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__	12.5
Land in farms_____acres__	3.4
Estimated market value of land and buildings[1]_____$1,000__	3.2
Market value of agricultural products sold __$1,000__	2.6
Harvested cropland _____acres__	4.5
Corn for grain or seed_____acres__	8.0
Wheat for grain_____acres__	3.1
Livestock and poultry inventory:	
Cattle and calves _____number__	5.0
Hogs and pigs _____number__	6.9
Hens and pullets of laying age_____number__	.3

[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	5.5
50	3.7
75	2.8
100	2.2
150	1.4
200	.8
300	.7
500	.5
750	.4
1,000	.4
1,500	.3
2,000	.3
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	35.6
50	25.2
75	20.7
100	17.9
150	14.7
200	12.8
300	10.5
500	8.3
750	6.9
1,000	6.1
1,500	5.2
2,000	4.7

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)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			**FARM PRODUCTION EXPENSES**[1]		
Farms _____number__	22 124	.9	Total farm production expenses _____farms __	22 129	.9
Land in farms _____acres__	13 468 992	.3	$1,000__	2 445 017	.3
Average size of farm _____acres __	609	1.0	Average per farm _____dollars__	110 489	1.0
			Livestock and poultry purchased _____farms __	8 621	2.0
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			$1,000__	527 312	.5
			Feed for livestock and poultry _____farms __	12 731	1.5
			$1,000__	347 903	.7
Total sales (see text) _____farms __	22 124	.9	Commercially mixed formula feeds _____farms __	4 107	3.1
$1,000__	2 964 216	.3	$1,000__	55 307	1.4
Average per farm _____dollars__	133 982	.9			
			Seeds, bulbs, plants, and trees _____farms __	10 638	1.6
Farms by value of sales:			$1,000__	81 901	.9
Less than $1,000 (see text) _____farms __	2 503	.9	Commercial fertilizer _____farms __	11 732	1.5
$1,000__	597	1.3	$1,000__	190 698	.7
$1,000 to $2,499 _____farms __	2 223	1.0	Agricultural chemicals _____farms __	11 435	1.5
$1,000__	3 716	1.0	$1,000__	82 374	1.1
$2,500 to $4,999 _____farms __	2 186	1.0	Petroleum products _____farms __	20 715	1.0
$1,000__	7 866	1.1	$1,000__	95 329	.7
$5,000 to $9,999 _____farms __	2 433	1.3			
$1,000__	17 500	1.3	Electricity _____farms __	16 250	1.2
$10,000 to $19,999 _____farms __	2 460	1.5	$1,000__	84 103	.8
$1,000__	34 627	1.6	Hired farm labor _____farms __	10 005	1.6
$20,000 to $24,999 _____farms __	806	1.9	$1,000__	245 990	.6
$1,000__	17 906	1.9	Contract labor _____farms __	3 947	2.9
			$1,000__	32 386	1.3
$25,000 to $39,999 _____farms __	1 654	1.7	Repair and maintenance _____farms __	18 514	1.1
$1,000__	52 828	1.7	$1,000__	133 411	.7
$40,000 to $49,999 _____farms __	716	1.9	Customwork, machine hire, and rental of machinery and equipment _____farms __	9 393	1.8
$1,000__	31 880	1.9	$1,000__	56 439	1.9
$50,000 to $99,999 _____farms __	2 253	1.5	Interest expense _____farms __	11 980	1.5
$1,000__	161 692	1.5	$1,000__	157 683	.9
$100,000 to $249,999 _____farms __	2 551	.9	Secured by real estate _____farms __	8 521	1.9
$1,000__	405 932	.8	$1,000__	90 962	1.3
$250,000 to $499,999 _____farms __	1 239	–	Not secured by real estate _____farms __	7 532	2.0
$1,000__	426 871	–	$1,000__	66 722	1.0
$500,000 or more _____farms __	1 100	–			
$1,000__	1 802 801	–	Cash rent _____farms __	6 082	2.3
Sales by commodity or commodity group:			$1,000__	100 998	1.2
Crops, including nursery and greenhouse crops _____farms __	12 168	1.0	Property taxes _____farms __	20 516	1.0
$1,000__	1 492 103	.3	$1,000__	48 131	1.1
Grains _____farms __	8 311	1.0	All other farm production expenses _____farms __	20 839	1.0
$1,000__	517 822	.4	$1,000__	260 360	.5
Corn for grain _____farms __	589	1.5			
$1,000__	10 176	1.2			
Wheat _____farms __	6 066	.9	**NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)** [1]		
$1,000__	319 593	.3			
Soybeans _____farms __	–	–			
$1,000__	–	–	All farms _____number__	22 129	.9
Sorghum for grain _____farms __	3	20.1	$1,000__	493 797	1.2
$1,000__	(D)	(D)	Average per farm _____dollars__	22 314	1.5
Barley _____farms __	4 205	1.1			
$1,000__	117 799	.4	Farms with net gains [2] _____number__	11 932	1.4
Oats _____farms __	298	1.8	$1,000__	575 277	.9
$1,000__	(D)	(D)	Average net gain _____dollars__	48 213	1.7
Other grains _____farms __	2 275	1.1			
$1,000__	68 936	.7	Farms with net losses _____number__	10 197	1.6
			$1,000__	81 480	2.6
Cotton and cottonseed _____farms __	–	–	Average net loss _____dollars__	7 991	3.1
$1,000__	–	–			
Tobacco _____farms __	–	–			
$1,000__	–	–	**GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME**		
Hay, silage, and field seeds _____farms __	6 960	1.0			
$1,000__	158 792	.7			
			Government payments _____farms __	5 698	1.0
Vegetables, sweet corn, and melons _____farms __	789	1.2	$1,000__	74 188	.5
$1,000__	51 890	.4	Other farm-related income [1] _____farms __	5 939	2.5
Fruits, nuts, and berries _____farms __	339	1.6	$1,000__	50 036	3.4
$1,000__	12 424	1.1	Customwork and other agricultural services _____farms __	2 263	4.3
			$1,000__	21 255	5.2
Nursery and greenhouse crops _____farms __	537	1.3	Gross cash rent or share payments _____farms __	2 884	3.9
$1,000__	31 679	.8	$1,000__	21 898	5.1
Other crops _____farms __	2 820	.7	Forest products and Christmas trees _____farms __	558	8.5
$1,000__	719 497	.1	$1,000__	4 646	8.8
			Other farm-related income sources _____farms __	1 298	5.3
Livestock, poultry, and their products _____farms __	14 322	1.0	$1,000__	2 236	8.5
$1,000__	1 472 113	.3			
Poultry and poultry products _____farms __	409	1.6			
$1,000__	16 312	.5			
Dairy products _____farms __	1 419	1.3	**COMMODITY CREDIT CORPORATION LOANS**		
$1,000__	334 867	.3			
Cattle and calves _____farms __	12 230	1.0			
$1,000__	1 036 015	.2			
Hogs and pigs _____farms __	940	1.3			
$1,000__	9 746	1.3			
Sheep, lambs, and wool _____farms __	1 293	1.2			
$1,000__	19 418	.5			
Other livestock and livestock products (see text) _____farms __	2 299	1.0			
$1,000__	55 756	.4			
Value of agricultural products sold directly to individuals for human consumption (see text) _____farms __	1 120	1.2	Total _____farms __	797	.9
$1,000__	2 107	1.9	$1,000__	23 830	.3

See footnotes at end of table.

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	19 204	.9
acres	6 301 862	.5
Harvested cropland _____ farms	16 023	1.0
acres	4 225 273	.4
Farms by acres harvested:		
1 to 9 acres _____ farms	1 825	1.0
acres	8 649	1.1
10 to 19 acres _____ farms	1 470	1.2
acres	19 878	1.2
20 to 29 acres _____ farms	1 178	1.3
acres	27 395	1.3
30 to 49 acres _____ farms	1 657	1.5
acres	61 341	1.5
50 to 99 acres _____ farms	2 414	1.7
acres	170 487	1.7
100 to 199 acres _____ farms	2 387	1.6
acres	335 301	1.6
200 to 499 acres _____ farms	2 747	1.0
acres	861 141	.9
500 to 999 acres _____ farms	1 384	.4
acres	971 951	.3
1,000 acres or more _____ farms	961	—
acres	1 769 130	—
Cropland:		
Pasture or grazing only _____ farms	9 462	1.1
acres	814 777	1.0
Other cropland _____ farms	6 896	1.0
acres	1 261 812	.5
Total woodland _____ farms	2 543	.8
acres	1 033 770	.3
Pastureland and rangeland other than cropland and woodland pastured _____ farms	6 247	.9
acres	5 811 794	.1
Land in house lots, ponds, roads, wasteland, etc. _____ farms	12 528	1.0
acres	321 566	.8
Irrigated land _____ farms	15 487	1.0
acres	3 260 006	.5
Acres irrigated:		
1 to 9 acres _____ farms	2 615	1.0
acres	12 538	1.0
10 to 49 acres _____ farms	4 316	1.1
acres	107 073	1.2
50 to 99 acres _____ farms	2 231	1.7
acres	158 107	1.7
100 to 199 acres _____ farms	2 243	1.7
acres	315 636	1.7
200 to 499 acres _____ farms	2 392	1.1
acres	743 303	1.0
500 to 999 acres _____ farms	1 039	.4
acres	715 560	.3
1,000 acres or more _____ farms	651	—
acres	1 207 789	—
Harvested cropland irrigated _____ farms	12 776	1.0
acres	2 882 199	.5
Pasture and other land irrigated _____ farms	6 613	1.0
acres	377 807	.8
Land under federal acreage reduction programs:		
Diverted under annual commodity programs _____ farms	3 015	.9
acres	76 255	.3
Conservation Reserve or Wetlands Reserve Programs _____ farms	1 919	1.1
acres	545 880	.7
VALUE OF LAND AND BUILDINGS [1]		
Estimated market value of land and buildings _____ farms	22 129	.9
$1,000	9 077 459	.9
Average per farm _____ dollars	410 206	1.3
Average per acre _____ dollars	682	1.2
VALUE OF MACHINERY AND EQUIPMENT [1]		
Estimated market value of all machinery and equipment _____ farms	22 065	.9
$1,000	1 496 916	1.0
Average per farm _____ dollars	67 841	1.4
AGRICULTURAL CHEMICALS[1]		
Commercial fertilizer _____ farms	11 701	1.5
acres on which used	3 329 048	.9

Item	Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR		
All operators _____ farms	22 124	.9
acres	13 468 992	.3
Full owners _____ farms	13 000	1.0
acres	4 434 206	.5
Part owners _____ farms	6 502	.9
acres	7 670 690	.2
Tenants _____ farms	2 622	1.1
acres	1 364 096	.5
OWNED AND RENTED LAND		
Land owned _____ farms	19 592	.9
acres	9 165 479	.4
Owned land in farms _____ farms	19 502	.9
acres	8 522 632	.4
Land rented or leased from others _____ farms	9 205	.9
acres	5 235 379	.3
landlords	23 104	.8
Rented or leased land in farms _____ farms	9 125	.9
acres	4 946 360	.3
Land rented or leased to others _____ farms	3 170	1.0
acres	931 866	.8
OPERATOR CHARACTERISTICS		
Operators by place of residence:		
On farm operated	16 905	.9
Not on farm operated	3 826	1.0
Not reported	1 393	1.0
Operators by principal occupation:		
Farming	13 082	1.0
Other	9 042	.9
Operators by days worked off farm:		
Any	11 342	1.0
200 days or more	7 214	.9
Operators by sex:		
Male _____ farms	20 745	.9
acres	13 006 401	.3
Female _____ farms	1 379	1.1
acres	462 591	.6
Average age of operator _____ years	52.2	1.3
FARMS BY TYPE OF ORGANIZATION		
Individual or family (sole proprietorship) _____ farms	18 534	1.0
acres	6 819 467	.6
Partnership _____ farms	2 074	.9
acres	2 452 554	.2
Corporation:		
Family held _____ farms	1 177	.6
acres	2 252 963	.1
More than 10 stockholders _____ farms	40	2.0
10 or less stockholders _____ farms	1 137	.7
Other than family held _____ farms	110	2.1
acres	111 683	.6
More than 10 stockholders _____ farms	19	3.5
10 or less stockholders _____ farms	91	2.4
Other—cooperative, estate or trust, institutional, etc. _____ farms	229	1.7
acres	1 832 325	.1
HIRED FARM LABOR		
Hired workers by days worked:		
150 days or more _____ farms	4 947	8.9
workers	15 453	4.7
Less than 150 days _____ farms	8 952	14.0
workers	56 778	6.9
INJURIES AND DEATHS		
Farm-related injuries:		
Operator and family members _____ farms	237	1.5
number	280	1.5
Hired workers _____ farms	354	.7
number	637	.5
Farm-related deaths:		
Operator and family members _____ farms	6	6.0
number	6	6.0
Hired workers _____ farms	6	5.8
number	6	5.8

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)	Item	Total	Relative standard error of estimate (percent)
FARMS BY SIZE			**LIVESTOCK—Con.**		
1 to 9 acres ———— farms __	2 785	1.0	Cattle and calves sold ———— farms __	12 230	1.0
acres __	12 074	1.0	number __	1 646 112	.3
10 to 49 acres ———— farms __	5 017	.9	$1,000 __	1 036 015	.2
acres __	126 401	.9	Hogs and pigs inventory ———— farms __	1 141	1.3
50 to 69 acres ———— farms __	1 003	1.4	number __	67 343	1.5
acres __	58 181	1.4	Hogs and pigs sold ———— farms __	940	1.3
70 to 99 acres ———— farms __	1 554	1.5	number __	104 723	1.4
acres __	126 231	1.5	$1,000 __	9 746	1.3
100 to 139 acres ———— farms __	1 268	1.6	Sheep and lambs of all ages inventory ———— farms __	1 316	1.2
acres __	147 575	1.6	number __	347 678	.4
140 to 179 acres ———— farms __	1 245	1.6	Sheep and lambs sold ———— farms __	1 253	1.3
acres __	196 309	1.6	number __	282 227	.6
180 to 219 acres ———— farms __	864	1.9	Horses and ponies inventory ———— farms __	7 762	.9
acres __	170 752	1.9	number __	45 621	1.0
220 to 259 acres ———— farms __	728	2.0	Horses and ponies sold ———— farms __	1 801	1.1
acres __	173 980	2.0	number __	6 525	5.1
260 to 499 acres ———— farms __	2 590	1.5			
acres __	942 358	1.5			
500 to 999 acres ———— farms __	2 270	1.2	**POULTRY**		
acres __	1 599 747	1.2			
1,000 to 1,999 acres ———— farms __	1 524	–	Chickens 3 months old or older inventory ———— farms __	1 119	1.2
acres __	2 098 046	–	number __	1 488 472	.1
2,000 acres or more ———— farms __	1 276	–	Hens and pullets of laying age ———— farms __	1 103	1.2
acres __	7 817 338	–	number __	1 347 715	.1
			Broilers and other meat-type chickens sold ———— farms __	59	3.9
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			number __	27 206	13.2
Cash grains (011) ———— farms __	3 398	1.1	**CROPS HARVESTED**		
acres __	2 635 178	.4	Corn for grain or seed ———— farms __	761	1.4
Field crops, except cash grains (013) ———— farms __	4 322	.9	acres __	38 069	1.1
acres __	2 884 882	.3	bushels __	4 547 254	1.0
Vegetables and melons (016) ———— farms __	202	2.0	Corn for silage or green chop ———— farms __	1 115	1.2
acres __	45 013	1.1	acres __	58 644	.8
Fruits and tree nuts (017) ———— farms __	313	1.7	tons, green __	1 240 461	.8
acres __	23 555	1.1	Wheat for grain ———— farms __	6 106	.9
Horticultural specialties (018) ———— farms __	238	2.0	acres __	1 384 893	.3
acres __	25 890	2.6	bushels __	94 094 326	.3
General farms, primarily crop (019) ———— farms __	1 231	1.2	Barley for grain ———— farms __	5 149	1.1
acres __	618 435	.6	acres __	691 273	.5
Livestock, except dairy, poultry, and animal specialties (021) ———— farms __	9 280	1.0	bushels __	48 647 384	.5
acres __	5 755 888	.4	Oats for grain ———— farms __	626	1.5
Dairy farms (024) ———— farms __	1 169	1.3	acres __	20 943	1.5
acres __	352 938	.9	bushels __	1 403 491	1.6
Poultry and eggs (025) ———— farms __	72	3.5	Dry edible beans, excluding dry limas ———— farms __	1 494	1.3
acres __	13 543	1.4	acres __	114 896	1.0
Animal specialties (027) ———— farms __	1 506	1.1	cwt __	2 064 725	1.0
acres __	122 145	1.6	Irish potatoes ———— farms __	1 616	.6
General farms, primarily livestock and animal specialties (029) ———— farms __	393	1.6	acres __	372 028	.2
acres __	991 525	.3	cwt __	119 060 333	.1
			Sugar beets for sugar ———— farms __	1 406	.8
LIVESTOCK			acres __	202 115	.3
			tons __	4 828 489	.3
Cattle and calves inventory ———— farms __	12 527	1.0	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ———— farms __	11 940	1.1
number __	1 812 720	.5	acres __	1 063 292	.8
Beef cows ———— farms __	8 393	1.1	tons, dry __	3 389 557	.7
number __	565 016	.7	Alfalfa hay ———— farms __	10 337	1.1
Milk cows ———— farms __	1 990	1.2	acres __	834 450	.8
number __	181 785	.4	tons, dry __	2 954 965	.7
			Vegetables harvested for sale (see text) ———— farms __	790	1.2
			acres __	50 825	.7
			Land in orchards ———— farms __	472	1.4
			acres __	10 939	1.4

[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__	12 779	1.1
Land in farms ____acres__	11 619 634	.3
Average size of farm ____acres__	909	1.1
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ____farms__	12 779	1.1
$1,000__	2 934 537	.2
Average per farm ____dollars__	229 637	1.1
Farms by value of sales:		
$10,000 to $19,999 ____farms__	2 460	1.5
$1,000__	34 627	1.6
$20,000 to $24,999 ____farms__	806	1.9
$1,000__	17 906	1.9
$25,000 to $39,999 ____farms__	1 654	1.7
$1,000__	52 828	1.7
$40,000 to $49,999 ____farms__	716	1.9
$1,000__	31 880	1.9
$50,000 to $99,999 ____farms__	2 253	1.5
$1,000__	161 692	1.5
$100,000 to $249,999 ____farms__	2 551	.9
$1,000__	405 932	.8
$250,000 to $499,999 ____farms__	1 239	–
$1,000__	426 871	–
$500,000 or more ____farms__	1 100	–
$1,000__	1 802 801	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ____farms__	8 977	1.0
$1,000__	1 482 371	.3
Grains ____farms__	7 276	1.0
$1,000__	514 317	.4
Corn for grain ____farms__	534	1.5
$1,000__	10 044	1.2
Wheat ____farms__	5 559	.9
$1,000__	317 889	.3
Soybeans ____farms__	–	–
$1,000__	–	–
Sorghum for grain ____farms__	3	20.1
$1,000__	(D)	(D)
Barley ____farms__	3 719	1.0
$1,000__	116 539	.4
Oats ____farms__	226	1.9
$1,000__	(D)	(D)
Other grains ____farms__	2 179	1.1
$1,000__	68 612	.7
Cotton and cottonseed ____farms__	–	–
$1,000__	–	–
Tobacco ____farms__	–	–
$1,000__	–	–
Hay, silage, and field seeds ____farms__	4 789	1.2
$1,000__	153 736	.7
Vegetables, sweet corn, and melons ____farms__	681	1.2
$1,000__	51 676	.4
Fruits, nuts, and berries ____farms__	157	2.1
$1,000__	12 063	1.2
Nursery and greenhouse crops ____farms__	429	1.4
$1,000__	31 285	.8
Other crops ____farms__	2 755	.7
$1,000__	719 293	.1
Livestock, poultry, and their products ____farms__	8 495	1.2
$1,000__	1 452 167	.2
Poultry and poultry products ____farms__	123	2.6
$1,000__	16 208	.5
Dairy products ____farms__	1 387	1.3
$1,000__	334 799	.3
Cattle and calves ____farms__	7 943	1.2
$1,000__	1 020 404	.2
Hogs and pigs ____farms__	483	1.8
$1,000__	9 131	1.4
Sheep, lambs, and wool ____farms__	596	1.7
$1,000__	18 409	.5
Other livestock and livestock products (see text) ____farms__	980	1.4
$1,000__	53 215	.4
Value of agricultural products sold directly to individuals for human consumption (see text) ____farms__	414	1.7
$1,000__	1 291	2.6

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ____farms__	12 797	1.0
$1,000__	2 389 856	.3
Average per farm ____dollars__	186 751	1.1
Livestock and poultry purchased ____farms__	5 259	2.4
$1,000__	519 953	.5
Feed for livestock and poultry ____farms__	7 195	1.8
$1,000__	341 207	.7
Commercially mixed formula feeds ____farms__	2 561	3.6
$1,000__	54 552	1.4
Seeds, bulbs, plants, and trees ____farms__	8 702	1.5
$1,000__	81 129	.9
Commercial fertilizer ____farms__	9 002	1.5
$1,000__	188 759	.7
Agricultural chemicals ____farms__	8 639	1.5
$1,000__	81 536	1.1
Petroleum products ____farms__	12 506	1.0
$1,000__	90 484	.7
Electricity ____farms__	10 677	1.2
$1,000__	82 084	.8
Hired farm labor ____farms__	7 971	1.6
$1,000__	244 771	.6
Contract labor ____farms__	3 206	3.0
$1,000__	31 879	1.3
Repair and maintenance ____farms__	11 938	1.1
$1,000__	127 139	.7
Customwork, machine hire, and rental of machinery and equipment ____farms__	7 015	1.9
$1,000__	54 884	2.0
Interest expense ____farms__	9 071	1.5
$1,000__	151 087	.9
Secured by real estate ____farms__	6 300	2.0
$1,000__	85 467	1.3
Not secured by real estate ____farms__	6 324	2.0
$1,000__	65 620	1.0
Cash rent ____farms__	4 991	2.3
$1,000__	99 557	1.2
Property taxes ____farms__	11 891	1.1
$1,000__	41 388	1.1
All other farm production expenses ____farms__	12 790	1.0
$1,000__	253 998	.5
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT) [1]		
All farms ____number__	12 797	1.0
$1,000__	519 307	1.2
Average per farm ____dollars__	40 580	1.5
Farms with net gains [2] ____number__	9 614	1.4
$1,000__	571 108	.9
Average net gain ____dollars__	59 404	1.7
Farms with net losses ____number__	3 183	3.3
$1,000__	51 801	3.7
Average net loss ____dollars__	16 274	5.0
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ____farms__	4 485	1.0
$1,000__	66 076	.4
Other farm-related income [1] ____farms__	3 893	2.9
$1,000__	42 761	3.7
Customwork and other agricultural services ____farms__	1 677	4.6
$1,000__	20 180	5.4
Gross cash rent or share payments ____farms__	1 654	4.9
$1,000__	17 827	5.7
Forest products and Christmas trees ____farms__	276	12.0
$1,000__	3 048	8.6
Other farm-related income sources ____farms__	1 018	5.5
$1,000__	1 706	5.5
COMMODITY CREDIT CORPORATION LOANS		
Total ____farms__	764	.9
$1,000__	23 779	.3

See footnotes at end of table.

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			**FARMS BY TYPE OF ORGANIZATION**		
Total cropland _____ farms __	11 806	1.1	Individual or family (sole proprietorship) _____ farms __	9 917	1.2
acres__	5 799 541	.5	acres__	5 921 216	.5
Harvested cropland _____ farms __	10 939	1.1	Partnership_____ farms __	1 626	.9
acres__	4 092 043	.4	acres__	2 348 596	.2
Cropland:			Corporation:		
Pasture or grazing only _____ farms __	5 274	1.3	Family held _____ farms __	1 063	.6
acres__	639 269	1.0	acres__	2 196 178	.1
Total woodland _____ farms __	1 182	1.0	More than 10 stockholders _____farms __	35	.7
acres__	868 339	.2	10 or less stockholders _____ farms __	1 028	.6
Pastureland and rangeland other than cropland and			Other than family held _____ farms __	93	2.0
woodland pastured _____ farms __	3 792	1.0	acres__	101 475	.5
acres__	4 687 524	.1	More than 10 stockholders _____farms __	19	3.5
Land in house lots, ponds, roads, wasteland, etc. _____farms __	7 142	1.2	10 or less stockholders _____ farms __	74	2.4
acres__	264 230	.7	Other—cooperative, estate or trust, institutional, etc. _____farms __	80	3.0
Irrigated land _____ farms __	9 961	1.1	acres__	1 052 169	.1
acres__	3 120 023	.5	**HIRED FARM LABOR**		
Harvested cropland irrigated _____ farms __	9 193	1.1			
acres__	2 810 610	.5	Hired workers by days worked:		
Pasture and other land irrigated _____ farms __	3 461	1.4	150 days or more _____ farms __	4 327	7.9
acres__	309 413	.8	workers__	14 768	4.3
Land under federal acreage reduction programs:			Less than 150 days _____ farms __	6 964	13.8
Diverted under annual commodity programs _____ farms __	2 867	.9	workers__	52 922	6.4
acres__	75 699	.3	**INJURIES AND DEATHS**		
Conservation Reserve or Wetlands Reserve					
Programs _____ farms __	1 309	.9	Farm-related injuries:		
acres__	394 927	.4	Operator and family members _____ farms __	187	1.4
			number__	226	1.4
VALUE OF LAND AND BUILDINGS [1]			Hired workers _____ farms __	337	.6
			number__	617	.4
Estimated market value of land and buildings _____farms __	12 797	1.0	Farm-related deaths:		
$1,000__	7 829 191	1.0	Operator and family members _____ farms __	5	7.2
Average per farm _____dollars __	611 799	1.4	number__	(D)	(D)
Average per acre _____dollars __	681	1.3	Hired workers _____ farms __	6	5.8
			number__	(D)	(D)
VALUE OF MACHINERY AND EQUIPMENT [1]			**FARMS BY SIZE**		
Estimated market value of all machinery and					
equipment _____ farms __	12 797	1.0	1 to 9 acres _____	526	1.8
$1,000__	1 364 439	1.0	10 to 49 acres _____	1 181	1.4
Average per farm _____dollars __	106 622	1.4	50 to 69 acres _____	458	1.9
			70 to 99 acres _____	969	1.8
AGRICULTURAL CHEMICALS[1]			100 to 139 acres _____	858	1.9
			140 to 179 acres _____	889	1.8
Commercial fertilizer _____ farms __	8 985	1.5	180 to 219 acres _____	651	2.0
acres on which used __	3 265 156	.9	220 to 259 acres _____	552	2.1
			260 to 499 acres _____	2 117	1.5
TENURE OF OPERATOR			500 to 999 acres _____	1 985	1.2
			1,000 to 1,999 acres _____	1 416	—
All operators _____ farms __	12 779	1.1	2,000 acres or more _____	1 177	—
acres__	11 619 634	.3			
Full owners _____ farms __	5 796	1.3	**FARMS BY STANDARD INDUSTRIAL**		
acres__	3 590 700	.5	**CLASSIFICATION**		
Part owners _____ farms __	5 108	.9			
acres__	7 026 893	.2	Cash grains (011) _____	2 685	1.1
Tenants_____ farms __	1 875	1.2	Field crops, except cash grains (013) _____	2 768	.9
acres__	1 002 041	.6	Vegetables and melons (016) _____	150	2.1
			Fruits and tree nuts (017) _____	108	2.5
OWNED AND RENTED LAND			Horticultural specialties (018) _____	154	2.4
			General farms, primarily crop (019) _____	865	1.4
Land owned _____ farms __	10 969	1.1	Livestock, except dairy, poultry, and animal specialties		
acres__	7 882 867	.4	(021) _____	4 602	1.3
Owned land in farms _____ farms __	10 904	1.1	Dairy farms (024) _____	1 156	1.3
acres__	7 438 613	.3	Poultry and eggs (025) _____	18	5.8
			Animal specialties (027) _____	205	2.4
Land rented or leased from others _____farms __	7 037	.9	General farms, primarily livestock and animal		
acres__	4 464 373	.3	specialties (029) _____	68	3.2
landlords__	19 784	.8			
Rented or leased land in farms _____farms __	6 984	.9	**LIVESTOCK**		
acres__	4 181 021	.3			
			Cattle and calves inventory _____ farms __	7 827	1.2
Land rented or leased to others _____farms __	1 857	1.1	number__	1 723 653	.5
acres__	727 606	.8	Beef cows _____ farms __	5 284	1.2
			number__	526 582	.7
OPERATOR CHARACTERISTICS			Milk cows _____ farms __	1 641	1.3
			number__	181 164	.4
Operators by place of residence:			Cattle and calves sold _____ farms __	7 943	1.2
On farm operated _____	9 699	1.1	number__	1 608 992	.3
Not on farm operated _____	2 337	1.1	$1,000__	1 020 404	.2
Not reported _____	743	1.1	Hogs and pigs inventory _____ farms __	556	1.7
			number__	60 794	1.6
Operators by principal occupation:			Hogs and pigs sold _____ farms __	483	1.8
Farming_____	10 031	1.0	number__	95 961	1.5
Other _____	2 748	1.4	$1,000__	9 131	1.4
Operators by days worked off farm:			Sheep and lambs of all ages inventory _____farms __	610	1.7
Any _____	4 938	1.3	number__	324 559	.4
200 days or more _____	2 411	1.5	Sheep and lambs sold _____ farms __	584	1.7
			number__	263 758	.6
Operators by sex:					
Male _____	12 297	1.1	Horses and ponies inventory _____ farms __	3 679	1.2
Female _____	482	1.6	number__	23 686	1.2
			Horses and ponies sold _____ farms __	750	1.4
Average age of operator _____years __	51.4	1.5	number__	4 189	7.9

See footnotes at end of table.

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
POULTRY			**CROPS HARVESTED**—Con.		
			Barley for grain _____ farms __	4 574	1.1
			acres__	678 387	.5
Chickens 3 months old or older inventory _____ farms __	348	1.9	bushels__	48 025 705	.4
number__	1 466 229	.1	Oats for grain _____ farms __	493	1.5
Hens and pullets of laying age _____ farms __	344	1.9	acres__	19 066	1.6
number__	1 332 586	.1	bushels__	1 320 557	1.6
			Dry edible beans, excluding dry limas _____ farms __	1 419	1.3
Broilers and other meat-type chickens sold _____ farms __	23	6.1	acres__	113 616	1.0
number__	17 926	18.6	cwt__	2 048 968	1.0
			Irish potatoes _____ farms __	1 589	.6
			acres__	371 762	.1
CROPS HARVESTED			cwt__	119 050 338	.1
			Sugar beets for sugar _____ farms __	1 381	.8
			acres__	201 931	.3
Corn for grain or seed _____ farms __	691	1.4	tons__	4 825 521	.3
acres__	37 254	1.1	Hay—alfalfa, other tame, small grain, wild, grass		
bushels__	4 486 934	1.0	silage, green chop, etc. (see text) _____ farms __	7 837	1.2
Corn for silage or green chop _____ farms __	1 052	1.2	acres__	964 720	.8
acres__	57 450	.8	tons, dry__	3 208 709	.7
tons, green__	1 224 405	.8	Alfalfa hay _____ farms __	7 112	1.2
Wheat for grain _____ farms __	5 582	.9	acres__	767 750	.8
acres__	1 369 677	.3	tons, dry__	2 812 375	.7
bushels__	93 535 129	.3	Vegetables harvested for sale (see text) _____ farms __	682	1.2
			acres__	50 509	.7
			Land in orchards _____ farms __	183	2.0
			acres__	9 011	1.5

[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 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__	−8.4	1.0	−6.5	1.1
Land in farms___acres__	−3.3	.4	−3.5	.3
Average size of farm___acres__	5.5	1.2	3.2	1.3
Estimated market value of land and buildings [1]:				
Average per farm___dollars__	21.9	2.0	20.3	2.1
Average per acre___dollars__	19.2	2.1	19.7	2.3
Estimated market value of all machinery and equipment [1]:				
Average per farm___dollars__	22.6	2.2	23.0	2.4
Farms by size:				
1 to 9 acres	−7.8	1.3	−7.7	2.1
10 to 49 acres	−4.8	1.2	17.2	2.0
50 to 179 acres	−10.8	1.4	−4.2	1.7
180 to 499 acres	−11.3	1.5	−12.9	1.5
500 to 999 acres	−7.2	1.2	−8.4	1.2
1,000 to 1,999 acres	−10.2	−	−11.1	−
2,000 acres or more	−2.5	(L)	−2.3	(L)
Total cropland___farms__	−8.9	1.0	−7.7	1.1
acres__	−6.5	.5	−6.7	.5
Harvested cropland___farms__	−12.3	1.0	−9.5	1.1
acres__	−2.8	.5	−1.8	.5
Irrigated land___farms__	−6.8	1.0	−5.4	1.2
acres__	1.3	.6	2.0	.6
Market value of agricultural products sold___$1,000__	30.6	.4	31.2	.4
Average per farm___dollars__	42.5	1.6	40.3	1.7
Crops, including nursery and greenhouse crops___$1,000__	36.0	.4	36.6	.4
Livestock, poultry, and their products___$1,000__	25.6	.3	26.1	.3
Farms by value of sales:				
Less than $2,500	−11.3	.8	(X)	(X)
$2,500 to $4,999	−13.2	1.3	(X)	(X)
$5,000 to $9,999	−7.4	1.4	(X)	(X)
$10,000 to $24,999	−10.4	1.6	−10.4	1.6
$25,000 to $49,999	−14.8	1.6	−14.8	1.6
$50,000 to $99,999	−19.2	1.4	−19.2	1.4
$100,000 to $249,999	−5.2	.9	−5.2	.9
$250,000 to $499,999	12.6	−	12.6	−
$500,000 or more	66.2	−	66.2	−
Total farm production expenses [1]___$1,000__	31.3	1.3	32.7	1.4
Average per farm___dollars__	43.2	1.6	41.8	1.7
Net cash return from agricultural sales for the farm unit (see text) [1]___farms__	−8.3	1.0	−6.4	1.0
$1,000__	27.3	2.6	24.4	2.3
Average per farm___dollars__	38.9	3.2	32.9	2.9
Operators by principal occupation:				
Farming	−10.1	1.0	−9.6	1.0
Other	−5.7	1.1	6.8	1.8
Operators by days worked off farm:				
Any	−10.1	4.6	−6.1	4.9
200 days or more	−4.5	4.9	8.7	5.7
Livestock and poultry:				
Cattle and calves inventory___farms__	−7.1	1.1	−4.3	1.2
number__	2.3	.6	3.1	.5
Beef cows___farms__	−2.5	1.2	3.3	1.4
number__	1.2	.8	1.9	.7
Milk cows___farms__	−28.1	1.0	−23.0	1.1
number__	15.3	.5	16.0	.5
Cattle and calves sold___farms__	−8.2	1.1	−5.4	1.2
number__	9.6	.4	10.4	.4
Hogs and pigs inventory___farms__	−9.3	1.5	−20.0	1.6
number__	−12.4	1.6	−13.0	1.7
Hogs and pigs sold___farms__	−15.5	1.4	−22.0	1.6
number__	−12.1	1.5	−13.1	1.6
Sheep and lambs inventory___farms__	−10.1	1.4	−7.4	1.8
number__	10.0	.6	11.5	.6
Chickens 3 months old or older inventory___farms__	−39.2	.9	−47.4	1.1
number__	4.4	.1	4.7	.1
Broilers and other meat-type chickens sold___farms__	−30.6	3.5	−17.9	6.4
number__	211.5	44.8	384.5	93.8
Selected crops harvested:				
Wheat for grain___farms__	−20.8	.8	−17.5	.8
acres__	11.7	.4	12.7	.4
bushels__	13.0	.4	13.7	.4
Barley for grain___farms__	−34.4	.8	−32.7	.8
acres__	−17.0	.4	−16.3	.4
bushels__	−18.2	.4	−17.5	.4
Dry edible beans, excluding dry limas___farms__	−26.9	1.1	−25.6	1.1
acres__	−28.2	.8	−28.1	.8
cwt__	−33.3	.7	−33.0	.7
Irish potatoes___farms__	−9.8	.7	−9.0	.7
acres__	5.5	.2	5.6	.2
cwt__	19.8	.2	19.9	.2
Sugar beets for sugar___farms__	.6	1.0	.9	1.0
acres__	20.1	.4	20.1	.4
tons__	11.8	.4	11.9	.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)___farms__	−13.0	1.0	−10.1	1.2
acres__	−9.4	.8	−8.1	.8
tons, dry__	−4.9	.8	−3.1	.8

[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 Total (number)	Farms Relative standard error of estimate (percent)	Land in farms Total (acres)	Land in farms Relative standard error of estimate (percent)	Average size of farm Total (acres)	Average size of farm Relative standard error of estimate (percent)	Average market value of land and buildings per farm [1] Value (dollars)	Average market value of land and buildings per farm [1] Relative standard error of estimate (percent)	Estimated market value of all machinery and equipment [1] Total ($1,000)	Estimated market value of all machinery and equipment [1] Relative standard error of estimate (percent)
Idaho	**22 124**	**.9**	**13 468 992**	**.3**	**609**	**1.0**	**410 206**	**1.3**	**1 496 916**	**1.0**
Ada	1 174	.8	232 879	.6	198	1.0	270 110	4.2	43 452	4.2
Adams	271	.6	221 209	.4	816	.7	354 016	6.4	7 262	7.2
Bannock	588	1.0	325 338	.5	553	1.2	240 450	5.4	23 999	8.6
Bear Lake	415	1.0	269 435	.7	649	1.2	229 211	4.8	17 651	12.1
Benewah	195	.8	111 510	.8	572	1.1	461 280	5.1	12 295	15.5
Bingham	1 282	.8	1 371 605	.1	1 070	.8	549 450	1.7	122 215	2.3
Blaine	221	1.0	266 293	.4	1 205	1.1	879 552	8.9	11 036	5.9
Boise	67	.6	80 333	.6	1 199	.8	796 002	3.4	2 249	4.4
Bonner	476	.7	150 021	.8	315	1.1	333 200	6.5	11 840	13.6
Bonneville	775	.8	453 647	.4	585	.9	469 111	4.1	57 601	2.3
Boundary	285	.6	72 664	1.2	255	1.4	303 875	15.8	10 579	9.1
Butte	188	1.0	159 358	.7	848	1.2	397 417	8.9	14 818	14.8
Camas	93	.8	129 490	.5	1 392	1.0	526 685	3.9	5 514	5.1
Canyon	1 873	.8	391 050	.4	209	.9	300 649	2.7	119 785	3.5
Caribou	384	.9	587 693	.3	1 530	.9	446 064	4.1	35 647	11.0
Cassia	788	1.0	666 342	.3	846	1.1	584 604	2.6	91 915	1.6
Clark	85	1.0	286 711	.2	3 373	1.0	1 075 882	2.1	10 396	1.8
Clearwater	210	.7	103 246	.9	492	1.1	255 149	6.5	6 058	12.4
Custer	267	1.4	140 701	1.0	527	1.8	423 414	18.7	16 104	21.7
Elmore	285	.8	353 528	.3	1 240	.8	561 410	3.1	29 010	1.7
Franklin	619	1.2	230 086	.9	372	1.5	229 503	5.9	35 268	9.3
Fremont	495	1.2	380 928	.5	770	1.3	482 637	3.5	49 817	3.5
Gem	531	.7	197 176	.5	371	.9	329 565	12.1	17 706	7.0
Gooding	683	1.1	227 114	.7	333	1.3	348 302	3.0	54 183	3.1
Idaho	662	.7	744 295	.3	1 124	.8	528 794	5.1	34 432	9.0
Jefferson	766	1.0	311 296	.5	406	1.1	355 240	3.9	46 503	5.5
Jerome	815	1.2	207 552	.8	255	1.5	342 216	2.6	64 102	3.8
Kootenai	541	.6	131 281	1.1	243	1.2	363 930	16.3	20 774	8.8
Latah	610	.5	347 293	.5	569	.7	409 108	3.8	32 727	5.2
Lemhi	333	1.0	193 908	.8	582	1.2	359 086	6.3	15 249	8.1
Lewis	177	.7	211 039	.4	1 192	.8	736 744	2.7	21 192	3.5
Lincoln	302	1.6	132 429	1.4	439	2.1	287 007	7.1	18 055	5.2
Madison	505	1.3	224 369	.6	444	1.4	545 740	2.6	56 307	3.1
Minidoka	774	.6	208 161	.4	269	.7	336 218	2.5	76 764	2.6
Nez Perce	345	.6	477 839	.3	1 385	.7	721 748	5.8	32 610	9.1
Oneida	313	1.4	271 143	.8	866	1.6	294 233	8.4	16 355	11.7
Owyhee	561	1.1	752 032	.2	1 341	1.1	540 485	7.1	40 388	3.9
Payette	562	.6	148 776	.4	265	.7	230 254	4.1	23 088	4.7
Power	292	.4	435 069	.2	1 490	.4	874 825	3.5	58 535	5.6
Shoshone	42	.6	4 428	2.0	105	2.1	196 119	4.4	939	4.4
Teton	257	.9	134 788	.8	524	1.2	531 242	6.7	17 470	14.5
Twin Falls	1 457	1.0	489 993	.6	336	1.1	338 149	4.0	89 237	3.6
Valley	107	1.0	78 813	.8	737	1.3	632 268	7.7	4 092	16.3
Washington	453	.8	556 131	.2	1 228	.8	638 659	3.3	21 695	6.0

Geographic area	Average market value of all machinery and equipment per farm [1] Value (dollars)	Average market value of all machinery and equipment per farm [1] Relative standard error of estimate (percent)	Market value of agricultural products sold Total ($1,000)	Market value of agricultural products sold Relative standard error of estimate (percent)	Average market value of agricultural products sold per farm Value (dollars)	Average market value of agricultural products sold per farm Relative standard error of estimate (percent)	Farm production expenses [1] Total farm production expenses Farms Number	Farm production expenses [1] Total farm production expenses Farms Relative standard error of estimate (percent)	Farm production expenses [1] Total farm production expenses Value Total ($1,000)	Farm production expenses [1] Total farm production expenses Value Relative standard error of estimate (percent)
Idaho	**67 841**	**1.4**	**2 964 216**	**.3**	**133 982**	**.9**	**22 129**	**.9**	**2 445 017**	**.3**
Ada	37 394	4.3	97 173	.3	82 771	.9	1 174	.9	85 706	1.5
Adams	28 256	8.1	10 747	.9	39 657	1.0	271	.9	8 609	5.4
Bannock	40 815	8.8	25 913	.6	44 069	1.2	588	1.5	19 074	3.4
Bear Lake	42 532	12.2	14 310	.8	34 483	1.3	415	1.1	12 544	7.6
Benewah	63 053	15.5	12 579	.9	64 507	1.2	195	1.3	11 769	9.1
Bingham	95 705	2.5	215 446	.2	168 055	.8	1 283	.8	164 239	.7
Blaine	49 936	6.2	26 587	.5	120 301	1.2	221	1.8	22 425	2.2
Boise	33 569	5.3	3 558	1.8	53 100	1.9	67	3.0	3 193	1.5
Bonner	24 822	13.6	6 025	2.1	12 657	2.2	477	.9	5 054	7.7
Bonneville	74 324	2.5	101 701	.3	131 226	.9	775	.8	79 734	1.3
Boundary	37 118	9.2	11 900	1.0	41 756	1.2	285	1.2	9 238	3.2
Butte	78 818	15.2	19 380	1.0	103 083	1.4	188	3.6	17 026	10.0
Camas	59 295	5.6	4 280	1.2	46 027	1.4	93	2.4	5 111	4.4
Canyon	63 988	3.6	262 178	.2	139 978	.8	1 872	.7	217 396	.6
Caribou	92 591	11.1	36 781	.6	95 784	1.1	385	1.3	28 698	3.0
Cassia	116 643	2.3	284 333	.2	360 829	1.1	788	1.6	250 144	.4
Clark	122 305	2.5	36 718	.1	431 976	1.0	85	1.7	27 221	1.1
Clearwater	28 711	12.4	4 604	2.1	21 923	2.2	211	1.1	4 143	18.9
Custer	60 315	21.7	14 085	1.4	52 754	2.0	268	1.4	11 802	11.6
Elmore	101 789	2.4	265 116	.1	930 231	.8	285	1.7	249 361	.2
Franklin	57 068	9.3	45 001	.9	72 700	1.5	618	1.2	34 625	3.9
Fremont	102 293	4.1	86 126	.4	173 992	1.2	495	1.7	69 750	1.8
Gem	33 281	7.1	29 510	.6	55 574	.9	532	.9	25 834	3.3
Gooding	79 331	3.3	201 918	.2	295 635	1.1	683	1.2	161 715	.8

See footnotes at end of table.

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TSF:TIPS92-11281224.DAT;1 4/18/94 11:28:20 UTF:TIPS93-11281224.DAT;1 4/18/94 11:28:20 META:VOL1_TIPS96_APX_82.DAT;2 4/18/94 11:29:39

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

Geographic area	Average market value of all machinery and equipment per farm[1] Value (dollars)	Average market value of all machinery and equipment per farm[1] Relative standard error of estimate (percent)	Market value of agricultural products sold Total ($1,000)	Market value of agricultural products sold Relative standard error of estimate (percent)	Average market value of agricultural products sold per farm Value (dollars)	Average market value of agricultural products sold per farm Relative standard error of estimate (percent)	Farm production expenses[1] Farms Number	Farm production expenses[1] Farms Relative standard error of estimate (percent)	Farm production expenses[1] Value Total ($1,000)	Farm production expenses[1] Value Relative standard error of estimate (percent)
Idaho	52 012	9.0	29 906	.5	45 175	.9	662	.8	27 711	3.2
Jefferson	60 630	5.6	91 177	.4	119 030	1.1	767	1.1	74 340	1.7
Jerome	78 653	4.0	174 324	.3	213 895	1.3	815	1.0	140 185	1.3
Kootenai	38 398	8.8	17 037	1.0	31 492	1.2	541	.9	14 516	6.0
Latah	53 651	5.3	39 662	.6	65 020	.8	610	.7	28 681	4.3
Lemhi	45 794	8.3	18 656	.9	56 025	1.3	333	1.8	13 888	5.1
Lewis	119 729	3.9	19 525	.4	110 312	.8	177	1.6	16 141	1.5
Lincoln	59 983	5.5	38 158	.9	126 350	1.8	302	1.8	32 172	2.7
Madison	111 279	3.3	73 198	.4	144 947	1.4	506	1.2	55 784	2.2
Minidoka	99 307	2.8	129 253	.3	166 994	.7	773	1.1	101 533	1.2
Nez Perce	94 523	9.2	33 917	.5	98 310	.8	345	.9	28 935	3.2
Oneida	52 930	11.9	13 188	1.3	42 135	1.9	313	1.6	11 856	13.7
Owyhee	71 993	4.0	96 557	.3	172 116	1.1	561	1.0	81 419	1.1
Payette	41 155	4.8	43 223	.5	76 910	.8	561	.9	34 213	1.5
Power	200 464	5.6	98 443	.1	337 135	.4	292	.7	77 738	1.7
Shoshone	22 356	5.4	359	2.0	8 546	2.1	42	3.2	427	2.9
Teton	67 978	14.6	20 193	.8	78 573	1.2	257	1.5	14 751	3.7
Twin Falls	62 013	3.9	170 499	.5	117 020	1.1	1 457	1.3	130 987	1.1
Valley	38 238	16.4	6 511	1.2	60 847	1.6	107	1.5	6 183	6.6
Washington	47 787	6.2	34 459	.5	76 069	.9	454	1.3	29 145	4.0

Farm production expenses[1]—Con.

Geographic area	Livestock and poultry purchased Farms Number	Livestock and poultry purchased Farms Relative standard error of estimate (percent)	Livestock and poultry purchased Value Total ($1,000)	Livestock and poultry purchased Value Relative standard error of estimate (percent)	Feed for livestock and poultry Farms Number	Feed for livestock and poultry Farms Relative standard error of estimate (percent)	Feed for livestock and poultry Value Total ($1,000)	Feed for livestock and poultry Value Relative standard error of estimate (percent)	Seeds, bulbs, plants, and trees Farms Number	Seeds, bulbs, plants, and trees Farms Relative standard error of estimate (percent)	Seeds, bulbs, plants, and trees Value Total ($1,000)	Seeds, bulbs, plants, and trees Value Relative standard error of estimate (percent)
Idaho	**8 621**	**2.0**	**527 312**	**.5**	**12 731**	**1.5**	**347 903**	**.7**	**10 638**	**1.6**	**81 901**	**.9**
Ada	479	7.2	28 235	3.0	674	4.8	16 239	1.7	433	7.4	1 160	6.7
Adams	140	11.7	2 443	12.6	199	6.7	1 265	6.1	99	15.1	56	16.3
Bannock	270	11.5	1 821	28.1	351	9.3	1 983	14.2	207	14.2	955	5.6
Bear Lake	166	13.8	1 886	19.3	258	7.7	2 341	19.3	213	9.5	219	18.3
Benewah	34	34.6	150	15.9	107	11.1	415	17.8	80	18.3	444	20.4
Bingham	534	7.0	14 385	3.7	807	4.3	10 459	4.4	585	5.2	10 414	2.4
Blaine	86	22.0	2 707	5.6	125	15.8	2 203	4.8	103	14.0	1 144	3.0
Boise	22	6.0	508	1.6	40	4.1	404	1.4	17	4.8	186	.3
Bonner	137	17.8	411	25.3	307	6.4	697	18.3	122	19.7	105	16.2
Bonneville	236	10.9	11 382	3.6	394	7.9	4 246	3.4	415	6.4	4 788	5.0
Boundary	124	13.2	655	17.1	186	8.2	851	5.7	105	11.2	452	4.6
Butte	83	18.9	796	52.6	115	12.6	1 247	23.2	121	14.5	642	14.1
Camas	23	15.5	1 846	1.4	36	10.2	316	9.7	43	8.3	89	7.8
Canyon	637	6.8	49 562	1.1	855	5.4	29 519	3.3	923	4.3	5 325	4.8
Caribou	147	15.6	2 278	14.8	246	10.2	2 676	15.3	157	13.4	1 160	2.6
Cassia	288	11.4	96 805	.3	392	7.5	32 998	1.0	510	5.6	6 608	.5
Clark	37	11.1	2 502	11.4	60	4.3	1 445	5.7	26	13.0	1 242	.4
Clearwater	73	20.6	275	19.3	144	10.2	236	10.7	64	15.3	173	21.4
Custer	95	21.8	2 239	38.6	168	10.2	1 223	11.3	83	24.2	117	25.6
Elmore	103	17.9	(D)	(D)	188	10.0	(D)	(D)	130	15.2	2 197	1.5
Franklin	283	9.7	4 057	16.1	347	7.1	9 978	3.1	283	9.1	511	11.9
Fremont	230	12.5	7 528	8.7	278	10.0	4 664	9.1	227	11.4	4 357	4.2
Gem	266	9.8	3 106	14.2	323	8.2	5 725	3.2	219	12.0	405	8.5
Gooding	351	7.4	43 915	1.9	453	5.4	45 076	1.6	343	7.7	2 793	3.8
Idaho	228	11.1	3 410	9.9	438	6.1	4 184	11.1	307	7.7	1 178	9.0
Jefferson	321	8.7	15 516	1.6	453	6.4	6 115	8.2	437	6.0	2 712	4.7
Jerome	436	8.2	18 138	3.8	482	7.6	34 830	.6	490	4.8	4 515	2.6
Kootenai	163	13.3	352	24.0	312	7.4	487	14.5	135	14.7	490	11.4
Latah	128	14.4	417	10.3	300	7.4	1 305	18.4	271	5.1	1 595	6.1
Lemhi	161	11.6	1 244	22.2	282	5.5	2 496	9.4	84	16.3	112	20.1
Lewis	42	9.8	188	5.0	88	7.4	319	7.7	118	3.7	1 072	3.2
Lincoln	149	13.3	4 504	9.0	210	9.0	5 202	6.9	226	8.4	1 056	4.8
Madison	204	11.9	1 498	13.2	239	9.4	1 587	3.2	341	4.3	4 122	3.5
Minidoka	301	10.6	7 786	9.8	381	7.5	6 803	8.8	481	5.2	5 039	2.0
Nez Perce	95	17.9	2 789	18.5	166	12.4	1 449	14.0	225	7.7	1 500	7.4
Oneida	138	16.4	893	34.5	194	10.9	1 292	27.3	156	14.5	178	17.0
Owyhee	222	13.5	20 241	1.9	354	7.2	12 968	2.8	260	8.1	1 951	5.1
Payette	257	9.9	2 967	5.0	284	8.7	5 389	6.8	200	8.7	891	3.0
Power	92	18.9	(D)	(D)	143	10.1	4 968	4.2	145	10.5	3 832	1.3
Shoshone	19	5.1	47	8.6	30	3.8	(D)	(D)	6	8.3	1	7.7
Teton	81	24.2	569	16.9	157	12.5	1 268	31.3	95	18.6	916	4.8
Twin Falls	554	8.1	22 114	3.9	836	4.8	23 275	3.7	921	3.9	4 292	3.8
Valley	36	13.3	1 996	7.4	62	9.2	845	10.4	16	27.1	40	33.3
Washington	150	13.3	3 615	10.5	267	7.0	4 082	10.0	216	9.1	863	24.7

See footnotes at end of table.

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

Farm production expenses [1]—Con.

Geographic area	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)
Idaho	**11 732**	**1.5**	**190 698**	**.7**	**11 435**	**1.5**	**82 374**	**1.1**	**20 715**	**1.0**	**95 329**	**.7**
Ada	454	7.4	3 636	9.3	575	6.0	1 258	4.0	1 075	2.2	2 646	4.0
Adams	74	20.4	180	25.8	109	15.2	67	21.9	257	2.5	471	5.9
Bannock	220	14.3	1 714	4.9	253	12.0	796	15.6	544	3.4	1 209	3.7
Bear Lake	104	20.6	215	19.9	161	14.9	274	22.4	378	3.4	1 214	6.5
Benewah	114	12.2	2 175	15.5	106	10.8	1 919	16.7	195	1.3	755	6.2
Bingham	694	4.5	23 161	.8	671	4.8	7 913	1.3	1 167	2.0	7 572	1.6
Blaine	84	17.2	940	5.3	77	21.4	659	1.7	175	8.7	1 043	4.4
Boise	19	6.1	49	10.4	23	4.2	29	5.3	63	3.1	133	2.5
Bonner	215	12.4	222	9.0	103	17.3	51	10.1	444	2.7	439	11.7
Bonneville	534	5.3	9 139	2.3	453	6.0	3 989	3.3	736	2.1	3 731	2.1
Boundary	165	8.6	728	3.2	112	11.1	378	12.3	263	2.9	517	4.8
Butte	112	15.6	1 247	11.8	96	17.5	446	17.5	187	3.6	914	8.5
Camas	17	16.9	229	22.2	35	13.5	65	25.4	81	3.5	223	5.5
Canyon	956	4.4	16 004	2.3	985	4.4	8 186	2.6	1 721	1.6	8 079	1.8
Caribou	167	14.7	2 752	4.9	194	13.4	1 319	8.5	348	3.5	1 946	5.0
Cassia	513	5.1	15 909	1.4	537	6.1	6 067	2.3	776	1.9	6 246	2.6
Clark	35	13.1	4 034	.2	31	15.6	867	1.0	80	1.7	994	1.3
Clearwater	95	14.0	498	26.4	87	16.0	372	29.2	203	3.2	344	11.7
Custer	108	19.3	595	22.8	84	20.8	119	25.5	228	7.4	935	12.4
Elmore	149	13.2	5 172	1.4	89	15.7	2 767	1.8	264	5.1	2 482	1.5
Franklin	257	9.3	837	13.2	398	7.1	594	14.3	577	2.8	1 878	5.1
Fremont	244	11.0	8 249	3.3	203	12.6	3 864	3.9	467	3.2	3 142	4.2
Gem	259	10.1	1 179	9.0	240	10.7	523	16.5	492	3.0	955	7.2
Gooding	346	8.3	4 167	3.5	318	8.3	1 969	5.0	640	2.4	3 163	3.5
Idaho	430	5.1	2 875	6.6	310	7.7	1 671	8.0	642	1.8	1 931	3.8
Jefferson	502	6.0	7 170	3.2	388	7.5	2 415	2.9	746	1.8	3 357	3.7
Jerome	537	4.7	7 852	3.4	503	5.4	3 459	7.7	775	2.2	4 235	2.9
Kootenai	209	10.6	2 164	9.0	168	13.4	1 001	16.4	497	3.1	946	6.3
Latah	386	5.7	4 854	6.3	361	6.5	3 653	7.0	567	2.5	2 115	4.8
Lemhi	159	10.8	599	7.6	57	23.4	116	37.6	319	2.6	929	5.1
Lewis	143	2.8	3 250	2.0	127	3.2	1 794	3.4	168	2.3	1 056	2.4
Lincoln	145	14.4	1 868	5.5	110	15.4	813	2.3	289	3.7	1 632	3.4
Madison	351	5.3	9 068	2.0	296	6.4	2 569	8.5	459	2.6	2 781	2.9
Minidoka	514	5.4	12 899	2.2	514	5.5	4 857	2.2	737	2.4	4 982	1.7
Nez Perce	236	6.9	4 446	5.4	251	4.6	3 294	11.6	322	3.7	1 906	3.9
Oneida	96	21.4	1 143	31.2	182	11.9	450	18.7	310	1.9	1 025	14.1
Owyhee	348	7.5	4 598	4.1	338	8.0	1 969	6.4	556	1.0	3 394	3.3
Payette	234	7.8	2 749	3.5	315	7.4	1 410	4.2	525	3.1	1 535	2.9
Power	197	9.4	9 379	3.4	181	9.6	3 217	2.2	292	.7	3 175	1.5
Shoshone	13	5.5	10	4.8	16	4.7	6	5.5	40	3.2	40	3.3
Teton	149	10.3	1 877	6.3	109	13.8	495	7.1	216	5.7	1 001	6.5
Twin Falls	934	4.3	8 780	4.1	971	3.7	3 571	3.1	1 377	1.8	6 348	3.2
Valley	36	17.2	219	22.8	21	21.7	34	53.7	98	3.0	248	9.8
Washington	178	11.8	1 867	8.8	277	8.7	1 089	5.9	419	3.2	1 656	4.9

Farm production expenses [1]—Con.

Geographic area	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)
Idaho	**16 250**	**1.2**	**84 103**	**.8**	**10 005**	**1.6**	**245 990**	**.6**	**3 947**	**2.9**	**32 386**	**1.3**
Ada	785	4.7	1 612	5.2	386	8.6	7 632	2.8	177	14.1	1 162	5.7
Adams	233	4.7	157	7.1	93	15.3	630	17.2	37	30.0	74	9.3
Bannock	415	6.6	662	6.8	228	13.6	2 026	4.1	116	19.3	342	21.6
Bear Lake	279	6.9	384	16.9	190	11.6	735	11.6	70	16.5	104	39.6
Benewah	133	9.1	76	11.0	82	16.6	1 157	10.5	12	40.6	116	3.4
Bingham	989	3.2	9 201	1.8	632	5.7	17 485	.9	184	13.4	1 087	5.5
Blaine	157	5.3	1 299	6.0	113	15.6	2 598	.6	24	19.9	431	.3
Boise	49	3.6	79	5.4	30	4.3	611	1.2	12	4.9	56	1.2
Bonner	333	8.0	162	20.4	130	18.6	251	13.9	39	31.8	136	74.5
Bonneville	587	4.9	3 958	3.1	387	7.0	10 389	1.0	135	17.1	671	7.4
Boundary	192	6.3	145	5.3	129	12.6	1 355	3.2	27	26.1	95	16.3
Butte	148	9.5	1 877	15.8	115	12.6	1 710	13.7	31	38.5	131	9.9
Camas	61	6.7	165	12.2	42	7.8	464	6.3	9	24.9	13	37.5
Canyon	1 351	3.2	4 558	1.9	840	4.9	26 811	1.8	517	7.4	6 445	3.6
Caribou	281	6.6	906	6.8	224	9.3	3 149	9.5	38	22.0	245	6.8
Cassia	647	4.2	9 659	1.8	463	4.9	15 715	1.0	250	9.8	3 089	2.6
Clark	51	7.9	1 164	.8	45	11.1	6 956	.3	23	17.5	70	7.7
Clearwater	178	5.8	77	18.2	72	20.1	315	26.4	1	1.9	(D)	(D)
Custer	200	6.0	741	22.9	97	21.6	1 095	15.2	76	26.6	161	24.7
Elmore	228	8.0	4 411	.5	130	12.8	11 992	1.1	60	20.5	1 660	4.6
Franklin	452	6.0	851	5.3	301	8.4	3 939	2.5	52	26.2	251	17.7
Fremont	401	6.1	2 310	3.7	285	7.8	10 134	2.0	56	30.2	429	8.8
Gem	395	6.6	461	7.8	249	8.9	4 337	7.3	82	22.7	152	11.7
Gooding	539	4.3	4 023	2.1	295	8.7	18 513	1.2	128	14.6	882	4.1

See footnotes at end of table.

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

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

Geographic area	Electricity — Farms Number	Electricity — Farms Relative standard error of estimate (percent)	Electricity — Value Total ($1,000)	Electricity — Value Relative standard error of estimate (percent)	Hired farm labor — Farms Number	Hired farm labor — Farms Relative standard error of estimate (percent)	Hired farm labor — Value Total ($1,000)	Hired farm labor — Value Relative standard error of estimate (percent)	Contract labor — Farms Number	Contract labor — Farms Relative standard error of estimate (percent)	Contract labor — Value Total ($1,000)	Contract labor — Value Relative standard error of estimate (percent)
Idaho	449	6.1	310	7.6	239	9.8	1 590	13.9	105	18.9	310	21.1
Jefferson	606	4.0	3 093	5.6	372	7.9	6 594	5.0	110	19.4	402	12.8
Jerome	616	4.5	5 819	4.6	322	7.5	15 980	2.5	178	14.5	2 483	3.7
Kootenai	400	5.5	736	8.2	200	12.8	1 649	10.0	54	26.4	52	20.2
Latah	414	5.8	361	6.7	227	8.7	1 971	4.8	43	30.8	66	35.0
Lemhi	207	8.6	473	18.5	128	14.4	1 663	8.8	70	20.5	160	17.9
Lewis	119	4.4	146	4.1	107	4.5	889	4.1	17	19.4	70	3.2
Lincoln	281	4.8	1 868	4.4	166	12.4	3 309	4.0	80	20.0	469	6.0
Madison	404	5.0	3 259	1.7	278	7.8	7 866	2.6	68	18.0	791	4.3
Minidoka	655	3.7	5 732	2.8	418	6.3	11 623	2.7	317	8.7	2 890	4.2
Nez Perce	211	8.4	299	10.7	176	10.6	2 466	10.4	27	38.5	90	25.2
Oneida	251	4.1	369	16.2	155	14.3	1 206	38.7	18	29.8	67	27.1
Owyhee	370	8.0	2 428	5.2	244	6.8	8 287	3.2	138	15.8	1 381	5.6
Payette	336	7.2	714	7.2	228	8.9	4 826	3.8	104	16.2	915	9.9
Power	262	4.4	4 205	3.2	176	7.8	6 752	2.6	74	14.3	(D)	(D)
Shoshone	29	3.5	17	1.9	16	4.5	12	3.7	4	11.2	(D)	(D)
Teton	157	9.3	662	3.7	114	14.4	1 593	8.4	23	42.3	65	13.0
Twin Falls	990	4.3	3 944	3.2	644	5.9	13 624	3.0	267	10.5	2 533	4.8
Valley	72	7.1	97	25.8	40	15.3	343	17.2	20	23.7	90	9.0
Washington	337	5.7	634	7.7	197	8.1	3 746	6.4	74	14.4	713	10.0

Farm production expenses [1]—Con.

Geographic area	Repair and maintenance — Farms Number	Repair and maintenance — Farms Relative standard error of estimate (percent)	Repair and maintenance — Value Total ($1,000)	Repair and maintenance — Value Relative standard error of estimate (percent)	Customwork, machine hire, and rental of machinery and equipment — Farms Number	Customwork... — Farms Relative standard error of estimate (percent)	Customwork... — Value Total ($1,000)	Customwork... — Value Relative standard error of estimate (percent)	Interest expense — Farms Number	Interest expense — Farms Relative standard error of estimate (percent)	Interest expense — Value Total ($1,000)	Interest expense — Value Relative standard error of estimate (percent)
Idaho	**18 514**	**1.1**	**133 411**	**.7**	**9 393**	**1.8**	**56 439**	**1.9**	**11 980**	**1.5**	**157 683**	**.9**
Ada	946	3.2	3 890	4.2	514	6.7	1 759	6.4	490	7.4	4 467	5.0
Adams	232	5.4	596	8.4	108	13.6	141	15.9	144	10.2	706	11.5
Bannock	480	4.7	1 397	5.3	148	16.7	280	15.1	270	11.9	1 627	10.1
Bear Lake	350	4.7	1 084	12.5	173	12.0	312	17.3	197	10.1	1 243	13.0
Benewah	174	5.1	1 148	9.6	69	18.0	831	52.2	99	13.0	764	8.3
Bingham	1 073	2.9	11 922	1.3	526	6.9	3 780	4.3	708	5.0	14 020	1.8
Blaine	187	7.0	1 650	4.7	69	24.4	668	4.9	135	10.9	1 672	5.2
Boise	63	2.9	189	2.7	15	4.7	30	2.2	29	3.8	283	2.3
Bonner	412	3.5	814	12.6	73	24.5	333	5.7	123	18.6	243	13.6
Bonneville	642	3.9	5 742	2.1	297	9.6	1 470	4.4	419	5.9	6 672	2.8
Boundary	227	5.9	726	12.5	91	17.2	149	27.9	133	11.2	656	9.9
Butte	161	8.0	1 538	11.9	78	20.1	519	27.5	148	9.5	2 274	18.2
Camas	63	4.7	359	9.0	41	9.9	348	21.3	53	8.0	298	8.9
Canyon	1 496	2.7	10 398	2.2	1 070	4.3	7 633	3.3	889	5.1	9 930	3.1
Caribou	339	4.9	2 350	6.4	114	17.8	553	28.5	274	9.2	3 222	8.3
Cassia	677	3.7	9 784	.8	391	7.6	5 116	5.4	567	5.1	12 324	2.4
Clark	68	4.4	1 374	.7	30	11.9	993	.4	46	11.0	1 059	2.9
Clearwater	151	9.5	414	19.4	51	20.5	346	71.5	65	22.2	272	32.5
Custer	200	8.3	979	13.7	87	23.7	99	20.7	152	8.6	1 090	21.2
Elmore	232	5.4	3 683	1.4	110	18.0	2 122	2.9	117	11.8	9 565	.4
Franklin	563	3.2	2 400	6.0	249	11.7	470	12.1	317	8.3	2 957	10.6
Fremont	443	4.1	3 598	7.0	167	16.3	905	5.5	286	8.3	5 481	4.0
Gem	461	2.9	1 352	8.3	268	9.6	704	18.1	267	9.0	1 944	10.7
Gooding	585	3.6	5 857	3.3	365	7.4	2 520	7.9	408	5.8	6 901	3.8
Idaho	521	4.2	1 918	8.2	226	11.2	492	10.2	349	7.3	2 501	9.1
Jefferson	695	2.7	4 538	2.9	357	8.2	1 613	12.2	524	5.0	6 412	4.7
Jerome	663	4.0	7 215	1.9	400	7.6	3 620	5.3	447	6.9	8 286	3.4
Kootenai	450	3.6	1 046	10.9	142	14.4	204	18.7	164	12.3	1 333	14.6
Latah	500	4.1	2 480	5.1	157	11.9	1 507	33.6	330	7.1	2 834	8.4
Lemhi	298	4.6	1 161	10.2	84	20.1	142	26.7	162	11.9	1 599	14.8
Lewis	159	3.2	1 275	3.1	99	6.2	593	7.2	118	5.1	1 454	5.2
Lincoln	255	7.3	2 019	7.1	129	13.1	1 117	8.1	209	9.4	2 932	7.8
Madison	429	3.7	5 021	1.7	220	10.2	1 253	24.9	263	7.6	4 365	5.1
Minidoka	676	3.6	7 593	1.9	388	7.4	2 312	5.9	552	5.1	7 929	3.4
Nez Perce	315	3.5	2 495	2.0	129	14.7	759	6.6	150	11.6	1 952	8.5
Oneida	259	5.8	781	15.9	131	17.4	442	28.5	185	11.9	1 525	21.1
Owyhee	508	3.8	4 323	4.9	291	9.0	2 180	4.7	385	6.4	4 970	5.8
Payette	410	5.3	2 670	3.7	220	7.6	1 273	8.7	297	6.6	1 970	5.6
Power	265	4.1	4 533	2.1	120	13.0	1 161	14.4	205	8.4	4 648	2.7
Shoshone	33	3.4	53	3.2	5	8.9	6	8.2	14	5.4	41	6.1
Teton	199	7.4	1 321	5.6	81	23.2	279	15.1	136	10.7	1 551	6.2
Twin Falls	1 254	2.9	7 419	3.6	855	5.0	4 506	4.4	851	4.8	8 616	3.8
Valley	87	3.9	410	13.6	31	17.2	132	39.3	44	12.0	574	15.5
Washington	313	7.1	1 897	7.6	224	9.5	768	13.8	259	9.2	2 521	6.4

See footnotes at end of table.

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[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)
Idaho	**6 082**	**2.3**	**100 998**	**1.2**	**20 516**	**1.0**	**48 131**	**1.1**	**20 839**	**1.0**	**260 360**	**.5**
Ada	248	10.9	2 352	6.2	1 124	1.4	1 599	4.4	1 095	2.0	8 061	3.6
Adams	57	23.3	297	18.9	264	2.3	284	4.2	239	4.3	1 242	5.2
Bannock	165	17.2	870	6.4	544	3.3	911	5.5	533	3.5	2 481	3.2
Bear Lake	121	16.7	548	15.1	391	3.1	554	11.4	394	2.6	1 430	9.6
Benewah	55	22.8	330	13.1	179	4.5	368	10.0	189	3.2	1 122	9.1
Bingham	426	7.8	10 944	2.9	1 158	2.3	4 111	2.9	1 236	1.4	17 785	1.2
Blaine	46	31.4	1 333	2.4	201	5.5	817	25.8	189	4.6	3 262	3.3
Boise	9	10.3	46	26.8	64	2.9	107	1.5	66	3.0	486	1.4
Bonner	31	22.3	112	2.6	452	2.6	457	8.1	444	2.7	620	10.8
Bonneville	218	10.1	3 891	7.2	764	1.0	2 143	3.0	720	2.6	7 523	2.3
Boundary	73	17.0	805	4.8	276	1.9	393	5.8	266	3.5	1 333	3.0
Butte	43	36.1	840	25.0	162	7.9	539	11.5	175	6.1	2 306	9.6
Camas	12	18.7	185	28.7	83	3.4	208	5.2	78	4.6	303	6.2
Canyon	531	6.7	8 694	3.7	1 704	1.8	3 612	2.5	1 788	1.4	22 639	1.3
Caribou	90	21.6	1 276	20.9	361	3.6	1 187	3.4	373	1.3	3 680	3.4
Cassia	270	8.8	8 122	4.7	708	3.2	2 774	2.3	746	2.8	18 927	1.3
Clark	14	24.1	158	4.1	79	2.8	382	1.5	82	2.7	3 980	.9
Clearwater	36	30.2	(D)	(D)	209	1.1	280	7.8	180	6.2	365	17.9
Custer	27	42.8	64	14.7	245	6.0	394	11.7	261	2.1	1 952	5.4
Elmore	72	11.9	2 604	1.0	256	4.7	752	3.1	246	6.0	23 802	.8
Franklin	225	12.1	827	16.0	563	3.1	1 267	11.7	564	3.3	3 808	4.8
Fremont	166	15.5	3 525	5.0	474	2.7	1 484	6.8	476	2.8	10 082	1.2
Gem	112	17.0	408	15.3	516	1.6	924	8.6	491	3.1	3 659	4.4
Gooding	197	13.3	3 698	6.5	638	2.7	1 643	3.7	651	2.0	16 595	1.8
Idaho	233	9.9	1 616	8.0	582	3.4	907	5.6	580	3.1	2 817	6.1
Jefferson	208	13.3	3 941	4.7	726	2.4	1 587	3.9	755	1.5	8 874	2.4
Jerome	214	12.9	5 173	5.6	749	2.9	1 845	3.8	797	1.5	16 733	2.3
Kootenai	97	15.3	1 385	22.4	518	2.1	753	6.5	472	3.6	1 916	8.7
Latah	160	11.5	1 851	12.2	540	3.1	1 150	7.8	565	2.1	2 521	5.2
Lemhi	54	24.9	356	14.5	319	3.4	496	10.3	326	2.4	2 340	7.4
Lewis	100	6.4	1 814	4.5	160	3.5	700	8.6	163	2.2	1 521	3.6
Lincoln	93	16.6	1 362	9.2	283	4.2	621	6.4	291	3.7	3 401	6.5
Madison	192	10.5	3 682	4.9	486	2.6	1 617	3.1	488	1.9	6 304	1.5
Minidoka	324	8.8	8 737	3.7	672	3.7	1 744	2.8	756	1.9	10 608	2.0
Nez Perce	140	14.6	2 035	8.3	310	3.3	821	7.3	325	3.7	2 634	7.4
Oneida	56	22.4	307	37.9	295	3.6	574	9.2	291	3.0	1 606	19.5
Owyhee	192	12.7	3 304	10.3	515	3.6	1 382	2.7	560	1.0	8 044	2.5
Payette	127	12.4	1 716	5.5	543	1.5	930	4.7	504	3.6	4 255	2.5
Power	113	13.9	5 686	6.0	249	5.8	1 476	5.5	283	2.8	7 520	2.7
Shoshone	5	4.8	(D)	(D)	39	3.4	47	3.7	38	3.4	61	2.5
Teton	92	21.5	701	12.6	248	3.3	432	7.2	235	4.6	2 020	6.5
Twin Falls	341	10.3	4 225	4.8	1 338	2.3	2 509	5.0	1 401	1.8	15 233	2.5
Valley	38	14.4	284	25.8	106	1.5	359	11.3	97	4.3	511	10.7
Washington	59	19.9	708	18.6	423	3.0	989	6.4	430	3.1	3 997	6.6

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)
Idaho	**22 129**	**.9**	**493 797**	**1.2**	**19 204**	**.9**	**6 301 862**	**.5**	**16 023**	**1.0**	**4 225 273**	**.4**
Ada	1 174	.9	7 453	13.4	1 001	.8	99 890	.8	760	1.0	64 754	.9
Adams	271	.9	1 542	19.0	221	.9	43 770	1.6	169	1.4	16 319	1.4
Bannock	588	1.5	4 510	15.2	497	1.1	182 706	.7	395	1.3	91 821	.6
Bear Lake	415	1.1	1 803	24.7	383	1.1	126 557	1.1	353	1.1	62 342	1.0
Benewah	195	1.3	3 133	23.6	159	1.4	74 508	1.0	135	1.7	58 066	1.0
Bingham	1 283	.8	48 579	2.4	1 083	.9	(D)	(D)	847	.9	297 491	.3
Blaine	221	1.8	1 695	19.9	182	1.4	75 250	1.0	149	1.7	42 814	.9
Boise	67	3.0	(D)	(D)	53	1.6	7 478	5.5	33	3.3	1 926	10.4
Bonner	477	.9	(D)	(D)	414	.8	42 641	1.4	331	1.1	21 358	1.5
Bonneville	775	.8	22 148	5.5	682	.9	303 987	.5	575	1.0	199 650	.5
Boundary	285	1.2	1 704	17.9	250	.9	46 721	1.2	225	1.1	36 732	1.2
Butte	188	3.6	4 515	10.1	158	1.4	(D)	(D)	135	1.6	48 199	1.3
Camas	93	2.4	(D)	(D)	80	1.3	(D)	(D)	61	1.9	25 221	1.4
Canyon	1 872	.7	45 098	3.0	1 644	.8	245 963	.6	1 347	.8	197 067	.5
Caribou	385	1.3	7 386	10.9	327	1.0	242 310	.5	278	1.2	140 089	.5
Cassia	788	1.6	34 508	3.7	685	1.1	(D)	(D)	583	1.2	261 246	.4
Clark	85	1.7	10 027	2.8	65	2.1	(D)	(D)	48	2.6	51 841	.4
Clearwater	211	1.1	1 339	26.8	185	1.0	36 552	1.7	139	1.6	24 186	2.1
Custer	268	1.4	2 314	40.3	235	1.6	67 964	1.5	186	2.0	33 011	1.9
Elmore	285	1.7	14 163	4.8	237	1.1	111 390	.6	174	1.6	71 855	.5
Franklin	618	1.2	8 907	7.4	555	1.2	141 099	1.0	498	1.3	76 751	1.1
Fremont	495	1.7	15 875	11.7	422	1.3	197 105	.7	355	1.4	161 960	.6
Gem	532	.9	2 438	22.5	473	.8	51 439	1.4	369	1.0	27 874	1.0
Gooding	683	1.2	39 456	4.0	585	1.3	139 225	.9	479	1.4	97 409	.8

See footnotes at end of table.

TIPS [UPF] BATCH_1809 [ACEN,C_ARLEDGE] 4/20/94 2:51 PM MACHINE: EPCV20 DATA:VOL1_TIPS_APX_82.TIPS;1 * 4/18/94 11:28:00 TAPE: NOreel FRAME: 12
TSF:TIPS92-11281224.DAT;1 4/18/94 11:28:20 UTF:TIPS93-11281224.DAT;1 4/18/94 11:28:20 META:VOL1_TIPS96_APX_82.DAT;2 4/18/94 11:29:39

[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)
Idaho	662	.8	3 912	29.4	566	.8	225 536	.8	495	.9	138 675	.8
Jefferson	767	1.1	19 138	4.5	677	1.1	210 541	.7	569	1.2	173 329	.7
Jerome	815	1.0	32 533	5.4	705	1.3	165 898	.8	600	1.3	142 125	.7
Kootenai	541	.9	1 817	28.5	467	.8	78 383	1.2	372	1.0	57 605	1.2
Latah	610	.7	7 748	9.6	548	.6	246 148	.6	492	.7	200 033	.6
Lemhi	333	1.8	3 599	13.6	275	1.3	84 859	1.2	216	1.5	41 837	1.2
Lewis	177	1.6	2 859	8.1	150	1.0	150 451	.5	143	1.0	116 593	.5
Lincoln	302	1.8	6 508	8.9	278	1.7	(D)	(D)	232	1.9	50 960	1.3
Madison	506	1.2	15 012	6.7	464	1.4	177 049	.7	396	1.4	144 280	.5
Minidoka	773	1.1	26 287	4.0	698	.7	(D)	(D)	618	.7	174 157	.4
Nez Perce	345	.9	5 348	20.0	291	.9	214 633	.5	249	1.1	165 179	.6
Oneida	313	1.6	2 284	56.4	285	1.5	177 482	1.0	259	1.6	75 862	1.2
Owyhee	561	1.0	13 200	7.2	469	1.2	(D)	(D)	410	1.3	85 528	.8
Payette	561	.9	6 913	8.3	514	.7	(D)	(D)	428	.8	43 329	.8
Power	292	.7	17 528	2.8	268	.5	312 574	.2	237	.7	157 365	.2
Shoshone	42	3.2	(D)	(D)	23	3.1	1 036	4.1	19	3.7	459	5.4
Teton	257	1.5	6 278	21.2	230	1.1	108 283	.8	197	1.3	71 504	.8
Twin Falls	1 457	1.3	38 302	3.5	1 232	1.0	292 686	.9	1 082	1.1	217 434	.9
Valley	107	1.5	985	20.2	88	1.7	27 443	2.1	41	4.2	6 990	4.9
Washington	454	1.3	5 516	13.3	400	.9	112 734	.8	344	1.0	52 047	.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)
Idaho	**15 487**	**1.0**	**3 260 006**	**.5**	**12 527**	**1.0**	**1 812 720**	**.5**	**8 393**	**1.1**	**565 016**	**.7**
Ada	980	.9	73 794	.9	628	1.1	73 402	.6	345	1.5	13 136	1.5
Adams	180	1.3	22 417	1.3	206	1.1	26 778	.9	163	1.4	11 640	1.2
Bannock	410	1.3	39 574	1.1	343	1.5	23 510	1.6	219	1.9	10 465	1.9
Bear Lake	293	1.3	42 617	1.1	270	1.3	28 655	.9	213	1.6	14 482	1.0
Benewah	11	9.0	1 293	.9	94	2.2	4 225	2.7	77	2.7	1 916	3.3
Bingham	1 065	.8	307 812	.4	764	1.0	92 102	.7	479	1.2	29 376	1.1
Blaine	179	1.4	64 283	.8	124	2.1	29 527	1.7	90	2.5	13 220	1.4
Boise	41	2.6	2 954	6.2	42	2.4	5 159	1.6	36	2.7	(D)	(D)
Bonner	81	3.1	2 617	4.8	274	1.3	13 828	1.6	226	1.5	6 475	1.7
Bonneville	596	1.0	153 314	.5	368	1.3	42 845	.9	264	1.6	15 550	1.2
Boundary	36	4.4	1 399	1.5	138	1.8	7 335	2.4	118	2.0	3 760	2.7
Butte	147	1.5	56 134	1.1	109	2.0	20 418	1.2	82	2.5	10 532	1.4
Camas	28	3.5	7 486	2.1	40	2.9	7 878	1.3	29	3.8	(D)	(D)
Canyon	1 645	.8	215 279	.5	963	1.0	130 789	.4	588	1.3	18 882	1.4
Caribou	206	1.5	70 201	.9	205	1.5	30 108	1.6	138	2.0	15 284	1.8
Cassia	641	1.1	252 012	.4	436	1.3	134 228	.4	273	1.6	30 873	.8
Clark	38	2.5	48 428	.1	54	2.3	14 822	1.3	46	2.9	6 781	1.4
Clearwater	12	8.7	316	20.7	127	1.8	5 921	1.9	108	2.1	3 265	2.3
Custer	228	1.7	58 436	1.5	185	2.0	36 956	1.9	168	2.1	(D)	(D)
Elmore	202	1.4	75 108	.5	170	1.6	94 298	.4	134	1.9	16 352	1.3
Franklin	437	1.5	50 901	1.4	384	1.5	39 527	1.1	159	2.4	6 953	2.0
Fremont	372	1.4	130 845	.7	240	1.9	30 974	1.4	168	2.3	8 760	2.4
Gem	463	.8	38 677	1.4	323	1.1	36 054	1.1	202	1.5	13 608	1.5
Gooding	581	1.3	115 398	.7	465	1.2	113 347	.6	251	1.8	19 397	2.0
Idaho	53	3.1	2 418	6.0	460	.9	45 261	.5	393	1.0	23 656	.6
Jefferson	675	1.1	183 956	.7	481	1.3	73 301	.8	324	1.6	20 587	1.5
Jerome	695	1.3	150 444	.7	460	1.4	89 656	.7	203	2.0	10 643	2.0
Kootenai	168	1.9	18 723	2.4	253	1.4	8 544	2.1	205	1.7	4 122	2.4
Latah	33	3.8	2 060	3.7	258	1.3	12 415	1.4	230	1.4	6 458	1.5
Lemhi	280	1.2	70 300	1.1	244	1.4	55 422	1.1	220	1.5	35 552	1.1
Lewis	6	4.2	337	1.5	87	1.6	7 040	1.5	78	1.7	3 545	1.4
Lincoln	257	1.8	59 694	1.3	215	2.1	27 535	1.9	114	3.2	6 240	3.5
Madison	449	1.4	127 851	.6	226	1.7	20 952	1.4	148	2.2	7 824	1.9
Minidoka	696	.7	177 516	.4	388	1.1	33 270	.8	170	1.9	7 303	1.7
Nez Perce	68	3.2	2 277	1.4	178	1.5	17 048	.9	159	1.6	8 407	.9
Oneida	201	1.9	28 906	2.3	219	1.8	26 045	2.1	184	2.1	14 105	2.3
Owyhee	469	1.2	100 449	.8	339	1.3	109 884	.5	244	1.6	40 393	.7
Payette	494	.7	56 592	.7	289	1.2	30 235	.8	168	1.7	8 046	1.4
Power	210	.8	102 892	.3	118	1.4	31 890	.2	95	1.7	8 614	.6
Shoshone	6	6.7	217	5.2	25	2.9	798	2.7	19	3.7	524	2.2
Teton	190	1.4	51 358	1.2	138	1.9	16 809	2.4	100	2.5	6 598	2.9
Twin Falls	1 243	1.0	231 351	.9	869	1.1	106 847	.8	505	1.5	27 702	1.7
Valley	81	2.1	21 143	2.1	67	2.7	10 484	1.7	42	4.0	3 968	3.2
Washington	341	1.0	40 227	.8	261	1.2	46 598	.6	216	1.4	21 131	.8

See footnotes at end of table.

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

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

Geographic area	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)
Idaho	**1 990**	**1.2**	**181 785**	**.4**	**1 141**	**1.3**	**67 343**	**1.5**	**1 316**	**1.2**	**347 678**	**.4**
Ada	103	2.3	9 433	.8	75	3.2	5 509	2.1	66	3.6	1 943	5.9
Adams	30	4.5	278	5.9	10	8.2	171	9.4	25	5.1	1 017	10.7
Bannock	46	4.5	1 666	2.6	44	4.6	1 018	3.7	42	5.1	4 378	3.8
Bear Lake	46	3.2	2 022	2.1	9	7.9	208	16.8	31	4.5	16 636	1.6
Benewah	6	11.9	16	19.0	16	7.7	1 529	1.0	10	9.2	407	3.5
Bingham	121	2.4	8 996	1.1	62	3.7	5 075	4.3	75	3.2	14 486	1.1
Blaine	19	5.7	828	4.0	10	8.9	482	10.7	20	5.9	32 956	.4
Boise	2	24.1	(D)	(D)	3	18.7	(D)	(D)	1	48.1	(D)	(D)
Bonner	30	5.4	566	9.7	35	5.2	255	10.7	35	5.2	1 177	9.7
Bonneville	37	4.6	1 630	3.2	41	4.8	1 921	9.4	48	4.5	5 934	4.1
Boundary	18	6.1	445	6.8	21	6.2	6 465	3.3	27	4.8	1 194	7.2
Butte	19	6.6	598	4.6	14	8.3	2 013	25.6	15	7.6	11 300	.9
Camas	1	43.3	(D)	(D)	4	12.1	25	11.6	2	–	(D)	(D)
Canyon	154	2.2	14 014	.7	73	3.9	2 827	9.4	101	3.1	16 128	1.1
Caribou	33	3.9	2 011	2.7	8	11.8	653	29.1	28	4.7	16 359	1.7
Cassia	92	2.8	8 040	1.3	58	3.9	2 108	6.4	29	5.2	7 166	.5
Clark	–	–	–	–	–	–	–	–	10	7.6	6650	.2
Clearwater	9	10.7	130	3.8	12	9.2	939	16.9	7	12.3	163	25.5
Custer	10	10.5	(D)	(D)	6	12.5	28	8.8	28	6.8	2 318	13.0
Elmore	19	7.7	297	11.5	17	7.9	122	11.2	19	7.0	(D)	(D)
Franklin	139	2.4	11 434	1.4	45	5.1	1 916	10.1	37	5.3	2 712	8.9
Fremont	39	4.6	1 470	4.1	22	6.4	151	7.3	42	4.8	33 414	.5
Gem	52	2.9	2 940	1.9	32	5.5	555	13.2	39	4.3	2 210	7.5
Gooding	126	2.0	32 481	.3	45	4.4	3 549	3.7	37	4.6	15 885	.6
Idaho	40	3.7	370	5.2	42	3.7	8 963	2.6	41	3.8	11 426	.9
Jefferson	73	3.2	4 081	2.1	51	4.4	2 596	3.2	54	4.1	22 154	.7
Jerome	92	2.5	32 041	.2	39	5.0	3 038	2.5	26	5.9	10 316	1.1
Kootenai	19	7.0	70	9.6	28	6.0	169	8.4	35	4.8	1 288	22.8
Latah	17	6.2	174	4.8	27	4.9	3 841	3.6	22	5.1	3 377	1.4
Lemhi	30	4.6	672	4.1	11	9.0	80	14.3	45	4.1	4 499	5.4
Lewis	11	5.1	28	15.2	11	3.8	855	6.0	3	12.4	90	26.5
Lincoln	86	3.5	5 537	2.3	24	7.1	828	15.4	23	8.0	1 054	20.6
Madison	36	3.9	1 715	2.6	28	5.5	953	6.0	19	7.0	3 254	6.0
Minidoka	70	2.8	5 213	1.3	42	4.0	2 225	1.7	26	6.0	35 213	.7
Nez Perce	13	8.1	90	1.8	16	7.0	534	10.9	11	7.7	121	8.5
Oneida	20	6.6	729	3.8	10	9.7	457	28.6	19	7.7	2 249	7.7
Owyhee	54	2.9	4 665	1.0	24	6.5	422	11.9	32	4.9	12 189	.7
Payette	67	2.8	5 147	1.6	24	5.7	520	15.2	44	4.0	6 655	5.1
Power	11	5.7	552	.3	5	10.5	15	11.1	12	7.2	1 646	3.2
Shoshone	4	8.5	5	6.8	2	12.5	(D)	(D)	1	–	(D)	(D)
Teton	27	5.4	1 323	4.7	6	15.3	34	22.0	5	13.3	(D)	(D)
Twin Falls	122	2.1	18 301	.5	71	3.7	3 266	7.3	88	3.2	12 879	2.4
Valley	3	27.1	3	27.1	4	18.9	13	22.6	7	13.3	276	11.4
Washington	44	3.2	1 593	1.2	14	7.0	771	13.8	29	4.9	17 233	.5

Livestock and poultry —Con.

Geographic area	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)
Idaho	**1 103**	**1.2**	**1 347 715**	**.1**	**59**	**3.9**	**27 206**	**13.2**
Ada	88	3.0	1 405	5.8	6	13.3	424	12.8
Adams	26	5.4	407	8.3	–	–	–	–
Bannock	38	5.0	(D)	(D)	1	36.5	(D)	(D)
Bear Lake	6	12.5	142	14.3	–	–	–	–
Benewah	9	12.1	550	15.3	3	18.3	(D)	(D)
Bingham	40	4.7	681	6.4	5	15.5	11 090	21.8
Blaine	8	10.2	202	12.6	–	–	–	–
Boise	5	9.9	111	8.3	–	–	–	–
Bonner	53	4.0	1 022	5.0	2	24.9	(D)	(D)
Bonneville	27	6.2	456	7.8	2	21.0	(D)	(D)
Boundary	28	5.0	1 327	11.2	3	13.1	75	13.4
Butte	10	8.4	194	9.6	–	–	–	–
Camas	3	21.7	81	18.4	–	–	–	–
Canyon	104	3.2	7 524	7.5	5	10.7	11 675	22.5
Caribou	3	21.8	52	22.8	–	–	–	–
Cassia	26	6.2	411	6.8	–	–	–	–
Clark	1	–	(D)	(D)	–	–	–	–
Clearwater	13	8.2	200	12.1	–	–	–	–
Custer	17	8.3	422	10.8	2	24.9	(D)	(D)
Elmore	23	6.7	492	7.5	–	–	–	–
Franklin	21	7.6	(D)	(D)	2	21.3	(D)	(D)
Fremont	18	7.5	417	12.5	1	40.6	(D)	(D)
Gem	32	4.7	(D)	(D)	2	15.8	(D)	(D)
Gooding	43	4.4	831	7.0	2	18.9	(D)	(D)

See footnotes at end of table.

TIPS [UPF] BATCH_1809 [ACEN,C_ARLEDGE] 4/20/94 2:51 PM MACHINE: EPCV20 DATA:VOL1_TIPS_APX_82.TIPS;1 * 4/18/94 11:28:00 TAPE: NOreel FRAME: 14
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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	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)
Idaho	36	4.9	1 195	8.3	4	13.0	76	4.9
Jefferson	29	6.2	687	10.5	–	–	–	–
Jerome	25	6.4	415	7.5	2	19.7	(D)	(D)
Kootenai	50	3.9	756	4.9	8	10.6	1 216	26.4
Latah	27	5.1	2 684	22.3	–	–	–	–
Lemhi	8	10.5	1 194	2.3	–	–	–	–
Lewis	6	9.5	85	9.0	–	–	–	–
Lincoln	18	8.5	407	11.1	–	–	–	–
Madison	10	8.6	283	4.3	–	–	–	–
Minidoka	25	5.7	(D)	(D)	3	13.0	1 280	2.4
Nez Perce	23	6.3	534	10.9	1	37.9	(D)	(D)
Oneida	13	9.6	197	12.6	–	–	–	–
Owyhee	27	5.6	598	4.4	–	–	–	–
Payette	28	5.0	419	5.8	–	–	–	–
Power	4	8.8	88	7.9	–	–	–	–
Shoshone	4	11.0	103	12.3	1	24.9	(D)	(D)
Teton	8	8.7	147	8.8	1	35.0	(D)	(D)
Twin Falls	80	3.4	1 825	3.7	3	18.2	175	21.0
Valley	6	16.4	122	17.9	–	–	–	–
Washington	34	4.8	405	6.0	–	–	–	–

Geographic area	Selected crops harvested											
	Wheat for grain						Barley 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)
Idaho	**6 106**	**.9**	**1 384 893**	**.3**	**94 094 326**	**.3**	**5 149**	**1.1**	**691 273**	**.5**	**48 647 384**	**.5**
Ada	156	1.9	12 373	2.1	1 004 957	2.1	116	2.2	4 658	3.3	335 812	2.2
Adams	7	9.1	141	6.9	5 985	3.1	16	6.4	579	7.7	32 883	7.6
Bannock	119	2.2	54 812	.7	2 509 983	.6	113	2.4	9 804	1.1	497 019	1.0
Bear Lake	67	2.8	8 704	1.7	204 082	2.7	136	2.1	9 727	2.3	435 496	1.9
Benewah	57	2.5	27 106	1.0	1 545 783	1.1	30	3.5	4 661	2.1	259 302	2.3
Bingham	436	1.0	145 119	.4	13 609 331	.3	228	1.4	24 528	.7	2 327 821	.7
Blaine	23	4.7	4 932	1.9	402 791	1.7	57	3.2	14 629	1.2	1 285 540	1.4
Boise	1	–	(D)	(D)	(D)	(D)	5	14.2	113	21.3	3 632	10.9
Bonner	2	24.9	(D)	(D)	(D)	(D)	7	11.7	210	8.7	10 974	6.7
Bonneville	259	1.3	72 576	.5	5 220 090	.5	298	1.3	55 747	.8	4 752 936	.9
Boundary	62	2.8	14 324	1.5	896 519	1.4	58	2.9	8 773	2.7	531 195	2.5
Butte	39	3.9	8 207	3.0	609 881	3.2	75	2.4	10 192	1.7	795 679	1.9
Camas	23	3.8	4 120	2.7	65 123	10.7	31	2.9	5 485	1.0	163 749	1.7
Canyon	503	1.1	41 617	.7	3 678 978	.7	224	1.7	9 298	1.3	785 659	1.3
Caribou	122	1.7	34 800	.6	1 441 638	.7	195	1.4	73 692	.7	4 642 834	.7
Cassia	330	1.2	105 671	.4	8 077 910	.4	211	1.5	26 385	.6	2 274 383	.6
Clark	18	–	24 067	–	1 958 887	–	14	6.7	2 590	1.9	199 506	.8
Clearwater	45	3.3	8 926	2.8	417 619	3.0	39	3.4	4 543	2.8	221 639	3.1
Custer	3	23.5	178	24.8	11 080	23.9	21	7.0	1 720	11.8	126 819	12.0
Elmore	48	2.4	16 696	.9	1 309 002	.6	24	4.5	2 077	1.0	128 663	.9
Franklin	161	2.3	20 816	1.5	775 071	1.9	272	1.9	18 873	1.5	1 200 189	1.6
Fremont	189	1.7	35 846	.8	2 800 572	.7	217	1.7	63 835	.8	4 511 366	.8
Gem	62	2.9	2 636	2.8	198 977	3.0	52	3.1	1 210	3.4	92 299	3.3
Gooding	135	2.2	14 721	1.1	1 266 381	1.1	82	2.7	4 623	2.2	383 591	1.8
Idaho	254	1.4	63 977	.8	2 957 770	.8	209	1.5	28 872	1.2	781 588	1.1
Jefferson	218	1.7	39 222	.8	3 295 634	.8	292	1.5	40 280	1.0	3 353 101	1.1
Jerome	304	1.6	33 618	.9	3 033 971	.9	136	2.1	10 585	1.5	930 465	1.5
Kootenai	63	3.0	17 947	1.7	984 869	1.7	29	4.3	3 012	2.8	163 256	2.7
Latah	271	1.1	97 212	.7	5 879 905	.7	205	1.3	26 135	1.1	1 425 651	.9
Lemhi	2	–	(D)	(D)	(D)	(D)	20	4.3	712	5.1	45 433	4.7
Lewis	123	1.1	57 783	.5	2 976 912	.5	104	1.3	24 029	.9	1 100 953	.9
Lincoln	74	3.0	14 721	2.1	1 145 311	1.7	71	3.5	6 140	2.3	464 934	1.7
Madison	212	1.7	37 443	.8	2 924 728	.8	218	1.8	52 421	.6	4 202 800	.6
Minidoka	319	1.0	46 919	.5	4 580 404	.5	276	1.1	32 375	.7	3 279 421	.7
Nez Perce	177	1.2	89 453	.6	4 643 122	.7	124	1.5	22 085	.7	1 107 970	.9
Oneida	139	2.2	38 858	1.4	1 131 017	1.3	130	2.4	12 475	1.8	482 750	2.0
Owyhee	118	2.4	10 788	1.3	786 802	1.4	85	2.6	4 299	1.7	347 358	1.5
Payette	103	2.2	6 237	1.8	476 137	1.7	65	2.8	1 620	2.8	135 859	2.9
Power	179	.8	107 964	.3	6 604 820	.3	48	1.8	4 447	1.3	313 898	1.0
Shoshone	–	–	–	–	–	–	–	–	–	–	–	–
Teton	33	3.0	9 268	.5	479 374	.4	123	1.9	36 648	1.1	2 172 937	1.4
Twin Falls	511	1.4	42 084	1.0	3 417 747	1.0	430	1.5	23 951	1.2	2 162 084	1.3
Valley	7	8.5	1 448	1.6	78 740	1.6	4	12.1	444	20.5	22 670	19.3
Washington	132	1.8	11 430	1.2	678 468	1.5	59	2.2	2 791	1.6	155 270	2.1

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C   C–21

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

Geographic area	Selected crops harvested —Con.											
	Dry edible beans, excluding dry limas						Irish potatoes					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)
Idaho	**1 494**	**1.3**	**114 896**	**1.0**	**2 064 725**	**1.0**	**1 616**	**.6**	**372 028**	**.2**	**119 060 333**	**.1**
Ada	26	5.2	1 131	6.0	21 811	6.9	11	5.7	999	1.4	360 456	1.3
Adams	–	–	–	–	–	–	1	34.7	(D)	(D)	(D)	(D)
Bannock	–	–	–	–	–	–	15	5.0	3 328	1.1	1 133 900	1.1
Bear Lake	–	–	–	–	–	–	1	31.9	(D)	(D)	(D)	(D)
Benewah	–	–	–	–	–	–	–	–	–	–	–	–
Bingham	1	–	(D)	(D)	(D)	(D)	246	1.1	67 007	.3	21 296 484	.3
Blaine	–	–	–	–	–	–	9	5.2	3 937	(L)	1 325 354	(L)
Boise	–	–	–	–	–	–	–	–	–	–	–	–
Bonner	–	–	–	–	–	–	2	17.7	(D)	(D)	(D)	(D)
Bonneville	–	–	–	–	–	–	126	1.5	35 417	.5	9 415 125	.4
Boundary	–	–	–	–	–	–	2	11.8	(D)	(D)	(D)	(D)
Butte	–	–	–	–	–	–	16	4.8	3 126	1.3	608 060	1.4
Camas	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Canyon	159	2.0	8 488	1.3	169 833	1.3	86	1.8	7 137	.7	2 671 929	.6
Caribou	–	–	–	–	–	–	22	2.3	4 313	.4	1 123 797	.3
Cassia	144	2.2	11 771	2.0	183 366	2.4	148	1.5	32 113	.3	11 442 781	.3
Clark	–	–	–	–	–	–	9	–	11 000	–	4 220 670	–
Clearwater	2	17.8	(D)	(D)	(D)	(D)	2	24.9	(D)	(D)	(D)	(D)
Custer	2	25.0	(D)	(D)	(D)	(D)	4	–	340	–	50 100	–
Elmore	24	4.1	4 080	1.3	80 687	1.7	34	2.2	8 623	.4	3 422 809	.4
Franklin	–	–	–	–	–	–	3	27.4	(D)	(D)	(D)	(D)
Fremont	–	–	–	–	–	–	139	1.7	38 262	.5	11 341 076	.4
Gem	4	11.5	139	14.8	1 807	14.8	1	–	(D)	(D)	(D)	(D)
Gooding	64	3.4	3 794	2.5	70 668	2.3	58	2.6	11 868	.7	4 301 135	.6
Idaho	2	16.6	(D)	(D)	(D)	(D)	2	16.6	(D)	(D)	(D)	(D)
Jefferson	–	–	–	–	–	–	63	2.0	16 259	.5	4 395 122	.6
Jerome	241	1.9	20 449	1.6	355 176	1.6	113	1.8	18 071	.4	6 942 361	.4
Kootenai	–	–	–	–	–	–	2	14.9	(D)	(D)	(D)	(D)
Latah	10	4.7	1 485	3.4	8 291	6.7	2	18.4	(D)	(D)	(D)	(D)
Lemhi	–	–	–	–	–	–	1	40.3	(D)	(D)	(D)	(D)
Lewis	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Lincoln	17	7.5	1 027	7.8	17 121	8.3	18	3.9	3 488	.3	1 230 986	.3
Madison	–	–	–	–	–	–	136	1.5	39 402	.4	10 682 805	.5
Minidoka	158	1.8	11 758	1.5	183 604	1.3	114	1.1	18 729	.3	6 882 284	.3
Nez Perce	5	11.3	1 149	2.3	16 679	3.2	3	18.4	3	16.1	124	16.1
Oneida	–	–	–	–	–	–	–	–	–	–	–	–
Owyhee	38	4.3	2 559	2.6	54 469	2.5	41	2.4	4 948	1.1	1 955 538	.8
Payette	16	5.6	834	5.1	15 391	4.0	18	4.7	1 221	1.4	521 051	1.4
Power	–	–	–	–	–	–	77	.4	25 936	.1	8 540 803	.1
Shoshone	–	–	–	–	–	–	–	–	–	–	–	–
Teton	–	–	–	–	–	–	25	4.3	5 673	1.2	1 150 140	1.2
Twin Falls	577	1.4	45 272	1.3	870 660	1.2	60	2.3	9 217	.5	3 388 975	.5
Valley	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Washington	3	14.4	72	7.2	(D)	(D)	4	6.4	293	4.9	103 477	2.8

Geographic area	Selected crops harvested —Con.											
	Sugar beets for sugar						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)	Tons	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)
Idaho	**1 406**	**.8**	**202 115**	**.3**	**4 828 489**	**.3**	**11 940**	**1.1**	**1 063 292**	**.8**	**3 389 557**	**.7**
Ada	51	2.8	5 331	1.1	135 866	1.1	617	1.0	27 557	.9	111 306	.9
Adams	–	–	–	–	–	–	161	1.5	15 588	1.4	30 947	1.9
Bannock	–	–	–	–	–	–	334	1.5	24 667	1.2	59 860	1.5
Bear Lake	–	–	–	–	–	–	329	1.2	45 079	1.0	60 672	1.2
Benewah	–	–	–	–	–	–	85	2.4	5 164	2.2	6 408	2.6
Bingham	37	1.4	9 975	.3	249 611	.3	571	1.1	50 376	1.1	191 738	1.0
Blaine	3	–	(D)	(D)	(D)	(D)	132	1.9	16 814	1.6	52 295	1.8
Boise	–	–	–	–	–	–	25	4.2	1 858	9.6	5 125	15.6
Bonner	–	–	–	–	–	–	285	1.2	20 258	1.5	28 829	1.5
Bonneville	–	–	–	–	–	–	401	1.2	35 457	1.2	103 891	.9
Boundary	–	–	–	–	–	–	161	1.5	9 550	1.9	25 115	2.0
Butte	–	–	–	–	–	–	120	1.8	27 632	1.4	100 357	1.4
Camas	–	–	–	–	–	–	47	2.2	14 984	2.4	17 162	2.7
Canyon	270	1.2	32 464	.6	900 320	.5	867	1.1	32 773	1.4	146 957	1.4
Caribou	–	–	–	–	–	–	194	1.5	29 289	1.4	62 143	1.4
Cassia	206	1.6	32 083	.7	718 338	.6	353	1.3	48 864	1.0	183 778	.8
Clark	–	–	–	–	–	–	39	2.9	14 482	1.3	55 976	.3
Clearwater	–	–	–	–	–	–	116	2.0	7 311	2.3	7 811	3.9
Custer	–	–	–	–	–	–	182	2.0	30 796	1.6	77 466	1.9
Elmore	30	2.8	11 253	.5	247 263	.6	133	1.9	22 785	.9	112 777	1.0
Franklin	–	–	–	–	–	–	424	1.5	35 022	1.4	105 221	1.6
Fremont	–	–	–	–	–	–	240	1.7	24 450	1.4	62 997	1.7
Gem	5	9.2	(D)	(D)	(D)	(D)	268	1.3	13 569	1.2	45 211	1.6
Gooding	38	4.3	3 073	2.6	59 780	2.7	388	1.5	36 009	1.1	175 586	1.0

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.											
	Sugar beets for sugar						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)	Tons	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)
Idaho	–	–	–	–	–	–	418	1.0	36 233	.9	36 118	1.1
Jefferson	–	–	–	–	–	–	489	1.3	74 185	1.0	303 461	.9
Jerome	93	2.4	12 698	1.1	300 870	1.0	449	1.4	34 364	1.0	179 203	1.0
Kootenai	–	–	–	–	–	–	298	1.2	12 822	2.5	19 466	3.3
Latah	–	–	–	–	–	–	301	1.1	15 176	1.5	18 999	1.7
Lemhi	–	–	–	–	–	–	208	1.5	41 802	1.2	96 639	1.2
Lewis	–	–	–	–	–	–	85	1.5	7 013	1.7	7 417	1.1
Lincoln	33	3.3	7 051	.9	161 581	.6	182	2.3	15 239	2.5	42 017	2.1
Madison	–	–	–	–	–	–	253	1.7	16 179	1.5	52 554	1.7
Minidoka	297	1.0	42 939	.5	1 010 080	.5	365	1.1	17 869	.9	88 065	.9
Nez Perce	–	–	–	–	–	–	133	1.8	7 678	2.1	11 923	2.1
Oneida	–	–	–	–	–	–	213	1.9	25 339	2.0	59 758	2.5
Owyhee	75	2.8	11 107	.8	210 929	.7	317	1.5	40 331	1.2	166 582	1.5
Payette	41	2.8	5 360	1.0	155 253	.8	287	1.2	15 083	1.3	61 761	1.5
Power	35	.4	9 255	.3	227 099	.3	106	1.5	8 474	.6	29 294	.4
Shoshone	–	–	–	–	–	–	18	3.8	524	6.8	647	6.2
Teton	–	–	–	–	–	–	153	1.7	20 014	1.7	43 938	2.0
Twin Falls	149	2.1	14 249	1.2	311 003	1.2	891	1.2	51 185	1.1	257 448	1.1
Valley	–	–	–	–	–	–	36	4.7	2 944	5.1	5 653	6.0
Washington	43	3.1	2 635	1.8	72 995	1.7	266	1.2	30 504	.9	78 986	1.1

[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 Total (number)	Census published farms Relative standard error of estimate (percent)	Not on mail list [1] Total (number)	Not on mail list [1] Relative standard error of estimate (percent)	Percent not on mail list [1] Total (percent)	Percent not on mail list [1] Standard error of percent
Farms _____ number__	22 124	.8	2 364	25.4	9.7	2.2
Land in farms _____ acres __	13 468 992	.3	70 591	39.7	.5	.2
Average size of farm _____ acres __	608.8	.6	29.9	41.8	(X)	(X)
Farms by size:						
Less than 10 acres _____	2 785	1.1	1 366	43.6	32.9	9.6
10 to 49 acres _____	5 017	1.0	759	28.4	13.1	3.2
Less than 50 acres _____	7 802	1.0	2 125	27.8	21.4	4.7
50 acres or more _____	14 322	.8	239	55.1	1.6	.9
50 to 99 acres _____	2 557	1.2	61	99.9	2.3	2.3
100 to 179 acres _____	2 513	1.2	16	77.6	.6	.5
180 acres or more _____	9 252	.7	162	71.4	1.7	1.2
Harvested cropland _____ farms __	16 023	.8	1 456	23.4	8.3	1.8
acres__	4 225 273	.4	21 078	39.1	.5	.2
Farms by value of sales:						
Less than $1,000 _____	2 503	1.1	1 375	39.5	35.5	9.0
$1,000 to $2,499 _____	2 223	1.1	663	43.2	23.0	7.7
Less than $2,500 _____	4 726	1.0	2 038	29.7	30.1	6.3
$2,500 or more _____	17 398	.8	326	44.4	1.8	.8
$2,500 to $9,999 _____	4 619	1.0	186	48.0	3.9	1.8
$10,000 or more _____	12 779	.9	140	81.9	1.1	.9
Market value of agricultural products sold ____$1,000 __	2 964 216	.2	9 771	66.1	.3	.2
Farms by standard industrial classification:						
Crops (01) _____	9 704	.8	808	28.2	7.7	2.0
Livestock (02) _____	12 420	.8	1 556	36.4	11.1	3.6
Farms by type of organization:						
Individual or family _____	18 534	.8	2 236	26.5	10.8	2.5
Partnership or corporation _____	3 361	.8	127	71.1	3.7	2.5
Other _____	229	1.8	–	(X)	–	(X)
Farms by tenure of operator:						
Full owners _____	13 000	.8	2 247	26.7	14.7	3.4
Part owners and tenants _____	9 124	.8	117	67.6	1.3	.8
Part owners _____	6 502	.7	16	74.8	.2	.2
Tenants _____	2 622	1.3	101	77.4	3.7	2.8
Operators by place of residence:						
On farm operated _____	16 905	.7	2 353	25.5	12.2	2.7
Not on farm operated _____	3 826	1.1	–	(X)	–	(X)
Not reported _____	1 393	1.0	11	100.0	.8	.8
Operators by principal occupation:						
Farming _____	13 082	.7	846	61.0	6.1	3.5
Other _____	9 042	1.0	1 518	22.7	14.4	2.8
Operators by sex:						
Male _____	20 745	.8	1 716	21.7	7.6	1.5
Female _____	1 379	1.1	648	76.6	32.0	16.7
Operators by race:						
White _____	21 802	.8	2 296	26.1	9.5	2.2
Black and other races _____	322	1.8	68	99.9	17.4	14.4
Operators by years on present farm:						
4 years or less _____	3 254	1.3	789	24.8	19.5	3.9
5 years or more _____	15 903	.7	1 498	38.0	8.6	3.0
Average years on present farm _____	18.3	.2	8.3	18.5	(X)	(X)
Not reported _____	2 967	.9	77	87.3	2.5	2.2
Average age of operator _____	52.2	.1	44.9	6.4	(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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