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	14.4
Land in farms ---- acres	3.8
Estimated market value of land and buildings[1] ---- $1,000	4.9
Market value of agricultural products sold ---- $1,000	2.1
Harvested cropland ---- acres	6.0
Corn for grain or seed ---- acres	5.6
Wheat for grain ---- acres	4.6
Livestock and poultry inventory:	
Cattle and calves ---- number	3.6
Hogs and pigs ---- number	3.5
Hens and pullets of laying age ---- number	.2

[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	5.8
50	3.4
75	2.1
100	1.0
150	.8
200	.7
300	.6
500	.4
750	.4
1,000	.3
1,500	.2
2,000	.2
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	30.1
50	22.9
75	20.0
100	18.3
150	16.5
200	15.5
300	14.5
500	13.6
750	13.1
1,000	12.8
1,500	12.6
2,000	12.5

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

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

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

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

CENSUS NONSAMPLING ERROR

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

Census Coverage

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

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

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

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

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

Mail List Coverage

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

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

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

Respondent and Enumerator Error

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

Item Nonresponse

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

Processing Error

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

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

Classification Error

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

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

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

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

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

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

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

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

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

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

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

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

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

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

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms ---- number	27 152	.8
Land in farms ---- acres	33 983 029	.2
Average size of farm ---- acres	1 252	.8
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ---- farms	27 152	.8
$1,000	4 115 552	.1
Average per farm ---- dollars	151 575	.8
Farms by value of sales:		
Less than $1,000 (see text) ---- farms	3 689	1.5
$1,000	799	1.9
$1,000 to $2,499 ---- farms	2 676	1.5
$1,000	4 417	1.5
$2,500 to $4,999 ---- farms	2 637	1.3
$1,000	9 386	1.3
$5,000 to $9,999 ---- farms	3 005	1.1
$1,000	21 469	1.1
$10,000 to $19,999 ---- farms	3 243	1.1
$1,000	46 405	1.1
$20,000 to $24,999 ---- farms	1 006	1.4
$1,000	22 387	1.4
$25,000 to $39,999 ---- farms	2 087	1.2
$1,000	65 883	1.2
$40,000 to $49,999 ---- farms	1 048	1.3
$1,000	46 825	1.3
$50,000 to $99,999 ---- farms	2 866	.9
$1,000	205 667	.9
$100,000 to $249,999 ---- farms	2 871	.6
$1,000	450 498	.5
$250,000 to $499,999 ---- farms	1 115	–
$1,000	384 294	–
$500,000 or more ---- farms	909	–
$1,000	2 857 521	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ---- farms	14 124	.8
$1,000	1 036 174	.3
Grains ---- farms	8 492	.7
$1,000	558 058	.4
Corn for grain ---- farms	3 772	.8
$1,000	253 480	.4
Wheat ---- farms	5 565	.7
$1,000	211 200	.3
Soybeans ---- farms	17	5.5
$1,000	333	6.1
Sorghum for grain ---- farms	609	1.4
$1,000	10 702	1.0
Barley ---- farms	918	1.0
$1,000	22 343	.7
Oats ---- farms	372	1.7
$1,000	1 613	2.4
Other grains ---- farms	2 121	.8
$1,000	58 387	.6
Cotton and cottonseed ---- farms	–	–
$1,000	–	–
Tobacco ---- farms	–	–
$1,000	–	–
Hay, silage, and field seeds ---- farms	7 768	.9
$1,000	125 567	.8
Vegetables, sweet corn, and melons ---- farms	660	1.3
$1,000	98 051	.3
Fruits, nuts, and berries ---- farms	585	1.6
$1,000	15 301	1.9
Nursery and greenhouse crops ---- farms	473	1.5
$1,000	119 699	.3
Other crops ---- farms	822	.9
$1,000	119 497	.3
Livestock, poultry, and their products ---- farms	17 613	.8
$1,000	3 079 378	.1
Poultry and poultry products ---- farms	715	1.7
$1,000	115 073	.1
Dairy products ---- farms	522	1.1
$1,000	166 166	.2
Cattle and calves ---- farms	14 439	.7
$1,000	2 570 192	.1
Hogs and pigs ---- farms	1 558	1.2
$1,000	78 573	.4
Sheep, lambs, and wool ---- farms	1 962	1.1
$1,000	126 916	.1
Other livestock and livestock products (see text) ---- farms	3 018	1.1
$1,000	22 457	1.4
Value of agricultural products sold directly to individuals for human consumption (see text) ---- farms	1 523	1.3
$1,000	7 461	.9

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ---- farms	27 154	.9
$1,000	3 569 175	.2
Average per farm ---- dollars	131 442	.9
Livestock and poultry purchased ---- farms	9 868	1.9
$1,000	1 576 251	.2
Feed for livestock and poultry ---- farms	16 574	1.3
$1,000	643 202	.3
Commercially mixed formula feeds ---- farms	5 865	2.6
$1,000	135 972	.6
Seeds, bulbs, plants, and trees ---- farms	10 564	1.6
$1,000	62 380	1.0
Commercial fertilizer ---- farms	12 076	1.5
$1,000	93 985	1.2
Agricultural chemicals ---- farms	13 050	1.5
$1,000	57 644	1.8
Petroleum products ---- farms	25 478	.9
$1,000	115 815	.9
Electricity ---- farms	18 662	1.2
$1,000	58 473	1.1
Hired farm labor ---- farms	9 137	1.8
$1,000	209 675	.7
Contract labor ---- farms	4 835	2.8
$1,000	26 105	2.9
Repair and maintenance ---- farms	22 628	1.0
$1,000	134 816	1.0
Customwork, machine hire, and rental of machinery and equipment ---- farms	10 198	1.8
$1,000	52 486	2.1
Interest expense ---- farms	13 513	1.5
$1,000	165 509	1.1
Secured by real estate ---- farms	9 111	1.9
$1,000	98 262	1.6
Not secured by real estate ---- farms	8 139	2.0
$1,000	67 247	1.3
Cash rent ---- farms	6 364	2.4
$1,000	67 697	2.0
Property taxes ---- farms	24 319	1.0
$1,000	53 377	1.2
All other farm production expenses ---- farms	25 187	.9
$1,000	251 759	.7
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT) [1]		
All farms ---- number	27 154	.9
$1,000	515 763	1.1
Average per farm ---- dollars	18 994	1.4
Farms with net gains [2] ---- number	13 612	1.4
$1,000	656 244	.8
Average net gain ---- dollars	48 211	1.6
Farms with net losses ---- number	13 542	1.5
$1,000	140 481	1.8
Average net loss ---- dollars	10 374	2.4
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ---- farms	7 800	.7
$1,000	117 564	.4
Other farm-related income [1] ---- farms	7 310	2.3
$1,000	50 259	3.4
Customwork and other agricultural services ---- farms	2 724	4.0
$1,000	23 455	5.0
Gross cash rent or share payments ---- farms	3 470	3.6
$1,000	20 408	5.4
Forest products and Christmas trees ---- farms	165	14.5
$1,000	803	12.4
Other farm-related income sources ---- farms	2 486	3.9
$1,000	5 593	5.5
COMMODITY CREDIT CORPORATION LOANS		
Total ---- farms	1 194	.9
$1,000	38 760	.5

See footnotes at end of table.

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TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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	21 882	.8
acres	10 933 484	.4
Harvested cropland — farms	18 573	.7
acres	5 532 964	.4
Farms by acres harvested:		
1 to 9 acres — farms	2 040	1.5
acres	9 760	1.5
10 to 19 acres — farms	1 568	1.4
acres	20 822	1.4
20 to 29 acres — farms	1 151	1.4
acres	26 134	1.4
30 to 49 acres — farms	1 747	1.2
acres	64 710	1.2
50 to 99 acres — farms	2 537	1.1
acres	176 200	1.1
100 to 199 acres — farms	2 738	1.1
acres	376 640	1.1
200 to 499 acres — farms	3 536	.9
acres	1 109 439	.9
500 to 999 acres — farms	1 947	.6
acres	1 352 282	.6
1,000 acres or more — farms	1 309	–
acres	2 396 977	–
Cropland:		
Pasture or grazing only — farms	8 810	.9
acres	1 177 198	.9
Other cropland — farms	8 909	.7
acres	4 223 322	.4
Total woodland — farms	2 397	1.1
acres	1 184 667	.4
Pastureland and rangeland other than cropland and woodland pastured — farms	11 949	.7
acres	21 314 825	.1
Land in house lots, ponds, roads, wasteland, etc. — farms	14 272	.8
acres	550 053	.5
Irrigated land — farms	15 193	.8
acres	3 169 839	.5
Acres irrigated:		
1 to 9 acres — farms	2 087	1.4
acres	9 896	1.5
10 to 49 acres — farms	4 018	1.1
acres	98 967	1.1
50 to 99 acres — farms	2 212	1.1
acres	153 563	1.2
100 to 199 acres — farms	2 417	1.1
acres	328 598	1.1
200 to 499 acres — farms	2 744	.9
acres	852 731	.9
500 to 999 acres — farms	1 195	.6
acres	802 716	.6
1,000 acres or more — farms	520	.3
acres	923 368	.2
Harvested cropland irrigated — farms	13 471	.8
acres	2 649 111	.5
Pasture and other land irrigated — farms	5 114	.9
acres	520 728	.7
Land under federal acreage reduction programs:		
Diverted under annual commodity programs — farms	4 218	.7
acres	146 809	.4
Conservation Reserve or Wetlands Reserve Programs — farms	2 890	.8
acres	1 325 574	.6
VALUE OF LAND AND BUILDINGS [1]		
Estimated market value of land and buildings — farms	27 154	.9
$1,000	14 568 399	1.2
Average per farm — dollars	536 510	1.5
Average per acre — dollars	426	1.4
VALUE OF MACHINERY AND EQUIPMENT [1]		
Estimated market value of all machinery and equipment — farms	27 071	.9
$1,000	1 485 320	1.1
Average per farm — dollars	54 868	1.4
AGRICULTURAL CHEMICALS [1]		
Commercial fertilizer — farms	12 066	1.5
acres on which used	3 512 691	1.6

Item	Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR		
All operators — farms	27 152	.8
acres	33 983 029	.2
Full owners — farms	14 707	1.0
acres	8 877 987	.4
Part owners — farms	8 711	.6
acres	21 164 573	.2
Tenants — farms	3 734	1.0
acres	3 940 469	.4
OWNED AND RENTED LAND		
Land owned — farms	23 596	.8
acres	21 829 927	.3
Owned land in farms — farms	23 418	.8
acres	20 027 988	.2
Land rented or leased from others — farms	12 568	.7
acres	14 227 130	.3
landlords	27 244	.6
Rented or leased land in farms — farms	12 445	.7
acres	13 955 041	.3
Land rented or leased to others — farms	3 367	.9
acres	2 074 028	.8
OPERATOR CHARACTERISTICS		
Operators by place of residence:		
On farm operated	19 874	.8
Not on farm operated	5 759	1.0
Not reported	1 519	1.0
Operators by principal occupation:		
Farming	16 181	.7
Other	10 971	1.1
Operators by days worked off farm:		
Any	13 914	1.0
200 days or more	8 353	1.1
Operators by sex:		
Male — farms	24 654	.8
acres	32 320 584	.2
Female — farms	2 498	1.2
acres	1 662 445	.5
Average age of operator — years	52.9	1.1
FARMS BY TYPE OF ORGANIZATION		
Individual or family (sole proprietorship) — farms	22 359	.9
acres	21 271 311	.3
Partnership — farms	2 890	.8
acres	6 168 856	.2
Corporation:		
Family held — farms	1 417	.8
acres	4 285 626	.2
More than 10 stockholders — farms	50	3.1
10 or less stockholders — farms	1 367	.8
Other than family held — farms	232	1.7
acres	607 865	.4
More than 10 stockholders — farms	34	3.5
10 or less stockholders — farms	198	1.9
Other—cooperative, estate or trust, institutional, etc. — farms	254	1.9
acres	1 649 371	.2
HIRED FARM LABOR		
Hired workers by days worked:		
150 days or more — farms	4 770	2.3
workers	14 365	1.4
Less than 150 days — farms	7 865	2.0
workers	32 059	2.8
INJURIES AND DEATHS		
Farm-related injuries:		
Operator and family members — farms	274	1.7
number	311	1.8
Hired workers — farms	363	.8
number	703	.5
Farm-related deaths:		
Operator and family members — farms	8	9.5
number	8	9.5
Hired workers — farms	2	–
number	(D)	(D)

See footnotes at end of table.

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

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

Item		Total	Relative standard error of estimate (percent)
FARMS BY SIZE			
1 to 9 acres	farms	2 424	1.4
	acres	9 398	1.5
10 to 49 acres	farms	4 867	1.3
	acres	126 513	1.3
50 to 69 acres	farms	938	1.5
	acres	54 199	1.5
70 to 99 acres	farms	1 521	1.3
	acres	122 890	1.3
100 to 139 acres	farms	1 241	1.4
	acres	144 686	1.4
140 to 179 acres	farms	1 671	1.2
	acres	264 812	1.2
180 to 219 acres	farms	785	1.6
	acres	154 750	1.6
220 to 259 acres	farms	712	1.5
	acres	169 377	1.5
260 to 499 acres	farms	3 097	1.1
	acres	1 127 316	1.1
500 to 999 acres	farms	3 188	1.1
	acres	2 282 449	1.1
1,000 to 1,999 acres	farms	2 740	1.0
	acres	3 897 545	1.0
2,000 acres or more	farms	3 968	–
	acres	25 629 094	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			
Cash grains (011)	farms	5 010	.8
	acres	7 438 606	.3
Field crops, except cash grains (013)	farms	3 737	1.1
	acres	1 728 305	.7
Vegetables and melons (016)	farms	323	1.7
	acres	97 781	1.0
Fruits and tree nuts (017)	farms	570	1.6
	acres	24 752	2.8
Horticultural specialties (018)	farms	383	1.6
	acres	32 895	1.5
General farms, primarily crop (019)	farms	1 010	1.3
	acres	653 273	.8
Livestock, except dairy, poultry, and animal specialties (021)	farms	12 704	.8
	acres	22 466 496	.2
Dairy farms (024)	farms	391	1.1
	acres	201 134	.9
Poultry and eggs (025)	farms	141	3.0
	acres	18 360	3.2
Animal specialties (027)	farms	2 347	1.4
	acres	579 444	.8
General farms, primarily livestock and animal specialties (029)	farms	536	1.7
	acres	741 983	.8
LIVESTOCK			
Cattle and calves inventory	farms	14 797	.8
	number	3 086 717	.2
Beef cows	farms	11 596	.8
	number	900 347	.4
Milk cows	farms	1 162	1.0
	number	81 825	.2
Cattle and calves sold	farms	14 439	.7
	number	3 569 739	.1
	$1,000	2 570 192	.1
Hogs and pigs inventory	farms	1 643	1.2
	number	464 479	.4
Hogs and pigs sold	farms	1 558	1.2
	number	878 515	.4
	$1,000	78 573	.4
Sheep and lambs of all ages inventory	farms	1 911	1.1
	number	730 272	.2
Sheep and lambs sold	farms	1 901	1.1
	number	1 802 333	.1
Horses and ponies inventory	farms	9 917	.9
	number	69 381	1.0
Horses and ponies sold	farms	2 299	1.1
	number	8 585	1.3
POULTRY			
Chickens 3 months old or older inventory	farms	1 767	1.3
	number	4 257 327	.2
Hens and pullets of laying age	farms	1 744	1.3
	number	3 798 587	(L)
Broilers and other meat-type chickens sold	farms	74	4.3
	number	(D)	(D)
CROPS HARVESTED			
Corn for grain or seed	farms	4 066	.8
	acres	891 720	.4
	bushels	126 076 043	.4
Corn for silage or green chop	farms	1 341	.8
	acres	98 838	.6
	tons, green	2 102 940	.7
Sorghum for grain or seed	farms	709	1.2
	acres	163 850	1.0
	bushels	6 280 126	.9
Wheat for grain	farms	5 597	.7
	acres	2 384 979	.3
	bushels	71 825 463	.3
Barley for grain	farms	1 053	.9
	acres	115 321	.7
	bushels	8 934 199	.7
Oats for grain	farms	610	1.4
	acres	24 002	1.6
	bushels	1 395 905	2.0
Dry edible beans, excluding dry limas	farms	1 533	.9
	acres	150 824	.7
	cwt	2 509 515	.6
Irish potatoes	farms	326	1.2
	acres	70 070	.5
	cwt	21 619 553	.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	13 160	.8
	acres	1 449 177	.6
	tons, dry	3 464 389	.6
Alfalfa hay	farms	9 411	.8
	acres	790 227	.7
	tons, dry	2 484 316	.7
Vegetables harvested for sale (see text)	farms	660	1.3
	acres	44 210	.5
Land in orchards	farms	840	1.5
	acres	10 027	2.1

[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	15 145	.7
Land in farms ---- acres	30 724 785	.2
Average size of farm ---- acres	2 029	.8
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ---- farms	15 145	.7
$1,000	4 079 480	.1
Average per farm ---- dollars	269 362	.8
Farms by value of sales:		
$10,000 to $19,999 ---- farms	3 243	1.1
$1,000	46 405	1.1
$20,000 to $24,999 ---- farms	1 006	1.4
$1,000	22 387	1.4
$25,000 to $39,999 ---- farms	2 087	1.2
$1,000	65 883	1.2
$40,000 to $49,999 ---- farms	1 048	1.3
$1,000	46 825	1.3
$50,000 to $99,999 ---- farms	2 866	.9
$1,000	205 667	.9
$100,000 to $249,999 ---- farms	2 871	.6
$1,000	450 498	.5
$250,000 to $499,999 ---- farms	1 115	–
$1,000	384 294	–
$500,000 or more ---- farms	909	–
$1,000	2 857 521	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ---- farms	10 052	.8
$1,000	1 023 903	.3
Grains ---- farms	7 478	.7
$1,000	554 155	.4
Corn for grain ---- farms	3 589	.8
$1,000	252 958	.4
Wheat ---- farms	4 891	.7
$1,000	208 515	.3
Soybeans ---- farms	17	5.5
$1,000	333	6.1
Sorghum for grain ---- farms	559	1.4
$1,000	10 559	1.0
Barley ---- farms	861	1.0
$1,000	22 172	.7
Oats ---- farms	291	1.8
$1,000	1 506	2.6
Other grains ---- farms	2 031	.8
$1,000	58 112	.6
Cotton and cottonseed ---- farms	–	–
$1,000	–	–
Tobacco ---- farms	–	–
$1,000	–	–
Hay, silage, and field seeds ---- farms	4 899	.9
$1,000	118 833	.8
Vegetables, sweet corn, and melons ---- farms	529	1.3
$1,000	97 751	.3
Fruits, nuts, and berries ---- farms	268	2.0
$1,000	14 399	2.0
Nursery and greenhouse crops ---- farms	369	1.6
$1,000	119 321	.3
Other crops ---- farms	803	.9
$1,000	119 444	.3
Livestock, poultry, and their products ---- farms	10 664	.7
$1,000	3 055 577	.1
Poultry and poultry products ---- farms	240	2.1
$1,000	114 854	.1
Dairy products ---- farms	482	1.0
$1,000	166 081	.2
Cattle and calves ---- farms	9 767	.7
$1,000	2 553 079	.1
Hogs and pigs ---- farms	862	1.3
$1,000	77 379	.4
Sheep, lambs, and wool ---- farms	914	1.1
$1,000	125 437	.1
Other livestock and livestock products (see text) ---- farms	1 193	1.1
$1,000	18 748	1.6
Value of agricultural products sold directly to individuals for human consumption (see text) ---- farms	651	1.4
$1,000	6 464	.9

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ---- farms	15 224	.8
$1,000	3 492 608	.2
Average per farm ---- dollars	229 415	.9
Livestock and poultry purchased ---- farms	6 536	2.0
$1,000	1 569 253	.2
Feed for livestock and poultry ---- farms	9 724	1.4
$1,000	634 237	.3
Commercially mixed formula feeds ---- farms	3 628	2.9
$1,000	134 387	.6
Seeds, bulbs, plants, and trees ---- farms	8 666	1.6
$1,000	61 598	1.0
Commercial fertilizer ---- farms	9 224	1.5
$1,000	92 078	1.2
Agricultural chemicals ---- farms	9 213	1.4
$1,000	55 945	1.8
Petroleum products ---- farms	15 046	.9
$1,000	108 439	.9
Electricity ---- farms	12 419	1.2
$1,000	56 030	1.1
Hired farm labor ---- farms	6 899	1.8
$1,000	208 026	.7
Contract labor ---- farms	3 318	3.0
$1,000	24 589	3.1
Repair and maintenance ---- farms	13 989	1.0
$1,000	124 855	1.0
Customwork, machine hire, and rental of machinery and equipment ---- farms	7 195	1.9
$1,000	50 518	2.1
Interest expense ---- farms	9 803	1.5
$1,000	153 755	1.1
Secured by real estate ---- farms	6 322	2.1
$1,000	88 168	1.6
Not secured by real estate ---- farms	6 564	2.0
$1,000	65 587	1.3
Cash rent ---- farms	5 051	2.5
$1,000	66 114	2.0
Property taxes ---- farms	13 457	1.0
$1,000	43 441	1.3
All other farm production expenses ---- farms	15 216	.8
$1,000	243 731	.7
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT) [1]		
All farms ---- number	15 224	.8
$1,000	556 819	1.0
Average per farm ---- dollars	36 575	1.3
Farms with net gains [2] ---- number	10 619	1.4
$1,000	650 380	.8
Average net gain ---- dollars	61 247	1.6
Farms with net losses ---- number	4 605	2.7
$1,000	93 562	2.3
Average net loss ---- dollars	20 317	3.6
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ---- farms	6 309	.7
$1,000	105 430	.4
Other farm-related income [1] ---- farms	4 650	2.6
$1,000	41 793	3.7
Customwork and other agricultural services ---- farms	2 037	4.3
$1,000	21 994	5.2
Gross cash rent or share payments ---- farms	1 787	4.7
$1,000	14 866	6.4
Forest products and Christmas trees ---- farms	96	17.2
$1,000	649	11.3
Other farm-related income sources ---- farms	1 969	4.1
$1,000	4 284	5.1
COMMODITY CREDIT CORPORATION LOANS		
Total ---- farms	1 149	.8
$1,000	38 634	.5

See footnotes at end of table.

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

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

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	13 160	.7
	acres	9 953 608	.4
Harvested cropland	farms	12 256	.7
	acres	5 301 538	.4
Cropland:			
Pasture or grazing only	farms	4 323	.9
	acres	844 142	.9
Total woodland	farms	1 106	1.1
	acres	994 608	.4
Pastureland and rangeland other than cropland and woodland pastured	farms	7 485	.6
	acres	19 349 563	.1
Land in house lots, ponds, roads, wasteland, etc.	farms	7 795	.7
	acres	427 006	.6
Irrigated land	farms	9 310	.8
	acres	2 946 312	.5
Harvested cropland irrigated	farms	8 872	.8
	acres	2 529 445	.5
Pasture and other land irrigated	farms	2 456	1.0
	acres	416 867	.7
Land under federal acreage reduction programs:			
Diverted under annual commodity programs	farms	3 952	.7
	acres	144 552	.4
Conservation Reserve or Wetlands Reserve Programs	farms	2 154	.7
	acres	1 073 992	.4
VALUE OF LAND AND BUILDINGS [1]			
Estimated market value of land and buildings	farms	15 224	.8
	$1,000	11 931 605	1.3
Average per farm	dollars	783 737	1.6
Average per acre	dollars	389	1.6
VALUE OF MACHINERY AND EQUIPMENT [1]			
Estimated market value of all machinery and equipment	farms	15 224	.8
	$1,000	1 305 394	1.1
Average per farm	dollars	85 746	1.4
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	9 209	1.5
	acres on which used	3 400 622	1.5
TENURE OF OPERATOR			
All operators	farms	15 145	.7
	acres	30 724 785	.2
Full owners	farms	6 054	.9
	acres	7 445 605	.3
Part owners	farms	6 612	.6
	acres	19 848 907	.2
Tenants	farms	2 479	1.1
	acres	3 430 273	.4
OWNED AND RENTED LAND			
Land owned	farms	12 773	.7
	acres	19 305 396	.2
Owned land in farms	farms	12 666	.7
	acres	17 951 783	.2
Land rented or leased from others	farms	9 164	.7
	acres	13 003 427	.2
	landlords	21 948	.6
Rented or leased land in farms	farms	9 091	.7
	acres	12 773 002	.2
Land rented or leased to others	farms	2 000	.8
	acres	1 584 038	.8
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		10 906	.7
Not on farm operated		3 366	1.0
Not reported		873	1.0
Operators by principal occupation:			
Farming		11 924	.7
Other		3 221	1.1
Operators by days worked off farm:			
Any		5 778	1.0
200 days or more		2 653	1.1
Operators by sex:			
Male		14 279	.7
Female		866	1.3
Average age of operator	years	52.8	1.0
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	11 598	.8
	acres	18 981 865	.3
Partnership	farms	2 090	.7
	acres	5 843 400	.2
Corporation:			
Family held	farms	1 161	.7
	acres	4 142 740	.1
More than 10 stockholders	farms	37	2.9
10 or less stockholders	farms	1 124	.8
Other than family held	farms	172	1.7
	acres	539 630	.4
More than 10 stockholders	farms	23	3.3
10 or less stockholders	farms	149	1.9
Other—cooperative, estate or trust, institutional, etc.	farms	124	2.3
	acres	1 217 150	.2
HIRED FARM LABOR			
Hired workers by days worked:			
150 days or more	farms	4 007	2.3
	workers	13 599	1.4
Less than 150 days	farms	5 683	2.2
	workers	28 066	3.0
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	184	1.8
	number	204	1.8
Hired workers	farms	341	.7
	number	679	.4
Farm-related deaths:			
Operator and family members	farms	4	11.4
	number	(D)	(D)
Hired workers	farms	2	–
	number	(D)	(D)
FARMS BY SIZE			
1 to 9 acres		540	1.7
10 to 49 acres		870	1.4
50 to 69 acres		257	2.2
70 to 99 acres		581	1.6
100 to 139 acres		542	1.8
140 to 179 acres		887	1.5
180 to 219 acres		427	1.9
220 to 259 acres		434	1.8
260 to 499 acres		2 082	1.2
500 to 999 acres		2 442	1.1
1,000 to 1,999 acres		2 351	1.0
2,000 acres or more		3 732	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			
Cash grains (011)		4 226	.8
Field crops, except cash grains (013)		1 596	1.3
Vegetables and melons (016)		238	1.8
Fruits and tree nuts (017)		213	2.2
Horticultural specialties (018)		305	1.7
General farms, primarily crop (019)		471	1.4
Livestock, except dairy, poultry, and animal specialties (021)		7 351	.7
Dairy farms (024)		375	1.0
Poultry and eggs (025)		37	3.5
Animal specialties (027)		296	2.2
General farms, primarily livestock and animal specialties (029)		37	4.5
LIVESTOCK			
Cattle and calves inventory	farms	9 481	.7
	number	2 975 548	.2
Beef cows	farms	7 574	.7
	number	844 068	.4
Milk cows	farms	835	.9
	number	81 192	.2
Cattle and calves sold	farms	9 767	.7
	number	3 529 066	.1
	$1,000	2 553 079	.1
Hogs and pigs inventory	farms	867	1.3
	number	452 847	.4
Hogs and pigs sold	farms	862	1.3
	number	862 472	.4
	$1,000	77 379	.4
Sheep and lambs of all ages inventory	farms	875	1.1
	number	695 872	.2
Sheep and lambs sold	farms	899	1.1
	number	1 776 282	.1
Horses and ponies inventory	farms	4 447	.8
	number	32 249	.9
Horses and ponies sold	farms	927	1.1
	number	5 451	1.7

See footnotes at end of table.

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

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

Item		Total	Relative standard error of estimate (percent)
POULTRY			
Chickens 3 months old or older inventory	farms	619	1.5
	number	4 227 492	.2
Hens and pullets of laying age	farms	608	1.4
	number	3 774 591	(L)
Broilers and other meat-type chickens sold	farms	29	6.7
	number	(D)	(D)
CROPS HARVESTED			
Corn for grain or seed	farms	3 839	.8
	acres	887 795	.4
	bushels	125 732 633	.4
Corn for silage or green chop	farms	1 295	.8
	acres	97 953	.6
	tons, green	2 087 490	.7
Sorghum for grain or seed	farms	655	1.2
	acres	159 338	.9
	bushels	6 196 446	.9
Wheat for grain	farms	4 912	.7
	acres	2 331 502	.3
	bushels	70 780 722	.3
CROPS HARVESTED—Con.			
Barley for grain	farms	980	.9
	acres	113 538	.7
	bushels	8 846 038	.7
Oats for grain	farms	490	1.5
	acres	21 889	1.7
	bushels	1 308 190	2.1
Dry edible beans, excluding dry limas	farms	1 472	.9
	acres	149 656	.7
	cwt	2 498 951	.6
Irish potatoes	farms	315	1.1
	acres	70 022	.5
	cwt	21 613 003	.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	8 087	.8
	acres	1 287 866	.6
	tons, dry	3 216 805	.7
Alfalfa hay	farms	5 908	.8
	acres	699 611	.8
	tons, dry	2 317 131	.7
Vegetables harvested for sale (see text)	farms	529	1.3
	acres	43 900	.5
Land in orchards	farms	304	1.9
	acres	7 665	2.6

[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	–.5	.9	.4	.9
Land in farms	acres	–.2	.3	.3	.2
Average size of farm	acres	.3	1.0	–	.9
Estimated market value of land and buildings [1]:					
Average per farm	dollars	16.9	2.3	14.9	2.5
Average per acre	dollars	15.4	2.3	15.4	2.6
Estimated market value of all machinery and equipment [1]:					
Average per farm	dollars	10.8	2.0	10.9	2.1
Farms by size:					
1 to 9 acres		–11.0	1.4	–13.0	1.7
10 to 49 acres		11.8	1.7	30.8	2.3
50 to 179 acres		5.1	1.4	19.2	1.8
180 to 499 acres		–5.5	1.2	–3.7	1.4
500 to 999 acres		–5.0	1.2	–5.6	1.3
1,000 to 1,999 acres		–6.1	1.2	–7.3	1.2
2,000 acres or more		.2	(L)	.3	(L)
Total cropland	farms	–2.0	.9	–1.4	.9
	acres	–.5	.5	.1	.5
Harvested cropland	farms	–4.5	.9	–3.0	.9
	acres	.2	.5	1.1	.5
Irrigated land	farms	1.9	1.0	1.9	1.0
	acres	5.2	.6	5.7	.6
Market value of agricultural products sold	$1,000	30.9	.2	31.3	.2
Average per farm	dollars	31.6	1.3	30.8	1.2
Crops, including nursery and greenhouse crops	$1,000	32.5	.5	33.2	.5
Livestock, poultry, and their products	$1,000	30.4	.1	30.7	.1
Farms by value of sales:					
Less than $2,500		–3.7	1.1	(X)	(X)
$2,500 to $4,999		2.1	1.6	(X)	(X)
$5,000 to $9,999		–.1	1.4	(X)	(X)
$10,000 to $24,999		.1	1.4	.1	1.4
$25,000 to $49,999		–5.5	1.3	–5.5	1.3
$50,000 to $99,999		–8.1	1.0	–8.1	1.0
$100,000 to $249,999		5.5	.7	5.5	.7
$250,000 to $499,999		11.6	–	11.6	–
$500,000 or more		32.1	–	32.1	–
Total farm production expenses [1]	$1,000	32.2	1.2	33.2	1.2
Average per farm	dollars	32.8	1.5	31.9	1.4
Net cash return from agricultural sales for the farm unit (see text) [1]	farms	–.5	1.1	.9	1.0
	$1,000	22.2	2.2	20.1	2.0
Average per farm	dollars	22.7	2.6	19.0	2.3
Operators by principal occupation:					
Farming		–2.0	.8	–2.5	.8
Other		1.8	1.3	12.7	1.5
Operators by days worked off farm:					
Any		–2.0	5.0	1.1	5.2
200 days or more		.5	5.1	9.7	5.6
Livestock and poultry:					
Cattle and calves inventory	farms	1.1	.9	2.2	.8
	number	4.8	.3	5.0	.3
Beef cows	farms	4.2	1.0	6.3	.9
	number	8.4	.5	9.3	.5
Milk cows	farms	–32.2	.8	–28.9	.8
	number	7.3	.3	8.0	.3
Cattle and calves sold	farms	–.9	.9	.5	.8
	number	2.7	.1	2.9	.1
Hogs and pigs inventory	farms	–2.5	1.4	–14.8	1.3
	number	79.5	1.2	82.1	1.2
Hogs and pigs sold	farms	–3.8	1.4	–15.3	1.3
	number	90.8	1.1	92.8	1.2
Sheep and lambs inventory	farms	–3.5	1.3	–9.8	1.3
	number	3.1	.3	2.7	.3
Chickens 3 months old or older inventory	farms	–34.8	1.0	–41.3	1.0
	number	36.5	.3	37.3	.3
Broilers and other meat-type chickens sold	farms	–33.9	3.3	–29.3	5.4
	number	(D)	(D)	(D)	(D)
Selected crops harvested:					
Corn for grain or seed	farms	–5.3	.9	–3.2	.9
	acres	30.1	.7	30.8	.7
	bushels	27.5	.6	27.9	.6
Corn for silage or green chop	farms	–12.1	.8	–10.3	.8
	acres	–1.9	.7	–1.4	.7
	tons, green	.1	.7	.4	.7
Sorghum for grain or seed	farms	–31.8	1.0	–30.0	1.1
	acres	–14.0	1.0	–14.0	1.0
	bushels	–14.3	1.0	–13.8	1.0
Wheat for grain	farms	–20.0	.7	–16.8	.7
	acres	–1.5	.4	–.4	.4
	bushels	–12.0	.4	–11.1	.4
Barley for grain	farms	–56.2	.5	–55.9	.5
	acres	–43.3	.4	–42.9	.4
	bushels	–27.9	.6	–27.8	.6
Dry edible beans, excluding dry limas	farms	–9.2	1.0	–8.5	1.0
	acres	–11.0	.8	–10.2	.8
	cwt	–.5	.8	–.2	.8
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	–2.8	.9	–2.0	.9
	acres	1.8	.7	2.7	.7
	tons, dry	12.2	.9	14.0	.9

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

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

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

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm [1]		Estimated market value of all machinery and equipment [1]	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Colorado	**27 152**	**.8**	**33 983 029**	**.2**	**1 252**	**.8**	**536 510**	**1.5**	**1 485 320**	**1.1**
Adams	657	.8	685 813	.5	1 044	1.0	527 670	6.3	38 339	5.1
Alamosa	303	.8	207 448	.8	685	1.2	536 917	4.6	24 825	6.7
Arapahoe	269	.7	322 823	.7	1 200	1.0	575 130	11.1	11 211	8.5
Archuleta	160	1.8	155 465	1.1	972	2.1	851 711	8.8	4 491	7.3
Baca	562	1.4	1 257 229	.6	2 237	1.5	442 235	5.8	38 130	6.7
Bent	268	1.0	796 892	.3	2 973	1.1	407 335	5.8	13 857	10.3
Boulder	746	.9	157 493	1.3	211	1.6	649 779	6.4	24 531	9.8
Chaffee	157	.8	84 172	1.5	536	1.6	533 192	8.1	5 813	7.2
Cheyenne	305	.7	914 094	.3	2 997	.7	694 922	13.5	24 119	8.6
Clear Creek	14	3.3	7 129	11.0	509	11.5	716 424	12.6	(D)	(D)
Conejos	452	1.4	304 592	1.0	674	1.7	326 378	15.5	21 007	9.5
Costilla	185	1.3	330 826	.3	1 788	1.3	640 485	2.6	10 274	2.5
Crowley	204	.8	423 785	.5	2 077	.9	357 794	3.7	8 437	4.6
Custer	131	.8	156 801	.8	1 197	1.1	690 076	7.4	3 531	8.1
Delta	943	.8	260 728	1.2	276	1.4	253 550	5.0	29 033	4.7
Denver	16	1.3	(D)	(D)	(D)	(D)	579 692	10.8	844	10.5
Dolores	132	1.2	167 106	1.1	1 266	1.6	502 275	12.7	6 620	7.7
Douglas	522	.9	231 364	1.1	443	1.5	762 130	11.3	10 993	15.7
Eagle	134	1.2	213 004	.8	1 590	1.4	1 540 120	3.9	5 658	3.6
Elbert	717	.7	1 105 614	.4	1 542	.8	509 596	7.8	22 846	9.3
El Paso	721	.9	857 404	.4	1 189	1.0	392 085	6.5	16 595	6.6
Fremont	467	.9	331 639	.6	710	1.1	329 818	10.0	8 072	6.5
Garfield	448	.9	440 581	.5	983	1.0	750 786	14.9	16 278	8.1
Gilpin	14	1.1	13 296	.7	950	1.3	(D)	(D)	355	7.1
Grand	149	1.3	299 142	.8	2 008	1.5	1 103 477	6.2	6 525	6.6
Gunnison	173	.8	177 333	.8	1 025	1.1	771 828	5.4	6 439	7.0
Hinsdale	16	1.2	9 021	3.0	564	3.2	666 743	7.7	443	3.8
Huerfano	253	1.3	641 755	.4	2 537	1.3	715 310	15.2	6 053	13.6
Jackson	126	.8	472 018	.3	3 746	.9	1 430 958	6.5	10 822	5.1
Jefferson	419	1.0	103 470	1.9	247	2.2	611 444	13.1	8 786	6.3
Kiowa	309	.8	878 447	.3	2 843	.9	556 407	5.9	18 731	8.6
Kit Carson	718	.6	1 341 738	.4	1 869	.7	620 203	4.0	75 738	4.1
Lake	18	1.4	14 411	1.1	801	1.8	489 027	5.9	314	4.2
La Plata	709	1.0	587 339	.6	828	1.1	540 837	7.2	23 678	11.9
Larimer	1 233	.8	540 412	.6	438	1.0	477 871	4.0	44 983	5.6
Las Animas	490	1.1	2 286 947	.2	4 667	1.1	543 103	3.2	15 332	8.2
Lincoln	447	.5	1 660 146	.2	3 714	.5	681 322	3.5	30 928	6.6
Logan	897	.8	1 066 453	.5	1 189	1.0	346 754	4.3	61 510	5.0
Mesa	1 325	1.0	420 233	.7	317	1.2	301 152	5.0	34 925	8.5
Mineral	17	.9	15 539	1.2	914	1.5	760 773	5.3	320	4.1
Moffat	350	1.1	1 159 813	.2	3 314	1.1	821 493	16.2	13 995	8.6
Montezuma	661	1.2	834 018	.5	1 262	1.3	498 817	15.7	21 773	9.8
Montrose	812	.9	447 412	.6	551	1.1	478 934	8.8	33 210	4.0
Morgan	836	.9	751 517	.5	899	1.0	439 115	3.4	72 875	4.4
Otero	509	1.0	633 279	.4	1 244	1.0	381 868	7.5	27 570	8.9
Ouray	76	.9	119 287	.6	1 570	1.0	1 784 687	3.5	2 762	3.1
Park	166	.7	388 902	.4	2 343	.8	1 005 373	8.3	3 963	10.2
Phillips	375	.6	459 659	.6	1 226	.8	600 422	6.1	36 908	6.2
Pitkin	71	1.0	32 072	3.3	452	3.4	822 461	5.6	3 287	5.0
Prowers	530	1.1	1 004 360	.4	1 895	1.2	564 767	5.5	41 142	5.1
Pueblo	617	.9	896 994	.4	1 454	1.0	417 972	9.3	19 288	6.4
Rio Blanco	240	.8	546 538	.4	2 277	.9	879 735	12.3	10 430	9.4
Rio Grande	339	.6	219 612	.7	648	1.0	555 198	4.1	35 407	3.1
Routt	438	1.0	576 397	.6	1 316	1.2	705 228	14.8	17 771	9.9
Saguache	250	.7	462 086	.4	1 848	.8	805 971	6.0	28 701	5.0
San Juan	1	–	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
San Miguel	97	1.3	200 674	.6	2 069	1.4	1 425 787	3.7	3 583	2.5
Sedgwick	230	.6	310 394	.7	1 350	.9	582 101	6.2	23 273	6.0
Summit	22	.7	38 467	.2	1 749	.7	996 262	4.3	1 203	1.5
Teller	81	1.2	104 010	1.0	1 284	1.6	665 997	4.5	1 455	4.0
Washington	784	.7	1 333 577	.4	1 701	.8	458 025	3.7	56 002	3.8
Weld	2 909	.7	2 086 292	.3	717	.7	469 759	2.3	242 145	2.8
Yuma	932	.6	1 433 111	.4	1 538	.8	654 551	5.0	96 954	2.6

Geographic area	Average market value of all machinery and equipment per farm [1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses [1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Colorado	**54 868**	**1.4**	**4 115 552**	**.1**	**151 575**	**.8**	**27 154**	**.9**	**3 569 175**	**.2**
Adams	58 267	5.3	85 408	.3	129 997	.9	658	1.1	66 713	1.5
Alamosa	81 930	6.8	45 322	.4	149 577	.9	303	1.0	33 748	3.9
Arapahoe	43 117	9.0	14 950	.7	55 577	1.0	269	1.0	14 300	6.0
Archuleta	28 246	7.7	6 808	2.2	42 551	2.8	159	2.5	5 435	5.1

See footnotes at end of table.

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

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

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses [1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Baca	67 846	7.0	51 341	.6	91 355	1.6	562	2.0	44 478	3.1
Bent	51 707	10.4	52 037	.4	194 167	1.1	268	1.5	42 320	2.8
Boulder	33 149	9.9	67 440	.4	90 402	1.0	746	1.1	57 980	2.8
Chaffee	36 792	7.5	3 849	1.4	24 514	1.6	158	2.1	3 655	3.5
Cheyenne	79 078	8.6	37 762	.4	123 811	.8	305	.8	30 895	2.6
Clear Creek	(D)	(D)	26	6.1	1 866	6.9	14	9.7	(D)	(D)
Conejos	46 578	9.6	22 859	1.1	50 573	1.8	451	1.8	14 993	5.7
Costilla	58 048	4.0	13 693	1.0	74 015	1.6	185	1.8	12 118	2.6
Crowley	41 767	5.0	94 601	.2	463 728	.8	204	1.6	85 626	.7
Custer	26 953	8.3	4 396	1.7	33 560	1.9	131	2.0	3 701	8.4
Delta	30 952	4.9	44 593	.7	47 288	1.1	944	1.0	37 993	3.3
Denver	52 775	12.3	1 893	.8	118 305	1.5	16	6.4	1 333	.8
Dolores	50 150	8.1	6 944	1.3	52 606	1.8	132	2.4	4 845	6.7
Douglas	21 100	15.7	10 816	1.5	20 719	1.7	521	1.2	13 249	8.6
Eagle	42 861	4.2	7 394	1.3	55 179	1.8	135	1.7	5 599	3.0
Elbert	31 820	9.3	33 501	.7	46 723	1.0	718	.9	29 949	5.4
El Paso	22 985	6.7	26 396	.6	36 611	1.1	722	1.2	21 891	3.3
Fremont	17 322	6.6	13 444	.6	28 787	1.1	466	1.2	12 608	3.8
Garfield	36 334	8.2	15 801	1.0	35 270	1.4	448	1.2	14 545	3.1
Gilpin	25 336	9.4	136	1.0	9 710	1.5	14	6.2	142	3.5
Grand	43 499	6.9	9 508	.9	63 812	1.6	150	2.2	8 393	4.2
Gunnison	37 222	7.2	8 829	.9	51 036	1.2	173	1.8	7 335	3.2
Hinsdale	27 709	6.6	594	7.5	37 143	7.5	16	5.3	450	7.4
Huerfano	23 925	13.7	8 060	1.3	31 859	1.8	253	1.6	6 158	6.0
Jackson	87 271	5.7	18 631	.5	147 866	.9	127	1.9	17 253	3.1
Jefferson	20 920	6.4	20 590	.7	49 141	1.2	420	1.2	17 945	3.2
Kiowa	60 618	8.7	25 697	.3	83 163	.9	309	1.3	20 848	3.4
Kit Carson	105 485	4.2	173 478	.2	241 612	.7	718	.7	148 500	1.1
Lake	17 464	7.0	725	1.1	40 286	1.8	18	5.6	660	2.3
La Plata	33 777	12.0	14 248	1.5	20 096	1.7	709	1.2	13 969	7.3
Larimer	36 513	5.6	95 719	.4	77 631	.9	1 232	1.0	77 822	1.1
Las Animas	31 290	8.3	26 201	.5	53 472	1.2	490	1.3	19 850	2.0
Lincoln	69 035	6.6	53 629	.3	119 975	.6	448	.7	45 587	3.0
Logan	68 573	5.1	271 545	.2	302 726	.8	897	1.0	245 174	.5
Mesa	26 619	8.6	45 604	.8	34 418	1.2	1 324	1.0	39 984	3.0
Mineral	18 821	5.8	(D)	(D)	(D)	(D)	17	4.0	265	2.8
Moffat	39 986	8.8	16 644	.4	47 553	1.2	350	1.8	14 459	3.3
Montezuma	33 190	9.9	14 771	2.0	22 346	2.3	661	1.3	12 922	6.3
Montrose	41 203	4.2	55 021	.5	67 760	1.1	813	1.0	46 472	2.9
Morgan	87 171	4.5	346 425	.1	414 384	.9	836	.9	306 225	.4
Otero	54 273	9.0	102 436	.3	201 249	1.0	508	1.0	84 607	1.2
Ouray	38 361	4.6	2 984	1.7	39 261	1.9	76	3.4	2 913	2.0
Park	24 016	10.3	6 113	1.4	36 825	1.6	165	1.6	4 855	5.6
Phillips	98 422	6.3	82 574	.3	220 198	.7	375	.8	68 740	2.5
Pitkin	46 289	6.4	2 173	2.8	30 613	3.0	71	4.0	2 166	3.0
Prowers	77 626	5.3	167 239	.2	315 545	1.1	530	1.4	141 920	.7
Pueblo	31 776	6.6	35 807	.6	58 034	1.1	616	1.1	31 268	5.4
Rio Blanco	43 459	9.5	15 007	.6	62 528	1.0	240	1.3	13 604	4.5
Rio Grande	104 445	3.3	43 444	.4	128 155	.7	339	.9	32 308	2.3
Routt	40 573	10.1	26 365	.6	60 194	1.2	438	1.8	22 393	3.7
Saguache	115 263	5.0	47 358	.5	189 431	.9	249	.8	36 615	2.2
San Juan	(D)	(D)	(D)	(D)	(D)	(D)	1	–	(D)	(D)
San Miguel	36 940	4.1	4 388	1.1	45 242	1.7	97	3.2	3 989	1.5
Sedgwick	101 187	6.1	38 166	.6	165 941	.8	230	1.1	32 754	4.1
Summit	54 661	4.1	822	.3	37 342	.8	22	3.9	804	.8
Teller	17 967	5.5	1 131	3.4	13 968	3.6	81	3.7	1 097	3.2
Washington	71 431	3.9	90 862	.3	115 895	.8	784	.8	76 022	1.5
Weld	83 211	2.9	1 180 067	.1	405 661	.7	2 910	.8	1 054 982	.2
Yuma	104 140	2.8	401 054	.1	430 316	.7	932	.9	349 653	.4

Geographic area	Farm production expenses [1]—Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Colorado	**9 868**	**1.9**	**1 576 251**	**.2**	**16 574**	**1.3**	**643 202**	**.3**	**10 564**	**1.6**	**62 380**	**1.0**
Adams	229	11.8	8 055	4.5	349	8.0	7 955	5.9	285	7.7	3 007	4.8
Alamosa	73	28.2	2 018	10.9	193	10.2	523	21.0	90	19.3	1 744	8.0
Arapahoe	83	22.0	1 410	11.3	160	12.3	1 076	15.9	91	17.3	2 358	4.3
Archuleta	68	10.6	2 303	8.4	115	6.0	636	11.9	19	25.1	8	18.3
Baca	192	11.6	11 662	4.5	317	7.4	4 960	6.5	364	7.3	1 195	6.4
Bent	102	14.2	20 102	3.8	179	5.0	9 261	3.8	105	11.7	265	6.9
Boulder	232	12.5	13 507	2.2	484	6.1	16 417	1.6	179	15.0	1 086	16.4
Chaffee	58	10.1	204	9.8	118	4.6	414	7.4	41	10.0	108	3.3
Cheyenne	119	15.5	9 722	5.0	189	9.6	4 749	3.1	138	12.4	504	6.8

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 9
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Farm production expenses [1]—Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Clear Creek	4	17.2	2	10.2	6	13.1	(D)	(D)	–	–	–	–
Conejos	111	19.4	893	17.5	236	11.7	1 089	14.4	100	22.5	449	6.7
Costilla	41	11.7	569	10.3	86	9.9	244	13.1	57	11.9	506	5.9
Crowley	89	9.7	(D)	(D)	138	6.1	20 251	.4	79	10.8	149	13.7
Custer	54	14.4	838	9.2	84	10.3	288	17.7	9	50.7	7	74.0
Delta	321	10.7	8 285	3.2	538	6.9	5 650	2.2	307	10.2	547	10.0
Denver	1	38.7	(D)	(D)	2	27.0	(D)	(D)	7	7.7	(D)	(D)
Dolores	20	25.8	1 423	3.5	38	19.0	253	17.2	67	11.9	63	21.8
Douglas	216	15.7	3 056	31.1	373	7.1	1 730	19.8	61	30.3	184	14.7
Eagle	59	10.0	908	3.7	92	4.7	591	14.4	19	21.6	16	13.0
Elbert	371	8.2	10 455	11.1	601	4.0	4 631	12.0	174	12.7	201	20.4
El Paso	326	9.7	3 492	12.6	576	4.8	3 870	5.8	147	12.8	616	4.5
Fremont	169	14.0	1 918	14.9	283	8.6	3 007	3.9	64	25.7	174	5.6
Garfield	196	12.4	2 111	8.8	298	7.6	1 838	8.0	130	16.2	103	15.0
Gilpin	5	–	33	–	8	8.2	20	3.5	1	–	(D)	(D)
Grand	64	8.7	1 840	8.7	118	4.8	907	6.9	21	20.9	20	9.4
Gunnison	76	8.1	1 048	8.8	120	4.9	1 473	7.2	12	28.6	10	29.6
Hinsdale	7	7.9	109	5.1	11	6.2	74	11.0	4	9.0	(D)	(D)
Huerfano	99	18.7	1 319	10.9	192	8.0	1 340	9.5	48	28.6	40	34.2
Jackson	74	9.2	4 967	5.9	97	6.5	3 067	5.2	7	37.1	4	31.0
Jefferson	90	22.3	480	36.3	203	12.9	799	12.0	67	19.8	1 400	.6
Kiowa	110	17.7	3 295	13.5	168	11.7	2 105	15.8	175	11.4	611	9.1
Kit Carson	247	9.3	62 986	2.1	391	7.4	23 860	2.0	495	5.9	3 100	4.5
Lake	6	10.5	(D)	(D)	13	6.9	48	4.0	–	–	–	–
La Plata	207	13.4	1 969	12.3	459	6.5	1 309	16.0	112	20.4	111	31.1
Larimer	502	8.0	23 019	1.9	858	4.5	16 329	3.3	299	9.2	1 759	5.9
Las Animas	188	11.5	4 641	3.8	381	5.3	3 789	2.9	101	21.6	119	13.5
Lincoln	231	10.2	18 550	4.8	348	5.4	5 155	6.0	194	11.7	430	8.7
Logan	357	9.2	152 697	.7	561	5.6	42 069	1.1	577	5.7	2 435	6.5
Mesa	301	10.2	4 108	5.4	660	5.3	7 311	5.0	358	8.8	953	7.1
Mineral	7	7.8	(D)	(D)	7	7.8	11	4.4	–	–	–	–
Moffat	134	15.9	3 094	8.2	232	8.4	1 872	5.9	72	22.1	81	34.2
Montezuma	139	19.3	1 196	29.8	409	7.3	1 170	16.1	194	15.8	225	19.1
Montrose	348	8.7	10 653	5.0	445	6.3	8 027	1.5	318	8.3	821	6.1
Morgan	374	9.0	155 823	.6	522	6.5	63 674	.7	534	5.1	3 285	3.9
Otero	224	11.4	43 550	1.4	312	7.4	17 248	2.0	267	5.9	845	11.7
Ouray	25	4.4	439	3.0	49	3.9	397	2.2	11	8.8	21	16.1
Park	64	10.4	2 210	9.1	131	4.6	689	5.9	9	36.4	7	35.9
Phillips	84	24.0	21 901	3.1	155	15.5	9 847	.9	303	6.7	2 539	6.7
Pitkin	26	5.7	673	4.5	47	4.8	179	6.1	11	9.7	6	6.4
Prowers	143	18.9	77 173	.3	228	10.9	33 569	.5	317	7.1	1 157	8.3
Pueblo	211	13.0	8 602	4.7	398	5.7	4 115	2.6	232	10.4	609	7.6
Rio Blanco	82	15.6	3 452	5.6	163	10.9	1 690	10.6	25	24.0	68	53.1
Rio Grande	95	12.8	498	18.0	178	10.2	748	25.1	146	10.3	2 326	3.9
Routt	141	14.2	9 405	3.2	271	9.4	2 687	10.8	53	30.4	100	37.3
Saguache	66	21.6	2 237	8.4	119	12.7	1 724	14.4	102	14.9	1 974	3.1
San Juan	1	–	(D)	(D)	–	–	–	–	–	–	–	–
San Miguel	38	4.7	1 122	.9	68	3.7	522	4.9	29	5.5	27	1.2
Sedgwick	63	19.2	7 915	3.7	101	14.4	4 295	2.2	181	6.9	1 428	10.5
Summit	9	3.6	91	.2	14	4.2	183	2.1	6	5.3	13	.1
Teller	33	5.2	272	3.1	57	4.2	196	3.5	9	10.3	4	11.8
Washington	327	9.1	27 644	2.6	463	6.6	8 474	4.1	464	7.2	1 571	6.1
Weld	1 185	4.5	564 982	.1	1 602	3.0	233 303	.5	1 672	2.9	13 580	1.4
Yuma	351	7.7	192 847	.5	560	5.4	49 479	.8	605	4.2	6 934	3.0

Geographic area	Farm production expenses [1]—Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Colorado	**12 076**	**1.5**	**93 985**	**1.2**	**13 050**	**1.5**	**57 644**	**1.8**	**25 478**	**.9**	**115 815**	**.9**
Adams	310	8.4	2 604	10.3	362	6.5	1 822	7.2	610	2.6	4 454	3.5
Alamosa	111	17.1	2 646	9.1	113	16.8	1 115	14.3	298	1.0	1 709	7.5
Arapahoe	96	17.8	262	10.8	99	16.1	372	23.3	228	6.1	1 095	11.9
Archuleta	28	17.8	45	21.7	47	13.9	50	5.2	142	4.6	340	11.1
Baca	288	9.4	2 461	6.6	327	8.0	1 656	7.8	529	3.2	3 368	6.1
Bent	113	13.2	487	10.7	90	21.4	293	12.3	253	3.1	1 387	11.8
Boulder	333	9.6	891	23.6	282	10.9	546	28.3	652	3.3	1 367	8.6
Chaffee	67	8.8	109	9.8	29	15.9	20	30.5	148	2.7	374	4.6
Cheyenne	139	12.6	1 298	10.1	98	17.2	744	13.7	293	2.5	1 759	8.1
Clear Creek	4	15.7	4	16.6	2	21.7	(D)	(D)	9	10.3	7	5.7
Conejos	129	17.4	977	7.5	115	19.8	531	3.5	434	2.8	1 419	9.0
Costilla	69	11.2	987	3.2	41	12.7	488	4.5	181	2.7	857	5.0
Crowley	64	11.9	257	12.5	94	9.4	209	17.2	195	2.1	(D)	(D)
Custer	60	11.4	214	14.4	33	21.9	65	33.5	120	4.3	271	8.1

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 10
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Farm production expenses [1]—Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Delta	506	6.4	1 503	12.6	511	6.5	1 228	11.7	878	2.3	1 776	5.2
Denver	10	7.7	13	5.6	13	6.7	9	15.1	12	7.9	32	3.4
Dolores	31	20.2	120	38.7	57	12.7	149	27.9	131	2.4	441	8.6
Douglas	71	25.9	79	31.4	215	12.7	400	53.0	468	3.5	730	10.8
Eagle	48	10.9	124	9.6	68	7.9	67	10.6	126	2.6	313	4.0
Elbert	98	17.9	311	8.7	288	10.4	496	10.8	687	1.9	1 714	8.5
El Paso	114	17.5	395	17.3	195	14.5	163	15.7	613	3.7	1 581	5.2
Fremont	145	14.4	194	15.3	192	13.3	88	14.5	416	3.9	661	7.0
Garfield	154	13.9	287	10.4	206	11.4	101	13.0	430	2.8	1 073	5.7
Gilpin	2	–	(D)	(D)	3	10.8	(D)	(D)	10	6.5	6	5.7
Grand	28	18.4	217	16.7	47	13.8	56	11.8	142	2.8	400	4.9
Gunnison	36	13.8	142	7.8	39	13.2	7	20.8	158	2.7	485	6.2
Hinsdale	6	8.8	44	14.8	6	8.8	1	7.6	15	5.1	35	7.3
Huerfano	52	27.5	174	22.4	76	21.8	90	24.3	237	4.1	530	16.9
Jackson	50	10.0	380	8.7	26	20.3	54	23.1	121	2.5	860	5.0
Jefferson	89	14.5	128	5.5	109	17.2	110	17.7	349	6.1	1 635	3.1
Kiowa	105	17.3	1 113	14.1	143	13.5	983	17.7	300	2.5	1 828	7.0
Kit Carson	469	6.3	6 384	5.7	436	6.2	3 504	6.1	674	2.6	6 435	3.4
Lake	4	11.0	3	14.1	2	–	(D)	(D)	16	5.6	22	7.0
La Plata	318	8.9	836	13.6	304	10.4	499	23.9	667	2.4	1 202	11.8
Larimer	484	7.7	1 895	5.5	575	6.5	1 101	13.2	1 165	2.0	3 178	4.8
Las Animas	108	18.3	248	14.6	83	21.6	102	7.6	480	2.2	1 326	5.6
Lincoln	163	12.8	1 345	8.2	187	11.6	895	8.1	433	1.7	2 381	7.8
Logan	482	6.2	3 941	8.7	519	5.5	2 442	9.0	843	2.1	4 715	4.1
Mesa	795	4.8	1 444	10.6	796	4.6	845	5.9	1 236	1.9	2 224	6.5
Mineral	2	–	(D)	(D)	–	–	–	–	16	4.3	19	.8
Moffat	96	16.1	263	12.0	151	13.6	205	13.4	344	2.7	989	9.2
Montezuma	321	9.4	1 034	12.1	258	9.9	316	24.6	616	2.2	1 074	9.6
Montrose	500	5.9	1 798	8.2	463	6.1	912	10.7	756	1.8	2 264	5.7
Morgan	502	4.9	6 032	3.4	498	4.1	3 573	14.1	809	2.0	6 153	2.7
Otero	271	6.0	1 169	9.2	318	6.2	1 188	17.6	483	2.3	2 292	6.9
Ouray	37	4.5	110	2.1	14	5.4	30	.8	68	3.5	222	2.7
Park	17	23.4	56	15.3	30	16.3	36	26.0	149	2.8	258	8.0
Phillips	299	7.0	4 626	6.2	242	9.7	2 717	9.8	362	2.6	2 519	4.8
Pitkin	26	6.0	56	7.1	25	6.3	12	6.3	61	4.3	126	4.2
Prowers	241	9.8	1 730	7.0	306	7.6	1 531	7.7	497	2.9	3 665	4.6
Pueblo	244	10.5	1 025	18.1	331	7.6	869	32.8	585	2.6	1 533	7.4
Rio Blanco	134	14.3	508	19.6	105	17.6	187	29.4	229	4.9	925	7.6
Rio Grande	170	9.8	3 802	4.7	197	8.3	1 907	1.8	338	.9	1 866	2.7
Routt	91	20.0	317	28.5	133	18.6	168	21.4	405	3.4	1 010	7.6
Saguache	112	13.0	3 744	3.6	103	15.4	1 833	4.4	233	2.2	1 728	3.7
San Juan	1	–	(D)	(D)	–	–	–	–	1	–	(D)	(D)
San Miguel	42	4.4	148	1.1	30	4.8	34	7.4	94	3.3	275	2.0
Sedgwick	179	7.4	2 184	8.5	148	8.7	1 256	9.5	222	2.7	1 704	5.8
Summit	6	5.3	19	.6	6	5.3	(D)	(D)	21	3.6	55	1.3
Teller	15	7.8	18	11.4	28	6.3	19	12.7	72	3.8	109	4.2
Washington	380	8.6	3 185	7.3	400	6.9	2 392	7.2	766	1.4	4 329	4.4
Weld	1 547	3.1	13 880	2.8	1 855	2.9	10 523	2.5	2 744	1.3	20 101	1.3
Yuma	664	3.7	13 710	2.2	581	4.0	6 623	4.0	908	1.3	7 771	3.1

Geographic area	Farm production expenses [1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Colorado	**18 662**	**1.2**	**58 473**	**1.1**	**9 137**	**1.8**	**209 675**	**.7**	**4 835**	**2.8**	**26 105**	**2.9**
Adams	464	5.0	1 399	3.9	207	10.7	13 359	4.6	129	16.6	1 320	5.7
Alamosa	183	12.8	2 032	2.7	137	15.6	5 967	4.0	15	–	460	–
Arapahoe	185	8.5	290	13.2	69	22.3	1 615	2.2	56	27.9	79	54.9
Archuleta	70	9.1	55	14.9	69	8.1	319	5.4	9	41.0	19	25.0
Baca	482	5.0	1 150	11.5	244	12.4	2 006	6.0	99	20.7	395	13.9
Bent	196	7.8	358	8.2	114	10.6	2 102	5.2	72	25.9	290	21.6
Boulder	418	7.6	827	4.9	242	11.3	7 258	2.4	134	19.1	888	42.8
Chaffee	101	5.5	99	16.0	56	9.5	526	4.3	27	17.1	32	8.4
Cheyenne	244	6.2	849	14.8	90	15.9	961	5.4	68	13.8	450	22.7
Clear Creek	5	18.6	2	29.3	4	19.7	6	29.7	–	–	–	–
Conejos	265	9.0	598	6.3	154	16.6	1 899	10.2	62	28.9	229	24.1
Costilla	103	8.2	775	4.8	74	9.8	1 831	2.2	36	17.1	(D)	(D)
Crowley	155	4.9	289	5.2	59	10.6	1 346	3.8	20	24.8	115	9.7
Custer	86	8.0	67	17.2	41	14.0	295	25.2	14	33.0	56	30.4
Delta	524	6.9	593	9.8	370	8.3	5 617	10.7	128	18.0	234	12.5
Denver	13	7.3	46	.9	9	7.3	405	.3	1	–	(D)	(D)
Dolores	63	11.0	73	46.7	29	16.7	376	23.8	29	23.0	69	29.0
Douglas	387	7.1	396	25.8	150	17.3	1 669	17.8	40	38.7	400	82.5
Eagle	70	7.9	57	4.3	48	11.7	495	6.5	26	17.5	63	17.2

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 11
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Farm production expenses [1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Elbert	559	4.6	396	5.8	180	13.7	1 239	17.8	125	17.6	422	19.8
El Paso	537	5.3	592	4.5	153	14.3	2 652	6.2	94	18.7	459	15.6
Fremont	211	11.1	578	2.8	103	18.7	1 824	4.7	62	26.8	218	12.0
Garfield	221	10.4	348	6.4	121	15.2	1 637	6.4	75	20.8	235	17.3
Gilpin	6	9.4	3	7.5	2	16.2	(D)	(D)	1	–	(D)	(D)
Grand	97	6.7	103	8.5	55	11.2	1 125	7.7	30	18.2	209	6.2
Gunnison	115	5.0	76	7.9	66	8.4	874	7.6	47	12.0	100	23.7
Hinsdale	11	6.0	4	5.6	8	8.5	24	9.8	5	7.2	6	1.8
Huerfano	128	14.4	109	15.3	66	22.5	369	8.8	35	35.9	98	32.7
Jackson	112	4.2	198	9.1	77	8.3	1 485	6.4	29	16.4	87	15.6
Jefferson	265	8.7	505	4.5	160	13.2	5 522	2.1	60	28.1	214	14.0
Kiowa	206	7.8	377	14.8	100	12.9	1 703	10.8	42	28.7	276	23.9
Kit Carson	517	5.0	3 321	6.5	257	9.3	4 994	8.5	104	17.6	527	4.7
Lake	12	6.5	4	12.4	5	8.8	6	1.8	3	14.7	2	16.7
La Plata	417	8.1	335	19.3	214	11.7	1 062	11.4	127	20.1	154	24.4
Larimer	849	4.2	1 136	3.8	301	10.3	7 388	3.2	207	13.5	517	11.9
Las Animas	320	8.0	311	6.6	160	14.2	1 857	3.0	103	18.7	135	16.5
Lincoln	350	4.6	373	7.0	174	13.0	1 738	10.7	95	18.5	412	33.5
Logan	686	4.4	2 113	6.3	277	10.3	5 185	2.8	226	11.8	714	15.8
Mesa	767	5.1	648	5.4	474	8.1	5 390	8.0	291	12.4	570	14.8
Mineral	12	4.7	6	13.5	2	–	(D)	(D)	4	9.7	6	17.9
Moffat	266	7.3	196	9.5	89	19.5	1 556	10.6	85	20.2	235	8.4
Montezuma	297	10.2	165	12.7	251	12.2	825	9.1	162	16.7	318	31.8
Montrose	374	7.5	845	22.3	267	10.1	4 281	2.1	149	15.8	929	36.9
Morgan	720	3.4	4 546	3.9	310	8.6	12 395	2.3	199	10.8	1 064	9.5
Otero	386	5.4	684	5.0	213	10.2	4 297	6.7	104	17.7	563	10.4
Ouray	44	4.1	54	3.7	30	3.9	252	4.5	16	6.1	76	1.9
Park	78	8.9	46	9.2	41	12.6	191	6.1	25	16.5	50	23.4
Phillips	306	6.0	2 289	6.4	184	12.4	3 616	7.2	69	28.6	506	35.7
Pitkin	47	4.8	59	5.1	36	5.4	259	3.8	13	8.9	19	5.8
Prowers	382	6.7	1 010	8.5	188	13.5	3 277	8.2	106	19.9	1 144	9.9
Pueblo	430	5.5	483	7.6	210	11.2	3 622	7.3	65	14.3	365	4.9
Rio Blanco	166	12.5	160	15.5	53	20.8	934	13.6	75	23.3	333	24.4
Rio Grande	306	4.4	2 218	5.0	140	11.3	4 447	2.1	123	14.7	850	5.0
Routt	303	8.6	220	10.4	118	14.2	1 540	14.3	70	29.3	161	29.5
Saguache	194	5.3	2 421	9.5	86	15.5	4 822	3.1	65	18.7	1 651	8.8
San Juan	–	–	–	–	–	–	–	–	1	–	(D)	(D)
San Miguel	53	4.2	31	3.2	32	4.3	328	.6	12	6.7	49	1.6
Sedgwick	188	6.5	1 091	9.4	107	12.5	2 040	4.0	47	25.0	103	15.0
Summit	18	3.3	28	.9	9	3.6	41	.1	5	5.8	13	2.6
Teller	51	4.6	23	5.2	17	7.2	62	9.9	10	8.3	7	7.8
Washington	598	5.4	1 827	5.6	235	11.9	3 584	3.8	115	19.9	587	9.9
Weld	2 295	2.4	8 422	1.5	1 080	4.5	55 886	.6	483	7.5	4 855	2.2
Yuma	748	3.9	10 164	2.9	320	7.9	7 276	2.2	106	13.0	796	5.4

Geographic area	Farm production expenses [1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Colorado	**22 628**	**1.0**	**134 816**	**1.0**	**10 198**	**1.8**	**52 486**	**2.1**	**13 513**	**1.5**	**165 509**	**1.1**
Adams	513	4.8	4 267	5.2	320	8.1	2 894	8.1	262	9.0	4 386	5.1
Alamosa	260	6.0	2 661	5.0	157	14.9	1 181	17.3	149	14.4	2 602	17.7
Arapahoe	184	9.2	1 048	14.8	88	19.8	656	29.1	154	11.9	1 616	18.1
Archuleta	120	6.1	261	8.0	24	18.7	39	17.4	61	12.4	216	10.2
Baca	492	4.8	3 593	9.1	211	13.4	1 499	11.6	342	8.7	3 955	7.3
Bent	224	6.9	1 291	12.0	105	17.8	346	9.9	125	11.3	1 609	7.8
Boulder	594	4.3	2 392	5.3	290	11.0	665	16.9	242	12.6	2 313	14.5
Chaffee	129	3.9	352	5.6	24	20.8	22	26.1	62	9.3	278	9.8
Cheyenne	263	5.6	2 029	8.2	121	14.4	1 523	14.9	183	10.1	2 417	9.0
Clear Creek	12	10.5	13	8.0	1	–	(D)	(D)	3	21.0	1	20.3
Conejos	323	7.3	1 271	18.6	149	18.4	330	17.2	216	12.1	1 262	11.5
Costilla	150	5.1	768	4.3	72	11.3	(D)	(D)	99	7.1	783	7.6
Crowley	168	3.6	1 264	5.6	74	10.3	215	7.9	99	8.1	889	7.2
Custer	92	6.1	243	11.6	26	20.6	47	25.5	46	15.2	463	24.3
Delta	795	3.6	2 296	7.0	431	8.6	596	12.1	436	8.1	2 817	10.3
Denver	10	6.7	68	1.5	1	–	(D)	(D)	4	–	27	–
Dolores	125	3.6	543	14.5	62	12.0	126	26.2	48	15.1	458	12.1
Douglas	391	7.8	1 166	23.2	72	25.5	51	34.5	171	15.5	850	21.5
Eagle	107	4.2	495	5.4	41	13.5	67	7.8	50	11.6	579	5.0
Elbert	583	4.1	1 496	8.3	191	14.5	569	15.1	333	8.2	2 636	11.3
El Paso	605	3.9	1 543	7.1	100	19.7	252	14.8	236	12.2	1 517	12.5
Fremont	347	6.5	735	7.0	155	16.1	123	17.1	131	14.7	885	13.0
Garfield	360	5.5	1 303	8.3	141	15.4	237	13.0	157	11.5	1 411	13.2
Gilpin	7	8.1	8	5.3	–	–	–	–	6	7.7	20	11.6

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 12
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Farm production expenses [1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Grand	125	3.9	641	11.4	35	16.3	52	29.2	57	9.5	469	8.1
Gunnison	147	3.5	480	4.6	36	13.9	38	15.6	81	6.9	912	7.2
Hinsdale	15	5.1	45	5.1	2	19.3	(D)	(D)	9	7.5	22	15.0
Huerfano	191	9.7	561	16.1	35	39.4	43	51.9	67	22.6	404	22.1
Jackson	115	3.3	1 088	6.4	30	16.0	255	6.8	80	8.1	1 244	6.3
Jefferson	339	5.8	1 405	7.9	61	23.6	59	8.5	107	18.9	842	12.4
Kiowa	256	6.1	1 734	7.1	114	17.6	1 614	16.7	194	11.4	2 001	7.6
Kit Carson	631	3.3	6 550	3.6	385	8.1	3 602	11.2	411	6.4	8 790	4.2
Lake	17	6.0	29	3.7	1	–	(D)	(D)	6	10.5	18	16.7
La Plata	559	4.8	1 108	11.0	225	13.2	346	22.8	327	9.7	1 711	16.3
Larimer	1 022	3.1	3 987	6.1	380	9.3	994	6.5	559	7.0	5 007	5.0
Las Animas	375	5.8	1 487	5.9	144	15.6	271	7.5	218	10.6	1 736	6.8
Lincoln	397	4.0	2 536	8.8	172	12.3	1 116	12.4	300	7.8	4 018	7.4
Logan	807	2.8	5 445	4.3	446	7.0	2 582	13.4	545	6.0	5 746	5.3
Mesa	1 069	3.1	2 986	9.4	516	7.7	969	21.6	536	7.3	3 713	8.0
Mineral	16	4.3	15	6.9	1	–	(D)	(D)	5	10.9	12	12.4
Moffat	277	5.7	1 065	9.2	73	22.1	251	18.8	191	10.7	1 730	6.5
Montezuma	505	5.5	1 441	10.1	192	16.5	216	25.6	310	9.1	1 763	12.2
Montrose	657	3.5	3 061	6.0	400	6.9	750	8.3	440	6.3	5 173	6.5
Morgan	779	2.5	8 806	3.3	389	8.3	2 894	6.5	539	6.1	11 777	3.9
Otero	456	3.1	2 391	6.5	224	10.0	794	9.5	341	7.0	3 040	6.9
Ouray	63	3.5	245	2.6	37	4.9	63	2.7	34	4.6	319	3.8
Park	132	4.5	363	8.5	19	21.1	24	28.4	40	13.9	279	10.8
Phillips	327	5.3	3 041	6.8	234	10.1	1 730	15.6	257	8.3	4 934	5.4
Pitkin	66	4.1	206	5.9	11	10.0	9	12.9	23	6.9	110	5.1
Prowers	415	5.7	3 585	7.1	246	13.5	1 631	12.0	345	8.7	3 811	4.9
Pueblo	547	3.9	1 692	11.2	179	14.6	480	39.4	228	10.6	2 105	13.2
Rio Blanco	210	6.0	1 066	11.0	53	30.4	141	8.4	138	13.0	1 168	11.7
Rio Grande	315	3.6	2 915	3.8	154	11.3	1 133	10.2	215	8.7	2 913	7.2
Routt	316	7.9	1 266	10.0	70	27.0	166	38.6	163	16.4	1 429	10.9
Saguache	199	4.4	2 697	4.5	135	12.3	1 488	3.8	143	9.9	2 656	5.4
San Juan	–	–	–	–	–	–	–	–	–	–	–	–
San Miguel	76	3.5	238	2.9	37	5.3	44	3.7	46	3.7	415	2.5
Sedgwick	196	5.8	1 925	7.1	150	9.7	1 251	11.3	183	7.0	3 304	9.4
Summit	17	2.9	64	.3	2	–	(D)	(D)	7	4.6	64	.5
Teller	65	4.0	63	3.6	9	9.6	10	21.3	19	6.5	69	5.7
Washington	706	3.2	4 140	5.1	319	10.8	2 831	11.1	399	8.4	5 387	5.5
Weld	2 579	1.7	24 226	1.6	1 379	4.1	8 915	3.1	1 647	3.5	27 340	2.4
Yuma	790	3.1	9 121	5.4	447	7.1	4 044	5.7	688	4.5	15 088	2.9

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)
Colorado	**6 364**	**2.4**	**67 697**	**2.0**	**24 319**	**1.0**	**53 377**	**1.2**	**25 187**	**.9**	**251 759**	**.7**
Adams	146	15.8	1 978	8.6	546	4.3	1 585	5.4	588	2.9	7 629	3.4
Alamosa	72	23.3	1 433	13.8	290	3.5	760	5.9	273	5.2	6 898	1.6
Arapahoe	76	19.2	455	15.5	235	5.0	530	17.5	215	7.2	1 436	6.6
Archuleta	22	17.4	210	7.3	151	2.8	351	21.1	142	4.2	584	5.2
Baca	154	17.7	1 591	21.3	503	4.3	1 025	6.8	529	3.4	3 962	7.4
Bent	78	24.2	1 096	17.0	225	6.4	454	6.5	231	3.3	2 981	2.6
Boulder	182	12.0	1 530	21.1	634	3.4	1 164	8.8	661	3.1	7 129	6.3
Chaffee	43	12.0	126	17.8	148	3.0	207	9.5	152	2.4	783	5.5
Cheyenne	105	15.7	1 146	11.0	243	7.0	478	8.1	297	2.5	2 265	4.9
Clear Creek	2	21.7	(D)	(D)	11	11.9	34	14.1	11	10.5	(D)	(D)
Conejos	70	28.0	660	11.0	433	3.0	679	5.9	418	3.8	2 707	9.0
Costilla	57	11.4	758	10.8	167	3.6	241	4.7	173	3.4	2 134	2.4
Crowley	38	15.5	385	9.0	187	2.7	328	7.4	195	2.4	3 171	2.5
Custer	37	17.4	294	25.9	103	5.3	179	19.9	114	5.5	374	14.2
Delta	203	14.8	523	13.3	889	2.3	1 070	4.3	873	2.5	5 256	6.7
Denver	6	11.3	20	3.2	15	6.3	45	5.6	15	6.3	154	.5
Dolores	13	27.7	73	24.2	118	4.4	122	12.1	124	3.5	555	9.0
Douglas	65	35.6	378	39.4	481	3.9	755	17.9	482	3.2	1 406	11.5
Eagle	23	13.4	363	1.0	112	4.6	292	7.3	126	2.3	1 168	5.9
Elbert	159	14.9	1 104	8.4	669	2.5	1 227	9.6	676	2.2	3 051	6.4
El Paso	165	14.2	625	14.7	654	3.1	951	10.2	627	4.1	3 185	8.5
Fremont	90	19.9	206	15.1	435	3.1	363	7.1	435	3.5	1 634	6.2
Garfield	113	18.1	645	13.7	395	4.3	918	10.5	433	2.3	2 299	4.5
Gilpin	3	–	3	–	14	6.2	(D)	(D)	9	6.3	18	1.4
Grand	36	15.7	508	15.7	127	4.4	234	11.7	136	3.0	1 611	6.6
Gunnison	44	13.3	263	18.8	153	3.4	252	4.3	152	3.0	1 177	4.2
Hinsdale	3	12.9	6	18.8	16	5.3	26	7.9	15	5.1	49	10.5
Huerfano	38	33.2	162	18.2	235	4.2	323	14.8	228	5.6	596	10.1
Jackson	45	10.8	870	14.6	112	3.2	373	6.7	127	1.9	2 321	5.4

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 13
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Farm production expenses [1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Jefferson	45	32.6	354	27.9	405	2.1	744	5.6	367	4.9	3 749	3.1
Kiowa	81	19.8	666	9.7	240	7.0	612	7.7	286	4.2	1 928	5.6
Kit Carson	228	11.7	2 494	17.9	624	3.9	2 375	7.1	690	2.0	9 578	5.6
Lake	9	10.0	54	1.6	17	6.0	19	2.2	15	6.0	34	5.7
La Plata	177	16.7	619	41.4	662	3.1	812	8.3	663	2.6	1 895	11.5
Larimer	247	12.6	1 332	6.2	1 096	2.4	1 880	8.0	1 101	2.5	8 300	3.0
Las Animas	116	16.6	594	6.1	414	5.1	885	4.3	457	3.5	2 349	4.2
Lincoln	169	11.0	1 655	8.2	385	5.0	1 201	7.7	421	2.2	3 780	6.7
Logan	130	16.8	2 229	20.8	790	2.8	2 285	6.3	857	2.0	10 578	3.4
Mesa	262	11.0	1 534	15.1	1 266	1.6	1 718	5.5	1 205	2.3	5 571	5.1
Mineral	–	–	–	–	17	4.0	33	2.8	16	4.3	11	13.2
Moffat	97	17.1	630	14.7	310	4.8	416	10.2	315	4.4	1 876	6.8
Montezuma	124	23.2	427	37.2	637	2.4	802	25.6	600	3.2	1 950	9.8
Montrose	186	12.1	1 345	18.9	786	1.8	1 254	3.1	755	2.3	4 360	3.8
Morgan	214	12.5	5 856	6.5	732	3.1	2 579	3.6	796	2.4	17 768	1.8
Otero	166	14.5	952	11.1	453	3.3	763	8.2	491	2.1	4 831	2.7
Ouray	25	5.2	150	3.7	74	3.4	156	1.9	74	3.4	380	1.7
Park	37	14.6	131	12.4	156	2.3	159	7.0	142	3.8	358	5.6
Phillips	131	16.4	2 117	10.2	302	6.6	1 270	14.3	365	2.7	5 089	10.6
Pitkin	13	8.5	27	11.9	65	4.2	210	4.6	67	4.1	214	4.8
Prowers	120	17.7	1 884	16.3	463	3.7	1 330	4.5	502	3.6	5 423	4.6
Pueblo	138	13.3	1 286	12.0	585	2.0	921	9.2	555	3.5	3 561	5.4
Rio Blanco	47	18.3	505	13.2	222	3.5	325	9.0	217	5.1	2 140	4.9
Rio Grande	83	14.0	1 407	5.2	311	3.4	1 091	3.7	339	.9	4 188	4.7
Routt	101	19.0	1 012	19.3	419	3.4	727	9.9	371	5.4	2 185	9.4
Saguache	93	17.3	2 386	6.3	230	3.2	886	3.4	230	2.7	4 369	4.9
San Juan	1	–	(D)	(D)	1	–	(D)	(D)	1	–	(D)	(D)
San Miguel	18	6.3	187	2.3	89	3.4	121	3.0	88	3.3	448	1.4
Sedgwick	63	19.1	817	16.5	190	6.5	697	8.7	217	3.7	2 744	6.3
Summit	9	3.6	44	1.7	20	3.8	66	.7	19	3.7	115	.7
Teller	14	7.3	41	1.2	75	3.9	61	4.7	67	4.0	144	3.4
Washington	215	14.1	1 760	11.1	728	2.5	1 813	5.1	754	1.8	6 497	2.9
Weld	677	7.0	11 026	3.5	2 430	1.9	7 197	2.6	2 779	1.2	50 744	1.1
Yuma	240	10.9	4 754	5.2	824	2.8	2 984	3.4	908	1.7	18 061	1.3

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)
Colorado	**27 154**	**.9**	**515 763**	**1.1**	**21 882**	**.8**	**10 933 484**	**.4**	**18 573**	**.7**	**5 532 964**	**.4**
Adams	658	1.1	20 699	5.9	544	1.0	502 890	.6	470	1.0	251 528	.5
Alamosa	303	1.0	10 796	5.0	265	1.0	107 509	1.1	238	1.2	75 937	.9
Arapahoe	269	1.0	(D)	(D)	186	1.5	162 376	1.1	135	1.9	67 447	1.1
Archuleta	159	2.5	1 083	10.3	127	2.3	23 605	3.5	98	2.9	7 262	4.0
Baca	562	2.0	5 491	17.7	495	1.5	650 060	.9	404	1.6	(D)	(D)
Bent	268	1.5	6 300	13.0	192	1.5	119 154	1.0	172	1.8	63 474	1.3
Boulder	746	1.1	7 573	7.5	600	1.1	64 245	2.1	493	1.2	42 180	2.0
Chaffee	158	2.1	436	37.2	123	1.4	17 527	2.6	108	1.6	9 892	2.8
Cheyenne	305	.8	5 990	14.4	263	.8	449 705	.5	231	.9	(D)	(D)
Clear Creek	14	9.7	(D)	(D)	10	7.6	1 517	7.0	6	12.1	240	11.3
Conejos	451	1.8	5 435	8.9	415	1.5	137 625	1.4	385	1.6	91 167	1.3
Costilla	185	1.8	1 202	13.9	172	1.4	(D)	(D)	155	1.6	35 018	1.1
Crowley	204	1.6	9 165	3.6	136	1.7	49 033	2.3	96	2.4	15 378	3.0
Custer	131	2.0	1 002	23.5	94	1.6	28 681	2.2	74	2.1	14 359	2.0
Delta	944	1.0	5 590	12.7	883	.9	78 783	1.1	794	.9	47 897	1.1
Denver	16	6.4	560	2.2	14	4.7	(D)	(D)	12	5.8	(D)	(D)
Dolores	132	2.4	1 305	18.8	119	1.6	74 915	1.8	100	2.1	45 762	1.9
Douglas	521	1.2	(D)	(D)	298	1.5	38 734	2.3	200	1.9	15 577	2.7
Eagle	135	1.7	1 631	8.5	98	2.2	26 657	3.7	85	2.5	14 753	2.1
Elbert	718	.9	3 154	30.7	511	1.0	224 382	.9	399	1.1	87 025	1.0
El Paso	722	1.2	3 394	16.1	359	1.4	87 050	2.1	229	1.8	28 735	1.8
Fremont	466	1.2	1 278	29.0	375	1.2	18 530	2.1	323	1.3	10 301	1.8
Garfield	448	1.2	(D)	(D)	398	1.0	76 666	1.3	343	1.2	36 478	1.5
Gilpin	14	6.2	(D)	(D)	4	12.5	298	27.7	1	–	(D)	(D)
Grand	150	2.2	1 402	27.6	110	2.1	44 918	2.2	89	2.5	30 131	1.5
Gunnison	173	1.8	1 129	20.9	138	1.4	47 751	2.0	121	1.7	32 245	1.4
Hinsdale	16	5.3	145	12.2	13	3.9	(D)	(D)	11	6.3	1 192	7.3
Huerfano	253	1.6	797	47.7	165	1.9	28 213	3.2	131	2.2	14 500	3.4
Jackson	127	1.9	3 162	11.6	100	1.5	99 255	.7	94	1.5	79 855	.7
Jefferson	420	1.2	2 149	22.9	254	1.6	14 817	4.2	179	2.0	5 226	3.8
Kiowa	309	1.3	4 323	13.0	248	1.1	495 908	.4	220	1.1	195 310	.4
Kit Carson	718	.7	24 608	8.2	627	.8	832 154	.5	553	.8	402 326	.4
Lake	18	5.6	(D)	(D)	12	5.1	(D)	(D)	12	5.1	705	10.4
La Plata	709	1.2	(D)	(D)	629	1.1	108 216	1.5	508	1.2	44 460	1.6

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 14
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Net cash return from agricultural sales for the farm unit (see text)[1]				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Larimer	1 232	1.0	15 720	7.2	943	.9	130 997	1.2	758	1.0	86 028	1.2
Las Animas	490	1.3	4 851	9.3	279	1.7	94 912	1.5	206	2.0	35 819	1.4
Lincoln	448	.7	7 950	11.2	317	.9	475 638	.4	280	1.0	193 500	.5
Logan	897	1.0	23 906	5.4	761	.9	538 943	.7	690	.9	254 614	.7
Mesa	1 324	1.0	3 589	23.7	1 212	1.0	94 012	1.3	1 041	1.0	56 862	1.3
Mineral	17	4.0	(D)	(D)	6	–	(D)	(D)	4	–	(D)	(D)
Moffat	350	1.8	1 897	27.6	279	1.3	124 325	.9	237	1.5	54 376	1.1
Montezuma	661	1.3	2 829	41.4	582	1.3	116 231	2.1	462	1.5	60 644	2.6
Montrose	813	1.0	7 182	8.0	739	1.0	97 346	1.3	638	1.1	62 093	1.3
Morgan	836	.9	40 231	3.4	683	1.0	365 528	.7	605	1.0	214 209	.6
Otero	508	1.0	17 439	5.1	402	1.2	79 497	1.3	348	1.3	55 832	1.4
Ouray	76	3.4	(D)	(D)	66	1.6	18 666	2.0	58	2.1	10 834	1.9
Park	165	1.6	761	18.3	95	1.9	17 493	2.1	66	2.5	10 703	1.6
Phillips	375	.8	15 770	4.7	345	.7	399 883	.6	334	.8	229 826	.6
Pitkin	71	4.0	(D)	(D)	62	1.8	8 049	3.0	51	2.8	5 308	3.4
Prowers	530	1.4	23 922	3.6	441	1.2	477 781	.7	398	1.3	224 957	.8
Pueblo	616	1.1	3 333	28.8	439	1.2	92 230	1.5	345	1.4	34 254	1.4
Rio Blanco	240	1.3	740	45.1	192	1.3	52 653	1.7	160	1.6	26 783	1.7
Rio Grande	339	.9	9 795	5.7	312	.8	120 482	.9	275	1.0	85 261	.7
Routt	438	1.8	4 955	8.3	378	1.2	107 224	1.7	315	1.4	51 415	1.3
Saguache	249	.8	7 915	5.8	214	1.0	147 437	.8	192	1.2	103 983	.8
San Juan	1	–	(D)	(D)	1	–	(D)	(D)	1	–	(D)	(D)
San Miguel	97	3.2	(D)	(D)	72	2.1	22 707	2.0	62	2.6	10 181	2.6
Sedgwick	230	1.1	8 205	10.5	220	.8	204 914	.9	210	.9	117 729	.9
Summit	22	3.9	(D)	(D)	19	2.5	5 089	1.1	16	3.0	3 334	.2
Teller	81	3.7	(D)	(D)	41	3.8	4 064	8.9	27	5.2	2 272	8.8
Washington	784	.8	13 969	9.8	676	.8	826 205	.5	597	.9	339 189	.5
Weld	2 910	.8	121 995	1.6	2 356	.7	927 746	.5	2 041	.7	558 312	.5
Yuma	932	.9	49 441	2.1	773	.8	696 322	.6	687	.8	425 401	.5

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)
Colorado	**15 193**	**.8**	**3 169 839**	**.5**	**14 797**	**.8**	**3 086 717**	**.2**	**11 596**	**.8**	**900 347**	**.4**
Adams	255	1.7	28 763	1.8	268	1.7	22 584	1.3	190	2.1	6 773	2.2
Alamosa	255	1.1	97 297	1.1	143	2.1	11 219	2.9	111	2.5	5 871	3.1
Arapahoe	43	4.1	3 314	4.2	121	2.1	15 440	.9	100	2.3	(D)	(D)
Archuleta	102	2.8	14 741	3.1	100	2.7	10 477	3.0	86	3.1	3 551	3.8
Baca	124	2.5	51 156	1.6	341	1.7	61 256	.7	286	1.8	20 593	1.0
Bent	160	1.9	52 877	1.6	180	1.5	60 463	.6	149	1.8	17 993	1.0
Boulder	519	1.2	44 642	2.1	352	1.5	25 581	1.0	254	1.9	9 130	1.5
Chaffee	132	1.2	16 428	3.3	108	1.6	8 655	1.7	91	2.0	(D)	(D)
Cheyenne	43	2.3	15 779	1.7	173	1.2	44 149	.6	140	1.3	14 952	.6
Clear Creek	5	14.5	156	16.2	6	12.1	54	12.0	5	12.8	39	9.4
Conejos	379	1.5	117 364	1.4	289	1.8	40 656	1.5	265	1.9	25 043	1.5
Costilla	168	1.5	41 604	1.4	126	2.2	10 043	4.0	117	2.3	5 478	3.6
Crowley	79	2.8	11 552	3.1	156	1.5	81 787	.3	122	1.9	9 753	1.1
Custer	78	2.0	19 363	1.9	99	1.6	11 323	2.1	80	2.1	5 617	2.4
Delta	874	.9	71 690	1.2	462	1.3	53 164	1.1	386	1.4	23 274	1.6
Denver	8	8.0	(D)	(D)	1	43.3	(D)	(D)	1	43.3	(D)	(D)
Dolores	39	4.5	7 611	3.5	48	3.9	6 707	2.2	46	4.1	3 515	3.3
Douglas	82	3.1	3 346	3.1	221	1.8	10 523	2.6	169	2.2	5 316	3.5
Eagle	103	2.0	24 093	1.9	79	2.6	18 819	1.7	67	3.0	11 206	1.9
Elbert	63	3.4	5 967	4.4	492	1.0	53 782	.7	393	1.1	25 959	.7
El Paso	105	2.7	10 861	3.4	464	1.2	48 270	1.0	349	1.4	21 141	.9
Fremont	350	1.2	12 779	1.7	249	1.5	17 989	.8	187	1.8	8 453	1.0
Garfield	380	1.1	48 999	1.4	239	1.6	35 929	1.6	204	1.8	18 855	1.8
Gilpin	2	17.5	(D)	(D)	8	6.2	506	1.4	7	7.1	325	2.1
Grand	109	2.1	39 079	1.5	103	2.2	25 927	1.1	89	2.5	11 710	1.4
Gunnison	147	1.2	49 271	1.5	117	1.7	30 713	1.3	104	1.9	17 252	1.1
Hinsdale	13	3.9	1 682	7.6	10	1.2	2 192	9.3	9	5.3	1 214	9.1
Huerfano	122	2.4	13 487	4.1	206	1.6	25 789	1.0	185	1.7	(D)	(D)
Jackson	102	1.4	101 408	.9	95	1.5	45 005	.5	88	1.7	23 572	.5
Jefferson	149	2.3	3 077	3.8	135	2.5	4 675	4.6	92	3.2	(D)	(D)
Kiowa	10	3.8	2 276	4.7	171	1.4	28 766	.9	154	1.5	15 042	.8
Kit Carson	286	1.2	139 413	.7	404	1.1	133 127	.3	281	1.4	27 444	.8
Lake	11	5.5	6 668	1.2	11	4.8	974	2.7	9	6.8	582	2.7
La Plata	591	1.1	85 394	1.5	399	1.4	32 686	1.8	348	1.5	16 710	2.0
Larimer	771	1.0	82 724	1.1	576	1.2	75 155	.7	370	1.5	16 984	1.7
Las Animas	175	2.3	23 775	2.8	397	1.2	70 171	.4	365	1.3	39 942	.4
Lincoln	28	3.8	4 167	5.1	305	.9	65 169	.4	251	1.1	28 520	.5
Logan	335	1.4	104 617	1.2	519	1.1	190 524	.3	406	1.3	34 852	.8
Mesa	1 218	1.0	78 267	1.3	562	1.3	54 406	1.2	446	1.4	26 347	1.4

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 15
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
					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)
Mineral	5	–	1 057	–	5	9.4	(D)	(D)	2	–	(D)	(D)
Moffat	127	2.1	20 382	1.3	186	1.5	25 504	.6	164	1.6	16 163	.6
Montezuma	547	1.4	55 193	2.2	392	1.6	26 572	2.0	359	1.7	17 190	2.5
Montrose	729	1.0	84 782	1.1	423	1.3	59 201	1.1	351	1.5	23 921	1.5
Morgan	528	1.1	145 766	.9	435	1.3	214 683	.3	277	1.7	26 033	1.2
Otero	383	1.2	60 432	1.4	306	1.4	83 996	.5	221	1.7	17 684	1.1
Ouray	63	1.8	13 555	1.9	45	2.9	9 378	1.2	44	3.0	5 633	1.6
Park	53	2.8	11 415	1.4	112	1.6	12 741	1.7	94	1.9	6 860	2.1
Phillips	150	1.5	80 426	.8	131	1.9	29 660	.5	106	2.1	6 674	1.8
Pitkin	66	1.7	11 314	2.7	35	4.1	4 175	3.8	23	5.7	1 891	5.2
Prowers	306	1.5	113 922	1.2	252	1.6	99 834	.3	186	1.9	15 318	1.0
Pueblo	315	1.5	31 515	1.5	355	1.3	52 266	.6	290	1.5	23 811	.8
Rio Blanco	152	1.7	27 368	2.3	149	1.8	35 740	1.3	132	2.0	21 447	1.2
Rio Grande	298	.9	113 954	.8	141	2.0	16 480	2.2	126	2.2	9 942	2.4
Routt	227	1.7	46 284	1.7	257	1.6	37 042	1.5	210	1.8	15 463	2.0
Saguache	207	1.1	125 839	.7	124	1.9	32 468	1.1	108	2.1	18 032	1.2
San Juan	1	–	(D)	(D)	1	–	(D)	(D)	–	–	–	–
San Miguel	63	2.5	15 824	1.8	65	2.4	10 148	1.9	58	2.8	5 544	2.1
Sedgwick	114	1.9	45 599	1.9	94	2.3	27 973	.9	70	2.9	(D)	(D)
Summit	15	3.2	4 700	.1	11	4.3	2 849	.1	10	3.7	(D)	(D)
Teller	16	7.5	1 243	15.9	55	2.7	4 275	1.7	42	3.8	(D)	(D)
Washington	137	1.8	44 242	1.0	405	1.1	71 339	.5	313	1.3	23 185	.9
Weld	1 817	.8	407 293	.6	1 537	.8	568 055	.2	975	1.0	59 478	.7
Yuma	459	1.0	271 781	.5	546	1.0	227 495	.3	433	1.1	41 781	.7

Geographic area	Livestock and poultry —Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Colorado	**1 162**	**1.0**	**81 825**	**.2**	**1 643**	**1.2**	**464 479**	**.4**	**1 911**	**1.1**	**730 272**	**.2**
Adams	24	5.0	3 043	1.4	52	4.4	16 992	1.5	34	5.9	(D)	(D)
Alamosa	13	7.8	317	15.0	10	10.0	384	17.1	34	5.2	5 670	4.3
Arapahoe	1	–	(D)	(D)	31	5.8	2 077	9.8	14	9.0	701	4.0
Archuleta	4	17.1	4	17.1	6	16.0	28	20.1	16	8.9	1 367	3.4
Baca	16	6.9	37	7.5	34	6.0	10 211	1.3	14	8.5	208	5.3
Bent	9	8.5	184	8.9	23	6.0	2 204	7.5	19	7.8	1 652	9.7
Boulder	26	5.3	5 255	.5	43	4.9	1 630	3.5	48	4.8	1 210	10.0
Chaffee	4	12.4	(D)	(D)	7	13.1	220	22.1	10	10.1	156	13.5
Cheyenne	11	4.7	152	7.9	14	6.1	(D)	(D)	5	14.0	490	10.7
Clear Creek	–	–	–	–	–	–	–	–	–	–	–	–
Conejos	22	6.6	418	4.9	18	8.4	611	4.1	66	3.9	20 015	1.7
Costilla	4	15.5	4	15.5	9	11.8	339	37.2	26	6.3	3 698	8.6
Crowley	22	5.2	627	7.0	18	7.1	1 363	6.6	19	7.4	943	13.0
Custer	5	10.8	22	18.0	7	10.9	102	4.7	2	27.0	(D)	(D)
Delta	46	4.3	2 503	1.1	41	4.9	3 407	4.8	63	3.9	9 186	2.1
Denver	–	–	–	–	–	–	–	–	–	–	–	–
Dolores	–	–	–	–	3	22.7	8	27.0	2	32.3	(D)	(D)
Douglas	3	13.6	11	5.9	32	5.6	866	10.3	34	5.4	845	8.0
Eagle	4	19.6	4	19.6	10	9.6	75	14.8	21	6.0	9 790	1.6
Elbert	29	5.3	653	5.7	48	4.4	1 093	3.6	43	4.2	1 410	3.8
El Paso	34	4.3	2 268	1.2	50	4.7	1 431	15.9	28	6.8	754	9.3
Fremont	25	5.5	2 027	1.2	49	4.6	4 040	3.7	25	6.1	1 152	3.3
Garfield	12	9.2	98	2.6	31	6.0	578	8.5	36	5.0	25 617	1.6
Gilpin	–	–	–	–	–	–	–	–	–	–	–	–
Grand	5	13.4	11	28.9	11	11.5	43	16.2	11	11.1	327	9.0
Gunnison	8	9.7	19	11.0	3	17.1	30	27.3	9	8.5	(D)	(D)
Hinsdale	–	–	–	–	–	–	–	–	–	–	–	–
Huerfano	16	9.3	(D)	(D)	6	19.0	23	23.8	13	10.1	713	15.5
Jackson	7	7.6	13	4.1	4	18.0	(D)	(D)	15	6.1	868	5.4
Jefferson	5	12.3	(D)	(D)	19	7.7	164	14.7	16	8.1	146	11.5
Kiowa	10	6.6	21	8.2	13	7.8	705	11.7	6	6.1	118	.6
Kit Carson	27	5.0	1 036	2.7	50	4.6	7 517	5.1	17	8.0	2 125	8.0
Lake	–	–	–	–	–	–	–	–	3	16.3	(D)	(D)
La Plata	37	5.0	347	5.2	37	5.6	1 698	19.9	63	3.9	6 812	5.7
Larimer	69	3.0	8 952	.4	74	3.7	5 047	2.0	103	3.1	46 941	.4
Las Animas	31	5.6	410	7.5	7	17.3	169	27.9	17	9.4	897	17.8
Lincoln	21	3.9	172	16.5	28	4.5	4 694	5.3	21	5.0	541	6.2
Logan	39	4.4	621	4.6	72	3.7	16 367	5.3	47	4.4	3 805	3.8
Mesa	52	3.8	2 073	1.1	63	4.2	5 207	7.8	113	2.9	18 728	2.1
Mineral	–	–	–	–	–	–	–	–	–	–	–	–
Moffat	14	5.5	63	1.5	15	9.8	105	14.9	57	3.5	90 518	.2
Montezuma	21	7.8	164	2.3	21	7.9	347	22.3	54	5.0	2 877	8.7
Montrose	25	5.3	2 042	.3	46	4.5	3 119	5.2	122	2.6	49 599	1.3
Morgan	46	3.8	6 759	.7	75	3.5	43 838	.6	32	5.7	3 241	1.3

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 16
TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Geographic area	Livestock and poultry —Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Otero	21	6.4	387	9.0	39	5.1	3 139	7.7	53	4.1	11 863	2.5
Ouray	4	15.6	6	20.8	–	–	–	–	10	11.2	1 341	28.1
Park	3	9.0	4	6.8	10	7.5	24	8.9	11	7.1	892	2.5
Phillips	6	7.6	1 015	.2	14	8.1	(D)	(D)	18	6.7	1 837	4.4
Pitkin	6	13.3	53	29.4	2	27.3	(D)	(D)	5	13.9	138	19.5
Prowers	23	5.9	69	12.3	30	5.6	10 121	1.0	24	6.8	1 026	4.6
Pueblo	22	6.1	912	2.5	36	5.0	2 531	5.1	32	5.1	1 032	4.5
Rio Blanco	15	5.1	25	4.1	12	9.7	85	9.2	47	3.7	30 662	.4
Rio Grande	4	15.9	4	15.9	12	9.9	692	23.1	67	3.1	14 047	2.6
Routt	22	6.8	46	7.9	26	6.6	180	11.1	75	3.5	20 820	1.1
Saguache	23	6.2	42	8.5	10	8.1	799	2.1	24	6.5	14 489	2.0
San Juan	–	–	–	–	–	–	–	–	–	–	–	–
San Miguel	–	–	–	–	1	44.8	(D)	(D)	12	8.9	4 641	2.0
Sedgwick	2	21.7	(D)	(D)	4	17.7	698	18.4	6	11.8	177	23.4
Summit	2	–	(D)	(D)	1	–	(D)	(D)	1	37.3	(D)	(D)
Teller	1	37.7	(D)	(D)	6	13.3	54	21.8	1	–	(D)	(D)
Washington	11	7.2	362	5.5	69	3.4	23 355	1.9	27	5.6	1 535	3.3
Weld	229	1.5	35 036	.3	225	2.2	210 167	.3	188	2.4	289 605	.2
Yuma	21	6.1	2 677	1.2	66	3.8	14 252	4.9	32	5.3	1 907	10.6

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)
Colorado	**1 744**	**1.3**	**3 798 587**	**–**	**74**	**4.3**	**(D)**	**(D)**
Adams	39	5.6	1 287	9.4	4	16.7	299	22.1
Alamosa	14	8.3	337	13.5	–	–	–	–
Arapahoe	20	7.5	256	10.0	3	16.5	600	16.5
Archuleta	11	11.9	158	14.0	–	–	–	–
Baca	28	7.0	796	9.6	1	49.4	(D)	(D)
Bent	13	9.4	265	11.1	–	–	–	–
Boulder	61	4.1	973 086	(L)	3	20.8	(D)	(D)
Chaffee	15	8.0	312	9.8	–	–	–	–
Cheyenne	6	10.2	156	13.8	–	–	–	–
Clear Creek	–	–	–	–	–	–	–	–
Conejos	18	7.4	361	19.5	–	–	–	–
Costilla	3	21.9	50	15.8	–	–	–	–
Crowley	16	8.2	311	9.1	–	–	–	–
Custer	10	10.3	137	10.5	–	–	–	–
Delta	69	3.8	1 188	5.8	2	23.3	(D)	(D)
Denver	–	–	–	–	–	–	–	–
Dolores	5	16.9	95	17.5	–	–	–	–
Douglas	38	4.9	626	5.8	2	18.6	(D)	(D)
Eagle	15	8.4	377	9.9	–	–	–	–
Elbert	60	4.1	(D)	(D)	1	33.2	(D)	(D)
El Paso	60	4.5	1 346	11.6	2	27.4	(D)	(D)
Fremont	42	5.3	793	6.7	2	24.5	(D)	(D)
Garfield	49	4.8	981	5.4	–	–	–	–
Gilpin	–	–	–	–	–	–	–	–
Grand	12	10.8	437	11.2	1	–	(D)	(D)
Gunnison	3	21.3	47	21.3	–	–	–	–
Hinsdale	1	–	(D)	(D)	–	–	–	–
Huerfano	15	7.7	283	9.6	–	–	–	–
Jackson	5	13.5	54	11.7	–	–	–	–
Jefferson	32	5.7	1 267	15.2	2	28.8	(D)	(D)
Kiowa	7	6.7	266	4.3	–	–	–	–
Kit Carson	16	8.1	302	8.9	3	21.6	390	32.6
Lake	1	–	(D)	(D)	–	–	–	–
La Plata	69	4.1	2 937	11.3	3	22.2	84	26.6
Larimer	117	3.1	2 603	4.1	9	11.0	3 710	23.3
Las Animas	20	8.3	445	9.5	1	–	(D)	(D)
Lincoln	29	4.6	482	6.2	–	–	–	–
Logan	52	4.0	1 053	6.0	2	22.3	(D)	(D)
Mesa	118	3.1	(D)	(D)	4	17.4	(D)	(D)
Mineral	–	–	–	–	–	–	–	–
Moffat	25	6.2	1 163	10.8	–	–	–	–
Montezuma	46	5.2	999	6.2	–	–	–	–
Montrose	41	5.1	(D)	(D)	1	39.1	(D)	(D)
Morgan	37	5.6	(D)	(D)	7	14.0	(D)	(D)
Otero	39	5.2	(D)	(D)	1	39.8	(D)	(D)
Ouray	4	15.6	40	17.3	–	–	–	–
Park	12	7.4	166	8.0	–	–	–	–
Phillips	9	9.1	156	15.7	1	37.3	(D)	(D)
Pitkin	8	13.0	171	21.6	–	–	–	–

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 17
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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)
Prowers	28	5.9	660	7.5	–	–	–	–
Pueblo	40	5.1	765	7.3	–	–	–	–
Rio Blanco	11	11.9	277	16.4	–	–	–	–
Rio Grande	12	8.8	369	10.0	–	–	–	–
Routt	41	5.2	1 073	8.6	–	–	–	–
Saguache	16	7.0	513	17.5	2	25.0	(D)	(D)
San Juan	–	–	–	–	–	–	–	–
San Miguel	8	12.6	288	22.6	–	–	–	–
Sedgwick	10	10.7	416	10.4	1	37.5	(D)	(D)
Summit	–	–	–	–	–	–	–	–
Teller	11	8.4	271	20.4	2	26.3	(D)	(D)
Washington	39	4.8	984	4.2	1	41.4	(D)	(D)
Weld	182	2.6	1 777 291	(L)	10	11.5	2 653	14.5
Yuma	36	5.1	1 119	6.6	3	24.6	335	29.1

Geographic area	Selected crops harvested											
	Corn for grain or seed						Corn for silage or green chop					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)
Colorado	**4 066**	**.8**	**891 720**	**.4**	**126 076 043**	**.4**	**1 341**	**.8**	**98 838**	**.6**	**2 102 940**	**.7**
Adams	67	3.2	9 208	2.7	1 160 576	2.7	27	5.4	1 572	5.3	33 394	5.7
Alamosa	1	46.4	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Arapahoe	1	–	(D)	(D)	(D)	(D)	5	9.6	780	8.8	16 160	8.2
Archuleta	–	–	–	–	–	–	–	–	–	–	–	–
Baca	52	3.5	13 629	1.9	2 114 435	1.9	6	–	898	–	18 006	–
Bent	76	2.9	7 052	3.0	867 660	3.1	23	4.5	1 621	5.5	31 511	5.4
Boulder	81	3.1	8 580	4.3	1 105 815	3.6	39	4.3	1 569	5.1	29 487	5.1
Chaffee	–	–	–	–	–	–	–	–	–	–	–	–
Cheyenne	28	1.3	9 207	1.4	1 412 125	1.6	6	8.6	490	9.6	10 005	7.9
Clear Creek	–	–	–	–	–	–	–	–	–	–	–	–
Conejos	–	–	–	–	–	–	–	–	–	–	–	–
Costilla	–	–	–	–	–	–	1	48.1	(D)	(D)	(D)	(D)
Crowley	23	5.8	2 129	4.9	227 219	6.5	10	5.0	338	9.3	5 705	9.9
Custer	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Delta	55	3.7	4 431	3.4	589 485	3.7	47	3.6	2 975	3.3	62 941	3.4
Denver	–	–	–	–	–	–	–	–	–	–	–	–
Dolores	–	–	–	–	–	–	2	24.3	(D)	(D)	(D)	(D)
Douglas	1	29.0	(D)	(D)	(D)	(D)	1	–	(D)	(D)	(D)	(D)
Eagle	–	–	–	–	–	–	–	–	–	–	–	–
Elbert	4	17.4	232	11.1	16 060	6.8	2	–	(D)	(D)	(D)	(D)
El Paso	2	24.9	(D)	(D)	(D)	(D)	6	12.8	376	10.1	3 795	2.3
Fremont	–	–	–	–	–	–	7	9.1	397	1.7	6 319	1.5
Garfield	2	18.4	(D)	(D)	(D)	(D)	17	6.1	373	5.4	5 590	4.6
Gilpin	–	–	–	–	–	–	–	–	–	–	–	–
Grand	–	–	–	–	–	–	–	–	–	–	–	–
Gunnison	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Hinsdale	–	–	–	–	–	–	–	–	–	–	–	–
Huerfano	1	50.0	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Jackson	–	–	–	–	–	–	–	–	–	–	–	–
Jefferson	–	–	–	–	–	–	–	–	–	–	–	–
Kiowa	6	–	1 795	–	175 460	–	2	–	(D)	(D)	(D)	(D)
Kit Carson	241	1.3	80 144	.8	12 002 046	.8	72	2.1	6 037	1.6	113 702	1.9
Lake	–	–	–	–	–	–	–	–	–	–	–	–
La Plata	2	–	(D)	(D)	(D)	(D)	7	9.5	270	10.4	4 446	5.5
Larimer	166	2.1	17 769	2.2	2 448 873	2.2	93	2.5	8 161	2.1	197 292	2.2
Las Animas	16	7.4	1 172	7.6	153 302	10.4	9	9.6	216	4.4	3 688	3.1
Lincoln	13	3.8	2 244	3.6	166 021	7.3	3	–	160	–	1 700	–
Logan	296	1.5	62 657	1.2	7 925 224	1.1	80	2.4	5 065	1.7	99 075	1.8
Mesa	115	2.7	9 511	3.9	1 211 827	4.3	61	3.2	2 787	3.8	47 761	3.7
Mineral	–	–	–	–	–	–	–	–	–	–	–	–
Moffat	1	48.4	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Montezuma	2	18.3	(D)	(D)	(D)	(D)	7	9.2	334	4.0	4 790	4.3
Montrose	141	2.4	8 152	2.5	1 086 649	2.4	55	3.1	4 031	2.6	82 151	2.9
Morgan	400	1.3	88 195	.9	13 595 543	1.0	112	2.2	6 764	1.7	162 757	1.7
Otero	188	1.9	18 930	1.6	2 798 095	1.6	37	3.5	1 498	3.3	27 177	3.2
Ouray	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Park	–	–	–	–	–	–	–	–	–	–	–	–
Phillips	184	1.3	85 924	.7	10 885 158	.7	9	3.6	1 073	.5	25 326	.3
Pitkin	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Prowers	117	2.2	18 520	1.6	2 285 198	1.4	26	4.3	2 068	2.6	40 464	2.6
Pueblo	106	2.7	6 470	2.5	976 640	2.2	16	5.1	775	2.2	15 434	1.1
Rio Blanco	–	–	–	–	–	–	–	–	–	–	–	–
Rio Grande	–	–	–	–	–	–	–	–	–	–	–	–
Routt	–	–	–	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 18
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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											
	Corn for grain or seed						Corn for silage or green chop					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)
Saguache	–	–	–	–	–	–	–	–	–	–	–	–
San Juan	–	–	–	–	–	–	–	–	–	–	–	–
San Miguel	–	–	–	–	–	–	–	–	–	–	–	–
Sedgwick	120	1.8	41 450	1.5	4 851 122	1.4	22	5.2	865	4.4	14 849	3.1
Summit	–	–	–	–	–	–	–	–	–	–	–	–
Teller	1	49.0	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Washington	120	1.9	32 906	1.1	3 882 917	1.0	17	4.3	1 178	2.8	19 434	2.1
Weld	1 022	.9	143 961	.8	21 132 146	.8	452	1.2	40 701	.9	909 813	1.0
Yuma	415	1.0	216 131	.4	32 911 969	.4	58	1.5	4 638	3.5	102 657	3.5

Geographic area	Selected crops harvested —Con.											
	Sorghum for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Colorado	**709**	**1.2**	**163 850**	**1.0**	**6 280 126**	**.9**	**5 597**	**.7**	**2 384 979**	**.3**	**71 825 463**	**.3**
Adams	13	7.7	1 064	5.5	28 520	7.0	262	1.4	206 963	.6	7 220 253	.6
Alamosa	1	–	(D)	(D)	(D)	(D)	31	2.4	10 668	.8	711 622	1.0
Arapahoe	3	19.4	(D)	(D)	(D)	(D)	87	2.4	57 342	1.1	1 489 161	1.3
Archuleta	–	–	–	–	–	–	4	20.6	159	20.1	9 980	19.5
Baca	222	2.1	87 368	1.5	3 076 707	1.5	339	1.7	155 693	.9	4 150 060	.9
Bent	58	3.3	4 789	3.2	331 907	2.8	51	2.9	14 868	.9	426 145	1.1
Boulder	1	34.7	(D)	(D)	(D)	(D)	50	3.9	4 210	5.8	176 295	4.9
Chaffee	–	–	–	–	–	–	–	–	–	–	–	–
Cheyenne	24	2.9	7 802	3.3	231 706	2.6	205	1.0	149 569	.6	4 038 765	.6
Clear Creek	–	–	–	–	–	–	–	–	–	–	–	–
Conejos	–	–	–	–	–	–	15	5.4	1 751	3.8	126 576	2.4
Costilla	–	–	–	–	–	–	14	5.7	8 101	1.5	539 309	1.5
Crowley	13	8.9	1 340	3.9	53 480	4.4	11	9.0	1 694	9.4	31 804	12.4
Custer	–	–	–	–	–	–	–	–	–	–	–	–
Delta	1	36.2	(D)	(D)	(D)	(D)	21	6.0	898	5.0	55 119	5.7
Denver	–	–	–	–	–	–	3	15.7	(D)	(D)	(D)	(D)
Dolores	–	–	–	–	–	–	70	2.9	17 461	2.1	407 602	2.2
Douglas	–	–	–	–	–	–	12	8.1	2 920	7.9	82 392	13.9
Eagle	–	–	–	–	–	–	–	–	–	–	–	–
Elbert	2	–	(D)	(D)	(D)	(D)	136	1.9	44 794	1.3	1 226 712	1.4
El Paso	2	–	(D)	(D)	(D)	(D)	22	5.8	2 417	7.9	58 941	7.9
Fremont	–	–	–	–	–	–	4	17.7	65	22.1	2 250	20.0
Garfield	1	46.6	(D)	(D)	(D)	(D)	10	8.1	1 765	9.1	48 468	10.7
Gilpin	–	–	–	–	–	–	–	–	–	–	–	–
Grand	–	–	–	–	–	–	–	–	–	–	–	–
Gunnison	–	–	–	–	–	–	–	–	–	–	–	–
Hinsdale	–	–	–	–	–	–	–	–	–	–	–	–
Huerfano	3	15.3	87	9.5	5 070	4.9	1	50.0	(D)	(D)	(D)	(D)
Jackson	–	–	–	–	–	–	–	–	–	–	–	–
Jefferson	–	–	–	–	–	–	4	15.9	(D)	(D)	14 337	15.2
Kiowa	59	2.3	24 275	1.2	737 872	1.0	197	1.2	158 100	.5	3 899 625	.4
Kit Carson	17	4.8	2 225	2.8	173 116	.9	494	.9	273 188	.5	8 999 608	.5
Lake	–	–	–	–	–	–	–	–	–	–	–	–
La Plata	1	–	(D)	(D)	(D)	(D)	38	4.9	3 922	4.0	114 428	5.2
Larimer	–	–	–	–	–	–	90	2.8	11 849	3.0	403 881	3.2
Las Animas	8	8.8	715	5.1	49 729	2.2	23	5.7	3 682	1.8	63 782	2.2
Lincoln	27	3.5	5 414	4.5	118 899	3.4	206	1.2	150 601	.5	4 716 272	.5
Logan	6	5.2	741	4.0	16 944	1.4	406	1.2	110 159	1.0	2 671 966	1.1
Mesa	4	11.7	145	14.5	7 450	10.1	31	5.0	1 941	6.3	134 187	8.0
Mineral	–	–	–	–	–	–	–	–	–	–	–	–
Moffat	–	–	–	–	–	–	51	2.9	24 349	1.9	665 639	2.2
Montezuma	–	–	–	–	–	–	57	4.5	8 370	5.3	193 525	4.8
Montrose	–	–	–	–	–	–	50	4.1	2 689	5.8	156 585	5.9
Morgan	11	7.2	437	9.7	20 880	12.1	198	1.7	62 944	1.0	2 247 742	.9
Otero	14	6.3	311	4.6	18 914	6.3	77	2.8	3 660	2.5	211 179	2.3
Ouray	–	–	–	–	–	–	–	–	–	–	–	–
Park	–	–	–	–	–	–	–	–	–	–	–	–
Phillips	5	9.2	515	6.6	14 865	6.8	288	.9	125 044	.8	3 843 585	.8
Pitkin	–	–	–	–	–	–	2	19.1	(D)	(D)	(D)	(D)
Prowers	167	2.0	19 733	1.4	1 007 203	1.8	235	1.5	113 095	.6	2 865 355	.6
Pueblo	4	13.2	804	10.4	(D)	(D)	24	5.4	1 706	5.5	34 089	5.2
Rio Blanco	–	–	–	–	–	–	9	5.0	2 886	2.7	84 130	3.2
Rio Grande	1	26.0	(D)	(D)	(D)	(D)	52	2.4	8 233	2.0	653 002	1.8
Routt	–	–	–	–	–	–	31	5.1	7 760	4.9	248 683	6.6
Saguache	–	–	–	–	–	–	48	3.0	17 794	2.1	1 390 681	2.2
San Juan	–	–	–	–	–	–	–	–	–	–	–	–
San Miguel	–	–	–	–	–	–	5	–	1 091	–	22 941	–
Sedgwick	2	21.7	(D)	(D)	(D)	(D)	154	1.5	57 154	1.4	1 485 496	1.4
Summit	2	18.6	(D)	(D)	(D)	(D)	–	–	–	–	–	–

See footnotes at end of table.

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TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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.											
	Sorghum for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Teller	–	–	–	–	–	–	–	–	–	–	–	–
Washington	8	7.0	784	1.9	31 084	1.7	490	.9	247 819	.5	7 380 704	.5
Weld	18	3.7	2 670	2.2	158 621	1.8	549	1.1	159 269	.8	4 382 063	.9
Yuma	11	8.8	1 419	6.3	83 048	6.5	440	1.1	144 484	1.1	4 098 054	1.0

Geographic area	Selected crops harvested —Con.											
	Barley for grain						Dry edible beans, including dry limas					
	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)	Hundredweight	Relative standard error of estimate (percent)
Colorado	**1 053**	**.9**	**115 321**	**.7**	**8 934 199**	**.7**	**1 533**	**.9**	**150 824**	**.7**	**2 509 515**	**.6**
Adams	40	4.4	2 317	3.9	105 288	4.4	12	9.6	568	8.7	11 847	8.0
Alamosa	65	2.7	13 872	2.5	1 234 621	2.8	–	–	–	–	–	–
Arapahoe	3	10.9	108	7.6	4 150	7.9	1	35.4	(D)	(D)	(D)	(D)
Archuleta	2	34.5	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Baca	11	7.8	1 221	4.3	31 149	2.6	–	–	–	–	–	–
Bent	5	9.3	173	8.6	8 520	10.5	–	–	–	–	–	–
Boulder	38	4.7	2 343	5.8	177 512	6.0	26	5.5	2 077	5.7	47 183	7.0
Chaffee	–	–	–	–	–	–	–	–	–	–	–	–
Cheyenne	2	–	(D)	(D)	(D)	(D)	3	–	462	–	9 486	–
Clear Creek	–	–	–	–	–	–	–	–	–	–	–	–
Conejos	57	3.2	9 427	2.8	753 656	2.3	–	–	–	–	–	–
Costilla	18	5.9	5 171	1.8	425 630	1.8	1	48.1	(D)	(D)	(D)	(D)
Crowley	–	–	–	–	–	–	–	–	–	–	–	–
Custer	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Delta	18	6.6	426	5.6	30 301	4.6	35	4.0	2 549	2.7	51 870	2.6
Denver	–	–	–	–	–	–	–	–	–	–	–	–
Dolores	–	–	–	–	–	–	60	3.4	18 672	2.8	100 725	2.9
Douglas	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Eagle	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Elbert	8	4.0	416	.8	13 235	.5	3	15.9	(D)	(D)	(D)	(D)
El Paso	1	–	(D)	(D)	(D)	(D)	2	24.9	(D)	(D)	(D)	(D)
Fremont	–	–	–	–	–	–	–	–	–	–	–	–
Garfield	33	4.9	630	6.5	36 080	6.4	–	–	–	–	–	–
Gilpin	–	–	–	–	–	–	–	–	–	–	–	–
Grand	–	–	–	–	–	–	–	–	–	–	–	–
Gunnison	–	–	–	–	–	–	–	–	–	–	–	–
Hinsdale	–	–	–	–	–	–	–	–	–	–	–	–
Huerfano	–	–	–	–	–	–	–	–	–	–	–	–
Jackson	–	–	–	–	–	–	–	–	–	–	–	–
Jefferson	–	–	–	–	–	–	–	–	–	–	–	–
Kiowa	3	–	272	–	10 790	–	–	–	–	–	–	–
Kit Carson	9	6.5	574	3.9	29 196	1.6	84	2.2	15 389	1.2	289 763	1.4
Lake	–	–	–	–	–	–	–	–	–	–	–	–
La Plata	4	16.5	211	22.0	10 520	26.0	7	7.8	2 346	1.2	17 831	.7
Larimer	97	2.9	5 324	3.3	435 699	3.6	80	3.0	4 428	2.5	93 692	2.8
Las Animas	7	12.3	131	10.4	6 836	8.9	–	–	–	–	–	–
Lincoln	1	–	(D)	(D)	(D)	(D)	8	8.8	874	13.8	12 972	18.5
Logan	10	7.0	888	5.4	32 275	4.2	91	2.8	7 334	2.2	147 904	2.1
Mesa	46	4.0	1 214	5.1	118 809	5.8	22	5.4	945	6.2	17 018	6.1
Mineral	–	–	–	–	–	–	–	–	–	–	–	–
Moffat	9	5.7	423	3.1	16 615	2.5	–	–	–	–	–	–
Montezuma	9	10.7	705	16.1	42 697	24.1	37	5.3	7 236	4.7	62 797	4.8
Montrose	30	4.9	884	7.8	64 313	7.9	127	2.5	8 726	2.4	175 405	2.3
Morgan	22	4.7	2 335	2.8	109 953	2.8	148	2.1	7 938	1.8	161 210	1.7
Otero	5	9.8	335	7.0	14 104	10.1	33	4.3	1 078	3.8	18 414	4.0
Ouray	–	–	–	–	–	–	–	–	–	–	–	–
Park	–	–	–	–	–	–	–	–	–	–	–	–
Phillips	7	6.6	282	5.2	13 490	3.9	51	2.8	7 959	2.6	125 930	2.5
Pitkin	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Prowers	24	4.7	1 909	2.9	76 566	3.2	3	16.1	160	6.0	1 478	11.7
Pueblo	3	14.9	18	13.3	234	16.8	54	3.4	3 538	3.1	45 062	2.6
Rio Blanco	6	7.5	337	2.9	15 650	4.6	–	–	–	–	–	–
Rio Grande	94	1.7	21 084	1.1	1 939 823	1.2	–	–	–	–	–	–
Routt	15	8.2	1 475	5.9	62 572	6.6	–	–	–	–	–	–
Saguache	66	2.1	19 542	1.1	1 730 129	1.1	1	–	(D)	(D)	(D)	(D)
San Juan	–	–	–	–	–	–	–	–	–	–	–	–
San Miguel	–	–	–	–	–	–	4	11.2	986	(L)	7 005	.1
Sedgwick	6	11.4	498	4.3	20 544	4.1	47	3.5	5 751	2.5	82 614	2.0
Summit	–	–	–	–	–	–	–	–	–	–	–	–
Teller	–	–	–	–	–	–	–	–	–	–	–	–
Washington	11	7.3	413	6.1	6 820	9.2	38	3.3	4 383	2.3	70 760	2.2
Weld	259	1.6	19 570	1.2	1 317 605	1.4	440	1.3	30 270	1.1	621 562	1.1
Yuma	5	10.8	313	10.3	18 068	8.7	115	1.6	16 893	1.0	332 707	.8

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.					
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Colorado	**13 160**	**.8**	**1 449 177**	**.6**	**3 464 389**	**.6**
Adams	217	2.0	14 164	2.9	36 349	2.9
Alamosa	191	1.5	33 033	1.7	79 859	1.8
Arapahoe	66	3.0	4 904	2.7	8 694	3.5
Archuleta	94	3.0	7 171	4.0	14 860	5.2
Baca	115	2.5	11 672	1.8	24 894	2.3
Bent	155	1.9	33 551	1.6	132 135	1.6
Boulder	417	1.4	21 764	1.9	56 896	2.4
Chaffee	103	1.8	9 889	2.8	18 654	2.7
Cheyenne	74	1.7	8 328	1.4	15 999	2.9
Clear Creek	6	12.1	240	11.3	92	11.4
Conejos	373	1.6	78 092	1.5	159 173	1.4
Costilla	149	1.7	15 859	2.4	40 814	2.3
Crowley	86	2.7	8 315	3.9	22 907	3.8
Custer	74	2.1	14 341	2.0	28 995	1.9
Delta	620	1.1	29 744	1.3	73 973	1.4
Denver	1	47.1	(D)	(D)	(D)	(D)
Dolores	60	3.5	9 536	3.5	22 838	4.5
Douglas	184	2.0	12 302	2.3	13 557	2.7
Eagle	82	2.6	14 692	2.1	23 274	1.9
Elbert	331	1.3	39 683	1.2	54 401	1.6
El Paso	200	2.0	22 909	1.9	34 832	1.7
Fremont	268	1.5	9 300	1.9	18 318	2.2
Garfield	314	1.3	33 529	1.5	71 518	1.6
Gilpin	1	–	(D)	(D)	(D)	(D)
Grand	87	2.5	30 132	1.5	37 831	1.4
Gunnison	121	1.7	32 638	1.4	42 752	1.7
Hinsdale	11	6.3	1 192	7.3	1 508	5.5
Huerfano	125	2.3	14 549	3.4	31 420	5.0
Jackson	94	1.5	79 863	.7	98 419	.9
Jefferson	118	2.9	4 228	4.7	5 134	5.6
Kiowa	46	2.9	5 884	2.2	9 889	2.0
Kit Carson	200	1.6	17 756	1.6	48 167	1.6
Lake	11	5.6	704	10.4	354	8.6
La Plata	482	1.3	35 875	1.7	85 755	2.1
Larimer	631	1.1	35 327	1.4	87 825	1.5
Las Animas	198	2.0	29 157	1.3	51 471	2.1
Lincoln	160	1.3	26 499	1.4	30 603	1.2
Logan	447	1.2	47 836	1.3	146 651	1.4
Mesa	711	1.2	36 469	1.2	109 029	1.3
Mineral	4	–	(D)	(D)	209	–
Moffat	211	1.6	27 690	1.1	44 483	1.0
Montezuma	416	1.5	43 529	2.9	113 008	3.1
Montrose	535	1.2	33 947	1.5	93 263	1.5
Morgan	343	1.4	26 660	1.2	100 579	1.4
Otero	303	1.4	26 289	1.7	94 241	1.9
Ouray	57	2.2	11 158	1.9	16 522	2.0
Park	66	2.5	10 733	1.6	12 742	1.6
Phillips	71	2.3	4 820	1.3	16 969	1.1
Pitkin	50	2.9	5 233	3.4	10 109	3.3
Prowers	274	1.6	67 611	1.5	259 867	1.4
Pueblo	281	1.6	15 466	1.7	47 027	2.0
Rio Blanco	153	1.7	23 552	1.9	49 499	1.6
Rio Grande	202	1.4	32 960	1.7	84 548	1.6
Routt	300	1.4	42 357	1.3	69 140	1.4
Saguache	145	1.6	51 634	1.4	88 221	1.7
San Juan	1	–	(D)	(D)	(D)	(D)
San Miguel	54	2.8	8 044	3.3	14 851	3.3
Sedgwick	81	2.5	7 027	2.7	20 352	2.9
Summit	14	2.7	3 310	.2	4 797	.2
Teller	26	5.3	2 256	8.9	2 173	4.5
Washington	266	1.3	26 380	1.0	55 036	1.0
Weld	1 434	.8	119 832	.9	437 518	1.0
Yuma	250	1.4	25 903	1.0	88 997	1.1

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

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TSF:TIPS92-07390527.DAT;1 5/25/94 07:39:13 UTF:TIPS93-07390527.DAT;1 5/25/94 07:39:13 META:VOL1_TIPS96_APX_84.DAT;4 5/25/94 07:40:19

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

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

Item	Census published farms		Not on mail list [1]		Percent not on mail list [1]	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
Farms ---- number	27 152	.8	3 016	24.8	10.0	2.4
Land in farms ---- acres	33 983 029	.2	343 442	34.5	1.0	.4
Average size of farm ---- acres	1 251.6	.8	113.9	29.0	(X)	(X)
Farms by size:						
Less than 10 acres	2 424	1.4	364	62.0	13.1	7.1
10 to 49 acres	4 867	1.3	1 194	39.5	19.7	6.4
Less than 50 acres	7 291	1.2	1 558	33.2	17.6	5.0
50 acres or more	19 861	.7	1 458	34.4	6.8	2.3
50 to 99 acres	2 459	1.2	457	50.2	15.7	6.8
100 to 179 acres	2 912	1.1	301	48.1	9.4	4.1
180 acres or more	14 490	.7	700	49.8	4.6	2.2
Harvested cropland ---- farms	18 573	.7	1 421	35.3	7.1	2.4
acres	5 532 964	.4	65 002	45.3	1.2	.5
Farms by value of sales:						
Less than $1,000	3 689	1.5	562	53.6	13.2	6.1
$1,000 to $2,499	2 676	1.5	1 182	41.2	30.6	8.7
Less than $2,500	6 365	1.4	1 745	33.3	21.5	5.6
$2,500 or more	20 787	.7	1 272	33.2	5.8	1.8
$2,500 to $9,999	5 642	1.1	891	39.2	13.6	4.6
$10,000 or more	15 145	.7	380	49.9	2.4	1.2
Market value of agricultural products sold ---- $1,000	4 115 552	.1	15 650	36.7	.4	.2
Farms by standard industrial classification:						
Crops (01)	11 033	.8	1 316	38.0	10.7	3.8
Livestock (02)	16 119	.8	1 701	32.8	9.5	2.9
Farms by type of organization:						
Individual or family	22 359	.9	2 797	26.1	11.1	2.8
Partnership or corporation	4 539	.7	219	71.8	4.6	3.2
Other	254	1.9	–	(X)	–	(X)
Farms by tenure of operator:						
Full owners	14 707	1.0	2 447	26.1	14.3	3.4
Part owners and tenants	12 445	.7	570	43.8	4.4	1.9
Part owners	8 711	.6	246	72.0	2.7	2.0
Tenants	3 734	1.0	324	55.4	8.0	4.1
Operators by place of residence:						
On farm operated	19 874	.8	2 364	27.4	10.6	2.8
Not on farm operated	5 759	1.0	652	41.3	10.2	3.9
Not reported	1 519	1.0	(L)	(H)	(L)	(L)
Operators by principal occupation:						
Farming	16 181	.7	739	39.2	4.4	1.7
Other	10 971	1.1	2 021	28.1	15.6	3.9
Operators by sex:						
Male	24 654	.8	2 741	24.4	10.0	2.3
Female	2 498	1.2	275	75.5	9.9	7.0
Operators by race:						
White	26 526	.8	2 636	26.4	9.0	2.3
Black and other races	626	1.7	125	80.3	16.6	11.1
Operators by years on present farm:						
4 years or less	3 985	1.3	753	38.4	15.9	5.1
5 years or more	19 413	.7	2 008	31.6	9.4	2.9
Average years on present farm	18.1	1.1	8.9	33.7	(X)	(X)
Not reported	3 754	1.0	256	(H)	6.4	6.1
Average age of operator	52.9	1.1	46.9	27.3	(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.

TIPS [UPF] BATCH_1167 [ACEN,C_ARLEDGE] 5/31/94 10:57 AM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_84.TIPS;1 * 5/25/94 07:38:00 TAPE: NOreel FRAME: 22
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