7
30 to 49 acres — farms	1 824	1.5
acres	66 973	1.5
50 to 99 acres — farms	1 855	1.3
acres	124 496	1.3
100 to 199 acres — farms	1 193	1.1
acres	162 787	1.1
200 to 499 acres — farms	999	.7
acres	307 175	.6
500 to 999 acres — farms	474	.2
acres	330 951	.2
1,000 acres or more — farms	308	–
acres	506 059	–
Cropland:		
Pasture or grazing only — farms	9 035	1.4
acres	512 811	1.0
Other cropland — farms	6 941	1.3
acres	484 920	.6
Total woodland — farms	12 970	1.3
acres	1 431 055	.8
Pastureland and rangeland other than cropland and woodland pastured — farms	3 480	1.5
acres	280 228	.8
Land in house lots, ponds, roads, wasteland, etc. — farms	11 207	1.4
acres	172 761	.9
Irrigated land — farms	1 219	1.4
acres	75 681	.4
Acres irrigated:		
1 to 9 acres — farms	705	2.1
acres	1 949	2.1
10 to 49 acres — farms	236	1.7
acres	5 129	1.8
50 to 99 acres — farms	80	1.8
acres	5 338	1.8
100 to 199 acres — farms	83	2.0
acres	11 180	2.0
200 to 499 acres — farms	81	.7
acres	25 232	.6
500 to 999 acres — farms	29	–
acres	19 103	–
1,000 acres or more — farms	5	–
acres	7 750	–
Harvested cropland irrigated — farms	1 158	1.4
acres	73 312	.4
Pasture and other land irrigated — farms	101	3.5
acres	2 369	4.3
Land under federal acreage reduction programs:		
Diverted under annual commodity programs — farms	1 862	.8
acres	36 126	.2
Conservation Reserve or Wetlands Reserve Programs — farms	1 775	1.1
acres	125 229	.9
VALUE OF LAND AND BUILDINGS [1]		
Estimated market value of land and buildings — farms	20 242	1.3
$1,000	5 092 544	1.3
Average per farm — dollars	251 583	1.9
Average per acre — dollars	1 137	1.7
VALUE OF MACHINERY AND EQUIPMENT [1]		
Estimated market value of all machinery and equipment — farms	20 187	1.3
$1,000	667 725	1.0
Average per farm — dollars	33 077	1.7
AGRICULTURAL CHEMICALS [1]		
Commercial fertilizer — farms	14 668	1.5
acres on which used	1 603 160	1.0

Item	Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR		
All operators — farms	20 242	1.5
acres	4 472 569	.6
Full owners — farms	12 340	1.6
acres	1 857 011	1.0
Part owners — farms	6 407	1.1
acres	2 302 150	.4
Tenants — farms	1 495	2.1
acres	313 408	.8
OWNED AND RENTED LAND		
Land owned — farms	18 780	1.4
acres	3 075 408	.8
Owned land in farms — farms	18 747	1.4
acres	2 918 627	.8
Land rented or leased from others — farms	7 960	1.3
acres	1 571 565	.5
landlords	23 673	.8
Rented or leased land in farms — farms	7 902	1.3
acres	1 553 942	.5
Land rented or leased to others — farms	2 008	1.7
acres	174 404	1.6
OPERATOR CHARACTERISTICS		
Operators by place of residence:		
On farm operated	14 113	1.4
Not on farm operated	4 211	1.7
Not reported	1 918	1.5
Operators by principal occupation:		
Farming	8 866	1.0
Other	11 376	1.9
Operators by days worked off farm:		
Any	11 271	1.8
200 days or more	8 326	1.9
Operators by sex:		
Male — farms	18 617	1.4
acres	4 224 242	.6
Female — farms	1 625	1.9
acres	248 327	1.4
Average age of operator — years	55.5	2.0
FARMS BY TYPE OF ORGANIZATION		
Individual or family (sole proprietorship) — farms	17 933	1.5
acres	3 332 552	.7
Partnership — farms	1 621	1.4
acres	720 777	.5
Corporation:		
Family held — farms	472	1.2
acres	327 539	.5
More than 10 stockholders — farms	17	4.4
10 or less stockholders — farms	455	1.2
Other than family held — farms	75	3.0
acres	38 226	1.3
More than 10 stockholders — farms	7	8.2
10 or less stockholders — farms	68	3.2
Other—cooperative, estate or trust, institutional, etc. — farms	141	3.0
acres	53 475	1.4
HIRED FARM LABOR		
Hired workers by days worked:		
150 days or more — farms	3 105	2.7
workers	9 049	1.3
Less than 150 days — farms	6 284	2.2
workers	29 077	2.1
INJURIES AND DEATHS		
Farm-related injuries:		
Operator and family members — farms	117	2.8
number	149	2.9
Hired workers — farms	136	1.1
number	266	.7
Farm-related deaths:		
Operator and family members — farms	3	16.7
number	3	16.7
Hired workers — farms	2	–
number	(D)	(D)

See footnotes at end of table.

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Table C. **Reliability Estimates of State Totals for All Farms: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Relative standard error of estimate (percent)
FARMS BY SIZE			
1 to 9 acres	farms	1 302	2.7
	acres	5 886	2.9
10 to 49 acres	farms	5 495	2.2
	acres	152 331	2.1
50 to 69 acres	farms	2 077	1.9
	acres	121 313	1.9
70 to 99 acres	farms	2 135	1.6
	acres	176 956	1.6
100 to 139 acres	farms	2 036	1.5
	acres	236 077	1.5
140 to 179 acres	farms	1 343	1.5
	acres	210 735	1.5
180 to 219 acres	farms	957	1.5
	acres	188 782	1.5
220 to 259 acres	farms	737	1.5
	acres	175 286	1.5
260 to 499 acres	farms	2 005	1.1
	acres	709 667	1.1
500 to 999 acres	farms	1 263	.9
	acres	860 927	.8
1,000 to 1,999 acres	farms	642	–
	acres	866 326	–
2,000 acres or more	farms	250	–
	acres	768 283	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			
Cash grains (011)	farms	2 742	1.6
	acres	888 751	.7
Field crops, except cash grains (013)	farms	3 211	1.3
	acres	1 085 959	.5
Vegetables and melons (016)	farms	824	2.2
	acres	100 666	1.3
Fruits and tree nuts (017)	farms	743	2.1
	acres	125 795	1.2
Horticultural specialties (018)	farms	539	1.9
	acres	41 919	.9
General farms, primarily crop (019)	farms	685	2.0
	acres	283 484	.6
Livestock, except dairy, poultry, and animal specialties (021)	farms	9 364	1.5
	acres	1 530 448	.9
Dairy farms (024)	farms	252	1.2
	acres	125 976	.4
Poultry and eggs (025)	farms	513	.8
	acres	84 651	.8
Animal specialties (027)	farms	1 088	2.5
	acres	90 766	2.1
General farms, primarily livestock and animal specialties (029)	farms	281	2.6
	acres	114 154	1.9
LIVESTOCK			
Cattle and calves inventory	farms	10 026	1.4
	number	451 719	.8
Beef cows	farms	8 998	1.3
	number	222 566	.9
Milk cows	farms	540	1.6
	number	31 923	.2
LIVESTOCK—Con.			
Cattle and calves sold	farms	9 337	1.3
	number	200 396	.8
	$1,000	79 269	.8
Hogs and pigs inventory	farms	2 237	1.7
	number	327 572	.5
Hogs and pigs sold	farms	2 048	1.7
	number	637 592	.4
	$1,000	56 779	.4
Sheep and lambs of all ages inventory	farms	169	2.9
	number	3 144	4.3
Sheep and lambs sold	farms	92	3.6
	number	1 814	5.2
Horses and ponies inventory	farms	3 227	1.9
	number	19 402	1.8
Horses and ponies sold	farms	795	2.5
	number	3 553	2.5
POULTRY			
Chickens 3 months old or older inventory	farms	920	2.3
	number	5 739 400	.1
Hens and pullets of laying age	farms	895	2.3
	number	5 245 525	(L)
Broilers and other meat-type chickens sold	farms	292	.7
	number	106 171 059	.1
CROPS HARVESTED			
Corn for grain or seed	farms	4 346	1.2
	acres	311 947	.4
	bushels	27 192 657	.4
Corn for silage or green chop	farms	332	1.7
	acres	23 296	.5
	tons, green	333 549	.6
Wheat for grain	farms	2 237	.9
	acres	240 634	.3
	bushels	10 470 395	.3
Barley for grain	farms	113	2.2
	acres	4 933	2.0
	bushels	253 913	1.6
Oats for grain	farms	919	1.3
	acres	23 957	1.0
	bushels	1 314 622	.9
Cotton	farms	861	.8
	acres	191 690	.2
	bales	223 658	.2
Tobacco	farms	1 965	1.1
	acres	50 194	.4
	pounds	104 627 617	.3
Soybeans for beans	farms	4 015	1.1
	acres	532 909	.4
	bushels	11 521 171	.3
Irish potatoes	farms	126	3.3
	acres	979	6.6
	cwt	(D)	(D)
Sweetpotatoes	farms	180	2.5
	acres	1 765	1.1
	bushels	276 373	.9
Peanuts for nuts	farms	199	2.1
	acres	12 682	.3
	pounds	30 840 389	.3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	7 056	1.3
	acres	244 228	1.0
	tons, dry	481 619	.9
Vegetables harvested for sale (see text)	farms	1 420	1.7
	acres	38 545	.7
Land in orchards	farms	1 157	1.9
	acres	42 075	.5

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

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Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1992

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms — number	6 687	.8
Land in farms — acres	3 024 952	.4
Average size of farm — acres	452	.9
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) — farms	6 687	.8
$1,000	1 027 012	.2
Average per farm — dollars	153 583	.9
Farms by value of sales:		
$10,000 to $19,999 — farms	1 906	1.4
$1,000	26 552	1.4
$20,000 to $24,999 — farms	522	1.8
$1,000	11 536	1.8
$25,000 to $39,999 — farms	934	1.6
$1,000	29 501	1.6
$40,000 to $49,999 — farms	367	1.9
$1,000	16 285	1.9
$50,000 to $99,999 — farms	937	1.1
$1,000	66 982	1.1
$100,000 to $249,999 — farms	947	–
$1,000	156 078	–
$250,000 to $499,999 — farms	607	–
$1,000	215 503	–
$500,000 or more — farms	467	–
$1,000	504 573	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops — farms	4 881	.9
$1,000	548 227	.2
Grains — farms	3 387	.8
$1,000	139 928	.3
Corn for grain — farms	2 114	.8
$1,000	49 338	.3
Wheat — farms	1 708	.7
$1,000	31 270	.3
Soybeans — farms	2 752	.8
$1,000	57 120	.3
Sorghum for grain — farms	48	2.8
$1,000	294	2.1
Barley — farms	38	3.4
$1,000	222	3.4
Oats — farms	231	1.6
$1,000	799	1.4
Other grains — farms	186	1.3
$1,000	884	.6
Cotton and cottonseed — farms	786	.7
$1,000	66 402	.2
Tobacco — farms	1 663	1.0
$1,000	162 027	.3
Hay, silage, and field seeds — farms	698	1.3
$1,000	6 445	1.3
Vegetables, sweet corn, and melons — farms	670	1.1
$1,000	43 819	.3
Fruits, nuts, and berries — farms	265	1.5
$1,000	37 019	.2
Nursery and greenhouse crops — farms	393	1.8
$1,000	81 119	.3
Other crops — farms	246	1.4
$1,000	11 469	.5
Livestock, poultry, and their products — farms	3 665	.9
$1,000	478 784	.1
Poultry and poultry products — farms	475	.5
$1,000	297 202	(L)
Dairy products — farms	274	1.1
$1,000	(D)	(D)
Cattle and calves — farms	2 652	.9
$1,000	58 333	.7
Hogs and pigs — farms	958	1.2
$1,000	54 477	.4
Sheep, lambs, and wool — farms	25	4.2
$1,000	(D)	(D)
Other livestock and livestock products (see text) — farms	298	2.2
$1,000	8 167	1.8
Value of agricultural products sold directly to individuals for human consumption (see text) — farms	313	1.7
$1,000	3 760	1.0

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses — farms	6 499	1.2
$1,000	830 167	.3
Average per farm — dollars	127 738	1.3
Livestock and poultry purchased — farms	1 992	3.1
$1,000	61 415	.9
Feed for livestock and poultry — farms	3 003	2.4
$1,000	192 563	.5
Commercially mixed formula feeds — farms	1 617	3.5
$1,000	164 333	.3
Seeds, bulbs, plants, and trees — farms	4 672	1.6
$1,000	23 574	1.3
Commercial fertilizer — farms	5 650	1.4
$1,000	73 356	1.0
Agricultural chemicals — farms	4 623	1.7
$1,000	54 936	.8
Petroleum products — farms	6 385	1.2
$1,000	47 643	.8
Electricity — farms	5 214	1.6
$1,000	14 743	.8
Hired farm labor — farms	3 944	2.0
$1,000	109 887	.5
Contract labor — farms	1 066	4.1
$1,000	14 572	1.2
Repair and maintenance — farms	5 999	1.3
$1,000	47 563	.8
Customwork, machine hire, and rental of machinery and equipment — farms	2 459	2.9
$1,000	10 683	3.5
Interest expense — farms	3 594	2.2
$1,000	34 061	1.1
Secured by real estate — farms	2 570	2.7
$1,000	23 480	1.6
Not secured by real estate — farms	1 936	3.2
$1,000	10 581	1.4
Cash rent — farms	3 486	2.2
$1,000	39 887	1.1
Property taxes — farms	6 103	1.3
$1,000	9 835	1.4
All other farm production expenses — farms	6 498	1.2
$1,000	95 451	.4
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT) [1]		
All farms — number	6 499	1.2
$1,000	185 899	1.1
Average per farm — dollars	28 604	1.6
Farms with net gains [2] — number	4 738	1.8
$1,000	210 505	.8
Average net gain — dollars	44 429	2.0
Farms with net losses — number	1 761	4.0
$1,000	24 606	3.1
Average net loss — dollars	13 973	5.1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments — farms	2 664	.7
$1,000	28 255	.3
Other farm-related income [1] — farms	1 257	4.7
$1,000	11 816	6.4
Customwork and other agricultural services — farms	564	7.9
$1,000	5 635	12.3
Gross cash rent or share payments — farms	405	8.4
$1,000	1 621	6.9
Forest products and Christmas trees — farms	256	9.3
$1,000	3 858	7.7
Other farm-related income sources — farms	255	8.2
$1,000	703	6.3
COMMODITY CREDIT CORPORATION LOANS		
Total — farms	503	.9
$1,000	11 739	.3

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 4
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Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1992—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	6 329	.9
	acres	2 000 369	.4
Harvested cropland	farms	5 908	.8
	acres	1 403 949	.3
Cropland:			
Pasture or grazing only	farms	2 525	.9
	acres	246 568	.9
Total woodland	farms	4 241	.9
	acres	773 226	.5
Pastureland and rangeland other than cropland and woodland pastured	farms	941	1.0
	acres	159 213	.7
Land in house lots, ponds, roads, wasteland, etc.	farms	3 626	.9
	acres	92 144	.6
Irrigated land	farms	765	1.0
	acres	73 088	.4
Harvested cropland irrigated	farms	748	1.0
	acres	71 268	.4
Pasture and other land irrigated	farms	43	2.9
	acres	1 820	3.8
Land under federal acreage reduction programs:			
Diverted under annual commodity programs	farms	1 577	.7
	acres	(D)	(D)
Conservation Reserve or Wetlands Reserve Programs	farms	937	.9
	acres	79 695	.7
VALUE OF LAND AND BUILDINGS [1]			
Estimated market value of land and buildings	farms	6 499	1.2
	$1,000	2 986 333	1.5
Average per farm	dollars	459 507	1.9
Average per acre	dollars	1 004	1.9
VALUE OF MACHINERY AND EQUIPMENT [1]			
Estimated market value of all machinery and equipment	farms	6 499	1.2
	$1,000	472 216	1.0
Average per farm	dollars	72 660	1.6
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	5 631	1.4
	acres on which used	1 352 823	1.0
TENURE OF OPERATOR			
All operators	farms	6 687	.8
	acres	3 024 952	.4
Full owners	farms	2 592	1.1
	acres	823 065	.7
Part owners	farms	3 389	.8
	acres	1 942 029	.3
Tenants	farms	706	1.4
	acres	259 858	.6
OWNED AND RENTED LAND			
Land owned	farms	5 995	.8
	acres	1 770 244	.5
Owned land in farms	farms	5 981	.8
	acres	1 701 307	.5
Land rented or leased from others	farms	4 127	.8
	acres	1 336 483	.3
	landlords	16 985	.6
Rented or leased land in farms	farms	4 095	.8
	acres	1 323 645	.3
Land rented or leased to others	farms	732	1.5
	acres	81 775	1.4
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		4 622	.9
Not on farm operated		1 423	1.2
Not reported		642	1.0
Operators by principal occupation:			
Farming		4 552	.7
Other		2 135	1.3
Operators by days worked off farm:			
Any		2 754	1.2
200 days or more		1 722	1.4
Operators by sex:			
Male		6 298	.8
Female		389	1.8
Average age of operator	years	53.8	1.2

Item		Total	Relative standard error of estimate (percent)
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	5 366	.9
	acres	2 073 830	.5
Partnership	farms	868	1.1
	acres	591 524	.4
Corporation:			
Family held	farms	354	1.0
	acres	294 402	.4
More than 10 stockholders	farms	17	4.4
10 or less stockholders	farms	337	1.0
Other than family held	farms	46	2.9
	acres	26 855	1.4
More than 10 stockholders	farms	3	12.3
10 or less stockholders	farms	43	3.0
Other—cooperative, estate or trust, institutional, etc.	farms	53	3.6
	acres	38 341	1.3
HIRED FARM LABOR			
Hired workers by days worked:			
150 days or more	farms	2 165	2.3
	workers	8 076	1.2
Less than 150 days	farms	3 359	2.3
	workers	22 817	2.2
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	55	2.6
	number	75	2.8
Hired workers	farms	125	.7
	number	254	.5
Farm-related deaths:			
Operator and family members	farms	1	–
	number	(D)	(D)
Hired workers	farms	2	–
	number	(D)	(D)
FARMS BY SIZE			
1 to 9 acres		247	2.3
10 to 49 acres		693	1.8
50 to 69 acres		334	2.0
70 to 99 acres		437	1.8
100 to 139 acres		570	1.6
140 to 179 acres		532	1.7
180 to 219 acres		444	1.7
220 to 259 acres		358	1.7
260 to 499 acres		1 256	1.0
500 to 999 acres		1 008	.8
1,000 to 1,999 acres		580	–
2,000 acres or more		228	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			
Cash grains (011)		1 088	1.1
Field crops, except cash grains (013)		1 880	1.0
Vegetables and melons (016)		261	1.8
Fruits and tree nuts (017)		176	1.8
Horticultural specialties (018)		362	1.9
General farms, primarily crop (019)		221	1.3
Livestock, except dairy, poultry, and animal specialties (021)		1 874	1.1
Dairy farms (024)		233	1.1
Poultry and eggs (025)		442	.5
Animal specialties (027)		135	3.1
General farms, primarily livestock and animal specialties (029)		15	6.9
LIVESTOCK			
Cattle and calves inventory	farms	2 665	.9
	number	279 709	.6
Beef cows	farms	2 310	1.0
	number	124 548	.8
Milk cows	farms	309	1.1
	number	31 395	.2
Cattle and calves sold	farms	2 652	.9
	number	138 225	.8
	$1,000	58 333	.7
Hogs and pigs inventory	farms	949	1.2
	number	303 378	.4
Hogs and pigs sold	farms	958	1.2
	number	608 118	.4
	$1,000	54 477	.4
Sheep and lambs of all ages inventory	farms	40	3.6
	number	1 082	3.6
Sheep and lambs sold	farms	22	4.8
	number	(D)	(D)
Horses and ponies inventory	farms	622	1.4
	number	5 977	2.1
Horses and ponies sold	farms	179	2.6
	number	2 118	3.3

See footnotes at end of table.

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Table D. **Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1992**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Relative standard error of estimate (percent)
POULTRY		
Chickens 3 months old or older inventory ---- farms	198	1.9
number	5 719 853	.1
Hens and pullets of laying age ---- farms	190	1.9
number	5 228 931	(L)
Broilers and other meat-type chickens sold ---- farms	277	.5
number	106 170 294	.1
CROPS HARVESTED		
Corn for grain or seed ---- farms	2 501	.8
acres	289 463	.4
bushels	25 921 292	.3
Corn for silage or green chop ---- farms	228	1.2
acres	22 233	.4
tons, green	316 886	.5
Wheat for grain ---- farms	1 723	.7
acres	229 349	.3
bushels	10 123 792	.3
CROPS HARVESTED—Con.		
Barley for grain ---- farms	88	2.0
acres	4 502	1.8
bushels	237 776	1.5
Oats for grain ---- farms	573	1.2
acres	20 016	.9
bushels	1 145 541	.8
Cotton ---- farms	787	.7
acres	190 384	.2
bales	222 654	.2
Tobacco ---- farms	1 663	1.0
acres	495 353	.4
pounds	103 620 060	.3
Soybeans for beans ---- farms	2 763	.8
acres	501 071	.3
bushels	10 972 263	.3
Irish potatoes ---- farms	53	3.9
acres	889	7.3
cwt	138 121	4.5
Sweetpotatoes ---- farms	92	2.7
acres	1 615	1.0
bushels	257 501	.8
Peanuts for nuts ---- farms	130	1.5
acres	12 519	.3
pounds	30 552 426	.3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms	2 227	.9
acres	136 674	.8
tons, dry	318 742	.8
Vegetables harvested for sale (see text) ---- farms	671	1.1
acres	34 404	.6
Land in orchards ---- farms	314	1.4
acres	34 949	.3

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

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Table E. **Reliability Estimates of Percent Change in State Totals: 1987 to 1992**

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms		Farms with sales of $10,000 or more	
		Percent change from 1987 to 1992	Standard error of estimate	Percent change from 1987 to 1992	Standard error of estimate
Farms	number	–1.3	1.5	.1	1.0
Land in farms	acres	–6.0	.6	–7.9	.4
Average size of farm	acres	–4.7	1.6	–7.9	1.0
Estimated market value of land and buildings [1]:					
Average per farm	dollars	25.1	2.7	20.7	2.7
Average per acre	dollars	30.5	2.9	29.2	3.1
Estimated market value of all machinery and equipment [1]:					
Average per farm	dollars	5.8	2.2	11.9	2.3
Farms by size:					
1 to 9 acres		–2.6	2.9	16.5	3.3
10 to 49 acres		1.1	2.4	6.1	2.3
50 to 179 acres		–2.0	1.6	5.6	1.6
180 to 499 acres		–1.7	1.2	–2.5	1.2
500 to 999 acres		–3.1	1.1	–6.0	1.0
1,000 to 1,999 acres		–4.6	–	–6.8	–
2,000 acres or more		–4.9	–	–4.2	–
Total cropland	farms	–2.9	1.5	–.6	1.0
	acres	–3.6	.6	–3.3	.4
Harvested cropland	farms	–6.2	1.4	–2.0	.9
	acres	.1	.5	1.9	.4
Irrigated land	farms	.2	1.6	–4.3	1.2
	acres	–6.2	.6	–5.9	.6
Market value of agricultural products sold	$1,000	21.3	.3	22.5	.3
Average per farm	dollars	23.0	1.9	22.4	1.2
Crops, including nursery and greenhouse crops	$1,000	24.5	.4	25.6	.3
Livestock, poultry, and their products	$1,000	17.9	.3	19.2	.3
Farms by value of sales:					
Less than $2,500		–1.1	1.7	(X)	(X)
$2,500 to $4,999		–5.7	1.8	(X)	(X)
$5,000 to $9,999		–.1	1.7	(X)	(X)
$10,000 to $24,999		–4.7	1.5	–4.7	1.5
$25,000 to $49,999		2.0	1.8	2.0	1.8
$50,000 to $99,999		–1.8	1.5	–1.8	1.5
$100,000 to $249,999		–15.0	(L)	–15.0	(L)
$250,000 to $499,999		27.0	–	27.0	–
$500,000 or more		49.2	.2	49.2	.2
Total farm production expenses [1]	$1,000	21.8	1.7	23.0	1.5
Average per farm	dollars	23.5	1.8	26.0	1.7
Net cash return from agricultural sales for the farm unit (see text) [1]	farms	–1.3	1.4	–2.4	1.2
	$1,000	27.3	3.3	27.7	2.5
Average per farm	dollars	29.0	3.8	30.8	3.1
Operators by principal occupation:					
Farming		–1.3	1.1	–2.0	.8
Other		–1.4	2.0	4.9	1.6
Operators by days worked off farm:					
Any		–4.4	5.1	–2.1	5.0
200 days or more		–2.6	5.2	.3	5.2
Livestock and poultry:					
Cattle and calves inventory	farms	–2.0	1.4	2.5	1.1
	number	5.4	.9	3.9	.8
Beef cows	farms	1.1	1.4	7.4	1.2
	number	8.4	1.1	11.0	1.1
Milk cows	farms	–22.5	1.5	–13.2	1.3
	number	–20.4	.3	–20.1	.2
Cattle and calves sold	farms	–3.1	1.3	2.0	1.1
	number	–8.4	.8	–5.8	.9
Hogs and pigs inventory	farms	–31.1	1.3	–24.6	1.1
	number	–7.0	.6	–4.8	.6
Hogs and pigs sold	farms	–32.4	1.3	–24.3	1.1
	number	2.8	.6	5.5	.6
Sheep and lambs inventory	farms	111.3	9.5	207.7	21.5
	number	99.0	10.9	69.3	7.8
Chickens 3 months old or older inventory	farms	–37.7	1.6	–39.6	20.0
	number	–23.9	.6	–23.9	2.0
Broilers and other meat-type chickens sold	farms	28.6	1.4	28.2	1.1
	number	76.1	.3	76.1	.3
Selected crops harvested:					
Corn for grain or seed	farms	–30.9	.9	–23.9	.8
	acres	.7	.5	5.1	.5
	bushels	22.8	.6	27.1	.6
Wheat for grain	farms	–27.8	.8	–22.3	.7
	acres	12.8	.6	16.5	.5
	bushels	38.5	.6	41.6	.6
Cotton	farms	15.7	1.3	17.8	1.2
	acres	64.6	.8	65.4	.8
	bales	119.1	.9	119.8	.9
Tobacco	farms	–22.0	1.0	–14.1	1.1
	acres	17.6	.6	19.7	.6
	pounds	19.7	.6	21.0	.6
Soybeans for beans	farms	–23.1	.9	–14.7	.8
	acres	–10.8	.4	–8.9	.4
	bushels	–10.5	.4	–9.2	.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	–3.0	1.3	1.1	1.1
	acres	5.8	1.1	4.0	1.0
	tons, dry	11.5	1.2	9.5	1.2
Land in orchards	farms	2.0	2.1	–27.1	1.3
	acres	–15.1	.7	–21.3	.5

[1] Data are based on a sample of farms.

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Table F. **Reliability Estimates for the State and County Totals: 1992**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm [1]		Estimated market value of all machinery and equipment [1]	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
South Carolina	**20 242**	**1.5**	**4 472 569**	**.6**	**221**	**1.6**	**251 583**	**1.9**	**667 725**	**1.0**
Abbeville	491	1.3	89 935	1.2	183	1.8	182 994	7.0	10 344	7.9
Aiken	669	1.6	136 565	1.2	204	2.0	236 371	4.2	18 368	3.6
Allendale	114	1.5	81 257	.8	713	1.7	453 950	4.3	7 417	1.1
Anderson	1 076	1.3	160 659	1.1	149	1.7	262 915	7.5	28 791	4.5
Bamberg	234	1.6	87 355	1.0	373	1.9	275 546	9.4	9 006	6.6
Barnwell	279	2.0	74 733	1.1	268	2.3	260 078	18.1	8 176	7.5
Beaufort	120	1.9	44 800	1.8	373	2.6	336 013	4.1	4 565	3.7
Berkeley	308	2.3	51 020	1.5	166	2.7	255 210	7.6	8 472	8.9
Calhoun	261	2.0	90 995	1.0	349	2.2	265 090	13.5	13 052	6.8
Charleston	216	1.6	32 392	2.4	150	2.9	479 100	14.3	10 307	5.5
Cherokee	388	1.2	66 165	1.2	171	1.7	181 427	5.5	8 890	5.8
Chester	373	1.4	94 193	1.5	253	2.1	219 105	7.9	7 763	7.8
Chesterfield	491	1.7	109 652	1.3	223	2.1	204 845	7.5	17 167	4.4
Clarendon	372	1.6	135 766	.6	365	1.8	287 130	2.6	19 578	2.7
Colleton	502	1.9	126 370	1.1	252	2.2	259 481	10.9	13 167	4.2
Darlington	370	1.6	156 853	.7	424	1.7	377 257	4.7	22 619	1.8
Dillon	259	1.4	108 848	.6	420	1.5	408 850	3.5	19 938	3.8
Dorchester	321	1.9	62 108	1.6	193	2.4	247 050	9.8	10 668	6.0
Edgefield	262	1.6	68 858	1.3	263	2.1	313 078	5.6	7 909	5.5
Fairfield	189	1.5	55 712	1.5	295	2.1	247 966	6.3	3 506	5.3
Florence	781	1.6	194 822	.6	249	1.7	227 248	2.9	34 070	1.8
Georgetown	220	1.7	37 287	2.1	169	2.7	174 216	7.4	7 251	4.2
Greenville	689	1.2	66 809	1.5	97	2.0	277 673	8.7	12 939	6.7
Greenwood	385	1.6	70 277	1.5	183	2.2	183 294	7.0	8 246	7.6
Hampton	242	1.8	97 241	.8	402	2.0	392 873	5.8	12 216	9.8
Horry	1 048	1.8	195 697	1.1	187	2.1	249 976	3.4	43 178	4.2
Jasper	146	1.4	72 500	1.0	497	1.7	433 698	5.7	4 207	6.1
Kershaw	239	1.3	52 978	1.3	222	1.8	218 417	10.5	5 258	10.0
Lancaster	444	1.4	58 323	1.9	131	2.3	176 194	8.4	7 962	9.9
Laurens	666	1.4	128 124	1.3	192	1.9	257 039	7.2	15 545	5.6
Lee	280	1.4	136 151	.5	486	1.5	332 842	3.5	17 614	3.8
Lexington	718	1.3	82 634	1.2	115	1.8	219 691	9.5	21 603	3.9
McCormick	84	1.9	19 486	2.7	232	3.4	231 093	5.3	1 861	4.0
Marion	265	1.8	78 382	1.1	296	2.1	383 225	6.1	15 011	5.6
Marlboro	174	1.5	104 862	.6	603	1.6	401 132	3.6	13 710	4.9
Newberry	510	1.0	93 970	1.2	184	1.6	209 510	8.8	15 852	3.9
Oconee	646	1.3	69 897	1.5	108	2.0	180 658	9.0	13 529	4.8
Orangeburg	910	1.8	262 093	1.0	288	2.1	232 692	6.1	40 600	3.6
Pickens	496	1.3	44 200	1.8	89	2.2	178 827	9.7	8 319	7.2
Richland	339	1.5	66 355	1.6	196	2.2	313 750	10.7	9 464	7.0
Saluda	584	1.2	110 679	1.1	190	1.6	199 542	3.3	17 835	3.1
Spartanburg	1 015	1.4	107 058	1.3	105	2.0	211 456	6.3	20 514	5.8
Sumter	406	1.8	138 573	.6	341	1.9	281 554	3.5	23 444	6.2
Union	278	1.5	55 992	1.7	201	2.3	247 699	7.2	3 673	14.9
Williamsburg	705	1.7	173 188	.8	246	1.9	229 651	5.9	29 079	6.4
York	677	1.3	120 755	1.2	178	1.8	280 950	6.1	15 040	7.2

Geographic area	Average market value of all machinery and equipment per farm [1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses [1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
South Carolina	**33 077**	**1.7**	**1 066 079**	**.2**	**52 667**	**1.5**	**20 242**	**1.3**	**897 923**	**.4**
Abbeville	21 024	8.0	6 698	1.2	13 642	1.8	492	1.5	6 550	4.0
Aiken	27 455	3.9	32 593	.4	48 720	1.6	669	1.4	29 365	1.4
Allendale	65 057	2.8	13 052	.3	114 492	1.5	114	2.6	11 024	1.1
Anderson	26 782	4.7	35 783	.4	33 256	1.3	1 075	1.4	27 746	2.3
Bamberg	38 486	7.0	13 144	.5	56 169	1.7	234	2.3	10 753	5.4
Barnwell	29 411	7.7	9 958	.7	35 692	2.1	278	1.9	10 132	2.9
Beaufort	37 728	4.7	6 280	.9	52 333	2.1	121	2.9	5 644	1.1
Berkeley	27 507	8.9	12 595	.5	40 893	2.3	308	1.1	12 019	4.0
Calhoun	50 009	7.0	16 787	.5	64 318	2.0	261	1.8	13 043	4.4
Charleston	47 716	5.8	16 701	.4	77 320	1.7	216	1.8	14 144	3.4
Cherokee	22 912	5.9	9 753	.6	25 136	1.3	388	1.4	8 964	3.2
Chester	20 756	7.9	7 474	.7	20 037	1.5	374	1.6	5 854	2.3
Chesterfield	34 963	4.6	60 477	.2	123 171	1.7	491	1.5	52 464	.9
Clarendon	52 770	3.1	36 815	.3	98 965	1.7	371	1.5	30 431	.8
Colleton	26 230	4.8	12 329	.7	24 560	2.0	502	2.3	12 180	4.2
Darlington	61 299	2.5	38 102	.3	102 979	1.6	369	1.7	31 900	1.2
Dillon	77 279	4.0	34 800	.3	134 364	1.4	258	1.3	28 108	1.6
Dorchester	33 232	6.4	13 607	.5	42 389	2.0	321	2.0	11 422	1.9
Edgefield	30 188	5.9	16 986	.4	64 832	1.7	262	2.0	14 543	.8
Fairfield	18 453	5.7	2 036	2.2	10 775	2.7	190	2.0	1 938	4.3
Florence	43 624	2.3	51 057	.3	65 374	1.6	781	1.4	40 592	1.7
Georgetown	32 959	4.4	9 524	.6	43 292	1.8	220	1.3	6 767	1.5
Greenville	18 807	6.8	13 223	.8	19 191	1.5	688	1.5	10 996	3.1
Greenwood	21 418	7.8	9 435	.5	24 506	1.7	385	1.4	8 235	2.7

See footnotes at end of table.

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Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Hampton	50 477	10.0	12 463	.5	51 499	1.9	242	1.8	12 135	3.8
Horry	41 161	4.5	63 668	.7	60 752	1.9	1 049	1.6	48 016	2.0
Jasper	30 487	6.6	3 831	.8	26 241	1.7	146	1.9	3 584	3.3
Kershaw	22 665	10.4	19 898	.3	83 254	1.3	238	1.8	16 167	1.0
Lancaster	17 933	10.0	10 580	.4	23 829	1.4	444	1.4	9 102	2.8
Laurens	24 138	6.1	16 428	.6	24 667	1.5	667	1.4	15 203	2.8
Lee	62 908	4.0	27 013	.3	96 476	1.4	280	1.2	24 725	1.0
Lexington	30 088	4.1	64 788	.2	90 234	1.3	718	1.1	55 452	.4
McCormick	22 157	5.7	2 805	.7	33 387	2.1	84	4.0	2 394	1.6
Marion	56 644	5.8	24 435	.4	92 208	1.8	265	1.5	18 637	1.6
Marlboro	78 794	5.3	20 909	.3	120 165	1.5	174	1.9	17 811	1.1
Newberry	31 083	4.1	35 226	.2	69 070	1.0	510	1.2	29 608	1.2
Oconee	20 911	5.0	29 909	.2	46 298	1.4	647	1.4	25 351	1.2
Orangeburg	44 665	4.0	63 403	.4	69 674	1.9	909	1.6	54 380	.9
Pickens	16 807	7.3	4 517	1.5	9 108	2.0	495	1.5	4 062	6.8
Richland	27 836	7.3	8 002	1.3	23 605	2.0	340	1.9	7 091	4.1
Saluda	30 963	3.6	39 414	.2	67 490	1.2	585	1.3	34 242	.6
Spartanburg	20 211	6.0	23 293	.5	22 949	1.5	1 015	1.6	20 970	2.7
Sumter	57 886	6.3	51 685	.2	127 302	1.8	405	1.2	40 176	1.5
Union	13 604	15.2	1 995	2.5	7 176	2.9	279	1.4	1 802	7.9
Williamsburg	41 248	6.5	40 645	.5	57 653	1.8	705	1.5	32 482	2.5
York	22 215	7.3	21 964	.6	32 442	1.4	677	1.3	19 719	2.7

Geographic area	Farm production expenses[1]—Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
South Carolina	**4 902**	**2.8**	**66 195**	**1.0**	**10 173**	**1.9**	**199 673**	**.5**	**9 426**	**1.8**	**25 051**	**1.2**
Abbeville	152	14.7	658	17.1	286	8.1	1 416	7.3	105	16.3	94	17.1
Aiken	203	10.7	3 351	2.2	383	6.4	13 884	1.8	223	9.2	418	9.1
Allendale	8	30.9	12	11.1	33	11.2	45	6.9	79	4.6	634	1.2
Anderson	365	9.9	2 731	4.0	654	5.8	7 304	7.4	326	9.9	588	11.1
Bamberg	48	3.3	387	.8	95	21.1	1 708	1.4	196	9.0	482	9.2
Barnwell	85	23.1	420	18.2	109	18.0	1 253	6.0	196	10.7	552	6.1
Beaufort	27	13.8	47	16.9	67	5.8	150	6.8	49	8.4	223	1.7
Berkeley	83	20.8	364	34.4	188	9.8	737	11.1	189	8.5	199	6.7
Calhoun	31	40.5	181	7.6	127	19.6	1 226	11.6	139	13.8	439	5.2
Charleston	26	36.9	209	29.1	78	19.5	361	40.7	117	12.7	726	4.6
Cherokee	72	22.1	722	12.7	229	8.6	3 036	2.7	76	24.2	127	11.9
Chester	81	17.2	648	3.0	263	6.5	1 970	1.4	68	18.6	66	11.6
Chesterfield	188	12.1	3 832	1.3	277	6.7	13 230	.4	176	12.4	324	20.0
Clarendon	88	18.2	636	4.8	105	12.6	2 247	.8	272	4.8	1 354	1.7
Colleton	144	13.4	772	9.7	270	8.4	1 689	8.6	291	7.6	531	5.9
Darlington	33	28.6	975	.5	92	19.2	3 736	.3	289	4.6	1 096	1.8
Dillon	50	26.3	626	24.4	76	19.0	2 826	10.7	191	5.6	803	2.0
Dorchester	90	19.4	1 591	3.4	156	12.4	2 370	2.6	202	8.8	382	4.6
Edgefield	45	21.6	741	2.2	144	12.8	2 767	1.4	85	18.2	339	1.0
Fairfield	47	11.6	108	20.8	137	3.5	492	4.6	45	13.0	50	19.8
Florence	74	22.2	395	3.8	168	16.7	1 726	4.6	636	3.8	1 892	3.5
Georgetown	8	–	(D)	(D)	93	12.3	225	5.1	139	10.3	1 033	.5
Greenville	157	15.2	575	13.9	428	6.6	1 588	4.1	138	14.7	759	2.7
Greenwood	106	16.7	1 369	5.0	219	9.0	3 451	2.9	67	21.3	39	14.0
Hampton	59	22.5	261	13.1	85	18.3	648	6.1	195	6.6	705	8.4
Horry	145	17.5	812	13.3	267	12.2	2 156	5.9	889	3.4	1 846	13.0
Jasper	28	19.5	329	1.9	63	10.7	572	13.4	102	7.0	91	3.6
Kershaw	62	22.4	1 963	3.4	99	14.3	9 123	1.1	114	12.4	118	19.6
Lancaster	112	18.9	768	10.1	314	7.3	4 235	1.1	105	20.2	59	9.3
Laurens	192	13.1	1 535	9.8	421	6.4	4 236	5.6	155	12.6	167	8.9
Lee	66	17.0	711	6.0	98	12.2	2 793	1.5	165	7.8	925	2.4
Lexington	248	8.6	10 053	.9	403	5.7	28 082	.4	324	7.6	460	3.7
McCormick	21	6.9	400	1.4	65	4.6	(D)	(D)	20	6.7	6	7.2
Marion	12	1.2	169	.8	61	20.4	1 213	.7	230	5.6	554	3.8
Marlboro	28	13.8	496	2.2	49	8.2	1 772	.9	134	3.6	690	.9
Newberry	176	13.4	4 056	1.4	334	7.6	12 742	1.2	182	13.2	262	6.8
Oconee	208	13.5	3 453	2.6	380	7.2	13 263	.4	153	15.8	157	18.8
Orangeburg	272	9.1	3 688	3.6	494	5.7	12 572	2.0	606	4.9	1 739	1.8
Pickens	117	18.5	434	18.0	293	9.0	530	13.4	123	18.4	265	4.1
Richland	53	33.4	492	29.8	166	15.8	432	22.5	157	17.2	380	7.6
Saluda	169	13.0	6 532	1.0	365	6.8	15 571	.2	194	11.7	258	4.4
Spartanburg	248	13.7	2 228	5.6	513	7.8	2 444	2.1	217	14.6	510	3.6
Sumter	131	11.6	2 645	1.3	197	4.7	6 547	.3	281	7.3	966	3.8
Union	79	19.1	(D)	(D)	166	10.6	(D)	(D)	10	66.8	14	72.2
Williamsburg	68	11.9	1 258	1.8	199	12.7	2 480	.9	586	3.5	1 157	4.0
York	197	14.5	2 110	18.0	464	6.4	7 577	2.9	190	15.0	570	2.5

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 9
TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses [1]—Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
South Carolina	**14 759**	**1.5**	**83 614**	**1.0**	**8 987**	**1.8**	**57 191**	**.8**	**19 079**	**1.3**	**54 384**	**.8**
Abbeville	304	5.6	728	7.7	116	15.6	109	18.6	436	3.8	326	7.0
Aiken	439	5.9	1 398	7.4	232	10.2	1 114	2.3	642	2.2	1 217	4.7
Allendale	92	3.7	1 855	2.5	81	5.8	1 135	1.0	111	2.9	692	2.1
Anderson	791	4.0	2 062	9.1	286	10.7	434	23.3	1 026	2.1	1 401	4.0
Bamberg	204	7.9	2 042	6.2	119	19.1	974	7.6	234	2.3	644	5.4
Barnwell	261	4.6	1 614	5.8	142	15.2	1 047	7.9	277	1.9	702	6.8
Beaufort	78	5.2	482	2.2	66	6.9	579	2.8	101	4.3	323	2.4
Berkeley	210	7.7	1 043	5.7	124	8.2	504	8.1	298	2.5	682	7.2
Calhoun	167	13.3	1 960	6.2	121	15.3	1 965	4.5	228	5.5	868	4.0
Charleston	151	7.9	1 297	11.8	125	9.7	861	6.8	192	5.9	685	11.1
Cherokee	227	9.3	543	13.6	40	35.0	444	.9	338	3.8	384	7.7
Chester	254	7.1	619	10.8	67	19.8	95	2.4	368	2.2	347	6.9
Chesterfield	313	7.2	1 399	13.0	128	13.5	800	1.3	458	2.7	956	4.3
Clarendon	309	2.6	3 878	1.3	294	4.5	3 778	2.3	332	3.1	2 639	2.6
Colleton	373	5.3	1 788	8.4	281	8.3	778	4.0	501	2.4	844	6.2
Darlington	353	2.4	4 040	4.8	264	7.4	3 544	2.1	336	4.5	2 514	.9
Dillon	213	6.6	3 059	2.2	203	5.8	3 107	1.1	257	1.3	2 588	2.3
Dorchester	233	6.8	1 240	6.5	205	8.1	590	3.7	311	2.9	601	3.3
Edgefield	172	11.5	1 039	5.1	102	15.8	1 169	1.3	261	2.0	682	1.6
Fairfield	115	4.6	229	7.2	30	15.7	35	33.6	177	2.8	158	6.2
Florence	656	4.4	5 432	2.7	610	4.7	3 987	2.7	768	1.5	4 307	2.8
Georgetown	173	7.0	696	3.4	145	9.2	356	3.0	203	4.6	635	5.5
Greenville	448	6.1	809	8.4	195	11.2	377	9.9	624	2.9	602	4.9
Greenwood	243	7.2	405	7.0	83	20.4	63	29.7	362	3.3	312	6.5
Hampton	177	5.5	2 465	6.5	148	10.6	1 494	3.5	230	3.9	949	6.1
Horry	977	2.5	7 152	3.8	813	4.2	3 977	5.4	1 035	1.8	5 632	3.9
Jasper	112	6.3	292	3.2	81	8.4	115	2.7	123	4.7	222	12.1
Kershaw	173	8.9	442	11.9	123	11.7	221	18.2	237	1.8	488	2.4
Lancaster	319	6.9	441	9.2	85	21.5	64	14.3	424	2.6	444	5.8
Laurens	390	6.4	1 084	8.6	119	15.1	336	3.4	646	2.1	855	5.0
Lee	182	8.0	2 681	2.1	206	7.5	3 797	1.9	259	3.4	1 792	6.1
Lexington	489	4.7	1 635	4.2	367	6.7	808	4.1	684	2.0	1 608	1.9
McCormick	56	4.4	84	4.8	29	5.7	14	8.0	84	4.0	52	4.1
Marion	227	5.9	2 526	1.7	194	7.3	1 351	2.0	263	1.5	1 950	2.9
Marlboro	154	2.2	3 001	1.2	123	4.0	2 865	1.4	163	2.2	1 135	1.1
Newberry	344	7.2	1 347	7.5	145	14.1	302	5.0	463	3.3	930	4.1
Oconee	441	5.9	784	8.6	228	13.3	403	14.3	587	2.8	650	5.6
Orangeburg	657	4.7	6 067	2.9	526	5.6	3 804	2.9	858	2.4	2 999	2.7
Pickens	329	8.1	411	12.4	115	15.8	55	19.7	432	3.3	418	16.4
Richland	219	10.8	1 227	6.7	159	14.6	479	3.5	326	3.7	557	9.0
Saluda	468	3.7	1 528	3.5	173	11.7	615	2.7	544	2.9	1 162	3.6
Spartanburg	699	5.0	1 672	8.1	329	10.2	1 655	10.3	942	2.5	960	4.9
Sumter	298	6.3	3 079	3.7	272	5.5	3 015	2.3	375	2.5	2 400	2.2
Union	191	9.2	408	16.0	32	36.9	30	41.0	261	4.2	164	15.0
Williamsburg	592	3.1	4 546	6.6	524	4.7	3 541	3.3	678	2.6	3 130	3.9
York	486	6.5	1 084	9.0	137	15.5	402	23.2	624	2.9	778	3.4

Geographic area	Farm production expenses [1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
South Carolina	**10 736**	**1.7**	**16 156**	**.8**	**6 956**	**2.0**	**111 836**	**.5**	**1 916**	**4.0**	**15 223**	**1.2**
Abbeville	241	8.3	115	13.3	122	16.4	516	7.2	30	32.6	64	40.6
Aiken	362	6.9	377	4.4	217	11.5	1 692	1.4	29	23.6	448	1.6
Allendale	45	9.7	131	.9	62	7.9	2 489	.4	9	–	79	–
Anderson	474	7.3	538	2.9	243	12.0	5 827	1.8	60	25.6	193	4.9
Bamberg	138	16.8	195	2.7	53	16.8	847	4.2	10	–	19	–
Barnwell	160	12.1	258	15.6	91	18.4	1 351	1.7	66	24.3	134	17.6
Beaufort	81	6.2	107	3.2	50	9.1	1 136	.8	20	11.2	911	.7
Berkeley	225	7.0	302	2.1	126	14.4	3 110	4.4	8	47.1	(D)	(D)
Calhoun	140	15.3	254	6.8	100	15.7	1 499	2.1	12	1.0	83	(L)
Charleston	147	9.6	256	10.6	97	16.2	3 365	1.4	55	21.9	2 448	1.7
Cherokee	140	14.1	176	3.0	65	22.3	1 074	1.4	25	44.5	7	24.7
Chester	180	10.2	104	6.2	111	15.2	257	3.9	20	42.8	28	55.3
Chesterfield	210	9.9	924	1.2	161	12.1	5 411	1.1	41	19.4	363	.7
Clarendon	193	9.9	360	5.2	190	9.1	3 645	.7	62	19.6	1 351	.4
Colleton	250	7.2	214	9.3	209	10.4	1 062	6.6	46	26.5	102	14.3
Darlington	290	6.0	636	1.9	216	8.8	4 769	1.0	75	17.7	218	8.2
Dillon	202	3.1	637	2.3	166	8.7	4 046	1.8	22	–	321	–
Dorchester	182	9.6	134	3.0	117	14.6	903	1.6	32	29.7	137	6.6
Edgefield	135	9.6	420	1.8	122	11.9	2 667	1.5	24	28.1	603	.1
Fairfield	84	7.8	29	6.5	68	9.5	149	10.8	8	31.0	3	58.1
Florence	496	6.5	1 005	4.2	433	6.7	6 625	1.9	102	19.6	484	4.4
Georgetown	146	9.8	171	1.9	84	12.3	1 107	1.0	6	–	(D)	(D)
Greenville	307	9.6	280	10.6	163	12.8	2 297	5.9	71	21.5	258	12.1
Greenwood	134	14.0	118	9.5	95	19.7	471	9.7	26	41.6	12	41.3

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 10
TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses [1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Hampton	119	12.8	129	14.2	75	14.5	1 055	.7	22	31.0	147	5.8
Horry	723	4.4	1 274	2.9	584	6.5	6 139	4.6	182	14.0	804	14.4
Jasper	79	6.9	76	3.6	55	12.6	632	1.0	22	20.3	223	1.1
Kershaw	87	15.5	301	2.2	59	22.1	1 174	.7	23	36.1	41	18.1
Lancaster	213	10.2	89	5.4	80	20.8	258	13.4	12	67.8	18	30.2
Laurens	313	8.6	279	3.9	180	12.3	1 433	3.3	52	23.4	1 083	2.0
Lee	198	6.2	321	4.9	166	7.6	3 098	3.7	44	15.5	364	7.2
Lexington	411	6.3	673	1.0	210	11.2	3 677	.8	40	20.5	105	6.2
McCormick	42	5.2	28	3.4	28	5.6	139	1.6	14	6.9	15	12.9
Marion	166	10.1	474	2.9	114	9.2	2 838	.7	36	14.9	780	11.8
Marlboro	120	4.1	147	1.9	110	4.7	2 570	.9	27	15.2	56	11.2
Newberry	253	9.9	506	1.4	135	15.6	2 635	.9	19	40.7	67	9.2
Oconee	278	11.5	337	9.7	137	16.6	1 380	7.4	60	27.4	638	1.5
Orangeburg	538	4.7	994	1.4	332	8.2	7 442	1.8	100	15.0	268	6.2
Pickens	250	10.3	62	8.7	93	18.7	555	8.7	42	33.8	54	43.4
Richland	173	14.5	173	16.6	118	17.5	893	4.3	3	–	(D)	(D)
Saluda	310	7.0	531	1.4	144	12.7	2 055	1.1	44	25.0	299	.7
Spartanburg	377	9.7	385	5.3	220	11.8	4 443	3.9	132	18.0	718	5.2
Sumter	236	8.6	671	1.7	197	11.0	7 440	1.1	72	18.3	645	.7
Union	104	17.6	17	15.1	76	21.8	101	21.1	18	55.9	(D)	(D)
Williamsburg	427	6.4	658	7.0	326	8.4	3 853	5.8	29	16.4	395	.8
York	357	9.2	288	10.8	156	16.6	1 710	3.0	64	30.6	136	39.2

Geographic area	Farm production expenses [1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
South Carolina	**16 201**	**1.4**	**56 450**	**.9**	**4 940**	**2.7**	**12 115**	**3.2**	**6 503**	**2.3**	**40 773**	**1.4**
Abbeville	366	6.3	602	12.2	89	20.7	82	27.9	190	11.7	700	15.1
Aiken	530	3.6	1 309	5.1	128	17.8	332	8.3	221	11.0	1 161	9.1
Allendale	80	6.1	839	2.0	39	11.6	240	2.3	49	7.3	567	1.2
Anderson	755	4.6	1 794	5.0	226	13.3	262	19.7	189	13.2	924	10.5
Bamberg	197	9.6	1 049	5.3	76	27.5	280	46.8	110	20.7	657	30.7
Barnwell	263	4.0	866	5.2	86	19.7	216	12.7	114	19.9	433	23.2
Beaufort	106	3.8	337	3.0	15	17.7	76	1.5	36	11.0	271	6.4
Berkeley	227	8.4	553	7.1	57	17.0	111	21.3	72	22.6	494	16.6
Calhoun	206	9.0	1 172	5.6	50	26.4	517	59.3	97	20.1	604	8.2
Charleston	180	7.4	724	4.3	49	19.6	272	5.6	60	20.1	768	3.0
Cherokee	274	6.9	423	14.2	57	27.3	46	9.4	88	21.3	402	21.4
Chester	325	4.4	469	8.2	46	27.6	40	11.4	106	16.6	298	17.2
Chesterfield	416	4.7	1 317	3.9	142	14.5	292	9.3	192	11.5	982	7.6
Clarendon	312	5.6	2 514	2.2	109	12.9	898	3.9	154	8.7	1 729	1.6
Colleton	453	3.2	1 105	6.8	106	16.4	198	9.5	133	13.8	815	9.2
Darlington	331	4.6	2 551	1.6	194	10.6	644	7.4	175	10.9	1 489	3.7
Dillon	240	3.6	2 376	3.0	73	13.8	493	1.6	120	11.4	1 208	6.1
Dorchester	279	4.6	822	6.3	91	14.8	159	7.7	112	15.3	703	10.0
Edgefield	219	5.2	758	1.9	39	27.7	338	.6	113	16.4	615	6.3
Fairfield	153	3.6	181	5.7	18	20.7	8	20.2	33	15.0	89	20.9
Florence	678	3.4	3 153	4.2	292	10.2	587	4.9	346	8.8	2 660	3.8
Georgetown	166	8.1	530	4.9	43	24.4	54	15.3	58	9.1	344	3.5
Greenville	585	3.9	959	8.1	102	18.8	87	17.4	146	15.6	444	18.2
Greenwood	248	8.2	375	11.8	39	32.8	31	61.5	93	18.3	206	8.7
Hampton	220	4.0	1 038	4.0	121	12.9	509	13.1	94	14.2	661	3.2
Horry	909	3.4	4 069	3.6	460	7.7	922	8.9	513	7.0	3 026	5.2
Jasper	92	8.2	256	4.0	45	13.7	48	8.1	27	18.9	123	9.5
Kershaw	176	9.6	620	9.6	38	28.6	65	3.7	33	23.8	448	8.4
Lancaster	354	5.7	474	11.0	101	18.2	61	18.1	88	18.8	440	13.4
Laurens	486	5.2	798	5.6	147	14.7	114	13.2	216	10.8	1 057	13.9
Lee	216	4.4	1 743	2.3	115	9.8	500	7.5	141	9.9	1 344	7.3
Lexington	628	3.0	1 703	2.5	134	13.6	200	8.7	251	9.1	1 570	3.3
McCormick	67	4.2	83	4.5	14	8.6	27	6.5	16	8.4	85	16.0
Marion	228	5.7	1 369	3.0	143	13.1	233	7.2	99	14.6	920	9.5
Marlboro	145	3.5	1 359	1.5	45	9.9	159	9.2	75	5.9	514	11.6
Newberry	403	4.6	1 567	3.7	98	19.9	105	15.1	118	15.4	873	8.1
Oconee	429	7.3	653	5.9	164	17.1	199	23.7	175	14.7	1 133	6.4
Orangeburg	757	3.4	4 124	2.7	245	10.6	822	5.5	322	7.9	2 145	3.5
Pickens	379	6.7	299	12.4	89	22.1	43	34.9	133	15.6	296	16.8
Richland	297	5.8	679	7.8	72	26.7	84	28.6	103	19.9	482	6.6
Saluda	410	4.9	1 227	4.1	137	13.1	207	3.4	188	11.5	1 354	4.6
Spartanburg	720	5.2	1 284	5.5	125	18.7	182	17.7	205	14.5	927	16.4
Sumter	304	6.6	2 601	7.2	107	15.8	658	8.9	142	13.7	1 464	3.4
Union	205	8.9	194	14.6	33	42.5	62	58.1	42	27.6	50	26.5
Williamsburg	601	3.4	2 556	5.0	265	11.6	549	5.6	321	9.7	2 272	4.2
York	586	3.8	977	3.9	76	26.5	102	9.7	194	13.6	1 025	14.7

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 11
TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farm production expenses [1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
South Carolina	**5 526**	**2.2**	**41 223**	**1.1**	**18 991**	**1.4**	**16 823**	**1.4**	**16 701**	**1.4**	**101 217**	**.4**
Abbeville	111	13.0	193	9.9	473	2.8	254	11.7	392	4.8	692	7.8
Aiken	173	13.6	628	6.7	633	2.2	448	5.2	535	4.1	1 588	2.8
Allendale	49	9.4	573	2.2	100	4.2	215	2.4	95	4.5	1 518	1.3
Anderson	212	12.6	303	12.4	993	2.6	576	5.6	827	3.9	2 807	2.7
Bamberg	81	21.3	446	10.3	222	4.6	252	10.2	214	5.1	769	4.0
Barnwell	104	17.3	476	17.1	276	1.9	299	22.5	224	8.6	512	3.0
Beaufort	28	12.6	75	4.0	106	4.2	221	4.3	97	3.8	706	1.2
Berkeley	53	19.3	82	19.6	298	2.4	223	6.5	243	6.1	(D)	(D)
Calhoun	103	17.3	762	5.1	231	4.1	189	17.3	242	5.2	1 323	6.2
Charleston	44	21.8	381	12.2	182	7.1	226	13.3	203	4.7	1 565	2.7
Cherokee	75	19.3	75	21.6	375	2.2	172	7.7	275	7.7	1 332	3.5
Chester	46	22.4	85	4.0	367	2.2	272	9.0	342	3.4	555	2.8
Chesterfield	102	14.0	490	13.1	479	1.9	420	4.2	419	4.4	21 724	.3
Clarendon	187	10.0	2 525	1.5	319	4.4	333	5.2	317	5.7	2 543	1.0
Colleton	138	11.9	316	7.7	500	2.4	478	7.1	389	5.1	1 487	7.7
Darlington	159	9.4	2 631	2.1	354	2.2	412	5.3	337	4.3	2 645	1.3
Dillon	115	11.6	3 502	3.4	253	1.3	355	2.6	236	4.2	2 163	2.9
Dorchester	100	11.7	341	2.9	287	4.3	215	10.5	234	7.0	1 236	1.6
Edgefield	68	18.0	331	5.4	240	4.0	365	14.1	205	7.0	1 709	.7
Fairfield	38	13.5	42	17.5	178	2.5	152	6.8	151	4.3	213	4.9
Florence	386	8.5	4 172	5.7	674	3.8	601	6.6	684	3.7	3 565	2.1
Georgetown	65	13.2	376	1.6	193	5.5	176	5.6	181	7.1	726	1.6
Greenville	109	15.8	305	6.8	658	2.2	472	7.8	550	4.6	1 183	5.3
Greenwood	36	33.7	104	10.1	375	2.3	222	8.8	267	7.4	1 056	4.5
Hampton	107	10.9	854	13.9	212	4.5	358	10.2	219	5.1	860	4.8
Horry	443	8.2	5 341	4.2	958	2.9	1 021	4.1	981	2.4	3 844	3.2
Jasper	24	13.5	67	3.5	136	3.4	253	3.4	113	4.9	285	3.6
Kershaw	35	31.3	121	23.1	215	5.4	260	4.5	200	5.8	784	5.6
Lancaster	83	20.9	146	19.5	422	2.7	235	9.0	344	5.9	1 371	3.5
Laurens	131	14.9	168	16.5	627	2.3	412	5.9	533	4.0	1 645	3.2
Lee	122	8.0	1 984	2.3	232	5.4	296	3.4	256	4.7	2 374	1.8
Lexington	144	13.8	641	7.1	681	1.9	595	6.3	612	3.4	3 645	.9
McCormick	19	6.3	(D)	(D)	83	4.0	57	3.0	73	4.1	295	1.8
Marion	97	12.9	2 615	3.7	260	1.5	286	7.3	246	4.3	1 359	2.8
Marlboro	78	5.6	1 385	1.3	163	2.2	235	2.3	160	2.5	1 428	1.5
Newberry	125	13.1	455	1.9	494	2.1	426	3.4	420	4.9	3 335	1.4
Oconee	137	17.7	275	9.3	635	2.1	321	9.3	516	4.8	1 705	2.7
Orangeburg	384	6.8	2 064	2.7	820	2.5	956	4.5	740	3.6	4 694	1.2
Pickens	47	25.0	39	43.3	473	2.2	257	7.5	412	5.2	344	10.4
Richland	68	28.8	(D)	(D)	321	2.3	315	11.9	308	5.2	720	7.9
Saluda	169	11.2	414	7.5	575	1.7	516	4.9	491	3.7	1 974	1.0
Spartanburg	160	14.8	343	7.1	966	2.2	748	5.7	762	4.5	2 471	5.0
Sumter	133	13.6	2 172	2.6	376	3.5	424	4.2	348	4.6	5 449	.8
Union	12	55.7	(D)	(D)	259	4.3	128	11.3	231	6.2	(D)	(D)
Williamsburg	291	8.2	2 480	5.0	652	3.1	760	6.5	581	3.8	2 847	3.7
York	135	15.5	238	24.8	665	1.8	416	7.9	496	6.3	2 305	1.8

Geographic area	Net cash return from agricultural sales for the farm unit (see text) [1]				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
South Carolina	**20 242**	**1.3**	**157 727**	**1.5**	**18 037**	**1.4**	**2 588 525**	**.5**	**14 587**	**1.4**	**1 590 794**	**.4**
Abbeville	492	1.5	–851	28.7	405	1.5	38 395	1.6	281	1.7	10 219	2.8
Aiken	669	1.4	2 913	14.1	589	1.6	64 618	1.2	478	1.7	33 743	1.2
Allendale	114	2.6	1 913	4.2	103	1.8	47 616	.6	94	1.9	33 809	.7
Anderson	1 075	1.4	8 368	4.2	937	1.3	86 756	1.2	699	1.4	37 167	1.3
Bamberg	234	2.3	1 580	22.9	222	1.6	57 944	.9	196	1.7	38 449	.9
Barnwell	278	1.9	659	49.4	252	2.1	48 173	.9	211	2.1	30 464	.7
Beaufort	121	2.9	324	10.4	103	2.2	14 353	1.9	79	2.9	4 650	1.9
Berkeley	308	1.1	2 108	17.8	282	2.4	20 662	2.1	223	2.4	11 193	2.1
Calhoun	261	1.8	2 736	12.9	232	2.0	58 292	.8	196	2.1	44 887	.7
Charleston	216	1.8	3 012	8.7	199	1.8	18 771	2.5	155	2.2	8 083	2.7
Cherokee	388	1.4	369	62.8	346	1.3	29 664	1.7	238	1.7	10 952	1.5
Chester	374	1.6	1 159	12.2	312	1.5	34 562	1.6	226	1.8	11 083	2.4
Chesterfield	491	1.5	6 880	4.9	426	1.7	53 446	1.4	330	1.7	31 048	1.0
Clarendon	371	1.5	6 120	3.5	354	1.7	112 785	.4	312	1.7	83 380	.4
Colleton	502	2.3	538	62.4	447	1.9	60 223	1.1	376	1.9	36 213	1.1
Darlington	369	1.7	5 238	5.8	354	1.6	125 315	.5	336	1.6	99 935	.5
Dillon	258	1.3	6 734	6.4	252	1.4	86 565	.5	236	1.4	72 632	.4
Dorchester	321	2.0	1 383	17.8	292	1.9	37 197	1.4	242	2.0	25 026	1.5
Edgefield	262	2.0	2 009	8.9	226	1.8	34 168	1.1	168	2.1	20 266	1.0
Fairfield	190	2.0	153	31.6	156	1.9	17 198	2.0	124	2.2	5 848	2.1
Florence	781	1.4	11 504	5.8	755	1.5	131 812	.5	706	1.5	97 290	.5
Georgetown	220	1.3	2 149	4.8	204	1.8	15 607	1.4	184	1.9	8 037	1.3
Greenville	688	1.5	2 779	16.1	577	1.3	35 442	1.6	387	1.6	13 990	2.0
Greenwood	385	1.4	816	28.4	308	1.8	28 535	1.7	211	2.2	8 173	2.2

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 12
TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Net cash return from agricultural sales for the farm unit (see text)[1]				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Hampton	242	1.8	617	34.1	224	1.8	60 105	1.0	199	1.9	44 548	.8
Horry	1 049	1.6	15 054	5.9	1 012	1.8	124 525	.9	947	1.8	86 431	.8
Jasper	146	1.9	219	51.6	128	1.8	11 233	1.4	99	2.2	4 957	1.7
Kershaw	238	1.8	3 557	7.4	207	1.5	19 165	1.5	157	2.0	9 556	1.8
Lancaster	444	1.4	1 586	13.9	354	1.6	28 659	2.6	240	2.0	8 295	2.6
Laurens	667	1.4	1 367	23.8	587	1.4	62 976	1.6	429	1.5	19 922	1.7
Lee	280	1.2	2 430	8.2	256	1.4	105 409	.5	215	1.4	82 321	.5
Lexington	718	1.1	7 736	3.1	618	1.4	46 204	1.1	530	1.5	30 480	1.1
McCormick	84	4.0	410	5.1	63	2.7	7 208	4.5	42	3.9	2 188	5.5
Marion	265	1.5	5 819	9.1	251	1.7	52 620	.9	222	1.7	34 319	.9
Marlboro	174	1.9	2 706	3.0	161	1.4	83 025	.5	152	1.4	65 538	.4
Newberry	510	1.2	4 997	4.4	459	1.1	51 217	1.2	352	1.3	25 186	1.2
Oconee	647	1.4	3 238	9.5	568	1.4	34 490	1.6	445	1.5	14 342	1.6
Orangeburg	909	1.6	8 716	4.5	836	1.8	176 836	.9	725	1.8	124 341	.8
Pickens	495	1.5	646	38.7	417	1.5	21 617	2.1	284	1.8	7 818	3.4
Richland	340	1.9	–277	(H)	298	1.7	37 214	1.5	252	1.9	24 470	1.7
Saluda	585	1.3	5 331	4.3	507	1.3	56 586	1.0	384	1.4	24 379	1.0
Spartanburg	1 015	1.6	1 850	17.0	896	1.4	64 518	1.3	696	1.5	28 894	1.1
Sumter	405	1.2	10 091	1.8	365	1.8	101 314	.5	311	1.8	82 930	.5
Union	279	1.4	73	(H)	223	1.8	22 299	2.1	146	2.3	6 130	2.5
Williamsburg	705	1.5	8 509	9.2	673	1.7	106 996	.6	617	1.7	68 663	.6
York	677	1.3	2 464	18.9	601	1.3	56 210	1.5	455	1.5	18 549	1.7

Geographic area	Irrigated land				Livestock and poultry							
					Cattle and calves inventory				Beef cows inventory			
	Farms		Acres		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
South Carolina	**1 219**	**1.4**	**75 681**	**.4**	**10 026**	**1.4**	**451 719**	**.8**	**8 998**	**1.3**	**222 566**	**.9**
Abbeville	13	9.7	528	17.0	392	1.5	18 405	1.4	354	1.6	9 979	1.6
Aiken	42	5.3	1 408	3.4	257	2.2	11 155	2.7	232	2.2	6 202	2.7
Allendale	8	6.0	2 330	.6	25	5.3	2 339	3.5	21	5.8	1 060	4.6
Anderson	49	4.7	539	3.5	784	1.3	40 396	1.3	705	1.4	20 404	1.7
Bamberg	28	3.8	2 816	.5	90	2.5	7 875	1.7	60	3.2	2 247	2.6
Barnwell	31	4.5	3 638	1.8	84	3.8	3 890	2.9	70	4.0	2 071	2.8
Beaufort	20	7.2	1 153	.7	40	5.0	1 780	6.1	34	5.5	(D)	(D)
Berkeley	15	7.8	432	3.0	122	2.7	2 907	2.8	108	2.8	1 670	3.0
Calhoun	29	3.7	6 535	1.9	78	3.6	3 626	2.8	67	3.6	1 821	3.0
Charleston	46	3.5	2 654	.5	48	5.0	1 908	5.1	45	5.2	(D)	(D)
Cherokee	10	10.0	(D)	(D)	289	1.4	10 983	1.7	277	1.5	6 095	2.0
Chester	11	9.8	187	7.7	291	1.6	14 619	1.5	275	1.6	7 799	1.6
Chesterfield	22	5.8	894	1.6	261	2.2	11 481	1.8	232	2.3	6 138	2.0
Clarendon	24	4.1	2 593	.9	84	3.0	3 597	2.6	75	3.0	(D)	(D)
Colleton	30	5.9	1 362	4.6	239	2.4	8 192	2.4	221	2.4	4 972	2.4
Darlington	29	5.4	1 267	4.9	78	3.5	5 294	2.3	70	3.7	2 424	3.4
Dillon	8	3.7	517	.6	36	4.3	1 204	6.0	35	4.4	(D)	(D)
Dorchester	8	11.8	111	17.3	126	3.0	4 646	2.0	106	3.3	1 642	3.1
Edgefield	31	4.7	4 056	.7	147	2.4	8 939	1.9	132	2.6	4 230	2.5
Fairfield	4	21.9	9	32.0	131	2.1	7 204	1.8	122	2.2	(D)	(D)
Florence	25	5.5	742	1.5	122	2.9	4 000	3.0	102	2.9	(D)	(D)
Georgetown	11	7.6	420	1.1	76	3.1	2 065	4.6	69	3.3	1 231	4.2
Greenville	54	4.1	1 460	2.4	454	1.5	14 597	1.7	402	1.6	6 660	2.1
Greenwood	8	11.3	27	13.4	302	1.7	14 942	1.9	273	1.8	(D)	(D)
Hampton	7	4.3	991	(L)	60	3.2	2 054	2.3	57	3.2	(D)	(D)
Horry	49	4.6	1 082	1.8	229	2.7	7 139	3.1	203	2.7	3 591	3.7
Jasper	8	10.0	735	.2	47	4.2	3 673	1.8	44	4.4	(D)	(D)
Kershaw	15	7.6	59	7.7	98	2.5	3 646	3.4	88	2.7	(D)	(D)
Lancaster	10	9.9	49	12.7	335	1.6	10 496	2.0	319	1.6	6 226	2.3
Laurens	26	5.7	852	.6	501	1.6	27 203	1.5	457	1.6	12 923	1.8
Lee	15	4.3	1 919	3.9	57	3.8	2 549	3.1	54	3.9	(D)	(D)
Lexington	89	3.1	3 950	1.3	327	1.8	10 381	2.4	286	1.9	5 766	2.4
McCormick	6	12.0	7	14.6	66	2.7	3 040	5.1	63	2.8	(D)	(D)
Marion	24	3.9	1 486	.9	69	3.6	2 922	2.7	62	3.8	1 721	3.2
Marlboro	13	3.8	1 168	.4	50	3.7	2 509	3.3	48	3.8	(D)	(D)
Newberry	18	6.3	558	.3	412	1.2	26 081	1.0	369	1.3	8 828	1.6
Oconee	20	6.8	119	7.6	455	1.5	17 284	1.5	413	1.6	9 049	1.7
Orangeburg	95	3.0	12 084	1.3	291	2.2	19 906	1.2	216	2.6	5 352	2.2
Pickens	23	6.0	144	1.9	350	1.6	10 473	2.1	322	1.7	5 693	2.1
Richland	49	5.1	1 487	2.4	117	3.2	5 494	3.0	106	3.4	2 942	3.1
Saluda	23	5.2	2 298	.3	462	1.4	25 085	1.0	418	1.5	12 642	1.2
Spartanburg	81	3.2	2 230	1.2	565	1.7	22 599	1.5	504	1.8	9 585	1.8
Sumter	24	3.6	6 323	1.1	112	2.9	4 371	1.4	97	3.2	2 012	1.9
Union	2	15.8	(D)	(D)	221	1.9	8 574	2.2	207	1.9	4 533	2.2
Williamsburg	18	5.3	724	2.8	160	2.7	7 016	2.2	134	2.7	3 920	2.3
York	48	4.4	929	7.8	486	1.4	23 180	1.4	444	1.5	11 533	1.5

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 13
TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Livestock and poultry —Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
South Carolina	**540**	**1.6**	**31 923**	**.2**	**2 237**	**1.7**	**327 572**	**.5**	**169**	**2.9**	**3 144**	**4.3**
Abbeville	23	4.9	845	3.6	18	7.6	1 098	.6	3	7.7	(D)	(D)
Aiken	11	11.1	125	3.4	59	4.6	7 143	3.5	5	12.9	160	20.2
Allendale	4	16.7	9	19.1	28	5.3	770	6.6	–	–	–	–
Anderson	37	3.7	2 940	.6	45	4.5	5 480	4.2	20	7.4	143	8.5
Bamberg	15	3.3	1 803	.1	53	3.7	10 064	1.4	4	11.9	18	2.6
Barnwell	7	10.4	16	7.8	41	4.6	11 423	1.1	4	11.1	246	5.0
Beaufort	2	24.2	(D)	(D)	16	8.4	1 147	4.7	5	18.8	196	31.9
Berkeley	14	8.8	26	9.9	91	3.1	5 159	3.0	–	–	–	–
Calhoun	6	10.6	40	16.5	54	3.4	18 419	1.2	–	–	–	–
Charleston	1	43.9	(D)	(D)	13	9.6	1 471	5.1	–	–	–	–
Cherokee	7	10.1	78	8.2	14	9.5	205	20.0	1	48.5	(D)	(D)
Chester	15	6.6	956	.9	17	7.5	1 011	6.7	2	18.2	(D)	(D)
Chesterfield	11	10.5	240	11.3	34	5.2	2 689	5.3	1	38.7	(D)	(D)
Clarendon	2	20.8	(D)	(D)	97	2.9	24 928	.7	–	–	–	–
Colleton	10	12.0	29	12.2	111	3.4	11 597	1.8	4	19.7	32	23.3
Darlington	4	–	790	–	32	5.2	2 751	1.1	2	–	(D)	(D)
Dillon	2	23.6	(D)	(D)	36	3.9	21 085	.6	1	–	(D)	(D)
Dorchester	13	9.7	353	1.1	76	3.8	8 235	1.5	2	23.3	(D)	(D)
Edgefield	6	7.9	746	.2	13	9.1	899	6.1	1	–	(D)	(D)
Fairfield	3	15.5	(D)	(D)	6	14.2	16	14.7	–	–	–	–
Florence	8	10.5	(D)	(D)	96	3.1	11 379	1.0	2	24.7	(D)	(D)
Georgetown	3	21.0	5	20.5	41	4.8	3 681	.8	1	42.4	(D)	(D)
Greenville	19	6.3	1 394	2.0	19	7.9	1 681	11.5	7	13.5	38	14.8
Greenwood	5	12.7	(D)	(D)	17	8.4	196	11.0	9	11.2	63	13.5
Hampton	1	44.4	(D)	(D)	64	3.3	9 288	1.1	2	15.0	(D)	(D)
Horry	12	10.0	79	26.5	140	2.9	28 230	1.2	1	–	(D)	(D)
Jasper	2	24.3	(D)	(D)	42	4.6	4 943	2.7	6	12.9	93	4.3
Kershaw	1	44.7	(D)	(D)	23	7.2	1 221	10.4	–	–	–	–
Lancaster	10	10.0	71	3.6	18	7.4	525	10.1	–	–	–	–
Laurens	21	5.1	2 096	.4	18	8.6	429	8.2	12	8.5	280	14.2
Lee	2	20.0	(D)	(D)	35	4.3	7 978	2.6	5	9.3	416	2.8
Lexington	27	5.6	346	1.2	78	4.0	7 766	3.0	6	14.9	294	22.6
McCormick	1	42.8	(D)	(D)	6	10.9	60	17.9	–	–	–	–
Marion	6	11.0	50	2.3	50	4.0	18 896	1.1	–	–	–	–
Marlboro	1	–	(D)	(D)	21	6.0	1 247	1.9	1	49.0	(D)	(D)
Newberry	37	2.9	5 884	.2	36	5.1	7 044	3.6	–	–	–	–
Oconee	28	5.4	675	3.2	30	5.9	3 369	1.2	15	8.9	109	10.5
Orangeburg	42	2.7	5 397	(L)	239	2.4	53 926	1.0	4	14.1	10	11.7
Pickens	10	12.2	104	6.1	14	9.8	365	7.7	8	11.8	108	14.4
Richland	–	–	–	–	37	5.6	1 601	6.3	8	12.6	92	28.0
Saluda	37	3.7	2 322	.9	29	6.2	2 899	6.1	7	13.3	69	22.4
Spartanburg	17	5.3	1 823	.3	20	7.5	203	12.6	5	15.1	54	5.5
Sumter	15	6.3	362	1.4	106	2.9	10 255	.6	2	23.0	(D)	(D)
Union	6	13.9	26	17.0	11	10.3	84	14.2	6	15.3	279	19.2
Williamsburg	17	8.4	41	6.4	170	2.8	13 285	2.1	2	–	(D)	(D)
York	19	6.7	1 253	2.2	23	6.9	1 431	4.8	5	15.8	177	16.3

Geographic area	Livestock and poultry —Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
South Carolina	**895**	**2.3**	**5 245 525**	**–**	**292**	**.7**	**106 171 059**	**.1**
Abbeville	30	5.7	(D)	(D)	2	20.7	(D)	(D)
Aiken	42	6.0	28 167	4.3	41	1.6	16 014 440	.3
Allendale	8	11.9	108	15.2	–	–	–	–
Anderson	35	5.9	220 431	(L)	9	–	2 309 489	–
Bamberg	19	6.8	(D)	(D)	–	–	–	–
Barnwell	16	7.8	(D)	(D)	–	–	–	–
Beaufort	5	20.9	48	25.4	–	–	–	–
Berkeley	20	6.7	(D)	(D)	–	–	–	–
Calhoun	5	13.2	(D)	(D)	2	–	(D)	(D)
Charleston	12	11.1	503	16.3	–	–	–	–
Cherokee	11	11.5	(D)	(D)	–	–	–	–
Chester	22	7.3	(D)	(D)	–	–	–	–
Chesterfield	11	10.1	(D)	(D)	12	3.7	5 112 800	.2
Clarendon	13	10.7	(D)	(D)	5	–	1 116 000	–
Colleton	45	5.7	(D)	(D)	4	17.5	32	18.1
Darlington	5	13.7	494 043	(L)	1	–	(D)	(D)
Dillon	2	14.7	(D)	(D)	6	–	1 214 500	–
Dorchester	20	7.8	67 562	.1	2	–	(D)	(D)
Edgefield	17	8.3	184 195	(L)	4	17.1	(D)	(D)
Fairfield	14	8.1	211	7.6	–	–	–	–
Florence	20	6.7	(D)	(D)	4	–	744 679	–
Georgetown	14	10.3	381	17.4	–	–	–	–
Greenville	29	7.2	4 520	14.8	–	–	–	–
Greenwood	27	6.5	441 854	(L)	–	–	–	–

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 14
TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Livestock and poultry —Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Hampton	13	7.4	467	10.5	1	47.8	(D)	(D)
Horry	40	5.9	1 022	8.2	–	–	–	–
Jasper	12	11.0	245	13.5	–	–	–	–
Kershaw	13	9.7	(D)	(D)	1	–	(D)	(D)
Lancaster	17	8.3	274	11.1	1	–	(D)	(D)
Laurens	19	8.7	163 669	(L)	–	–	–	–
Lee	4	15.3	58	11.9	13	1.8	3 323 374	.3
Lexington	49	4.7	358 699	(L)	86	1.1	32 444 477	.2
McCormick	3	–	(D)	(D)	–	–	–	–
Marion	15	8.3	229	9.3	–	–	–	–
Marlboro	1	38.6	(D)	(D)	5	–	1 507 000	–
Newberry	21	5.4	778 407	(L)	2	–	(D)	(D)
Oconee	32	5.7	645 559	(L)	36	1.1	10 426 215	(L)
Orangeburg	35	5.9	(D)	(D)	12	3.5	6 410 070	(L)
Pickens	19	7.7	(D)	(D)	1	47.6	(D)	(D)
Richland	20	7.8	520	7.7	–	–	–	–
Saluda	21	6.2	268 359	(L)	29	1.7	12 920 400	.1
Spartanburg	26	7.5	(D)	(D)	–	–	–	–
Sumter	17	6.9	405	8.1	10	–	6 002 997	–
Union	13	10.7	323	22.4	–	–	–	–
Williamsburg	30	6.4	640	10.4	2	–	(D)	(D)
York	33	6.9	4 838	27.3	1	40.9	(D)	(D)

Geographic area	Selected crops harvested											
	Corn for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
South Carolina	**4 346**	**1.2**	**311 947**	**.4**	**27 192 657**	**.4**	**2 237**	**.9**	**240 634**	**.3**	**10 470 395**	**.3**
Abbeville	12	7.2	102	4.1	5 055	4.2	14	6.4	546	9.9	18 920	11.2
Aiken	127	2.9	4 231	2.2	333 269	1.7	78	3.2	5 500	2.6	179 743	2.4
Allendale	47	3.2	9 791	.6	890 330	.5	35	3.6	9 276	1.0	411 721	.8
Anderson	44	4.3	1 325	4.1	77 537	2.7	75	2.9	4 548	2.7	182 379	2.9
Bamberg	121	2.0	15 061	1.1	1 360 461	1.0	45	2.5	5 258	.8	219 252	.8
Barnwell	81	2.7	7 189	.9	646 701	.8	35	2.9	4 214	.5	173 126	.5
Beaufort	25	6.4	1 345	5.7	94 453	8.3	5	–	483	–	23 083	–
Berkeley	143	2.5	5 682	2.6	398 536	2.2	23	5.8	1 090	4.9	37 233	5.5
Calhoun	92	2.2	11 254	1.0	1 043 072	.9	61	2.5	7 864	1.4	360 203	1.5
Charleston	35	5.5	1 201	8.9	86 341	11.4	4	20.8	(D)	(D)	(D)	(D)
Cherokee	10	11.1	(D)	(D)	(D)	(D)	12	5.9	704	4.7	24 991	4.0
Chester	20	6.8	1 034	8.1	44 408	7.4	12	7.8	1 075	5.2	46 393	4.7
Chesterfield	46	3.6	3 770	1.2	253 697	1.6	49	3.3	5 222	1.2	205 381	1.2
Clarendon	180	1.7	23 703	.3	2 598 548	.3	118	1.8	17 584	.6	866 237	.4
Colleton	233	2.2	15 649	1.4	1 334 680	1.2	30	4.6	2 225	2.3	99 793	2.2
Darlington	147	2.2	12 907	.8	994 038	.8	170	2.0	26 352	.6	1 175 796	.6
Dillon	98	1.8	9 380	.4	629 505	.3	116	1.7	22 458	.6	1 060 837	.5
Dorchester	146	2.5	10 222	1.7	973 527	1.8	26	5.2	1 751	4.0	73 125	3.1
Edgefield	11	8.8	338	5.7	32 490	5.0	20	5.4	866	3.2	36 290	3.4
Fairfield	5	16.5	61	20.0	4 305	20.6	3	17.8	16	17.3	335	18.7
Florence	295	1.6	15 197	1.1	1 248 334	1.2	166	1.7	15 032	.7	640 915	.7
Georgetown	86	2.8	1 947	1.8	120 364	1.7	8	8.4	191	2.6	4 456	2.0
Greenville	40	4.9	483	2.8	33 791	1.7	26	5.4	1 133	5.2	42 764	4.6
Greenwood	14	9.5	248	8.4	15 911	9.8	5	7.7	420	1.8	16 940	1.7
Hampton	134	2.1	15 526	.8	1 358 126	.8	44	2.2	7 275	1.0	317 855	1.1
Horry	447	1.9	21 424	1.1	1 857 664	1.0	112	2.6	6 228	1.4	262 476	1.1
Jasper	68	3.1	1 484	4.1	91 739	4.0	9	9.8	287	10.6	7 210	10.4
Kershaw	31	5.3	1 104	5.3	62 627	4.9	19	5.3	1 970	2.4	81 630	1.9
Lancaster	30	5.2	700	4.1	37 832	6.0	18	5.4	683	3.9	25 434	3.9
Laurens	9	12.0	500	5.2	35 520	5.8	26	5.5	1 159	5.5	35 115	4.7
Lee	105	1.5	11 596	.7	863 872	.7	93	1.8	11 922	.9	514 325	.8
Lexington	144	2.5	5 359	1.5	391 872	1.7	77	3.2	4 412	1.9	146 172	2.1
McCormick	2	21.4	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Marion	73	2.7	5 195	1.9	432 153	1.3	62	2.9	7 521	1.9	339 936	2.4
Marlboro	44	2.1	4 913	.3	294 792	.2	62	2.0	10 566	.5	465 406	.5
Newberry	31	5.0	981	3.2	70 161	5.0	62	3.2	5 154	2.5	212 007	2.9
Oconee	42	5.2	558	7.4	35 343	6.5	17	6.3	1 216	2.7	55 564	1.8
Orangeburg	372	1.9	36 096	.9	3 535 888	.8	147	2.4	16 294	1.1	713 912	1.0
Pickens	25	6.4	547	8.9	31 590	8.6	9	10.9	234	14.6	6 140	12.1
Richland	72	3.9	6 146	2.4	489 205	1.8	40	4.8	5 390	2.1	251 715	1.5
Saluda	36	4.8	1 001	2.6	93 766	2.6	48	3.3	2 805	2.3	110 736	2.5
Spartanburg	37	5.2	665	2.9	53 030	1.5	63	3.6	2 870	3.1	96 593	3.5
Sumter	188	1.7	26 220	.5	2 554 440	.6	106	1.8	13 653	.8	644 804	.7
Union	9	11.9	120	16.4	6 225	16.4	3	21.8	(D)	(D)	(D)	(D)
Williamsburg	368	1.7	19 192	1.1	1 660 167	1.1	59	2.8	5 146	.8	204 518	.8
York	21	6.4	450	4.2	14 525	4.4	25	4.6	1 884	4.5	73 774	4.7

See footnotes at end of table.

TIPS [UPF] BATCH_542 [ACEN,C_ARLEDGE] 10/ 7/94 11:48 AM MACHINE: EPCV22 DATA:VOL1_TIPS_APX_57.TIPS;1 * 9/28/94 12:29:00 TAPE: NOreel FRAME: 15
TSF:TIPS92-12293451.DAT;1 9/28/94 12:29:40 UTF:TIPS93-12293451.DAT;1 9/28/94 12:29:40 META:VOL1_TIPS96_APX_57.DAT;2 9/28/94 12:30:24

Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested —Con.											
	Cotton						Tobacco					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bales	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Pounds	Relative standard error of estimate (percent)
South Carolina	**861**	**.8**	**191 690**	**.2**	**223 658**	**.2**	**1 965**	**1.1**	**50 194**	**.4**	**104 627 617**	**.3**
Abbeville	–	–	–	–	–	–	–	–	–	–	–	–
Aiken	19	5.5	2 919	1.6	4 161	1.2	–	–	–	–	–	–
Allendale	13	4.3	2 798	1.7	3 936	.3	–	–	–	–	–	–
Anderson	7	10.2	398	7.0	358	7.4	–	–	–	–	–	–
Bamberg	5	–	1 531	–	2 020	–	1	–	(D)	(D)	(D)	(D)
Barnwell	24	3.8	2 046	1.4	2 569	1.6	1	–	(D)	(D)	(D)	(D)
Beaufort	–	–	–	–	–	–	–	–	–	–	–	–
Berkeley	–	–	–	–	–	–	19	6.7	153	6.5	300 444	6.2
Calhoun	53	2.0	15 325	.9	24 659	.6	–	–	–	–	–	–
Charleston	–	–	–	–	–	–	–	–	–	–	–	–
Cherokee	1	19.5	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Chester	5	7.4	795	2.6	590	1.4	–	–	–	–	–	–
Chesterfield	8	8.7	1 080	4.4	1 209	3.7	16	5.4	265	4.8	537 704	4.4
Clarendon	43	–	7 918	–	11 412	–	86	2.4	2 519	.6	5 980 656	.5
Colleton	1	–	(D)	(D)	(D)	(D)	4	9.3	282	.5	214 861	.7
Darlington	81	2.4	15 936	.7	15 361	.5	156	2.2	3 974	.6	8 304 783	.5
Dillon	35	2.2	12 001	.4	14 302	.4	161	1.5	4 794	.6	9 777 615	.5
Dorchester	14	6.3	1 807	1.3	2 279	1.1	10	7.3	552	1.3	1 374 200	1.4
Edgefield	3	–	591	–	629	–	–	–	–	–	–	–
Fairfield	–	–	–	–	–	–	–	–	–	–	–	–
Florence	35	2.9	6 190	1.1	5 328	1.3	365	1.4	9 948	.4	19 506 805	.4
Georgetown	–	–	–	–	–	–	78	2.7	1 207	1.1	2 694 882	1.0
Greenville	–	–	–	–	–	–	–	–	–	–	–	–
Greenwood	1	–	(D)	(D)	(D)	(D)	1	49.9	(D)	(D)	(D)	(D)
Hampton	23	4.0	4 839	1.2	6 607	1.3	1	15.8	(D)	(D)	(D)	(D)
Horry	15	5.4	2 348	2.3	3 192	1.6	568	1.7	13 149	.8	28 077 424	.8
Jasper	–	–	–	–	–	–	–	–	–	–	–	–
Kershaw	10	6.1	381	4.8	469	4.2	4	15.4	78	8.4	167 105	7.0
Lancaster	5	11.2	56	14.0	45	14.5	–	–	–	–	–	–
Laurens	–	–	–	–	–	–	–	–	–	–	–	–
Lee	122	1.2	33 977	.4	30 496	.4	27	4.3	822	1.7	1 617 216	1.6
Lexington	8	4.5	1 050	1.1	718	.8	–	–	–	–	–	–
McCormick	–	–	–	–	–	–	–	–	–	–	–	–
Marion	5	7.2	993	.3	783	.3	116	1.8	5 010	.5	10 298 439	.4
Marlboro	79	2.0	29 085	.5	33 311	.4	17	5.0	675	.9	1 456 008	.9
Newberry	–	–	–	–	–	–	–	–	–	–	–	–
Oconee	–	–	–	–	–	–	–	–	–	–	–	–
Orangeburg	100	2.9	16 220	1.3	23 580	1.1	3	8.8	1	7.2	2 200	7.2
Pickens	–	–	–	–	–	–	–	–	–	–	–	–
Richland	3	–	782	–	976	–	–	–	–	–	–	–
Saluda	5	5.7	641	6.7	849	5.0	–	–	–	–	–	–
Spartanburg	–	–	–	–	–	–	–	–	–	–	–	–
Sumter	53	1.7	13 258	.3	13 505	.3	66	2.7	1 167	.6	2 408 269	.5
Union	–	–	–	–	–	–	–	–	–	–	–	–
Williamsburg	66	1.9	14 600	.5	19 045	.6	265	1.8	5 553	.9	11 847 416	.8
York	19	5.4	1 930	3.6	1 055	4.3	–	–	–	–	–	–

Geographic area	Selected crops harvested —Con.											
	Soybeans for beans						Hay —alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
South Carolina	**4 015**	**1.1**	**532 909**	**.4**	**11 521 171**	**.3**	**7 056**	**1.3**	**244 228**	**1.0**	**481 619**	**.9**
Abbeville	10	6.1	365	6.0	7 377	6.9	249	1.8	8 840	3.2	16 100	2.6
Aiken	80	3.3	7 848	2.4	178 857	2.2	259	2.3	8 710	2.8	21 290	2.7
Allendale	37	3.4	10 918	.8	239 691	.7	19	4.8	1 552	3.1	5 781	2.3
Anderson	59	3.3	4 352	4.1	101 436	3.4	578	1.5	22 607	1.4	42 994	1.6
Bamberg	90	2.2	12 441	1.1	260 470	1.1	53	2.8	2 351	2.5	7 363	3.1
Barnwell	56	2.8	9 202	.8	209 852	1.3	64	4.2	1 837	5.8	4 065	5.9
Beaufort	5	9.7	330	3.7	3 850	3.8	18	7.3	865	3.7	2 943	3.8
Berkeley	64	3.1	3 392	2.9	66 578	2.9	74	3.6	1 045	3.9	1 983	4.1
Calhoun	80	2.3	13 503	1.4	301 413	1.2	67	3.4	2 304	3.8	5 521	4.8
Charleston	7	12.0	527	15.3	12 772	9.7	34	5.8	1 667	5.6	2 191	7.3
Cherokee	16	6.8	806	5.3	19 067	3.7	194	1.9	6 788	2.2	12 193	3.3
Chester	6	13.3	378	12.9	7 105	14.1	189	2.1	6 949	2.3	13 564	2.5
Chesterfield	61	3.3	9 115	1.8	188 624	2.1	196	2.3	7 971	2.1	17 277	2.5
Clarendon	182	1.5	37 465	.5	943 047	.4	51	3.0	1 370	4.3	3 034	3.4
Colleton	97	2.7	10 455	1.5	224 334	1.3	142	2.6	4 338	2.3	11 184	2.6
Darlington	214	1.9	49 898	.6	926 688	.6	63	3.8	2 225	2.4	4 828	2.6
Dillon	168	1.5	38 527	.4	807 522	.4	26	5.1	501	7.2	802	9.1
Dorchester	90	3.0	9 259	2.2	203 363	1.8	64	4.0	1 436	5.4	2 353	5.5
Edgefield	16	7.0	2 459	1.7	48 410	1.8	104	2.9	5 508	2.9	10 747	3.0
Fairfield	1	42.1	(D)	(D)	(D)	(D)	115	2.3	5 498	2.2	10 187	2.9
Florence	464	1.3	49 600	.6	900 206	.6	75	4.1	1 423	4.3	3 579	5.0
Georgetown	53	3.4	2 815	2.5	61 077	1.7	46	4.0	1 326	5.5	2 588	2.5
Greenville	18	7.1	985	7.0	22 323	6.8	261	2.0	7 980	2.6	11 686	3.1
Greenwood	2	–	(D)	(D)	(D)	(D)	174	2.3	6 997	2.5	11 512	3.7

See footnotes at end of table.

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Table F. **Reliability Estimates for the State and County Totals: 1992** —Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected crops harvested —Con.											
	Soybeans for beans						Hay —alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Hampton	86	2.1	15 993	1.0	387 374	.9	37	3.8	887	4.7	2 462	5.0
Horry	546	1.8	41 444	1.0	844 234	.9	166	3.1	3 042	3.2	7 305	5.7
Jasper	15	7.7	334	8.0	6 360	9.2	23	5.6	2 085	1.3	7 060	1.5
Kershaw	19	6.1	2 785	1.0	61 354	.7	103	2.8	2 952	3.7	6 680	3.4
Lancaster	23	5.4	1 479	4.3	28 354	2.7	204	2.1	5 325	3.6	7 824	4.1
Laurens	18	6.6	899	5.6	17 836	5.8	361	1.7	15 107	2.0	23 507	2.2
Lee	148	1.5	25 790	.6	516 426	.7	39	4.1	1 628	4.0	3 818	4.3
Lexington	104	2.7	10 313	1.5	204 231	1.1	310	1.9	8 019	2.8	18 480	3.1
McCormick	–	–	–	–	–	–	38	4.3	2 169	5.6	3 468	10.0
Marion	114	2.2	18 130	1.0	368 078	1.0	49	4.1	1 344	4.9	3 737	5.8
Marlboro	86	1.9	24 032	.4	473 710	.3	48	3.7	1 940	3.4	3 237	4.8
Newberry	28	4.7	4 026	2.4	89 710	2.3	303	1.4	11 589	1.5	22 523	1.6
Oconee	16	7.3	1 406	3.5	13 740	7.2	343	1.8	9 390	2.1	15 334	2.5
Orangeburg	334	1.9	43 427	1.1	1 151 918	.9	197	2.5	8 881	2.6	25 850	2.2
Pickens	12	9.3	391	9.3	10 647	10.3	223	2.1	6 169	3.7	8 307	3.2
Richland	66	3.8	11 681	2.1	304 085	1.4	109	3.2	3 241	4.0	6 212	3.8
Saluda	32	3.9	2 307	3.9	62 619	3.7	312	1.6	12 721	1.5	24 921	1.4
Spartanburg	35	5.1	1 763	4.5	45 345	5.0	429	1.8	13 376	1.8	25 585	2.5
Sumter	173	1.6	27 379	.8	639 632	.6	60	3.6	2 776	3.2	8 011	3.6
Union	1	31.6	(D)	(D)	(D)	(D)	133	2.4	5 751	2.5	8 027	4.3
Williamsburg	270	1.7	23 482	.9	533 480	1.0	97	3.2	2 236	3.0	4 760	2.8
York	13	5.8	1 061	5.8	25 326	7.3	357	1.6	11 512	1.8	18 746	2.1

Geographic area	Selected crops harvested —Con.			
	Land in orchards			
	Farms		Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
South Carolina	**1 157**	**1.9**	**42 075**	**.5**
Abbeville	15	8.0	131	10.6
Aiken	47	5.3	2 282	.7
Allendale	6	9.3	(D)	(D)
Anderson	40	5.6	325	6.6
Bamberg	17	7.4	83	7.8
Barnwell	14	7.9	(D)	(D)
Beaufort	11	9.8	91	9.3
Berkeley	9	8.7	26	8.9
Calhoun	16	8.4	227	6.5
Charleston	23	8.0	163	10.6
Cherokee	22	7.4	2 361	1.0
Chester	12	10.2	39	14.0
Chesterfield	31	5.5	1 293	2.6
Clarendon	6	8.9	52	5.6
Colleton	18	8.8	122	8.3
Darlington	11	9.2	149	8.7
Dillon	12	8.1	72	5.9
Dorchester	16	8.4	63	7.0
Edgefield	48	3.9	9 497	.8
Fairfield	11	11.1	44	13.3
Florence	27	6.4	165	5.1
Georgetown	4	16.7	3	18.9
Greenville	40	5.2	907	2.6
Greenwood	14	9.9	68	11.9
Hampton	6	14.0	(D)	(D)
Horry	19	8.9	97	17.5
Jasper	6	13.3	90	17.2
Kershaw	5	17.2	(D)	(D)
Lancaster	16	8.2	132	15.9
Laurens	26	6.6	781	1.2
Lee	13	7.8	43	11.2
Lexington	50	4.6	1 026	3.9
McCormick	4	11.8	45	2.1
Marion	5	12.3	16	4.8
Marlboro	4	12.5	40	22.5
Newberry	11	11.9	115	17.5
Oconee	78	3.7	1 891	2.0
Orangeburg	79	4.0	1 725	2.1
Pickens	20	8.2	91	10.8
Richland	29	7.4	207	9.2
Saluda	43	3.8	4 165	.6
Spartanburg	193	2.4	7 820	1.3
Sumter	19	6.5	612	1.4
Union	6	17.2	34	29.2
Williamsburg	5	17.7	21	38.1
York	50	4.4	645	2.5

[1]Data are based on a sample of farms.

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Table G. State Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992

[Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see introductory text]

Item	Census published farms		Not on mail list [1]		Percent not on mail list [1]	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
Farms ---- number	20 242	1.5	4 622	22.4	18.6	3.4
Land in farms ---- acres	4 472 569	.6	166 727	22.3	3.6	.8
Average size of farm ---- acres	221.0	1.6	36.1	14.5	(X)	(X)
Farms by size:						
Less than 10 acres	1 302	2.7	639	50.8	32.9	11.6
10 to 49 acres	5 495	2.2	2 853	28.3	34.2	6.3
Less than 50 acres	6 797	2.3	3 493	26.6	33.9	6.0
50 acres or more	13 445	1.1	1 130	37.0	7.7	2.6
50 to 99 acres	4 212	1.6	872	43.7	17.1	6.2
100 to 179 acres	3 379	1.4	198	82.2	5.5	4.3
180 acres or more	5 854	.8	59	44.7	1.0	.4
Harvested cropland ---- farms	14 587	1.4	2 631	26.7	15.3	3.5
acres	1 590 794	.4	44 375	28.2	2.7	.7
Farms by value of sales:						
Less than $1,000	3 888	2.4	3 192	28.0	45.1	6.9
$1,000 to $2,499	3 453	2.1	736	57.4	17.6	8.3
Less than $2,500	7 341	2.2	3 928	26.2	34.9	5.9
$2,500 or more	12 901	1.1	694	41.3	5.1	2.0
$2,500 to $9,999	6 214	1.6	549	48.6	8.1	3.6
$10,000 or more	6 687	.8	146	67.8	2.1	1.4
Market value of agricultural products sold ---- $1,000	1 066 079	.2	5 762	31.8	.5	.2
Farms by standard industrial classification:						
Crops (01)	8 744	1.5	1 948	31.7	18.2	4.7
Livestock (02)	11 498	1.5	2 674	28.1	18.9	4.3
Farms by type of organization:						
Individual or family	17 933	1.5	4 350	22.9	19.5	3.6
Partnership or corporation	2 168	1.2	178	74.8	7.6	5.2
Other	141	3.0	94	(H)	40.0	24.2
Farms by tenure of operator:						
Full owners	12 340	1.6	4 419	22.7	26.4	4.4
Part owners and tenants	7 902	1.3	195	55.1	2.4	1.3
Part owners	6 407	1.1	82	66.3	1.3	.8
Tenants	1 495	2.1	113	86.4	7.0	5.7
Operators by place of residence:						
On farm operated	14 113	1.4	2 325	33.2	14.1	4.0
Not on farm operated	4 211	1.7	130	93.9	3.0	2.7
Not reported	1 918	1.5	2 168	27.3	53.1	6.8
Operators by principal occupation:						
Farming	8 866	1.0	301	69.6	3.3	2.2
Other	11 376	1.9	2 388	31.9	17.4	4.6
Operators by sex:						
Male	18 617	1.4	4 526	22.8	19.6	3.6
Female	1 625	1.9	96	92.0	5.6	4.8
Operators by race:						
White	18 423	1.4	2 560	29.9	12.2	3.2
Black and other races	1 819	2.1	129	94.4	6.6	5.8
Operators by years on present farm:						
4 years or less	2 314	2.9	247	62.6	9.7	5.4
5 years or more	13 436	1.3	2 092	35.5	13.5	4.1
Average years on present farm	19.7	1.9	15.9	35.9	(X)	(X)
Not reported	4 492	1.5	2 283	25.9	33.7	6.0
Average age of operator	55.5	2.0	57.6	27.1	(X)	(X)

Note: These estimates do not account for incorrectly classified farms or farms appearing more than once in the census and are subject to change in the 1992 Coverage Evaluation publication. See appendix C text for further explanation.

[1]Estimates are based on a sample survey conducted independently of census data collection.

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