

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	13.0
Land in farms.....	3.2
Estimated market value of land and buildings ¹	3.0
Market value of agricultural products sold	1.6
Harvested cropland	3.4
Corn for grain or seed	2.6
Wheat for grain	2.3
Livestock and poultry inventory:	
Cattle and calves	2.2
Hogs and pigs	2.5
Hens and pullets of laying age.....	-

¹Data 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	3.9
75	3.0
100	2.4
150	1.6
200	1.1
300 .....	.9
500 .....	.7
750 .....	.6
1,000 .....	.5
1,500 .....	.4
2,000 .....	.3
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	39.4
50	27.7
75	22.5
100	19.4
150	15.6
200	13.4
300	10.7
500	7.9
750	6.0
1,000	4.8
1,500	3.2
2,000	1.9

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

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

Table E presents the percent standard error for percent change in State totals from 1987 to 1992. The general

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

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

CENSUS NONSAMPLING ERROR

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

Census Coverage

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

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

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

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

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

Mail List Coverage

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

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

coverage. Estimates of farms not on the census mail list are computed using a capture-recapture dual frame estimator which will be described in the Coverage Evaluation report mentioned earlier.

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

Respondent and Enumerator Error

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

Item Nonresponse

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

Processing Error

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

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

Classification Error

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

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

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

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

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

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

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

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

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

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

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

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

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			FARM PRODUCTION EXPENSES¹		
Farms ----- number ..	77 669	.9	Total farm production expenses ----- farms ..	77 663	1.0
Land in farms ----- acres ..	28 978 997	.2	----- \$1,000 ..	13 804 983	.2
Average size of farm ----- acres ..	373	.9	Average per farm ----- dollars ..	177 755	1.0
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			Livestock and poultry purchased ----- farms ..		
Total sales (see text) ----- farms ..	77 669	.9	----- \$1,000 ..	13 769	1.7
Average per farm ----- dollars ..	219 546	.9	----- farms ..	935 152	.4
Farms by value of sales:			Feed for livestock and poultry ----- farms ..	25 147	1.3
Less than \$1,000 (see text) ----- farms ..	15 058	1.1	----- \$1,000 ..	2 108 719	.2
\$1,000 to \$2,499 ----- farms ..	2 689	1.3	Commercially mixed formula feeds ----- farms ..	10 552	1.9
\$2,500 to \$4,999 ----- farms ..	7 634	1.2	----- \$1,000 ..	1 137 098	.2
\$5,000 to \$9,999 ----- farms ..	12 534	1.2	Seeds, bulbs, plants, and trees ----- farms ..	18 581	1.5
\$10,000 to \$19,999 ----- farms ..	7 160	1.1	----- \$1,000 ..	274 495	.3
\$20,000 to \$24,999 ----- farms ..	25 377	1.1	Commercial fertilizer ----- farms ..	42 602	1.1
\$25,000 to \$39,999 ----- farms ..	7 417	1.1	Agricultural chemicals ----- farms ..	568 772	.4
\$40,000 to \$49,999 ----- farms ..	52 445	1.1	Petroleum products ----- farms ..	45 721	1.1
\$50,000 to \$99,999 ----- farms ..	6 962	1.2	----- \$1,000 ..	694 549	.4
\$100,000 to \$249,999 ----- farms ..	98 773	1.2	Electricity ----- farms ..	66 759	1.0
\$250,000 to \$499,999 ----- farms ..	2 362	1.4	Hired farm labor ----- farms ..	414 984	.4
\$500,000 or more ----- farms ..	51 963	1.4	Contract labor ----- farms ..	18 581	1.5
Sales by commodity or commodity group:			Repair and maintenance ----- farms ..	274 495	.3
Crops, including nursery and greenhouse crops ----- farms ..	47 374	.9	Customwork, machine hire, and rental of machinery and equipment ----- farms ..	42 602	1.1
Grains ----- farms ..	11 747 474	.2	Interest expense ----- farms ..	568 772	.4
Corn for grain ----- farms ..	5 291	.9	Secured by real estate ----- farms ..	45 721	1.1
Wheat ----- farms ..	595 526	.5	Not secured by real estate ----- farms ..	694 549	.4
Soybeans ----- farms ..	675	.9	Cash rent ----- farms ..	66 759	1.0
Sorghum for grain ----- farms ..	64 502	.4	Property taxes ----- farms ..	414 984	.4
Barley ----- farms ..	2 220	.6	All other farm production expenses ----- farms ..	14 392	1.5
Oats ----- farms ..	133 704	.3	----- \$1,000 ..	492 662	.5
Other grains ----- farms ..	2	24.0	----- \$1,000 ..	69 894	1.0
Cotton and cottonseed ----- farms ..	(D)	(D)	----- \$1,000 ..	291 385	.7
Tobacco ----- farms ..	47	2.7	----- \$1,000 ..	71 882	1.0
Hay, silage, and field seeds ----- farms ..	(D)	(D)	----- \$1,000 ..	1 815 826	.3
Vegetables, sweet corn, and melons ----- farms ..	809	1.0	NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
Fruits, nuts, and berries ----- farms ..	27 618	1.6	All farms ----- number ..	77 663	1.0
Nursery and greenhouse crops ----- farms ..	324	1.6	Average per farm ----- dollars ..	3 179 111	.4
Other crops ----- farms ..	3 705	1.0	Farms with net gains ² ----- number ..	36 612	1.1
Livestock, poultry, and their products ----- farms ..	2 957	1.1	Average net gain ----- dollars ..	3 555 458	.3
Poultry and poultry products ----- farms ..	364 875	.7	Farms with net losses ----- number ..	97 112	1.2
Dairy products ----- farms ..	2 350	.5	Average net loss ----- dollars ..	41 051	1.2
Cattle and calves ----- farms ..	986 353	.1	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Hogs and pigs ----- farms ..	6 274	.8	Government payments ----- farms ..	6 992	.8
Sheep, lambs, and wool ----- farms ..	515 480	.3	Other farm-related income ¹ ----- farms ..	174 196	.5
Other livestock and livestock products (see text) ----- farms ..	3 713	.8	Customwork and other agricultural services ----- farms ..	13 197	1.9
Value of agricultural products sold directly to individuals for human consumption (see text) ----- farms ..	2 674 985	(L)	Gross cash rent or share payments ----- farms ..	242 310	2.2
	33 984	.9	Forest products and Christmas trees ----- farms ..	4 655	2.9
	4 989 913	.3	Other farm-related income sources ----- farms ..	99 504	3.3
			----- \$1,000 ..	5 382	3.0
			----- \$1,000 ..	103 609	3.5
			----- \$1,000 ..	1 049	7.0
			----- \$1,000 ..	9 077	20.0
			----- \$1,000 ..	3 854	3.2
			----- \$1,000 ..	30 121	3.3
			COMMODITY CREDIT CORPORATION LOANS		
			Total ----- farms ..	1 632	1.2
			----- \$1,000 ..	175 676	.6

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			TENURE OF OPERATOR		
Total cropland ----- farms ..	64 417	.9	All operators ----- farms ..	77 669	.9
Harvested cropland ----- farms ..	10 479 268	.4	Full owners ----- farms ..	28 978 997	.2
1 to 9 acres ----- farms ..	56 785	.9	Part owners ----- farms ..	56 559	.9
10 to 19 acres ----- farms ..	7 760 773	.3	Tenants ----- farms ..	9 378 173	.4
20 to 29 acres ----- farms ..	20 702	1.0	Tenants ----- farms ..	11 471	.7
30 to 49 acres ----- farms ..	73 512	1.0	Tenants ----- farms ..	13 832 035	.2
50 to 99 acres ----- farms ..	7 996	1.2	Tenants ----- farms ..	9 639	1.0
100 to 199 acres ----- farms ..	110 543	1.2	Tenants ----- farms ..	5 768 789	.3
200 to 499 acres ----- farms ..	4 531	1.3	OWNED AND RENTED LAND		
500 to 999 acres ----- farms ..	103 000	1.3	Land owned ----- farms ..	68 332	.9
1,000 acres or more ----- farms ..	5 641	1.3	Owned land in farms ----- farms ..	16 701 349	.4
1,000 acres or more ----- farms ..	211 047	1.3	Land rented or leased from others ----- farms ..	68 030	.9
1,000 acres or more ----- farms ..	5 683	1.1	Land rented or leased from others ----- farms ..	14 498 892	.3
1,000 acres or more ----- farms ..	392 841	1.1	Rented or leased land in farms ----- farms ..	21 259	.8
1,000 acres or more ----- farms ..	4 539	.9	Rented or leased land in farms ----- farms ..	14 934 835	.2
1,000 acres or more ----- farms ..	630 834	.9	Rented or leased land in farms ----- farms ..	48 263	.6
1,000 acres or more ----- farms ..	4 173	.6	Rented or leased land in farms ----- farms ..	21 110	.8
1,000 acres or more ----- farms ..	1 294 054	.6	Rented or leased land in farms ----- farms ..	14 480 105	.2
1,000 acres or more ----- farms ..	2 005	.2	Rented or leased to others ----- farms ..	6 643	.9
1,000 acres or more ----- farms ..	1 385 690	.2	Rented or leased to others ----- farms ..	2 657 187	.9
1,000 acres or more ----- farms ..	1 515	—	OPERATOR CHARACTERISTICS		
1,000 acres or more ----- farms ..	3 559 252	—	Operators by place of residence:		
Cropland:			On farm operated ----- farms ..	51 485	.9
Pasture or grazing only ----- farms ..	11 743	.9	Not on farm operated ----- farms ..	22 096	1.0
Other cropland ----- farms ..	1 226 708	.8	Not reported ----- farms ..	4 088	.9
1 to 9 acres ----- farms ..	13 495	.8	Operators by principal occupation:		
10 to 19 acres ----- farms ..	1 491 787	.5	Farming ----- farms ..	40 215	.8
20 to 29 acres ----- farms ..	4 656	1.0	Other ----- farms ..	37 454	1.0
30 to 49 acres ----- farms ..	1 150 247	.5	Operators by days worked off farm:		
50 to 99 acres ----- farms ..	12 852	.8	Any ----- farms ..	41 278	1.0
100 to 199 acres ----- farms ..	16 191 472	.2	200 days or more ----- farms ..	26 681	1.0
200 to 499 acres ----- farms ..	38 534	.9	Operators by sex:		
500 to 999 acres ----- farms ..	1 158 010	.4	Male ----- farms ..	68 016	.8
1,000 acres or more ----- farms ..	56 546	.9	Female ----- farms ..	27 118 765	.2
1,000 acres or more ----- farms ..	7 571 313	.3	Female ----- farms ..	9 653	1.0
1,000 acres or more ----- farms ..	20 780	1.0	Female ----- farms ..	1 860 232	.5
1,000 acres or more ----- farms ..	75 664	1.0	Average age of operator ----- years ..	55.2	1.2
1,000 acres or more ----- farms ..	18 137	1.2	FARMS BY TYPE OF ORGANIZATION		
1,000 acres or more ----- farms ..	419 808	1.2	Individual or family (sole proprietorship) ----- farms ..	60 187	.9
1,000 acres or more ----- farms ..	5 546	1.1	Partnership ----- farms ..	14 646 188	.4
1,000 acres or more ----- farms ..	383 918	1.1	Partnership ----- farms ..	11 350	.8
1,000 acres or more ----- farms ..	4 514	.9	Partnership ----- farms ..	8 162 302	.2
1,000 acres or more ----- farms ..	626 169	.9	Corporation:		
1,000 acres or more ----- farms ..	4 142	.6	Family held ----- farms ..	4 220	.6
1,000 acres or more ----- farms ..	1 281 558	.5	More than 10 stockholders ----- farms ..	4 463 518	.1
1,000 acres or more ----- farms ..	1 974	.2	10 or less stockholders ----- farms ..	204	1.0
1,000 acres or more ----- farms ..	1 365 645	.2	Other than family held ----- farms ..	847	1.0
1,000 acres or more ----- farms ..	1 453	.1	More than 10 stockholders ----- farms ..	815 336	.3
1,000 acres or more ----- farms ..	3 418 551	(L)	10 or less stockholders ----- farms ..	141	1.6
Harvested cropland irrigated ----- farms ..	50 686	.9	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	1 065	1.3
Pasture and other land irrigated ----- farms ..	7 026 146	.3	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	891 653	.3
1 to 9 acres ----- farms ..	8 847	.9	HIRED FARM LABOR		
10 to 19 acres ----- farms ..	545 167	.5	Hired workers by days worked:		
Land under federal acreage reduction programs:			150 days or more ----- farms ..	21 207	1.2
Diverted under annual commodity programs ----- farms ..	2 604	.6	Less than 150 days ----- farms ..	182 287	.4
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	91 691	.2	Less than 150 days ----- farms ..	33 237	1.2
1 to 9 acres ----- farms ..	618	1.3	Less than 150 days ----- farms ..	495 607	.8
10 to 19 acres ----- farms ..	198 981	1.0	INJURIES AND DEATHS		
20 to 29 acres ----- farms ..	77 245	1.0	Farm-related injuries:		
30 to 49 acres ----- farms ..	4 363 190	.6	Operator and family members ----- farms ..	530	1.1
50 to 99 acres ----- farms ..	56 485	1.1	Operator and family members ----- farms ..	705	.9
100 to 199 acres ----- farms ..	77 663	1.0	Hired workers ----- farms ..	3 436	.4
200 to 499 acres ----- farms ..	63 688 517	.7	Hired workers ----- farms ..	11 568	.1
500 to 999 acres ----- farms ..	820 063	1.2	Farm-related deaths:		
1,000 acres or more ----- farms ..	2 213	1.0	Operator and family members ----- farms ..	15	6.1
1,000 acres or more ----- farms ..	820 063	1.2	Operator and family members ----- farms ..	15	6.1
1,000 acres or more ----- farms ..	2 213	1.0	Hired workers ----- farms ..	17	—
1,000 acres or more ----- farms ..	2 213	1.0	Hired workers ----- farms ..	23	—
1,000 acres or more ----- farms ..	2 213	1.0	Hired workers ----- farms ..	23	—

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS BY SIZE			LIVESTOCK—Con.		
1 to 9 acres ----- farms ..	21 485	1.1	Cattle and calves sold ----- farms ..	17 205	.8
----- acres ..	82 740	1.0	----- number..	2 993 538	.1
10 to 49 acres ----- farms ..	26 089	1.0	----- \$1,000..	1 580 381	.1
----- acres ..	610 793	1.0	Hogs and pigs inventory ----- farms ..	2 221	1.2
50 to 69 acres ----- farms ..	4 000	1.1	----- number..	258 130	.4
----- acres ..	230 212	1.1	Hogs and pigs sold ----- farms ..	1 761	1.2
70 to 99 acres ----- farms ..	3 934	1.1	----- number..	481 270	.4
----- acres ..	320 736	1.1	----- \$1,000..	49 214	.5
100 to 139 acres ----- farms ..	3 352	1.0	Sheep and lambs of all ages inventory ----- farms ..	3 692	1.0
----- acres ..	385 942	1.0	----- number..	859 835	.2
140 to 179 acres ----- farms ..	2 597	.9	Sheep and lambs sold ----- farms ..	3 095	1.0
----- acres ..	407 823	.9	----- number..	674 278	.2
180 to 219 acres ----- farms ..	1 799	1.0	Horses and ponies inventory ----- farms ..	14 972	1.0
----- acres ..	356 360	1.0	----- number..	124 919	1.1
220 to 259 acres ----- farms ..	1 259	1.0	Horses and ponies sold ----- farms ..	4 171	1.1
----- acres ..	298 740	1.0	----- number..	14 225	1.4
260 to 499 acres ----- farms ..	4 454	.8	POULTRY		
----- acres ..	1 602 297	.8	Chickens 3 months old or older inventory ----- farms ..	3 592	1.1
500 to 999 acres ----- farms ..	3 702	.7	----- number..	33 253 782	.1
----- acres ..	2 594 539	.6	Hens and pullets of laying age ----- farms ..	3 544	1.1
1,000 to 1,999 acres ----- farms ..	2 411	.7	----- number..	31 231 488	(L)
----- acres ..	3 320 414	.7	Broilers and other meat-type chickens sold ----- farms ..	298	1.7
2,000 acres or more ----- farms ..	2 587	—	----- number..	225 074 862	.1
----- acres ..	18 768 401	—	CROPS HARVESTED		
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			Corn for grain or seed ----- farms ..	731	.9
Cash grains (011) ----- farms ..	2 462	1.4	----- acres..	148 616	.5
----- acres ..	1 559 195	.7	----- bushels..	23 818 559	.5
Field crops, except cash grains (013) ----- farms ..	4 613	.9	Corn for silage or green chop ----- farms ..	1 717	.5
----- acres ..	2 785 236	.3	----- acres..	218 113	.3
Vegetables and melons (016) ----- farms ..	2 534	.9	----- tons, green ..	4 956 718	.2
----- acres ..	1 379 469	.1	Wheat for grain ----- farms ..	2 236	.6
Fruits and tree nuts (017) ----- farms ..	37 225	.9	----- acres..	569 044	.3
----- acres ..	3 524 607	.4	Barley for grain ----- farms ..	39 456 581	.3
Horticultural specialties (018) ----- farms ..	3 319	1.0	----- acres..	933	1.0
----- acres ..	178 692	.6	Rice ----- farms ..	204 119	.5
General farms, primarily crop (019) ----- farms ..	868	.9	----- bushels..	12 183 472	.5
----- acres ..	1 011 795	.2	Cotton ----- farms ..	1 575	1.6
Livestock, except dairy, poultry, and animal specialties (021) ----- farms ..	15 853	.9	----- acres..	401 194	1.0
----- acres ..	16 465 533	.2	Dry edible beans, excluding dry limas ----- farms ..	31 865 036	1.0
Dairy farms (024) ----- farms ..	2 373	.3	----- cwt..	2 351	.5
----- acres ..	838 615	.1	Cotton ----- farms ..	1 066 060	.1
Poultry and eggs (025) ----- farms ..	1 059	1.0	----- acres..	2 792 443	.1
----- acres ..	78 095	1.7	Irish potatoes ----- farms ..	690	1.0
Animal specialties (027) ----- farms ..	6 905	1.2	----- cwt..	79 735	.6
----- acres ..	454 628	1.0	Sugar beets for sugar ----- farms ..	1 547 626	.6
General farms, primarily livestock and animal specialties (029) ----- farms ..	458	1.8	----- cwt..	265	1.3
----- acres ..	703 132	.6	----- tons..	46 461	.2
LIVESTOCK			Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms ..	9 286	.7
Cattle and calves inventory ----- farms ..	19 097	.8	----- acres..	1 531 230	.4
----- number..	4 702 114	.2	----- tons, dry ..	7 567 342	.3
Beef cows ----- farms ..	13 105	.8	Alfalfa hay ----- farms ..	4 879	.7
----- number..	862 971	.4	----- acres..	939 097	.3
Milk cows ----- farms ..	3 124	.4	Vegetables harvested for sale (see text) ----- farms ..	5 879 133	.3
----- number..	1 249 038	(L)	----- acres..	3 713	.8
			Land in orchards ----- farms ..	1 016 744	.1
			----- acres..	40 298	.9
				2 245 781	.4

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

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)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			FARM PRODUCTION EXPENSES¹		
Farms number ..	40 400	.9	Total farm production expenses farms ..	40 412	1.0
Land in farms acres ..	25 806 758	.2	..... \$1,000 ..	13 549 310	.2
Average size of farm acres ..	639	.9	Average per farm dollars ..	335 279	1.0
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
Total sales (see text) farms ..	40 400	.9	All farms number ..	40 412	1.0
..... \$1,000 ..	16 958 868	.1	..... \$1,000 ..	3 341 519	.4
Average per farm dollars ..	419 774	.9	Average per farm dollars ..	82 686	1.1
Farms by value of sales:			Farms with net gains ² number ..	30 313	1.1
\$10,000 to \$19,999 farms ..	6 962	1.2	..... \$1,000 ..	3 544 212	.3
..... \$1,000 ..	98 773	1.2	Average net gain dollars ..	116 921	1.2
\$20,000 to \$24,999 farms ..	2 362	1.4	Farms with net losses number ..	10 099	2.1
..... \$1,000 ..	51 963	1.4	..... \$1,000 ..	202 694	1.7
\$25,000 to \$39,999 farms ..	4 724	1.4	Average net loss dollars ..	20 071	2.7
..... \$1,000 ..	147 996	1.4	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
\$40,000 to \$49,999 farms ..	2 175	1.5	Government payments farms ..	5 974	.8
..... \$1,000 ..	96 056	1.5	..... \$1,000 ..	169 926	.4
\$50,000 to \$99,999 farms ..	6 360	1.4	Other farm-related income ¹ farms ..	8 196	2.1
..... \$1,000 ..	451 127	1.4	..... \$1,000 ..	218 184	2.2
\$100,000 to \$249,999 farms ..	7 170	1.1	Customwork and other agricultural services farms ..	3 169	3.1
..... \$1,000 ..	1 137 783	1.1	..... \$1,000 ..	96 209	3.4
\$250,000 to \$499,999 farms ..	3 973	1.1	Gross cash rent or share payments farms ..	3 010	3.4
..... \$1,000 ..	1 402 752	1.1	..... \$1,000 ..	87 537	3.5
\$500,000 or more farms ..	6 674	1.1	Forest products and Christmas trees farms ..	436	9.9
..... \$1,000 ..	13 572 418	1.1	..... \$1,000 ..	6 711	26.4
Sales by commodity or commodity group:			Other farm-related income sources farms ..	2 918	3.4
Crops, including nursery and greenhouse crops farms ..	32 321	1.0	..... \$1,000 ..	27 726	3.4
..... \$1,000 ..	11 697 619	.2	COMMODITY CREDIT CORPORATION LOANS		
Grains farms ..	4 859	.9	Total farms ..	1 566	1.2
..... \$1,000 ..	593 890	.5	..... \$1,000 ..	175 314	.6
Corn for grain farms ..	660	.9			
..... \$1,000 ..	64 472	.4			
Wheat farms ..	2 081	.6			
..... \$1,000 ..	133 156	.3			
Soybeans farms ..	2	24.0			
..... \$1,000 ..	(D)	(D)			
Sorghum for grain farms ..	47	2.7			
..... (D) \$1,000 ..	(D)	(D)			
Barley farms ..	732	.9			
..... \$1,000 ..	27 378	.5			
Oats farms ..	256	1.5			
..... \$1,000 ..	3 522	1.0			
Other grains farms ..	2 811	1.1			
..... \$1,000 ..	364 238	.7			
Cotton and cottonseed farms ..	2 294	.5			
..... \$1,000 ..	986 100	.1			
Tobacco farms ..	-	-			
..... \$1,000 ..	-	-			
Hay, silage, and field seeds farms ..	4 663	.8			
..... \$1,000 ..	510 913	.3			
Vegetables, sweet corn, and melons farms ..	3 090	.7			
..... \$1,000 ..	2 673 082	(L)			
Fruits, nuts, and berries farms ..	22 031	1.0			
..... \$1,000 ..	4 952 140	.3			
Nursery and greenhouse crops farms ..	2 875	.9			
..... \$1,000 ..	1 658 223	.1			
Other crops farms ..	1 104	.7			
..... \$1,000 ..	323 272	.2			
Livestock, poultry, and their products farms ..	11 543	.7			
..... \$1,000 ..	5 261 249	.1			
Poultry and poultry products farms ..	889	.9			
..... \$1,000 ..	1 083 195	(L)			
Dairy products farms ..	2 434	.3			
..... \$1,000 ..	2 414 918	(L)			
Cattle and calves farms ..	8 958	.7			
..... \$1,000 ..	1 553 678	.1			
Hogs and pigs farms ..	576	1.5			
..... \$1,000 ..	47 353	.5			
Sheep, lambs, and wool farms ..	1 030	1.1			
..... \$1,000 ..	49 611	.2			
Other livestock and livestock products (see text) farms ..	2 061	1.2			
..... \$1,000 ..	112 494	.6			
Value of agricultural products sold directly to individuals for human consumption (see text) farms ..	1 689	1.1			
..... \$1,000 ..	31 667	.5			

See footnotes at end of table.

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)	Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			FARMS BY TYPE OF ORGANIZATION		
Total cropland ----- farms ..	36 163	.9	Individual or family (sole proprietorship) ----- farms ..	26 428	1.0
Harvested cropland ----- acres..	9 677 153	.3	Partnership ----- acres..	12 504 581	.3
Cropland:			farms ..	8 786	.8
Pasture or grazing only ----- farms ..	4 657	.9	acres..	7 502 652	.2
----- acres..	864 236	.7	Corporation:		
Total woodland ----- farms ..	1 830	1.0	Family held ----- farms ..	3 806	.5
----- acres..	841 085	.4	----- acres..	4 362 291	.1
Pastureland and rangeland other than cropland and woodland pastured ----- farms ..	5 844	.7	More than 10 stockholders ----- farms ..	191	.9
----- acres..	14 372 923	.1	10 or less stockholders ----- farms ..	3 615	.5
Land in house lots, ponds, roads, wasteland, etc. ----- farms ..	19 092	.9	Other than family held ----- farms ..	725	.9
----- acres..	915 597	.4	More than 10 stockholders ----- farms ..	784 250	.2
Irrigated land ----- farms ..	33 745	.9	10 or less stockholders ----- farms ..	128	1.4
----- acres..	7 317 288	.3	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	655	1.4
Harvested cropland irrigated ----- farms ..	32 112	.9	----- acres..	652 984	.3
Pasture and other land irrigated ----- farms ..	6 867 014	.3			
----- acres..	3 504	.5	HIRED FARM LABOR		
Land under federal acreage reduction programs:			Hired workers by days worked:		
Diverted under annual commodity programs ----- farms ..	2 548	.5	150 days or more ----- farms ..	17 982	1.1
----- acres..	91 177	.2	----- workers..	178 766	.4
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	448	1.2	Less than 150 days ----- farms ..	23 148	1.3
----- acres..	158 194	.5	----- workers..	470 331	.8
VALUE OF LAND AND BUILDINGS ¹			INJURIES AND DEATHS		
Estimated market value of land and buildings ----- farms ..	40 412	1.0	Farm-related injuries:		
----- \$1,000..	52 684 550	.7	Operator and family members ----- farms ..	361	1.0
Average per farm ----- dollars	1 303 686	1.2	----- number..	525	.8
Average per acre ----- dollars	2 054	1.0	Hired workers ----- farms ..	3 243	.4
			----- number..	11 339	.1
VALUE OF MACHINERY AND EQUIPMENT ¹			Farm-related deaths:		
Estimated market value of all machinery and equipment ----- farms ..	40 372	1.0	Operator and family members ----- farms ..	11	6.6
----- \$1,000..	3 885 871	.5	----- (D)	(D)	(D)
Average per farm ----- dollars	96 252	1.2	Hired workers ----- farms ..	17	—
			----- (D)	(D)	(D)
AGRICULTURAL CHEMICALS¹			FARMS BY SIZE		
Commercial fertilizer ----- farms ..	28 711	1.2	1 to 9 acres -----	3 895	1.2
----- acres on which used ..	6 337 310	.5	10 to 49 acres -----	13 161	1.2
			50 to 69 acres -----	2 711	1.2
TENURE OF OPERATOR			70 to 99 acres -----	2 809	1.2
All operators ----- farms ..	40 400	.9	100 to 139 acres -----	2 446	1.0
----- acres..	25 806 758	.2	140 to 179 acres -----	1 922	.9
Full owners ----- farms ..	24 621	1.0	180 to 219 acres -----	1 377	1.1
----- acres..	7 692 092	.3	220 to 259 acres -----	977	1.0
Part owners ----- farms ..	8 753	.6	260 to 499 acres -----	3 491	.8
----- acres..	12 775 635	.1	500 to 999 acres -----	3 106	.6
Tenants ----- farms ..	7 026	1.0	1,000 to 1,999 acres -----	2 096	.7
----- acres..	5 339 031	.2	2,000 acres or more -----	2 409	—
OWNED AND RENTED LAND			FARMS BY STANDARD INDUSTRIAL CLASSIFICATION		
Land owned ----- farms ..	33 599	.9	Cash grains (011) -----	2 107	1.5
----- acres..	14 267 229	.3	Field crops, except cash grains (013) -----	3 287	.9
Owned land in farms ----- farms ..	33 374	.9	Vegetables and melons (016) -----	2 081	.8
----- acres..	12 556 527	.3	Fruits and tree nuts (017) -----	20 311	1.0
Land rented or leased from others ----- farms ..	15 869	.8	Horticultural specialties (018) -----	2 490	1.0
----- acres..	13 657 303	.2	General farms, primarily crop (019) -----	567	.7
landlords -----	40 240	.2	Livestock, except dairy, poultry, and animal specialties (021) -----	5 498	.9
----- farms ..	15 779	.8	Dairy farms (024) -----	2 320	.3
----- acres..	13 250 231	.2	Poultry and eggs (025) -----	641	.8
Land rented or leased to others ----- farms ..	4 094	.8	Animal specialties (027) -----	1 055	1.5
----- acres..	2 117 774	.7	General farms, primarily livestock and animal specialties (029) -----	43	3.9
OPERATOR CHARACTERISTICS			LIVESTOCK		
Operators by place of residence:			Cattle and calves inventory ----- farms ..	9 022	.7
On farm operated -----	23 183	.9	----- number..	4 499 811	.1
Not on farm operated -----	15 119	1.0	Beef cows ----- farms ..	5 626	.8
Not reported -----	2 098	.8	----- number..	768 256	.4
Operators by principal occupation:			Milk cows ----- farms ..	2 567	.3
Farming -----	27 960	.8	----- number..	1 247 850	(L)
Other -----	12 440	1.2	Cattle and calves sold ----- farms ..	8 958	.7
Operators by days worked off farm:			----- number..	2 927 820	.1
Any -----	17 299	1.1	Hogs and pigs inventory ----- farms ..	1 553 678	.1
200 days or more -----	9 996	1.2	----- farms ..	637	1.5
Operators by sex:			----- number..	243 255	.4
Male -----	37 005	.9	Hogs and pigs sold ----- farms ..	576	1.5
Female -----	3 395	1.2	----- farms ..	460 388	.4
Average age of operator ----- years ..	54.6	1.2	----- \$1,000..	47 353	.5
			----- number..	1 083	1.0
			Sheep and lambs of all ages inventory ----- farms ..	792 700	.2
			----- number..	981	1.0
			Sheep and lambs sold ----- farms ..	633 242	.2
			----- number..		
			Horses and ponies inventory ----- farms ..	4 247	.9
			----- farms ..	40 142	1.0
			Horses and ponies sold ----- farms ..	1 111	1.3
			----- number..	7 652	2.1

See footnotes at end of table.

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)	Item	Total	Relative standard error of estimate (percent)
POULTRY			CROPS HARVESTED—Con.		
Chickens 3 months old or older inventory -----farms -- number--	785 33 178 483	1.2 .1	Barley for grain ----- farms -- acres--	834 200 727	.9 .5
Hens and pullets of laying age -----farms -- number--	766 31 170 297	1.3 (L)	Rice ----- farms -- acres--	12 057 153 1 521	.5 1.5
Broilers and other meat-type chickens sold -----farms -- number--	176 225 036 884	1.6 .1	Cotton ----- farms -- acres--	31 807 583 2 294	1.0 .5
CROPS HARVESTED			Dry edible beans, excluding dry limas -----farms -- acres--	1 065 358 2 791 570	.1 .1
Corn for grain or seed -----farms -- acres--	706 148 445	.9 .5	Irish potatoes ----- farms -- acres--	654 79 507	.9 .6
Corn for silage or green chop -----farms -- acres--	23 808 785 1 629	.5 .5	Sugar beets for sugar ----- farms -- cwt--	1 543 927 243	.6 1.3
Wheat for grain -----farms -- acres--	216 948 4 940 244	.3 .2	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -----farms -- acres--	16 284 447 46 440	.3 .2
	2 085 563 221	.6 .3	Alfalfa hay ----- farms -- acres--	153 387 4 129 064	.2 .2
	39 245 823	.3	Vegetables harvested for sale (see text) -----farms -- acres--	6 373 1 463 553	.7 .3
			Land in orchards ----- farms -- acres--	7 430 321 4 049	.3 .7
				924 128 5 836 182	.3 .3
				3 090 1 015 621	.7 .1
				21 926 2 098 219	1.0 .4

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

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..	-6.7	.9	-5.7	.9
Land in farms..... acres..	-5.3	.3	-7.0	.2
Average size of farm..... acres..	1.4	1.1	-1.2	1.0
Estimated market value of land and buildings ¹ :				
Average per farm.....dollars..	40.5	2.1	37.2	2.1
Average per acre.....dollars..	40.5	2.0	40.7	2.1
Estimated market value of all machinery and equipment ¹ :				
Average per farm.....dollars..	14.8	1.7	14.2	1.6
Farms by size:				
1 to 9 acres.....	-5.3	1.2	-4.1	1.3
10 to 49 acres.....	-8.5	1.1	-4.6	1.3
50 to 179 acres.....	-7.6	1.0	-7.3	1.1
180 to 499 acres.....	-6.4	.9	-7.9	.8
500 to 999 acres.....	-2.7	.8	-3.8	.7
1,000 to 1,999 acres.....	-5.2	.8	-7.6	.7
2,000 acres or more.....	-1.6	(L)	-3.2	-
Total cropland.....farms..				
.....acres..	-5.6	.9	-5.6	1.0
Harvested cropland.....farms..	-3.8	.4	-3.9	.3
.....acres..	-4.2	1.0	-4.8	1.0
.....acres..	1.1	.3	1.4	.3
Irrigated land.....farms..				
.....acres..	-3.9	.9	-4.6	1.0
.....acres..	-3	.3	-3	.3
Market value of agricultural products sold.....\$1,000..				
Average per farm.....dollars..	22.5	.2	22.8	.2
.....dollars..	31.2	1.3	30.2	1.3
Crops, including nursery and greenhouse crops.....\$1,000..				
Livestock, poultry, and their products.....\$1,000..	26.7	.3	27.0	.2
.....\$1,000..	14.0	.1	14.3	.1
Farms by value of sales:				
Less than \$2,500.....	-2.1	.8	(X)	(X)
\$2,500 to \$4,999.....	-17.3	1.1	(X)	(X)
\$5,000 to \$9,999.....	-12.9	1.2	(X)	(X)
\$10,000 to \$24,999.....	-15.5	1.2	-15.5	1.2
\$25,000 to \$49,999.....	-12.3	1.4	-12.3	1.4
\$50,000 to \$99,999.....	-7.8	1.5	-7.8	1.5
\$100,000 to \$249,999.....	-4.8	1.1	-4.8	1.1
\$250,000 to \$499,999.....	2.0	(L)	2.0	(L)
\$500,000 or more.....	18.3	(L)	18.3	(L)
Total farm production expenses ¹.....\$1,000..				
Average per farm.....dollars..	26.4	1.3	27.0	1.3
.....dollars..	35.5	1.7	34.5	1.6
Net cash return from agricultural sales for the farm unit (see text) ¹.....farms..				
.....\$1,000..	-6.7	1.1	-5.6	1.1
Average per farm.....dollars..	8.6	.6	9.0	.6
.....dollars..	16.4	1.6	15.5	1.5
Operators by principal occupation:				
Farming.....	-4.0	.9	-5.3	.8
Other.....	-9.3	1.1	-6.7	1.2
Operators by days worked off farm:				
Any.....	-12.3	4.5	-9.5	4.6
200 days or more.....	-13.8	4.4	-10.4	4.6
Livestock and poultry:				
Cattle and calves inventory.....farms..				
.....number..	-13.7	.8	-10.4	.7
.....farms..	2.9	.2	3.1	.2
Beef cows.....farms..	-12.4	.9	-8.3	.9
.....number..	-4.7	.5	-5.3	.4
Milk cows.....farms..	-14.0	.5	-9.7	.4
.....number..	16.7	.1	16.8	.1
Cattle and calves sold.....farms..				
.....number..	-16.0	.8	-11.2	.7
.....number..	-3.3	.2	-2.6	.2
Hogs and pigs inventory.....farms..				
.....number..	-17.7	1.2	-15.7	1.6
.....farms..	71.0	1.6	87.1	1.8
Hogs and pigs sold.....farms..	-23.3	1.2	-13.5	1.6
.....number..	58.6	1.4	67.3	1.5
.....farms..	-19.8	1.0	-20.3	1.0
.....number..	-12.2	.3	-12.3	.3
Chickens 3 months old or older inventory.....farms..				
.....number..	-32.9	.9	-32.5	1.0
.....number..	-26.7	.1	-26.7	.1
Broilers and other meat-type chickens sold.....farms..				
.....number..	7.5	2.2	8.6	2.2
.....number..	7.5	.1	7.5	.1
Selected crops harvested:				
Wheat for grain.....farms..				
.....acres..	-21.3	.6	-21.2	.6
.....bushels..	1.2	.4	1.5	.4
.....acres..	-1.4	.4	-1.3	.4
Barley for grain.....farms..				
.....acres..	-34.8	.7	-33.6	.7
.....acres..	-24.4	.5	-23.8	.5
.....bushels..	-16.3	.5	-15.8	.5
Rice.....farms..				
.....acres..	-4.8	1.7	-5.1	1.7
.....acres..	5	1.2	4	1.2
.....cwt..	11.5	1.3	11.6	1.3
Cotton.....farms..				
.....acres..	-22.6	.5	-21.6	.5
.....acres..	-1.6	.1	-1.6	.1
.....bales..	6.6	.1	6.6	.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms..				
.....acres..	-12.7	.8	-10.3	.7
.....acres..	-1	.4	.9	.4
.....tons, dry..	3.6	.3	4.0	.3
.....farms..	-2.0	.9	.6	.8
.....acres..	15.2	.1	15.3	.1
.....farms..	-1.8	1.0	-2.9	1.1
.....acres..	4.3	.5	4.6	.5

¹Data are based on a sample of farms.

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)
California -----	77 669	.9	28 978 997	.2	373	.9	820 063	1.2	4 363 190	.6
Alameda -----	482	1.0	286 288	.7	594	1.2	1 469 272	4.6	16 972	5.9
Alpine -----	6	-	4 768	-	795	-	(D)	(D)	248	-
Amador -----	367	.7	236 222	1.0	644	1.3	754 269	10.6	9 878	16.0
Butte -----	1 944	.9	452 347	.7	233	1.2	541 669	3.3	99 024	3.3
Calaveras -----	438	.9	246 077	.9	562	1.3	579 346	5.8	7 624	8.1
Colusa -----	836	1.5	450 236	.7	539	1.7	887 281	3.7	80 616	3.4
Contra Costa -----	675	.9	163 036	1.1	242	1.4	754 061	4.8	22 108	7.6
Del Norte -----	86	1.4	12 594	1.3	146	1.9	523 127	4.0	4 799	1.8
El Dorado -----	690	.8	102 028	1.3	148	1.5	537 608	8.8	12 031	7.0
Fresno -----	7 021	.9	1 774 664	.3	253	1.0	743 806	1.8	486 674	1.2
Glenn -----	1 187	1.1	473 920	.6	399	1.2	761 783	3.0	78 930	3.3
Humboldt -----	874	1.1	597 766	.6	684	1.2	630 198	4.9	22 302	5.5
Imperial -----	657	.9	532 866	.3	811	.9	1 839 362	2.4	103 801	2.2
Inyo -----	79	.8	247 550	.4	3 134	.9	4 090 073	2.9	3 038	3.0
Kern -----	1 995	.8	2 839 531	.1	1 423	.8	1 667 119	2.1	315 173	1.4
Kings -----	1 092	.8	775 829	.2	710	.8	1 183 154	1.5	139 938	1.2
Lake -----	815	.9	164 130	1.4	201	1.6	422 535	5.2	18 309	5.6
Lassen -----	312	.7	487 499	.5	1 562	.8	775 378	9.2	18 332	9.2
Los Angeles -----	1 446	1.3	183 569	1.1	127	1.7	814 982	3.9	52 628	3.8
Madera -----	1 709	.9	749 465	.4	439	1.0	928 760	2.4	117 359	2.1
Marin -----	260	.7	168 879	1.2	650	1.4	1 714 417	7.0	11 317	3.2
Mariposa -----	256	.9	206 138	.8	805	1.2	666 880	21.9	3 999	15.5
Mendocino -----	1 088	.9	725 118	.5	666	1.1	760 004	4.2	35 050	6.1
Merced -----	2 879	.8	978 831	.3	340	.9	798 225	1.4	198 080	1.5
Modoc -----	466	.9	686 876	.5	1 474	1.0	898 320	5.1	35 757	6.1
Mono -----	73	1.2	103 294	.6	1 415	1.4	933 183	3.8	4 344	2.4
Monterey -----	1 245	.9	1 372 778	.3	1 103	.9	2 049 519	2.7	190 450	.8
Napa -----	1 227	.8	235 290	.9	192	1.2	1 003 132	3.2	51 902	7.3
Nevada -----	415	.9	72 471	1.7	175	1.9	599 743	5.4	7 253	11.0
Orange -----	379	.8	60 740	1.4	160	1.6	1 948 253	3.0	28 283	3.5
Placer -----	1 125	.9	137 723	1.4	122	1.6	501 154	10.7	20 890	4.2
Plumas -----	125	1.1	119 514	1.0	956	1.5	795 404	5.2	4 662	7.8
Riverside -----	3 511	1.0	423 602	.5	121	1.1	711 639	2.4	168 959	1.7
Sacramento -----	1 427	.9	379 044	.7	266	1.1	744 672	3.8	63 071	4.2
San Benito -----	611	.8	600 073	.5	982	1.0	1 195 219	3.7	33 930	2.8
San Bernardino -----	1 653	1.0	1 287 057	.1	779	1.0	542 134	4.2	90 465	1.9
San Diego -----	6 565	.9	517 860	.5	79	1.0	416 614	3.0	122 382	2.0
San Francisco -----	6	2.2	7	1.9	1	2.9	(D)	(D)	308	3.4
San Joaquin -----	4 097	.8	783 715	.4	191	.9	767 835	2.1	247 288	1.4
San Luis Obispo -----	1 880	1.0	1 324 403	.5	704	1.1	1 101 890	3.6	64 177	3.5
San Mateo -----	302	1.0	57 418	2.7	190	2.9	1 392 019	19.2	14 727	4.1
Santa Barbara -----	1 613	1.4	836 989	.6	519	1.5	1 236 734	5.2	96 799	2.5
Santa Clara -----	1 057	1.0	342 653	.6	324	1.1	725 012	4.9	46 290	2.8
Santa Cruz -----	771	1.7	52 905	2.3	69	2.8	622 870	5.1	41 826	2.6
Shasta -----	844	1.3	388 084	.9	460	1.6	469 095	7.7	26 405	5.8
Sierra -----	53	1.8	55 446	2.6	1 046	3.2	934 077	6.2	2 101	5.1
Siskiyou -----	689	.9	647 446	.5	940	1.0	940 470	20.6	43 276	5.5
Solano -----	850	1.0	340 328	.6	400	1.1	873 686	5.7	49 821	5.2
Sonoma -----	2 737	.9	517 114	.6	189	1.1	894 536	3.9	87 274	2.9
Stanislaus -----	4 354	.8	759 649	.4	174	.9	635 976	2.7	221 051	1.7
Sutter -----	1 362	1.2	318 156	.8	234	1.5	816 122	3.8	106 562	3.5
Tehama -----	1 381	.7	1 016 851	.3	736	.8	651 023	5.2	47 937	5.0
Trinity -----	113	1.0	116 083	.5	1 027	1.2	354 001	9.9	2 048	9.4
Tulare -----	5 469	.7	1 354 262	.3	248	.8	747 484	1.5	319 601	1.7
Tuolumne -----	249	.9	137 530	1.1	552	1.4	471 796	7.4	4 297	5.3
Ventura -----	2 195	.7	320 597	.6	146	1.0	978 005	2.6	125 811	1.5
Yolo -----	912	.9	518 907	.4	569	1.0	1 168 406	2.6	100 106	1.7
Yuba -----	719	1.0	234 781	.8	327	1.3	773 845	3.0	34 906	4.9
	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			
Geographic area		Relative standard error of estimate (percent)		Relative standard error of estimate (percent)		Relative standard error of estimate (percent)	Farms		Value	
	Value (dollars)		Total (\$1,000)		Number		Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	
California -----	56 485	1.1	17 051 912	.1	219 546	.9	77 663	1.0	13 804 983	.2
Alameda -----	35 211	6.0	42 695	.5	88 579	1.1	482	1.2	37 209	2.4
Alpine -----	41 333	-	178	-	29 735	-	6	-	176	-
Amador -----	26 988	16.1	22 612	.7	61 614	1.0	366	.9	20 314	4.2
Butte -----	51 683	3.6	182 470	.5	93 863	1.1	1 944	1.1	136 214	1.7
Calaveras -----	17 326	8.2	14 790	.7	33 767	1.2	440	1.1	12 524	6.2
Colusa -----	96 430	3.9	171 893	.6	205 614	1.6	836	1.9	134 669	1.9
Contra Costa -----	32 752	7.7	54 001	.3	80 001	1.0	675	1.2	45 223	1.2
Del Norte -----	55 805	4.0	20 990	.2	244 074	1.4	86	3.6	14 100	.3
El Dorado -----	17 487	7.0	9 528	1.4	13 809	1.6	688	1.0	9 982	6.5

See footnotes at end of table.

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

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

Geographic area	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			
	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)	Total farm production expenses			
							Farms		Value	
							Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Fresno	69 754	1.6	2 081 516	.2	296 470	.9	7 020	1.0	1 704 368	.3
Glenn	66 552	3.5	172 495	.5	145 320	1.2	1 186	1.3	136 828	1.4
Humboldt	25 546	5.6	61 910	.7	70 835	1.3	873	1.3	47 469	2.5
Imperial	159 448	2.6	752 980	.1	1 146 089	.9	657	1.2	639 106	.3
Inyo	38 456	4.1	6 049	1.7	76 565	1.9	79	2.9	5 275	1.6
Kern	159 098	1.8	1 336 886	.1	670 118	.8	1 995	1.1	1 114 176	.2
Kings	128 031	1.5	581 846	.1	532 826	.8	1 093	.9	466 209	.4
Lake	22 437	5.7	32 081	.9	39 363	1.3	816	1.2	25 631	6.0
Lassen	58 945	9.3	32 071	.6	102 792	.9	311	1.1	28 989	7.4
Los Angeles	36 472	4.1	200 461	.2	138 632	1.3	1 445	1.5	151 864	.6
Madera	69 035	2.3	471 810	.2	276 074	.9	1 710	.9	359 664	.5
Marin	43 525	3.3	42 147	.2	162 104	.7	260	.9	36 954	1.6
Mariposa	15 622	15.5	7 014	1.1	27 398	1.4	256	1.3	5 321	4.8
Mendocino	32 275	6.2	66 793	.6	61 391	1.1	1 087	1.2	50 539	1.9
Merced	68 802	1.7	907 600	.1	315 248	.8	2 879	.9	741 026	.3
Modoc	76 896	6.2	58 728	.5	126 026	1.1	465	1.1	48 135	2.8
Mono	59 510	4.1	7 446	.8	101 996	1.4	73	3.3	5 984	.9
Monterey	152 972	1.2	1 202 715	(L)	966 036	.9	1 245	1.0	924 080	.1
Napa	43 216	7.4	122 928	.4	100 186	.9	1 227	.9	94 429	2.1
Nevada	17 477	11.1	4 547	2.1	10 955	2.3	415	1.5	4 859	6.2
Orange	74 625	3.7	186 355	.1	491 702	.8	379	1.1	143 070	.5
Placer	18 569	4.4	35 728	.8	31 759	1.2	1 125	1.0	34 390	3.4
Plumas	37 901	8.0	6 625	.9	52 998	1.4	124	2.2	5 621	3.5
Riverside	48 123	2.1	846 932	.1	241 223	1.0	3 513	1.2	693 532	.3
Sacramento	45 506	4.4	209 606	.3	146 885	1.0	1 427	1.1	174 047	1.5
San Benito	55 532	3.0	108 420	.2	177 446	.9	611	1.0	88 393	1.1
San Bernardino	54 794	2.2	567 783	.1	343 486	1.0	1 652	1.2	473 701	.3
San Diego	18 727	2.2	496 508	.3	75 630	.9	6 566	1.0	388 488	.7
San Francisco	51 333	4.0	738	.4	123 000	2.2	6	2.2	525	.3
San Joaquin	60 804	1.7	785 050	.2	191 616	.9	4 096	.9	612 889	.5
San Luis Obispo	34 119	3.7	184 855	.3	98 327	1.1	1 881	1.2	149 630	1.1
San Mateo	48 766	4.4	100 091	.2	331 427	1.1	302	1.6	76 583	.5
Santa Barbara	60 049	2.9	391 021	.2	242 419	1.4	1 612	1.4	321 443	.4
Santa Clara	43 877	3.0	125 041	.3	118 298	1.0	1 056	1.1	103 068	1.1
Santa Cruz	54 890	3.3	241 849	.2	313 683	1.7	772	1.8	172 329	.6
Shasta	31 323	6.0	33 198	1.0	39 334	1.6	843	1.6	28 965	4.0
Sierra	39 649	6.8	1 905	4.0	35 951	4.4	53	4.5	1 772	5.0
Siskiyou	62 719	5.5	51 175	.6	74 274	1.1	690	.9	43 114	2.4
Solano	58 682	5.3	113 160	.3	133 130	1.0	850	1.1	91 829	.9
Sonoma	33 159	3.2	280 854	.3	102 614	.9	2 738	1.1	221 608	.9
Stanislaus	51 004	2.0	897 058	.2	206 031	.8	4 354	.9	753 079	.4
Sutter	78 239	3.7	212 513	.5	156 030	1.3	1 363	1.4	166 380	1.9
Tehama	34 737	5.1	95 041	.4	68 820	.9	1 380	.9	79 867	2.4
Trinity	18 283	9.7	1 721	2.2	15 230	2.5	112	2.5	1 728	6.2
Tulare	58 772	1.9	1 386 744	.2	253 564	.8	5 467	.9	1 125 733	.4
Tuolumne	17 256	5.5	12 233	.5	49 130	1.1	249	1.5	12 414	6.8
Ventura	57 527	1.7	667 826	.1	304 249	.7	2 195	.8	549 419	.3
Yolo	109 766	2.1	234 173	.2	256 769	1.0	912	1.2	204 349	.8
Yuba	48 956	5.1	108 526	.5	150 941	1.1	720	1.3	85 703	1.6

Farm production expenses¹—Con.

Geographic area	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)
California	13 769	1.7	935 152	.4	25 147	1.3	2 108 719	.2	18 581	1.5	274 495	.3
Alameda	130	15.1	2 689	11.9	311	6.4	2 869	13.2	64	18.3	623	.6
Alpine	5	—	19	—	5	—	17	—	—	—	—	—
Amador	153	15.6	7 828	2.1	267	8.1	1 257	9.8	44	40.6	54	19.1
Butte	241	13.0	1 211	19.6	431	8.1	3 807	28.0	589	6.5	2 560	5.8
Calaveras	147	16.1	2 422	14.4	306	9.1	3 531	3.4	46	41.3	19	20.4
Colusa	71	17.5	1 024	9.9	114	15.2	1 298	11.9	536	4.2	5 288	2.5
Contra Costa	107	15.1	2 276	2.9	276	8.3	3 985	3.4	156	12.8	989	3.6
Del Norte	36	4.6	671	.8	63	3.9	1 470	1.1	10	8.5	19	.5
El Dorado	132	17.9	367	14.6	357	7.3	1 234	17.7	101	20.5	109	16.0
Fresno	614	5.6	211 545	.2	1 082	3.6	254 522	.1	1 504	4.1	19 054	1.1
Glenn	278	13.7	6 189	14.6	420	9.2	12 510	4.8	513	7.0	2 972	5.3
Humboldt	332	9.4	5 148	7.2	614	4.5	11 322	3.7	112	15.7	668	4.1
Imperial	113	10.7	172 415	(L)	130	8.8	103 075	(L)	392	6.2	10 800	.9
Inyo	38	4.0	724	1.4	53	3.4	515	2.2	12	5.5	35	1.3
Kern	392	9.7	23 887	3.6	676	6.1	45 746	.7	761	4.7	17 867	.6
Kings	235	8.7	25 137	.5	348	7.1	101 591	.1	547	5.3	7 398	1.1
Lake	58	28.4	288	49.4	157	15.2	288	20.4	127	19.2	223	21.2
Lassen	117	11.7	2 622	23.9	228	8.1	2 502	13.9	67	22.2	292	13.1
Los Angeles	245	12.9	2 126	9.5	609	6.5	7 374	2.9	251	10.5	5 342	3.6

See footnotes at end of table.

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

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

Geographic area	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)
Madera	366	9.7	21 535	1.9	551	6.7	49 665	1.4	382	8.6	3 351	3.6
Marin	136	9.0	2 241	13.3	222	4.7	16 024	1.0	43	24.7	139	7.0
Mariposa	95	21.4	1 370	6.1	196	8.7	1 107	9.9	26	51.0	(D)	(D)
Mendocino	245	14.6	1 687	17.1	489	8.0	1 994	5.3	193	15.7	351	11.6
Merced	651	6.0	52 043	1.0	1 031	3.7	244 840	.2	964	4.5	7 428	2.1
Modoc	200	9.6	7 605	10.1	275	9.0	3 719	7.1	245	8.8	1 215	4.3
Mono	26	4.8	551	2.2	46	4.0	326	2.8	13	5.0	431	.1
Monterey	176	12.7	10 968	6.7	503	6.8	11 613	3.3	520	5.8	41 459	.3
Napa	100	21.9	854	4.1	237	11.6	1 041	5.8	190	15.1	630	3.4
Nevada	105	21.4	307	23.1	248	9.7	920	9.4	57	24.3	24	43.5
Orange	32	29.5	267	20.9	52	20.5	570	18.7	122	10.0	6 710	.2
Placer	373	9.9	2 643	9.8	734	4.6	9 066	1.9	147	15.8	657	11.9
Plumas	58	9.1	796	19.5	100	4.9	567	6.9	16	20.2	54	5.3
Riverside	583	7.1	43 805	1.9	957	4.5	191 023	.2	482	7.9	7 953	3.2
Sacramento	516	7.7	19 686	9.8	895	4.2	29 964	2.5	416	6.7	2 901	9.9
San Benito	137	15.7	5 725	4.4	242	9.7	4 906	3.8	168	12.3	2 259	1.5
San Bernardino	496	6.9	52 618	.3	799	4.6	230 855	.2	269	11.8	1 367	4.2
San Diego	443	9.5	8 004	7.9	842	4.9	34 209	2.0	831	6.7	14 721	.9
San Francisco	—	—	—	—	—	—	—	—	2	—	(D)	(D)
San Joaquin	604	6.8	23 230	2.3	962	4.2	98 478	1.5	1 123	4.6	12 942	1.9
San Luis Obispo	528	8.7	8 195	4.7	1 079	4.1	6 001	6.5	461	9.1	5 177	1.8
San Mateo	45	38.2	128	51.3	123	14.7	407	17.2	88	16.4	9 563	.3
Santa Barbara	211	14.3	6 582	3.7	556	6.6	9 298	2.1	427	7.7	14 102	.5
Santa Clara	234	12.5	3 483	5.0	371	9.0	5 843	5.8	280	9.6	4 133	2.1
Santa Cruz	98	23.5	513	18.1	167	15.0	1 078	6.4	291	10.6	6 558	1.1
Shasta	276	10.3	3 493	9.0	492	6.0	3 127	5.9	149	15.4	240	12.5
Sierra	19	5.1	240	1.2	39	5.1	259	9.5	9	12.0	(D)	(D)
Siskiyou	262	7.7	4 012	9.9	434	5.6	5 508	4.5	231	12.5	1 126	6.0
Solano	151	16.1	3 961	5.1	309	9.9	4 620	5.2	200	11.7	2 966	1.6
Sonoma	625	7.2	9 391	10.4	1 290	3.1	47 682	1.8	464	8.4	2 084	7.1
Stanislaus	898	4.9	65 538	1.4	1 581	2.8	243 078	.5	1 066	5.0	6 709	2.8
Sutter	77	27.4	627	27.1	135	18.9	903	14.6	546	7.5	5 006	4.3
Tehama	367	8.4	5 644	9.7	627	5.2	10 704	6.6	299	11.2	692	10.5
Trinity	40	14.6	131	7.0	70	7.6	333	8.0	24	20.6	6	29.0
Tulare	625	5.9	76 041	1.3	1 032	4.1	241 236	.4	1 051	4.7	7 656	2.0
Tuolumne	97	17.8	2 698	27.1	196	7.2	5 971	1.8	21	44.7	9	21.0
Ventura	126	17.5	7 263	3.3	222	13.4	20 521	.7	354	8.6	19 377	.4
Yolo	153	17.0	4 589	5.2	278	10.8	2 151	4.1	379	8.1	8 734	2.0
Yuba	151	14.3	8 096	2.8	318	7.8	10 202	1.3	200	8.5	1 394	8.2

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)
California	42 602	1.1	568 772	.4	45 721	1.1	694 549	.4	66 759	1.0	414 984	.4
Alameda	72	15.1	410	.7	116	12.6	1 239	1.0	424	3.6	2 123	2.5
Alpine	2	—	(D)	(D)	3	—	9	—	6	—	15	—
Amador	97	21.2	262	16.0	109	16.3	200	13.7	297	6.8	484	7.3
Butte	1 311	3.3	10 901	4.3	1 413	3.1	13 823	5.9	1 706	2.3	5 992	4.2
Calaveras	55	31.9	52	15.6	125	18.5	96	20.2	412	3.5	524	11.1
Colusa	642	3.8	13 577	3.4	631	4.6	11 202	4.3	745	3.9	7 528	3.2
Contra Costa	206	9.8	1 363	1.7	305	7.5	1 713	3.2	605	3.3	2 204	2.5
Del Norte	38	4.3	452	.3	13	5.9	688	(L)	72	3.7	260	1.1
El Dorado	292	7.7	186	17.8	282	8.9	372	14.9	609	3.2	484	6.6
Fresno	4 613	2.0	71 915	1.2	5 685	1.5	93 850	.8	6 355	1.3	51 689	.8
Glenn	771	4.3	10 589	4.2	722	5.4	10 044	2.7	1 059	3.0	6 055	3.1
Humboldt	231	12.4	604	6.8	155	15.6	201	8.1	808	2.4	1 624	8.4
Imperial	489	4.7	30 138	.7	465	5.1	23 397	3.3	582	3.2	13 540	1.0
Inyo	17	5.2	241	1.5	26	5.2	43	3.9	78	2.9	276	3.0
Kern	1 157	3.0	54 786	.9	1 220	3.0	96 595	.6	1 812	2.1	31 496	1.0
Kings	692	3.8	21 318	1.1	750	3.8	31 945	1.3	1 008	2.0	18 090	.8
Lake	292	11.0	974	7.7	327	10.1	2 276	12.3	722	3.2	1 241	7.6
Lassen	125	12.3	866	3.6	60	25.8	570	4.2	285	3.6	2 069	11.0
Los Angeles	481	7.4	3 615	1.2	548	7.5	3 831	2.0	1 149	3.7	4 923	1.5
Madera	954	3.6	14 804	1.5	1 137	3.6	22 338	1.1	1 480	2.4	12 323	2.0
Marin	36	30.7	120	21.8	82	19.2	180	52.4	242	4.0	925	3.6
Mariposa	10	78.3	(D)	(D)	121	17.2	38	39.7	239	5.0	363	15.8
Mendocino	371	9.6	1 215	8.5	465	6.4	2 661	5.2	965	2.7	1 682	5.3
Merced	1 748	2.6	25 509	1.5	1 829	2.5	27 579	1.3	2 615	1.5	19 542	1.4
Modoc	172	13.2	2 233	7.4	143	10.2	1 605	1.4	432	3.0	2 332	10.0
Mono	15	5.8	222	.5	18	6.2	139	.3	68	3.4	349	1.9
Monterey	693	4.2	56 588	.9	681	4.5	60 099	.4	1 111	2.1	30 707	.9
Napa	655	6.3	2 196	6.3	896	3.7	5 102	3.2	1 048	2.5	1 959	4.5
Nevada	103	22.3	59	26.6	117	20.3	40	40.2	353	5.2	355	23.9

See footnotes at end of table.

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

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

Geographic area	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)
Orange	219	7.8	4 721	3.0	223	6.5	5 894	.4	294	4.2	2 951	2.6
Placer	351	8.7	1 393	18.3	455	7.9	1 275	9.4	962	2.9	1 163	5.3
Plumas	23	15.3	167	7.4	14	17.2	30	2.1	110	3.5	574	5.0
Riverside	1 858	3.1	18 023	1.3	1 936	3.1	17 700	1.1	2 734	2.3	12 357	1.4
Sacramento	558	6.6	6 743	2.4	493	6.6	8 653	2.8	1 200	2.8	5 932	1.7
San Benito	222	10.5	3 878	3.8	250	8.1	4 376	1.5	556	2.7	4 177	1.8
San Bernardino	585	6.9	1 494	15.4	664	6.0	1 634	5.1	1 371	2.8	5 717	1.9
San Diego	4 631	1.8	12 086	3.1	3 439	2.7	9 527	2.4	5 010	1.8	12 306	1.4
San Francisco	5	2.6	7	2.8	5	2.6	3	4.3	6	2.2	28	(L)
San Joaquin	2 433	2.5	28 682	2.3	3 021	1.8	33 568	1.6	3 630	1.5	19 608	1.4
San Luis Obispo	701	6.7	5 093	2.2	749	6.2	6 501	3.5	1 694	2.0	5 352	2.4
San Mateo	94	11.2	1 584	.8	120	13.8	1 478	1.6	266	5.8	3 455	1.1
Santa Barbara	936	4.6	15 195	1.8	910	5.0	16 930	.8	1 340	2.9	11 089	2.0
Santa Clara	443	6.6	5 444	1.2	492	7.3	2 033	3.1	912	3.5	4 841	1.5
Santa Cruz	434	7.1	6 465	.7	467	6.4	8 214	.8	667	3.7	5 489	.7
Shasta	299	9.9	1 145	9.6	219	13.3	977	8.5	739	3.2	1 580	3.6
Sierra	9	10.3	18	13.1	11	9.4	9	15.9	47	4.7	117	6.3
Siskiyou	278	9.1	2 798	4.7	219	10.7	1 702	12.6	597	3.8	2 338	3.9
Solano	389	8.2	5 453	4.5	529	5.2	5 699	1.9	798	2.2	4 003	2.1
Sonoma	1 031	4.6	4 417	3.8	1 351	3.6	5 529	3.1	2 296	2.0	5 729	2.2
Stanislaus	2 509	2.3	21 524	2.6	2 777	2.1	27 112	1.9	3 895	1.4	17 980	1.3
Sutter	1 126	3.1	14 841	3.9	1 090	3.3	15 621	6.1	1 247	2.6	8 519	2.9
Tehama	656	5.7	2 449	4.7	672	5.1	3 937	2.5	1 135	2.8	3 361	6.9
Trinity	32	17.0	8	28.3	35	18.2	6	26.0	104	3.9	113	5.5
Tulare	3 723	2.0	37 278	1.4	4 392	1.5	59 310	1.3	4 418	1.7	28 881	1.1
Tuolumne	13	40.4	18	17.2	61	23.8	20	21.0	243	2.7	267	7.2
Ventura	1 739	2.5	23 088	.9	1 647	2.6	23 542	1.0	1 751	2.3	13 425	.7
Yolo	555	5.5	15 469	2.3	598	5.0	15 759	2.3	830	3.0	9 624	1.5
Yuba	410	5.8	4 079	4.6	438	6.0	5 644	4.0	620	3.2	2 857	4.8

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)
California	55 124	1.1	500 264	.4	38 347	1.1	2 922 390	.2	25 785	1.4	967 377	.5
Alameda	340	6.1	925	3.3	133	13.4	14 445	.4	23	32.9	242	4.7
Alpine	6	—	15	—	4	—	(D)	(D)	1	—	(D)	(D)
Amador	218	9.0	381	7.9	104	18.5	1 800	18.7	75	19.0	531	38.5
Butte	1 436	3.0	6 661	3.5	817	5.0	28 040	2.1	700	6.6	6 187	7.1
Calaveras	243	12.5	279	22.8	104	23.3	1 179	6.6	38	37.6	90	15.8
Colusa	512	6.9	4 994	6.0	446	6.8	24 041	2.4	253	12.1	8 004	4.4
Contra Costa	436	5.9	970	5.2	255	8.8	13 729	1.5	147	14.0	1 646	4.6
Del Norte	62	3.9	434	1.1	37	3.9	4 043	.2	3	10.5	12	14.1
El Dorado	459	5.7	403	12.6	240	10.2	1 758	19.4	88	22.5	266	16.9
Fresno	5 883	1.5	63 900	.9	4 467	2.1	260 559	.7	3 497	2.6	150 982	1.2
Glenn	876	4.5	6 165	3.0	547	6.1	21 549	2.3	352	9.1	6 241	6.6
Humboldt	562	5.4	1 743	4.2	312	9.3	7 811	3.5	175	14.9	438	21.3
Imperial	430	6.4	6 007	2.3	408	6.0	66 721	1.1	332	8.2	26 666	1.4
Inyo	44	3.7	205	2.1	30	4.5	1 147	1.5	8	7.9	(D)	(D)
Kern	1 658	2.5	64 029	.7	1 123	3.3	254 017	.4	1 017	4.1	128 508	.8
Kings	934	2.5	24 307	1.3	557	4.4	64 443	.6	461	6.5	13 131	5.6
Lake	463	7.6	1 208	11.0	284	11.4	6 586	9.5	270	11.7	2 252	14.0
Lassen	240	5.9	1 180	10.2	113	15.1	7 993	2.1	23	37.9	215	2.6
Los Angeles	875	5.1	5 219	2.4	629	6.7	67 359	.6	225	15.6	4 610	3.3
Madera	1 528	2.1	21 581	1.4	1 039	4.4	55 004	1.2	775	4.5	35 862	2.1
Marin	195	8.3	986	2.1	96	10.9	5 392	1.0	47	26.8	240	28.5
Mariposa	185	11.0	189	7.0	56	29.3	250	9.8	21	49.3	15	29.1
Mendocino	670	6.0	1 315	5.5	502	7.0	15 225	3.4	228	14.2	2 635	15.3
Merced	2 299	2.2	25 450	.9	1 651	2.9	105 137	.6	971	4.8	28 735	1.9
Modoc	362	4.8	2 124	7.1	243	9.9	4 906	3.0	70	20.2	1 106	10.9
Mono	45	4.0	521	1.8	30	3.7	898	.6	14	6.9	296	.8
Monterey	905	3.7	32 625	.2	684	3.5	293 009	.2	294	7.2	94 436	.6
Napa	958	3.2	1 694	7.3	689	6.0	35 528	4.2	607	6.4	8 948	8.6
Nevada	258	9.7	183	15.3	104	21.8	305	13.6	25	53.7	46	73.8
Orange	237	5.7	1 543	4.1	241	6.4	68 752	.5	78	16.4	4 241	2.0
Placer	754	4.6	1 668	10.4	236	12.4	4 091	2.3	142	16.6	949	17.7
Plumas	80	7.4	236	6.8	39	9.8	740	1.2	17	19.6	220	1.7
Riverside	2 110	3.3	21 945	.8	1 550	4.1	133 587	.4	1 195	5.0	51 730	1.1
Sacramento	1 116	3.1	6 235	3.5	453	6.8	31 730	2.2	218	10.6	6 464	4.0
San Benito	327	7.2	3 272	2.2	231	8.7	24 173	3.6	159	12.0	8 814	2.4
San Bernardino	1 201	3.6	11 230	1.1	779	5.1	54 902	1.1	334	9.9	4 667	6.6
San Diego	3 120	2.9	8 134	3.6	3 347	2.9	125 995	.9	2 358	3.7	22 183	4.5
San Francisco	5	2.6	14	.6	5	2.6	198	.2	1	—	(D)	(D)
San Joaquin	3 261	1.9	24 049	1.7	2 106	3.0	125 309	1.1	1 654	3.5	39 059	3.3

See footnotes at end of table.

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

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

Geographic area	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)
San Luis Obispo	1 185	4.4	5 319	3.7	661	6.9	40 804	1.6	445	10.2	17 709	2.4
San Mateo	204	9.7	1 471	2.6	155	13.4	35 334	.2	41	27.9	343	3.8
Santa Barbara	976	4.4	9 437	2.9	972	4.7	96 405	1.3	365	9.9	36 166	7
Santa Clara	730	4.5	4 092	2.0	438	7.2	38 657	1.5	193	13.9	4 013	2.9
Santa Cruz	559	5.0	5 276	1.5	434	7.2	84 679	.6	138	14.5	7 717	1.8
Shasta	534	6.0	1 412	13.3	273	11.3	5 952	6.1	130	17.2	654	22.4
Sierra	34	5.7	78	19.0	18	6.8	(D)	(D)	7	13.9	48	30.4
Siskiyou	520	4.9	2 843	9.5	271	8.7	5 499	4.1	98	17.2	598	5.6
Solano	630	4.2	3 987	4.0	470	6.6	19 733	1.3	137	14.9	6 998	7
Sonoma	1 881	2.9	5 498	2.4	1 342	3.9	60 293	1.6	636	7.1	9 188	8.1
Stanislaus	2 925	2.3	18 676	1.3	2 090	3.0	109 909	1.1	1 432	4.4	33 316	3.3
Sutter	1 091	3.9	6 307	4.3	874	5.1	39 797	2.9	362	10.3	6 903	2.3
Tehama	1 016	3.5	3 609	3.4	519	7.2	14 845	8.2	396	8.9	2 926	17.7
Trinity	69	8.7	41	8.0	26	18.6	182	9.8	9	38.7	17	25.6
Tulare	4 713	1.5	51 842	.9	3 056	2.5	183 970	.7	3 041	2.5	102 794	2.0
Tuolumne	184	7.8	202	9.5	67	22.0	368	4.2	45	32.2	50	16.9
Ventura	1 367	3.1	12 955	1.9	1 248	3.8	186 746	.5	950	4.7	62 847	1.4
Yolo	686	5.1	10 191	1.5	458	6.6	48 547	1.5	312	10.5	12 215	1.2
Yuba	517	5.2	3 009	4.4	284	9.0	18 175	2.4	152	14.3	2 198	8.3

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)
California	60 113	1.0	630 574	.4	27 174	1.3	448 923	.6	29 185	1.2	738 910	.5
Alameda	390	4.9	1 492	4.3	111	17.1	294	11.3	105	16.5	1 420	3.6
Alpine	6	—	11	—	1	—	(D)	(D)	5	—	(D)	(D)
Amador	273	8.1	752	12.9	69	24.1	230	17.7	119	17.9	2 028	8.2
Butte	1 515	3.0	8 653	2.5	866	5.2	9 194	6.3	847	5.3	11 783	4.9
Calaveras	337	7.7	628	12.5	63	29.0	123	27.6	86	26.4	669	30.7
Colusa	590	6.1	8 852	4.6	534	5.9	9 638	6.3	492	7.1	7 233	2.8
Contra Costa	531	4.4	1 998	5.2	142	14.8	873	20.4	169	11.2	2 601	5.6
Del Norte	62	3.9	939	.5	16	6.2	83	5.0	22	4.7	357	1.3
El Dorado	469	5.6	840	9.3	111	20.9	77	26.7	163	15.1	945	15.2
Fresno	5 915	1.5	71 737	.8	3 394	2.7	77 090	.9	3 493	2.6	101 923	1.3
Glenn	945	4.1	8 359	4.1	492	7.7	6 734	7.0	542	5.8	10 389	4.4
Humboldt	701	4.0	3 257	7.6	199	14.1	619	11.2	309	10.7	2 975	12.7
Imperial	515	4.9	18 693	1.1	464	4.4	45 874	1.2	461	5.4	21 715	1.7
Inyo	60	3.3	329	2.1	9	8.1	(D)	(D)	23	4.8	346	3.1
Kern	1 695	2.5	54 860	.6	777	4.7	41 995	1.1	1 211	3.8	72 399	.8
Kings	902	2.9	39 186	.5	569	5.0	17 384	1.4	562	4.9	28 602	1.0
Lake	613	5.5	1 528	7.7	297	11.5	537	13.2	218	15.8	2 479	9.7
Lassen	264	4.9	1 866	10.0	64	24.3	435	28.1	91	17.2	1 690	24.9
Los Angeles	988	4.5	6 726	3.2	200	15.5	1 215	2.4	305	10.6	4 608	4.4
Madera	1 325	3.3	16 930	1.8	717	5.9	13 147	3.6	790	5.4	28 391	1.7
Marin	206	5.6	1 797	2.9	74	19.3	590	4.0	98	13.7	1 279	5.7
Mariposa	212	8.1	335	14.0	21	39.5	43	7.8	59	28.5	343	14.2
Mendocino	804	4.3	4 135	8.2	265	12.5	819	22.9	293	11.4	5 008	8.4
Merced	2 473	1.9	30 144	.9	1 413	3.4	23 941	1.4	1 567	3.4	40 405	1.3
Modoc	430	3.2	2 915	10.9	199	12.4	3 412	2.6	245	9.8	2 677	7.0
Mono	57	3.6	338	2.0	14	6.4	95	2.1	20	4.6	584	1.6
Monterey	1 037	2.9	38 478	.4	429	6.5	16 805	1.1	491	4.9	28 281	.8
Napa	925	4.0	4 744	5.7	457	8.8	2 750	5.9	459	8.2	6 989	5.6
Nevada	313	7.6	618	28.3	45	33.5	16	41.0	77	25.8	348	23.2
Orange	280	6.5	4 102	1.1	59	13.7	1 181	.8	108	11.1	4 409	.2
Placer	924	3.3	1 948	5.7	270	12.8	1 011	35.6	238	12.7	2 285	11.7
Plumas	98	4.3	400	4.4	20	18.6	317	4.0	41	10.4	326	9.7
Riverside	2 401	2.8	24 001	1.3	677	7.3	13 333	2.2	1 081	5.2	36 603	1.8
Sacramento	1 086	3.4	8 979	4.1	464	7.3	6 692	10.2	566	6.6	10 518	3.9
San Benito	453	5.1	3 914	5.0	162	12.8	1 895	5.3	169	11.7	4 321	10.4
San Bernardino	1 256	3.3	13 202	1.6	262	11.2	2 735	2.3	569	6.3	21 668	.9
San Diego	3 980	2.5	14 451	2.9	820	7.3	2 838	2.4	1 420	5.1	20 123	3.7
San Francisco	4	3.3	21	3.2	—	—	—	—	2	—	(D)	(D)
San Joaquin	3 278	1.8	30 764	1.3	2 021	3.2	26 374	2.7	1 586	3.7	33 377	2.2
San Luis Obispo	1 464	3.0	7 091	2.7	489	9.1	2 988	6.1	581	7.5	7 534	5.6
San Mateo	280	2.8	4 274	2.1	62	24.5	366	3.5	86	21.0	1 196	9.8
Santa Barbara	1 229	3.7	12 783	2.6	395	9.6	5 225	8.5	343	8.8	12 013	3.2
Santa Clara	880	3.2	5 892	2.9	281	11.0	1 099	5.3	165	10.7	3 100	4.7
Santa Cruz	597	5.2	5 161	1.6	257	11.1	1 500	8.3	198	9.9	6 337	2.0
Shasta	684	4.0	1 618	5.4	212	13.6	1 127	27.4	215	13.3	1 830	7.1
Sierra	46	4.7	132	8.0	8	11.4	14	16.4	22	6.4	254	6.1
Siskiyou	533	4.7	2 849	6.5	190	12.5	950	13.6	262	11.0	3 317	6.0
Solano	746	2.9	6 032	2.6	310	9.3	5 993	1.4	258	9.7	4 497	3.1
Sonoma	2 058	2.6	14 273	2.5	721	6.4	3 307	3.7	723	6.2	11 439	3.5

See footnotes at end of table.

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

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

Geographic area	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)
Stanislaus	3 593	1.8	33 411	1.9	2 152	3.1	25 291	2.3	2 019	3.2	40 669	2.5
Sutter	1 171	3.3	11 901	2.8	766	5.5	8 121	9.7	670	6.6	12 951	4.9
Tehama	1 147	3.0	5 004	4.6	397	9.4	2 659	7.6	558	6.4	7 352	4.4
Trinity	79	8.3	152	16.2	21	19.7	35	46.3	36	15.7	144	21.9
Tulare	4 265	1.8	44 682	1.3	2 750	2.8	36 870	2.2	2 596	3.0	72 169	1.3
Tuolumne	193	7.8	326	12.2	42	23.6	55	20.6	29	39.3	408	16.6
Ventura	1 494	3.2	21 391	1.3	681	6.3	8 547	4.4	684	6.4	18 830	3.1
Yolo	763	4.2	15 911	2.0	391	8.0	8 975	6.6	378	8.6	7 956	3.1
Yuba	578	4.3	4 768	3.1	282	6.9	5 292	10.4	260	9.6	4 738	4.7
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)
California	14 392	1.5	492 662	.5	69 894	1.0	291 385	.7	71 882	1.0	1 815 826	.3
Alameda	103	14.4	1 196	7.4	399	4.8	1 234	12.0	435	3.5	6 009	1.5
Alpine	1	—	(D)	(D)	6	—	(D)	(D)	6	—	(D)	(D)
Amador	59	29.3	1 181	5.9	350	2.4	772	10.7	327	5.2	2 555	5.6
Butte	283	11.0	3 886	10.3	1 744	1.9	5 511	2.5	1 807	1.9	18 007	2.6
Calaveras	59	30.0	672	9.5	373	6.1	821	12.8	393	4.9	1 420	6.3
Colusa	283	10.3	8 315	6.3	621	4.9	3 172	5.1	817	2.2	20 501	4.2
Contra Costa	147	11.9	2 161	3.3	590	3.0	1 698	4.2	620	2.7	7 018	2.8
Del Norte	13	6.2	175	1.3	80	3.7	234	1.9	71	3.7	4 265	.1
El Dorado	76	23.4	228	22.9	658	2.2	1 135	10.3	610	3.2	1 577	7.2
Fresno	1 356	4.4	51 610	1.7	6 324	1.3	29 673	1.2	6 576	1.2	194 321	.6
Glenn	317	8.8	6 757	6.5	1 019	2.8	4 336	3.3	1 158	1.8	17 939	2.9
Humboldt	243	10.1	2 519	8.0	782	3.4	1 601	7.7	812	2.4	6 940	4.3
Imperial	344	6.8	33 520	.8	535	4.2	5 549	3.8	631	1.8	60 994	.5
Inyo	33	4.0	481	2.9	60	3.4	183	2.1	71	3.1	624	2.1
Kern	518	5.0	42 977	1.2	1 840	1.5	19 071	2.1	1 943	1.4	165 942	.7
Kings	318	6.0	15 107	1.5	1 002	1.8	6 841	1.0	1 034	1.8	51 728	.5
Lake	45	34.1	357	17.0	778	2.4	1 721	6.9	616	3.9	3 672	14.8
Lassen	33	21.3	515	5.0	309	1.1	1 184	5.1	273	3.5	4 990	11.1
Los Angeles	254	9.9	2 800	1.5	1 223	2.8	2 884	6.8	1 298	2.7	29 232	.5
Madera	352	10.0	10 739	5.2	1 597	1.6	8 980	2.1	1 645	1.6	45 013	1.1
Marin	105	11.2	1 524	8.8	223	4.6	1 186	26.9	260	.9	4 329	2.0
Mariposa	51	33.0	271	6.2	236	5.2	312	14.8	240	4.9	670	9.3
Mendocino	180	16.0	930	18.5	1 038	1.6	2 694	5.4	949	3.1	8 188	2.8
Merced	684	5.2	21 213	2.0	2 579	1.6	13 643	1.5	2 745	1.3	75 419	.7
Modoc	140	13.1	3 215	12.5	452	2.0	1 707	6.9	431	2.9	7 365	4.1
Mono	12	7.8	290	2.4	64	3.5	271	2.0	67	3.5	672	1.0
Monterey	472	5.7	64 118	.8	921	2.8	9 809	2.0	1 156	1.9	135 087	.3
Napa	137	15.4	1 161	4.2	1 125	2.0	9 093	5.8	1 124	1.7	11 740	5.5
Nevada	19	50.5	106	12.9	403	2.3	742	9.6	364	4.7	789	11.0
Orange	108	6.4	4 808	1.0	293	4.2	2 153	2.2	360	2.7	30 779	1.1
Placer	147	16.6	763	13.8	1 062	1.9	1 712	7.0	1 050	2.0	3 766	3.4
Plumas	27	15.2	183	22.0	113	3.4	336	6.8	107	4.3	674	7.7
Riverside	370	8.0	15 340	1.4	3 222	1.6	15 439	3.1	3 323	1.6	90 693	.6
Sacramento	298	8.4	6 822	3.2	1 297	2.1	3 762	3.4	1 259	2.5	18 965	2.8
San Benito	160	12.0	4 210	3.7	464	4.3	2 335	5.4	495	4.3	10 138	1.6
San Bernardino	265	8.0	10 010	2.7	1 482	1.9	4 374	2.3	1 503	2.2	57 226	.6
San Diego	396	9.0	8 749	3.5	6 214	1.1	15 693	2.8	6 117	1.3	79 468	1.6
San Francisco	5	2.6	(D)	(D)	2	—	(D)	(D)	6	2.2	(D)	(D)
San Joaquin	825	5.1	22 703	3.0	3 739	1.3	15 278	1.8	3 805	1.3	79 469	.9
San Luis Obispo	398	9.8	7 030	7.3	1 636	2.6	5 544	4.9	1 663	2.2	19 292	1.4
San Mateo	75	18.0	1 430	5.7	252	4.9	1 145	14.1	291	3.4	14 408	.4
Santa Barbara	314	9.0	14 743	1.7	1 342	2.9	6 057	4.3	1 491	2.3	55 418	.7
Santa Clara	197	10.3	3 230	2.0	884	3.4	2 547	9.9	967	2.9	14 662	1.1
Santa Cruz	217	11.0	5 156	1.7	618	4.0	2 558	7.6	696	3.2	25 628	1.0
Shasta	125	16.8	495	15.1	781	2.7	1 432	9.3	759	3.0	3 885	6.7
Sierra	10	7.2	161	5.1	45	4.9	117	6.3	45	4.8	213	8.9
Siskiyou	222	10.6	2 734	4.7	616	3.6	1 562	5.4	635	2.6	5 278	2.3
Solano	197	11.8	4 383	2.5	759	2.5	2 443	5.3	812	2.0	11 061	3.3
Sonoma	496	7.9	6 227	4.9	2 423	1.9	8 096	4.0	2 438	1.8	28 453	2.4
Stanislaus	889	5.3	19 607	3.2	3 898	1.4	13 451	1.7	4 015	1.3	76 808	1.0
Sutter	336	11.0	7 278	14.7	1 183	3.2	6 156	4.2	1 261	2.2	21 449	3.9
Tehama	176	13.7	2 050	6.4	1 311	1.6	2 828	3.0	1 315	1.6	11 806	2.7
Trinity	14	27.9	87	9.7	107	3.2	177	6.9	96	5.5	298	8.4
Tulare	852	5.0	28 167	1.5	5 138	1.1	21 936	1.2	5 113	1.2	132 901	1.0
Tuolumne	37	26.8	608	4.9	242	2.7	345	9.4	202	7.6	1 068	4.4
Ventura	246	8.7	20 349	1.2	2 042	1.2	11 480	3.3	2 094	1.3	99 057	.7
Yolo	233	10.2	14 815	4.9	774	3.3	3 835	6.6	861	2.3	25 577	1.7
Yuba	120	12.3	2 484	17.6	624	3.0	2 515	7.0	624	3.5	10 251	2.8

See footnotes at end of table.

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

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

Geographic area	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)
California -----	77 663	1.0	3 179 111	.4	64 417	.9	10 479 268	.4	56 785	.9	7 760 773	.3
Alameda -----	482	1.2	5 052	13.6	296	1.5	41 663	2.6	181	2.0	12 999	2.9
Alpine -----	6	—	3	—	4	—	(D)	(D)	2	—	(D)	(D)
Amador -----	366	.9	2 117	25.2	240	1.3	18 514	2.4	157	1.8	6 691	3.0
Butte -----	1 944	1.1	42 772	4.3	1 739	.9	235 199	.9	1 610	1.0	171 901	.8
Calaveras -----	440	1.1	2 119	25.6	226	1.7	23 598	3.9	118	2.5	2 498	4.8
Colusa -----	836	1.9	34 030	5.8	783	1.6	292 142	.9	748	1.6	222 244	.8
Contra Costa -----	675	1.2	7 521	5.4	455	1.2	52 091	1.3	361	1.4	28 867	1.6
Del Norte -----	86	3.6	6 890	.5	66	2.3	8 130	1.6	43	3.5	(D)	(D)
El Dorado -----	688	1.0	-605	92.3	467	1.1	17 187	2.6	348	1.3	3 670	1.8
Fresno -----	7 020	1.0	378 830	1.1	6 393	.9	1 208 482	.3	6 040	1.0	1 013 424	.2
Glenn -----	1 186	1.3	37 423	5.8	1 039	1.2	250 698	.9	898	1.2	181 258	.8
Humboldt -----	873	1.3	11 676	8.4	595	1.3	58 209	1.8	422	1.5	13 655	1.6
Imperial -----	657	1.2	109 667	.8	569	1.0	449 868	.3	530	1.0	405 699	.3
Inyo -----	79	2.9	774	4.6	41	3.1	(D)	(D)	28	4.0	5 787	3.5
Kern -----	1 995	1.1	214 364	.9	1 522	.9	963 761	.2	1 329	.9	760 159	.2
Kings -----	1 093	.9	113 460	1.0	934	.9	519 526	.2	844	.9	431 212	.2
Lake -----	816	1.2	5 174	14.5	736	.9	34 555	2.3	693	.9	23 159	1.8
Lassen -----	311	1.1	3 091	20.2	251	1.0	98 283	1.1	176	1.5	44 723	1.3
Los Angeles -----	1 445	1.5	48 342	2.0	897	1.4	53 163	1.9	812	1.5	29 347	1.4
Madera -----	1 710	.9	107 475	1.8	1 419	.9	322 088	.5	1 277	1.0	271 352	.3
Marin -----	260	.9	6 522	9.9	126	1.8	33 277	2.1	73	2.6	6 186	2.0
Mariposa -----	256	1.3	-113	(H)	95	2.7	16 867	3.8	40	4.6	(D)	(D)
Mendocino -----	1 087	1.2	12 646	9.6	823	1.1	61 599	1.3	707	1.1	29 298	.8
Merced -----	2 879	.9	162 137	1.3	2 522	.8	534 318	.3	2 207	.9	417 346	.3
Modoc -----	465	1.1	9 414	13.9	411	1.1	198 710	.9	320	1.3	101 446	.9
Mono -----	73	3.3	1 462	3.0	49	2.6	(D)	(D)	44	2.9	9 787	1.4
Monterey -----	1 245	1.0	272 991	.4	985	.9	340 236	.5	870	.9	255 938	.3
Napa -----	1 227	.9	29 227	7.4	1 135	.9	66 498	1.1	1 068	.9	47 448	.5
Nevada -----	415	1.5	1 117	69.7	256	1.3	14 297	3.3	161	1.9	3 596	3.1
Orange -----	379	1.1	43 979	1.0	299	1.1	18 811	.9	289	1.1	16 945	.6
Placer -----	1 125	1.0	535	(H)	763	1.1	55 982	1.9	423	1.4	22 721	2.0
Plumas -----	124	2.2	983	13.9	97	1.6	33 074	2.1	53	2.8	7 608	2.2
Riverside -----	3 513	1.2	151 778	1.3	2 726	1.0	273 322	.4	2 457	1.0	226 950	.3
Sacramento -----	1 427	1.1	31 996	5.5	1 030	1.0	184 522	1.0	722	1.2	135 170	.9
San Benito -----	611	1.0	24 503	6.5	472	1.1	77 608	1.2	407	1.2	47 580	.8
San Bernardino -----	1 652	1.2	96 174	1.4	1 070	1.2	53 657	1.3	878	1.3	36 058	1.2
San Diego -----	6 566	1.0	107 927	2.3	5 989	.9	105 787	1.0	5 776	.9	71 276	.7
San Francisco -----	6	2.2	213	(H)	6	2.2	(D)	(D)	6	2.2	(D)	(D)
San Joaquin -----	4 096	.9	181 572	1.6	3 698	.8	555 819	.4	3 384	.9	468 572	.3
San Luis Obispo -----	1 881	1.2	29 043	6.4	1 439	1.1	304 740	.9	1 162	1.2	102 838	1.0
San Mateo -----	302	1.6	21 906	1.6	215	1.5	19 736	4.0	176	1.8	6 416	3.4
Santa Barbara -----	1 612	1.4	71 681	2.2	1 317	1.4	143 141	1.0	1 178	1.4	91 121	.6
Santa Clara -----	1 056	1.1	20 634	4.6	825	1.1	40 939	1.9	695	1.2	24 710	2.2
Santa Cruz -----	772	1.8	67 434	2.3	673	1.7	26 128	.9	639	1.7	22 541	.8
Shasta -----	843	1.6	2 669	19.3	621	1.5	62 649	2.1	396	1.9	23 897	2.1
Sierra -----	53	4.5	133	29.5	35	3.6	13 026	6.1	19	6.5	2 899	8.3
Siskiyou -----	690	.9	6 088	15.7	577	1.0	161 576	1.1	400	1.3	79 544	1.1
Solano -----	850	1.1	20 098	5.7	673	1.2	176 264	.7	567	1.3	124 869	.6
Sonoma -----	2 738	1.1	59 065	3.5	2 075	.9	147 467	.9	1 688	1.0	80 614	.8
Stanislaus -----	4 354	.9	138 713	1.8	3 755	.8	371 532	.4	3 263	.9	301 310	.4
Sutter -----	1 363	1.4	43 063	6.2	1 298	1.3	270 897	.9	1 243	1.3	232 014	.8
Tehama -----	1 380	.9	15 975	7.6	1 116	.8	120 902	1.1	897	1.0	60 380	.9
Trinity -----	112	2.5	-64	(H)	91	1.6	7 052	4.1	58	2.9	635	6.4
Tulare -----	5 467	.9	252 426	1.2	4 967	.8	693 417	.4	4 718	.8	607 361	.3
Tuolumne -----	249	1.5	-653	50.6	111	2.2	11 005	6.3	49	3.8	968	5.2
Ventura -----	2 195	.8	115 741	1.8	2 033	.7	130 775	.8	1 988	.7	107 157	.5
Yolo -----	912	1.2	31 571	5.7	816	1.0	365 208	.5	724	1.1	286 085	.4
Yuba -----	720	1.3	18 350	4.7	556	1.2	101 081	1.1	423	1.4	70 006	1.0
Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total	Relative standard error of estimate (percent)
California -----	56 546	.9	7 571 313	.3	19 097	.8	4 702 114	.2	13 105	.8	862 971	.4
Alameda -----	119	2.6	9 878	2.6	237	1.7	27 213	1.0	213	1.9	11 952	1.1
Alpine -----	4	—	2 893	—	5	—	1 213	—	4	—	830	—
Amador -----	125	2.2	8 037	1.8	227	1.3	47 812	.8	194	1.5	14 608	1.1
Butte -----	1 671	1.0	168 000	.8	338	1.8	24 267	1.6	290	1.9	11 851	1.8
Calaveras -----	106	2.6	12 804	1.2	281	1.4	34 658	1.0	250	1.5	19 920	.8
Colusa -----	741	1.6	204 546	.8	95	2.8	16 726	1.2	74	3.1	(D)	(D)
Contra Costa -----	303	1.6	23 759	1.5	188	2.1	30 050	1.1	155	2.3	(D)	(D)
Del Norte -----	31	4.3	4 077	.9	62	2.6	9 112	1.0	43	3.7	2 147	4.1
El Dorado -----	364	1.2	8 078	.9	238	1.7	11 355	.9	206	1.8	(D)	(D)

See footnotes at end of table.

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

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

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	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)
Fresno	6 138	1.0	998 950	.2	938	1.3	336 274	.2	599	1.5	21 345	1.0
Glenn	1 015	1.2	182 420	.8	421	1.4	66 753	.8	246	1.9	16 572	1.5
Humboldt	304	1.7	15 775	1.2	618	1.2	75 603	1.0	382	1.5	22 312	1.3
Imperial	557	1.0	406 782	.3	106	2.2	351 239	.1	18	6.9	8 921	.2
Inyo	56	2.0	16 192	3.1	47	2.6	17 837	.5	44	2.7	(D)	(D)
Kern	1 375	.9	736 217	.2	425	1.5	153 552	.3	307	1.7	35 208	.9
Kings	865	.9	409 507	.2	347	1.3	173 508	.1	117	2.8	3 805	1.2
Lake	330	1.5	17 015	.9	147	2.4	8 610	2.9	117	2.6	4 091	3.2
Lassen	193	1.3	57 312	1.1	193	1.3	48 788	.9	172	1.5	27 332	.9
Los Angeles	744	1.5	16 817	1.7	159	2.8	16 095	1.9	94	3.6	6 993	3.7
Madera	1 326	1.0	276 357	.3	437	1.4	105 288	.5	311	1.8	22 238	1.3
Marin	35	4.6	873	1.8	167	1.4	40 602	.9	118	1.9	8 903	1.8
Mariposa	37	5.0	592	4.7	181	1.5	26 410	1.4	157	1.7	(D)	(D)
Mendocino	525	1.3	23 060	.8	408	1.5	30 638	.8	351	1.5	15 526	.9
Merced	2 409	.9	427 815	.3	975	.9	329 494	.2	459	1.5	36 938	.9
Modoc	338	1.3	140 168	.7	268	1.5	92 986	.8	239	1.6	45 836	.9
Mono	58	2.1	24 257	2.3	40	3.0	10 402	2.2	39	3.1	5 069	3.0
Monterey	787	1.0	222 644	.1	396	1.6	119 748	.3	332	1.7	32 911	.7
Napa	822	1.0	40 149	1.1	140	2.6	11 609	1.8	104	2.9	(D)	(D)
Nevada	275	1.3	6 613	2.8	203	1.6	9 630	2.7	178	1.7	5 300	2.6
Orange	271	1.2	15 133	.6	23	6.2	5 248	4.6	13	8.6	(D)	(D)
Placer	783	1.1	32 955	1.7	595	1.2	27 990	1.6	489	1.3	(D)	(D)
Plumas	65	2.4	20 726	1.6	80	1.9	16 627	1.5	75	2.1	9 992	1.4
Riverside	2 455	1.0	191 672	.3	435	1.5	196 691	.3	177	2.5	4 707	2.7
Sacramento	912	1.1	132 860	.9	600	1.3	93 011	.7	430	1.6	23 078	1.5
San Benito	332	1.4	29 589	.9	240	1.7	46 595	.8	194	1.9	17 394	1.1
San Bernardino	906	1.3	36 339	1.3	436	1.2	326 191	.1	124	2.6	7 660	.6
San Diego	5 560	.9	67 223	.8	348	1.6	34 862	.9	226	2.0	7 971	1.4
San Francisco	4	—	4	—	—	—	—	—	—	—	—	—
San Joaquin	3 534	.8	467 987	.3	813	1.2	196 627	.4	487	1.6	23 153	1.4
San Luis Obispo	792	1.4	47 479	.9	770	1.3	81 936	.8	619	1.4	37 365	.8
San Mateo	155	2.0	4 602	1.7	68	3.7	5 360	3.3	54	4.3	2 895	3.4
Santa Barbara	1 139	1.5	79 424	.5	385	1.8	69 026	.6	305	1.9	30 221	.8
Santa Clara	560	1.3	17 322	.8	244	2.0	26 677	.7	181	2.3	11 341	.8
Santa Cruz	523	1.8	21 473	.8	74	4.4	4 197	5.6	52	5.2	1 440	8.8
Shasta	594	1.5	44 282	1.5	482	1.6	45 050	1.6	393	1.8	21 011	2.0
Sierra	29	4.4	10 028	5.9	40	3.1	6 909	4.3	37	3.2	3 815	3.5
Siskiyou	520	1.1	105 419	.9	395	1.2	77 417	1.0	346	1.3	39 763	1.0
Solano	535	1.3	103 423	.6	230	1.8	25 494	.9	190	2.0	10 414	1.1
Sonoma	1 142	1.1	44 549	1.0	792	1.2	97 243	.7	497	1.5	18 348	1.7
Stanislaus	3 761	.8	333 744	.4	1 348	.9	344 911	.3	735	1.2	37 421	1.0
Sutter	1 218	1.3	200 646	.8	129	2.9	9 354	4.1	102	3.2	4 215	4.9
Tehama	988	.9	71 572	.8	570	1.1	80 440	.5	445	1.2	33 259	.7
Trinity	60	3.0	668	6.6	65	2.5	6 469	1.0	51	3.1	3 382	1.1
Tulare	4 799	.8	607 560	.3	918	1.0	557 067	.1	454	1.4	39 503	.6
Tuolumne	94	2.5	4 574	10.5	171	1.5	13 685	1.6	147	1.8	5 896	1.9
Ventura	1 933	.7	101 291	.4	122	2.5	11 274	1.2	99	2.7	(D)	(D)
Yolo	650	1.1	234 112	.4	158	2.4	22 003	1.4	133	2.7	(D)	(D)
Yuba	579	1.2	83 070	.9	279	1.8	46 288	.8	237	2.0	10 364	2.1

Livestock and poultry — Con.

Geographic area	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
California	3 124	.4	1 249 038	—	2 221	1.2	258 130	.4	3 692	1.0	859 835	.2
Alameda	12	10.2	60	16.9	19	7.7	142	18.3	41	5.2	1 047	9.0
Alpine	—	—	—	—	—	—	—	—	—	—	—	—
Amador	6	11.9	10	12.4	24	5.8	139	10.7	34	4.4	1 712	4.7
Butte	19	6.8	1 106	2.5	46	4.8	(D)	(D)	85	3.6	7 105	2.0
Calaveras	8	9.2	20	16.7	26	5.6	528	10.6	45	4.4	1 802	5.9
Colusa	2	20.0	(D)	(D)	16	8.1	788	10.9	27	5.6	15 173	1.0
Contra Costa	6	10.9	(D)	(D)	22	7.0	290	11.7	27	6.5	734	14.0
Del Norte	17	4.6	2 522	.9	7	11.5	(D)	(D)	8	12.2	142	9.7
El Dorado	7	8.0	(D)	(D)	42	4.5	436	7.4	82	3.1	1 516	6.0
Fresno	148	1.4	72 350	(L)	74	4.1	20 508	.7	112	3.1	41 636	.3
Glenn	95	2.2	16 338	.6	28	6.1	(D)	(D)	73	3.3	15 948	1.7
Humboldt	178	1.9	18 862	1.0	40	5.5	318	7.4	128	2.7	13 777	3.0
Imperial	12	8.6	3 447	.1	12	11.0	521	17.1	19	3.9	61 364	(L)
Inyo	2	—	(D)	(D)	3	13.0	(D)	(D)	9	8.6	158	17.7
Kern	43	2.8	34 566	(L)	62	4.8	1 490	7.8	103	3.1	177 874	.1
Kings	159	1.1	86 235	.1	38	5.5	9 701	2.1	29	5.8	(D)	(D)
Lake	7	11.1	19	15.7	36	5.0	482	9.1	57	4.1	1 969	5.5
Lassen	16	5.8	168	2.0	18	5.6	246	2.8	46	3.5	4 373	4.1
Los Angeles	16	8.2	2 410	.2	88	4.1	1 393	3.7	92	3.7	14 855	.3

See footnotes at end of table.

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

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

Geographic area	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)
Madera	62	2.5	24 259	.1	32	6.4	1 614	11.7	48	4.8	17 169	.5
Marin	46	1.4	13 481	.1	9	9.0	149	24.8	50	3.4	20 998	2.8
Mariposa	1	28.7	(D)	(D)	6	13.7	27	16.5	21	6.6	464	5.6
Mendocino	18	6.8	1 075	.3	58	4.3	1 948	14.8	212	2.1	21 177	2.0
Merced	358	.7	144 771	.1	75	3.7	19 802	.9	87	3.2	20 798	.7
Modoc	28	5.2	116	2.3	22	6.4	779	9.0	57	4.0	14 338	3.0
Mono	—	—	—	—	1	24.9	(D)	(D)	6	5.7	17 802	(L)
Monterey	16	5.4	4 323	(L)	31	6.7	666	8.9	65	4.1	9 360	2.0
Napa	7	12.3	(D)	(D)	16	7.3	478	16.9	40	5.2	1 782	13.2
Nevada	14	7.2	68	12.1	27	5.5	566	13.8	48	3.9	3 154	5.4
Orange	—	—	—	—	6	11.0	266	3.8	8	10.7	86	12.3
Placer	19	6.7	(D)	(D)	57	4.2	527	10.3	147	2.5	7 412	2.6
Plumas	6	8.5	7	7.2	4	12.5	44	16.6	15	5.3	531	4.4
Riverside	156	1.2	116 799	(L)	114	3.3	10 472	2.3	105	3.1	45 977	.1
Sacramento	107	2.1	18 383	.2	77	3.7	2 954	8.9	112	3.2	5 674	3.0
San Benito	7	9.9	1 195	.2	7	11.4	480	17.8	25	6.2	14 207	.8
San Bernardino	223	.7	191 944	(L)	69	4.5	8 212	1.0	87	3.6	24 101	.5
San Diego	37	3.8	8 279	.5	152	2.7	2 275	8.4	83	3.6	1 056	5.3
San Francisco	—	—	—	—	—	—	—	—	—	—	—	—
San Joaquin	180	1.0	76 003	(L)	62	4.6	3 355	5.6	117	3.3	21 549	1.7
San Luis Obispo	27	6.0	434	1.4	103	3.5	3 344	2.7	97	3.5	9 783	1.0
San Mateo	—	—	—	—	4	19.8	38	21.8	10	10.3	162	15.8
Santa Barbara	16	6.0	3 860	.1	31	6.0	269	16.2	46	4.7	(D)	(D)
Santa Clara	14	7.3	1 339	.3	41	5.3	211	7.6	65	4.3	1 279	8.0
Santa Cruz	9	11.7	(D)	(D)	11	13.2	86	17.8	24	7.8	206	13.1
Shasta	29	6.0	944	2.1	67	4.3	1 189	6.5	74	3.9	1 682	5.8
Sierra	—	—	—	—	—	—	—	—	3	21.2	36	21.2
Siskiyou	22	5.2	1 620	1.6	25	5.8	1 087	24.2	50	4.0	4 356	4.0
Solano	12	7.3	2 525	.1	35	5.3	278	8.0	86	2.9	65 234	.7
Sonoma	152	1.4	32 987	.2	122	3.1	4 271	4.8	352	1.8	35 185	2.6
Stanislaus	383	.7	137 351	.1	95	3.3	6 699	6.1	114	3.1	3 773	4.9
Sutter	14	8.8	473	2.3	15	8.7	(D)	(D)	40	5.6	10 505	2.7
Tehama	62	3.0	6 073	.8	52	3.9	2 053	5.4	110	2.7	7 782	3.0
Trinity	5	16.4	8	21.9	11	9.1	62	14.5	14	7.4	258	8.1
Tulare	303	.8	215 480	(L)	77	3.4	116 952	.2	85	3.7	(D)	(D)
Tuolumne	4	14.1	10	12.2	14	7.7	104	16.5	11	10.1	218	15.7
Ventura	7	8.7	(D)	(D)	24	6.1	1 512	1.3	37	4.9	471	7.4
Yolo	7	10.4	(D)	(D)	34	5.5	2 066	5.6	62	3.7	34 462	.7
Yuba	20	6.4	1 543	.8	34	6.1	684	12.9	62	3.9	1 930	4.3

Geographic area	Livestock and poultry — Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
California	3 544	1.1	31 231 488	—	298	1.7	225 074 862	.1
Alameda	33	5.7	1 782	13.7	3	10.4	(D)	(D)
Alpine	—	—	—	—	—	—	—	—
Amador	14	7.5	323	10.1	2	22.0	(D)	(D)
Butte	83	3.7	6 600	1.9	12	9.4	(D)	(D)
Calaveras	37	4.7	(D)	(D)	1	—	(D)	(D)
Colusa	8	12.9	78	13.5	1	—	(D)	(D)
Contra Costa	37	5.3	623	7.8	1	28.4	(D)	(D)
Del Norte	5	19.0	64	24.3	1	43.3	(D)	(D)
El Dorado	92	2.9	1 542	4.1	2	15.8	(D)	(D)
Fresno	117	3.4	455 840	.3	56	1.9	68 433 240	(L)
Glenn	45	4.8	582	6.2	4	18.3	975	25.1
Humboldt	68	4.2	1 194	5.5	2	29.7	(D)	(D)
Imperial	13	9.7	265	13.1	—	—	—	—
Inyo	5	10.1	130	4.5	—	—	—	—
Kern	112	3.4	(D)	(D)	3	19.0	57	26.3
Kings	33	6.0	(D)	(D)	10	3.5	8 637 683	(L)
Lake	54	4.1	(D)	(D)	3	19.2	38	20.6
Lassen	23	4.9	382	5.8	1	33.7	(D)	(D)
Los Angeles	154	3.2	41 484	1.4	13	9.5	1 925 148	2.1
Madera	56	4.6	2 560	2.4	9	8.8	3 173 971	(L)
Marin	12	7.9	183	13.0	—	—	—	—
Mariposa	13	8.6	218	9.7	2	20.6	(D)	(D)
Mendocino	102	3.3	2 607	3.8	4	19.0	41	23.5
Merced	80	3.6	2 380 606	(L)	13	4.8	(D)	(D)
Modoc	30	5.4	589	5.6	—	—	—	—
Mono	7	11.5	80	11.2	—	—	—	—
Monterey	54	4.8	(D)	(D)	1	—	(D)	(D)
Napa	40	5.3	3 956	29.4	1	32.7	(D)	(D)
Nevada	51	3.8	796	6.5	1	25.6	(D)	(D)

See footnotes at end of table.

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

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

Geographic area	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)				
Orange	17	7.4	206	9.7	—	—	—	—	—			
Placer	119	2.8	4 109	13.9	3	16.6	70	17.1	—			
Plumas	14	6.3	375	10.6	—	—	—	—	—			
Riverside	182	2.5	9 270 221	(L)	11	9.1	59 696	20.9	—			
Sacramento	130	3.0	35 737	2.2	18	7.2	1 178 593	5.2	—			
San Benito	19	7.8	(D)	(D)	1	—	(D)	(D)	—			
San Bernardino	128	3.0	2 834 040	.1	13	8.0	1 889 501	3.1	—			
San Diego	252	2.0	3 929 964	(L)	6	12.4	146 742	5.4	—			
San Francisco	—	—	—	—	—	—	—	—	—			
San Joaquin	104	3.3	3 553 314	.2	23	5.4	2 966 733	2.9	—			
San Luis Obispo	113	3.4	16 584	.9	3	14.7	(D)	(D)	—			
San Mateo	17	8.3	629	11.2	1	31.9	(D)	(D)	—			
Santa Barbara	55	4.7	(D)	(D)	1	48.6	(D)	(D)	—			
Santa Clara	55	4.3	260 716	1.6	1	34.8	(D)	(D)	—			
Santa Cruz	33	6.6	(D)	(D)	2	18.6	(D)	(D)	—			
Shasta	90	3.6	1 673	5.1	4	19.2	(D)	(D)	—			
Sierra	4	15.9	44	15.3	—	—	—	—	—			
Siskiyou	39	4.6	619	5.1	2	24.4	(D)	(D)	—			
Solano	57	4.2	1 362	5.7	2	19.8	(D)	(D)	—			
Sonoma	188	2.5	1 075 166	(L)	6	8.1	4 643 902	(L)	—			
Stanislaus	146	2.5	3 901 643	.1	23	5.9	(D)	(D)	—			
Sutter	33	6.0	373	7.2	1	45.2	(D)	(D)	—			
Tehama	80	3.2	1 233	4.0	4	10.0	(D)	(D)	—			
Trinity	20	6.2	300	7.0	1	35.0	(D)	(D)	—			
Tulare	86	3.4	71 125	1.1	15	6.2	5 776 222	.6	—			
Tuolumne	25	5.9	570	6.8	—	—	—	—	—			
Ventura	67	3.8	2 300 805	(L)	2	24.0	(D)	(D)	—			
Yolo	40	5.5	1 674	12.5	2	24.4	(D)	(D)	—			
Yuba	53	4.7	1 037	7.9	7	11.7	831	12.6	—			
Geographic area	Selected crops harvested											
	Wheat for grain					Barley for grain						
	Farms		Acres	Quantity		Farms		Acres	Quantity			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)		
California	2 236	.6	569 044	.3	39 456 581	.3	933	1.0	204 119	.5	12 183 472	.5
Alameda	6	7.4	1 233	11.6	56 693	3.5	6	8.9	638	3.7	27 495	3.6
Alpine	—	—	—	—	—	—	—	—	—	—	—	—
Amador	6	10.1	785	2.7	44 420	2.4	1	34.5	(D)	(D)	(D)	(D)
Butte	34	3.9	7 624	2.2	493 852	1.8	3	9.7	(D)	(D)	(D)	(D)
Calaveras	—	—	—	—	—	—	2	21.3	(D)	(D)	(D)	(D)
Colusa	129	2.0	36 393	1.0	2 581 549	1.1	13	6.7	790	4.8	27 026	5.3
Contra Costa	11	5.7	3 609	9.4	167 149	6.7	4	13.5	(D)	(D)	(D)	(D)
Del Norte	—	—	—	—	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—	—	—	—	—
Fresno	126	1.2	26 233	.4	2 116 338	.4	69	1.6	19 281	.7	1 140 835	.6
Glenn	117	2.1	24 975	1.7	1 774 671	1.4	6	7.6	1 243	6.7	41 644	3.7
Humboldt	—	—	—	—	—	—	—	—	—	—	—	—
Imperial	194	1.1	63 514	1.0	5 014 469	1.0	2	24.2	(D)	(D)	(D)	(D)
Inyo	—	—	—	—	—	—	—	—	—	—	—	—
Kern	143	1.3	37 524	.6	2 396 382	.4	61	2.7	20 597	.5	1 284 316	.5
Kings	93	1.8	36 162	.4	2 684 498	.4	53	2.5	13 119	.4	874 897	.3
Lake	1	40.4	(D)	(D)	(D)	(D)	1	40.4	(D)	(D)	(D)	(D)
Lassen	9	8.7	703	13.9	36 863	11.5	7	11.8	123	12.9	8 632	14.3
Los Angeles	11	8.5	1 967	4.2	41 137	2.1	16	6.8	3 378	5.5	60 651	7.9
Madera	74	2.0	18 254	.7	1 283 743	.6	19	3.6	3 397	.6	283 050	.6
Marin	—	—	—	—	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—	—	—	—	—
Mendocino	1	39.0	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Merced	70	2.4	13 015	2.2	925 810	1.7	27	3.2	6 902	1.5	375 863	1.0
Modoc	34	3.2	2 344	3.3	179 230	3.0	89	2.5	12 612	1.7	1 291 130	1.8
Mono	—	—	—	—	—	—	—	—	—	—	—	—
Monterey	17	4.6	4 523	1.0	257 402	1.0	59	3.6	23 640	1.5	1 054 022	1.5
Napa	2	24.0	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	2	—	(D)	(D)	(D)	(D)
Orange	1	33.3	(D)	(D)	(D)	(D)	2	—	(D)	(D)	(D)	(D)
Placer	1	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—	—	—	—	—
Riverside	52	2.2	31 353	.4	1 277 714	.3	13	4.5	5 468	.9	158 006	1.5
Sacramento	106	2.2	23 840	1.7	1 739 631	1.7	19	5.3	1 702	3.9	95 984	3.8
San Benito	16	5.2	1 939	.6	123 392	.9	25	4.3	7 612	.6	406 389	.6
San Bernardino	6	12.5	(D)	(D)	(D)	(D)	3	11.4	382	14.6	(D)	(D)
San Diego	3	10.5	349	13.3	15 822	12.8	1	—	(D)	(D)	(D)	(D)
San Francisco	—	—	—	—	—	—	—	—	—	—	—	—
San Joaquin	198	1.3	49 969	.6	3 680 106	.5	45	3.1	6 554	2.1	353 855	2.9

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested											
	Wheat for grain					Barley for grain						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
San Luis Obispo	32	3.6	7 000	2.4	225 651	2.1	83	3.1	24 964	2.3	1 050 898	2.2
San Mateo	2	28.4	(D)	(D)	(D)	(D)	2	32.4	(D)	(D)	(D)	(D)
Santa Barbara	11	6.7	2 841	3.5	67 432	1.8	15	6.3	3 511	5.1	153 790	3.1
Santa Clara	7	10.4	828	13.2	48 116	10.7	2	31.5	(D)	(D)	(D)	(D)
Santa Cruz	—	—	—	—	—	—	—	—	—	—	—	—
Shasta	17	8.5	958	11.0	43 663	11.1	14	8.6	706	10.4	44 873	14.9
Sierra	—	—	—	—	—	—	—	—	—	—	—	—
Siskiyou	43	3.3	3 959	1.6	276 276	1.7	71	2.6	12 728	2.1	1 168 939	1.5
Solano	100	2.0	29 991	.8	2 178 246	.9	23	3.3	6 378	2.3	303 221	1.3
Sonoma	2	19.4	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Stanislaus	32	3.8	4 757	1.6	348 590	1.2	18	4.8	2 451	7.1	237 845	7.2
Sutter	132	2.1	25 746	1.1	1 787 089	1.0	9	9.3	622	6.4	45 015	8.1
Tehama	28	3.9	4 367	4.0	263 592	4.8	7	13.4	1 242	11.2	47 114	9.2
Trinity	—	—	—	—	—	—	—	—	—	—	—	—
Tulare	169	1.3	34 503	.8	2 480 759	.5	98	1.7	14 866	.9	1 129 818	1.0
Tuolumne	—	—	—	—	—	—	—	—	—	—	—	—
Ventura	2	—	(D)	(D)	(D)	(D)	13	7.5	1 627	18.2	111 076	22.3
Yolo	186	1.6	63 431	.9	4 577 157	.8	29	3.4	4 282	2.3	261 915	3.0
Yuba	12	5.1	1 659	2.0	129 408	1.6	1	49.8	(D)	(D)	(D)	(D)

Selected crops harvested – Con.

Geographic area	Rice					Cotton						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bales	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)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bales	Relative standard error of estimate (percent)
California	1 575	1.6	401 194	1.0	31 865 036	1.0	2 351	.5	1 066 060	.1	2 792 443	.1
Alameda	2	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Alpine	—	—	—	—	—	—	—	—	—	—	—	—
Amador	—	—	—	—	—	—	—	—	—	—	—	—
Butte	270	2.1	70 476	1.4	5 615 509	1.4	—	—	—	—	—	—
Calaveras	—	—	—	—	—	—	—	—	—	—	—	—
Colusa	409	2.1	95 254	1.4	7 538 539	1.5	—	—	—	—	—	—
Contra Costa	—	—	—	—	—	—	—	—	—	—	—	—
Del Norte	—	—	—	—	—	—	—	—	—	—	—	—
El Dorado	—	—	—	—	—	—	—	—	—	—	—	—
Fresno	9	6.5	6 936	1.6	456 929	1.0	666	.6	306 804	.1	891 040	.1
Glenn	269	2.0	64 473	1.5	4 987 132	1.4	—	—	—	—	—	—
Humboldt	—	—	—	—	—	—	—	—	—	—	—	—
Imperial	—	—	—	—	—	—	36	1.3	6 619	1.2	14 812	1.6
Inyo	—	—	—	—	—	—	—	—	—	—	—	—
Kern	—	—	—	—	—	—	472	.8	263 080	.2	655 369	.2
Kings	—	—	—	—	—	—	364	1.2	235 509	.2	627 189	.2
Lake	—	—	—	—	—	—	—	—	—	—	—	—
Lassen	2	12.5	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Los Angeles	—	—	—	—	—	—	—	—	—	—	—	—
Madera	—	—	—	—	—	—	143	1.6	43 857	.6	108 040	.7
Marin	—	—	—	—	—	—	—	—	—	—	—	—
Mariposa	—	—	—	—	—	—	—	—	—	—	—	—
Mendocino	—	—	—	—	—	—	—	—	—	—	—	—
Merced	4	7.1	1 188	4.8	106 960	4.4	198	1.4	73 292	.3	182 558	.3
Modoc	—	—	—	—	—	—	—	—	—	—	—	—
Mono	—	—	—	—	—	—	—	—	—	—	—	—
Monterey	—	—	—	—	—	—	—	—	—	—	—	—
Napa	—	—	—	—	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—	—	—	—	—
Orange	—	—	—	—	—	—	—	—	—	—	—	—
Placer	44	4.2	12 747	3.2	1 042 937	3.0	—	—	—	—	—	—
Plumas	—	—	—	—	—	—	—	—	—	—	—	—
Riverside	—	—	—	—	—	—	25	2.3	11 940	.4	26 736	.3
Sacramento	39	4.5	9 324	3.7	703 034	3.7	—	—	—	—	—	—
San Benito	—	—	—	—	—	—	—	—	—	—	—	—
San Bernardino	—	—	—	—	—	—	3	—	(D)	(D)	(D)	(D)
San Diego	—	—	—	—	—	—	—	—	—	—	—	—
San Francisco	—	—	—	—	—	—	—	—	—	—	—	—
San Joaquin	25	5.6	3 413	5.8	225 777	5.5	—	—	—	—	—	—
San Luis Obispo	—	—	—	—	—	—	—	—	—	—	—	—
San Mateo	—	—	—	—	—	—	—	—	—	—	—	—
Santa Barbara	—	—	—	—	—	—	—	—	—	—	—	—
Santa Clara	1	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Santa Cruz	—	—	—	—	—	—	—	—	—	—	—	—
Shasta	2	23.4	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Sierra	—	—	—	—	—	—	—	—	—	—	—	—
Siskiyou	—	—	—	—	—	—	—	—	—	—	—	—
Solano	—	—	—	—	—	—	—	—	—	—	—	—
Sonoma	—	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested — Con.											
	Rice					Cotton						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bales	Relative standard error of estimate (percent)
Stanislaus	14	6.6	2 923	7.0	210 719	7.3	6	10.0	(D)	(D)	(D)	(D)
Sutter	289	1.9	76 130	1.5	6 265 614	1.4	—	—	—	—	—	—
Tehama	7	12.4	1 277	8.5	90 210	7.6	—	—	—	—	—	—
Trinity	—	—	—	—	—	—	—	—	—	—	—	—
Tulare	—	—	—	—	—	—	438	1.0	122 675	.3	279 195	.3
Tuolumne	1	—	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Ventura	—	—	—	—	—	—	—	—	—	—	—	—
Yolo	66	2.7	25 423	1.9	1 991 603	1.8	—	—	—	—	—	—
Yuba	122	2.8	30 888	1.8	2 595 360	1.9	—	—	—	—	—	—

Geographic area	Selected crops harvested — Con.										
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)						Vegetables harvested for sale (see text)				
	Farms		Acres		Quantity		Farms		Acres		
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Relative standard error of estimate (percent)
California	9 286	.7	1 531 230	.4	7 567 342	.3	3 713	.8	1 016 744	.1	
Alameda	71	3.3	7 890	4.2	24 309	5.1	16	7.7	339	10.8	
Alpine	2	—	(D)	(D)	(D)	(D)	—	—	—	—	
Amador	23	5.1	1 691	3.6	4 763	1.9	4	11.7	(D)	(D)	
Butte	106	2.9	7 908	3.2	32 959	2.9	25	6.6	145	14.7	
Calaveras	18	7.0	596	7.9	1 141	7.9	5	12.2	10	13.9	
Colusa	70	2.7	11 888	2.4	53 357	3.0	52	2.0	20 706	.1	
Contra Costa	77	3.1	9 584	2.7	31 439	2.4	29	3.9	6 331	.3	
Del Norte	30	4.6	1 752	1.6	6 514	1.7	2	33.0	(D)	(D)	
El Dorado	25	5.7	495	7.2	731	7.4	24	5.9	49	8.5	
Fresno	525	1.2	90 771	.5	525 656	.5	539	1.1	143 521	.1	
Glenn	217	1.8	22 746	1.3	93 420	1.0	8	12.4	16	18.5	
Humboldt	276	1.7	12 910	1.6	39 346	1.6	43	5.5	253	10.7	
Imperial	360	1.1	219 866	.3	1 364 330	.3	149	1.3	84 569	.1	
Inyo	18	5.0	5 691	3.5	20 637	4.8	2	—	(D)	(D)	
Kern	385	1.0	91 970	.5	611 321	.4	164	1.3	68 407	.1	
Kings	310	1.3	44 495	.7	243 271	.6	42	3.1	8 597	.1	
Lake	96	3.0	6 129	6.0	14 389	6.5	10	9.5	31	17.6	
Lassen	155	1.6	40 788	1.2	134 261	1.5	5	4.0	(D)	(D)	
Los Angeles	67	3.9	8 829	2.8	35 927	3.2	41	4.8	3 342	.4	
Madera	167	1.7	39 743	.9	242 039	.6	31	4.6	5 572	1.0	
Marin	38	3.3	5 727	2.1	17 741	2.6	7	10.9	129	6.4	
Mariposa	7	10.2	191	3.4	439	3.0	—	—	—	—	
Mendocino	222	1.9	10 734	1.5	21 435	1.7	53	4.3	387	2.7	
Merced	655	1.0	126 696	.4	649 599	.4	116	1.8	25 448	.4	
Modoc	256	1.5	75 509	1.1	204 700	1.4	14	5.3	1 344	5.7	
Mono	34	3.4	9 511	1.4	29 858	1.4	3	—	641	—	
Monterey	120	2.6	12 119	2.1	47 429	1.1	286	1.2	233 266	.1	
Napa	39	4.7	1 947	6.2	3 319	6.8	21	6.5	(D)	(D)	
Nevada	48	3.7	2 713	4.1	4 030	2.0	9	9.1	25	11.6	
Orange	4	16.8	(D)	(D)	(D)	(D)	28	3.2	4 673	1.1	
Placer	78	3.3	5 071	3.1	10 866	3.3	24	6.0	285	2.7	
Plumas	44	3.2	7 475	2.1	17 311	1.4	1	26.2	(D)	(D)	
Riverside	226	1.9	71 271	.6	470 994	.4	115	2.7	29 828	.3	
Sacramento	300	1.8	29 295	1.9	101 621	1.9	67	3.1	6 250	.4	
San Benito	118	2.6	11 505	2.9	24 181	2.3	47	2.4	19 436	.1	
San Bernardino	144	2.4	22 785	1.6	135 633	1.7	34	5.1	1 614	1.9	
San Diego	90	3.0	5 472	2.6	10 838	2.8	126	2.6	4 661	.9	
San Francisco	—	—	—	—	—	—	—	—	—	—	
San Joaquin	583	1.2	82 220	.7	448 558	.6	278	1.2	59 068	.1	
San Luis Obispo	299	1.9	22 262	1.8	68 878	1.5	188	2.2	23 761	.4	
San Mateo	23	7.1	1 752	11.3	2 118	10.2	40	4.5	2 697	2.6	
Santa Barbara	136	2.5	12 361	2.6	36 116	2.4	167	2.1	50 673	.2	
Santa Clara	94	3.2	7 258	5.8	17 826	5.3	85	2.8	8 490	.7	
Santa Cruz	9	11.2	239	11.1	575	4.6	85	3.3	12 294	.4	
Shasta	213	2.5	17 147	2.3	66 512	3.0	28	6.8	235	2.6	
Sierra	16	7.2	2 793	8.6	4 468	11.9	—	—	—	—	
Siskiyou	324	1.4	53 083	1.4	191 935	1.4	14	7.3	298	5.9	
Solano	147	2.1	26 465	1.5	123 912	1.0	55	2.4	14 821	.2	
Sonoma	174	2.0	26 534	1.0	79 299	.7	118	3.1	1 165	4.8	
Stanislaus	655	1.0	68 631	.6	360 310	.5	108	2.1	36 857	.4	
Sutter	100	3.0	9 627	1.9	47 194	2.0	66	2.3	22 829	.2	
Tehama	214	1.8	14 123	1.8	48 232	2.1	16	8.2	61	7.3	
Trinity	13	6.8	481	8.6	904	10.3	12	8.5	42	12.7	
Tulare	573	1.0	110 147	.6	593 890	.5	85	2.8	6 343	1.1	
Tuolumne	18	6.1	659	6.1	1 438	7.4	1	37.3	(D)	(D)	
Ventura	49	4.3	4 104	8.1	10 562	7.1	88	2.6	46 021	.1	
Yolo	185	2.0	44 444	.6	223 099	.5	132	1.6	58 695	.1	
Yuba	40	4.0	2 785	6.3	10 744	5.2	5	10.8	(D)	(D)	

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested—Con.				
	Land in orchards				
	Farms			Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	
California	40 298	.9	2 245 781	.4	
Alameda	62	4.2	2 130	3.6	
Alpine	—	—	—	—	
Amador	131	2.0	3 465	2.5	
Butte	1 247	1.0	72 103	.7	
Calaveras	90	3.0	1 574	6.6	
Colusa	290	1.7	22 915	.8	
Contra Costa	241	1.9	5 420	2.3	
Del Norte	4	18.9	13	30.8	
El Dorado	296	1.4	3 136	1.8	
Fresno	5 012	1.1	367 375	.5	
Glenn	442	1.6	39 104	.8	
Humboldt	93	3.6	314	5.9	
Imperial	54	3.9	2 969	1.9	
Inyo	9	8.8	29	9.8	
Kern	782	1.1	236 526	.2	
Kings	376	1.5	22 587	.9	
Lake	629	1.0	16 238	1.3	
Lassen	9	7.0	27	9.9	
Los Angeles	435	2.1	3 231	6.2	
Madera	1 086	1.0	151 095	.4	
Marin	17	7.7	167	8.3	
Mariposa	32	5.4	191	6.8	
Mendocino	438	1.5	18 438	1.0	
Merced	1 399	1.1	117 902	.6	
Modoc	5	15.5	33	21.7	
Mono	8	11.2	63	17.6	
Monterey	160	2.4	36 561	.4	
Napa	1 017	.9	44 559	.5	
Nevada	89	2.7	529	3.6	
Orange	134	2.3	6 861	1.0	
Placer	286	1.8	3 634	1.6	
Plumas	2	18.2	(D)	(D)	
Riverside	2 010	1.1	73 496	.5	
Sacramento	251	1.9	15 796	.9	
San Benito	239	1.8	8 661	1.8	
San Bernardino	609	1.6	9 778	2.0	
San Diego	5 051	.9	54 025	.8	
San Francisco	—	—	—	—	
San Joaquin	2 633	.9	148 608	.6	
San Luis Obispo	624	1.5	20 593	1.7	
San Mateo	34	5.6	384	7.4	
Santa Barbara	708	1.6	23 862	.8	
Santa Clara	390	1.6	5 012	2.0	
Santa Cruz	343	2.4	8 902	1.7	
Shasta	174	2.8	1 539	4.3	
Sierra	1	37.3	(D)	(D)	
Siskiyou	33	5.1	154	7.0	
Solano	365	1.6	13 833	1.5	
Sonoma	1 348	1.0	48 812	.6	
Stanislaus	2 537	1.0	142 989	.6	
Sutter	881	1.4	57 479	1.0	
Tehama	685	1.1	35 422	.7	
Trinity	32	4.7	145	8.0	
Tulare	4 095	.8	282 903	.5	
Tuolumne	26	5.7	276	11.1	
Ventura	1 709	.8	58 710	.7	
Yolo	367	1.7	23 752	1.1	
Yuba	278	1.8	31 441	.8	

¹Data are based on a sample of farms.

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--	77 669	.9	14 333	18.5	15.6	2.6
Land in farms ----- acres --	28 978 997	.2	1 394 316	31.2	4.6	1.4
Average size of farm ----- acres --	373.1	.9	97.3	34.2	(X)	(X)
Farms by size:						
Less than 10 acres -----	21 485	1.1	9 841	24.4	31.4	5.5
10 to 49 acres -----	26 089	1.0	2 741	19.6	9.5	1.8
Less than 50 acres -----	47 574	1.0	12 581	20.1	20.9	3.6
50 acres or more -----	30 095	.7	1 752	25.2	5.5	1.3
50 to 99 acres -----	7 934	1.0	504	38.3	6.0	2.2
100 to 179 acres -----	5 949	.9	236	47.8	3.8	1.8
180 acres or more -----	16 212	.6	1 012	32.3	5.9	1.8
Harvested cropland ----- farms --	56 785	.9	6 378	19.9	10.1	2.0
----- acres--	7 760 773	.3	131 330	21.7	1.7	.4
Farms by value of sales:						
Less than \$1,000 -----	15 058	1.1	6 862	25.3	31.3	5.4
\$1,000 to \$2,499 -----	7 634	1.2	4 049	43.3	34.7	9.8
Less than \$2,500 -----	22 692	1.1	10 910	23.7	32.5	5.2
\$2,500 or more -----	54 977	.9	3 423	20.3	5.9	1.1
\$2,500 to \$9,999 -----	14 577	1.1	2 316	25.7	13.7	3.0
\$10,000 or more -----	40 400	.9	1 106	27.8	2.7	.7
Market value of agricultural products sold -----\$1,000 --	17 051 912	.1	146 298	27.0	.9	.2
Farms by standard industrial classification:						
Crops (01) -----	51 021	.9	5 686	21.7	10.0	2.2
Livestock (02) -----	26 648	.9	8 647	27.1	24.5	5.1
Farms by type of organization:						
Individual or family -----	60 187	.9	12 762	20.0	17.5	3.1
Partnership or corporation -----	16 417	.7	950	44.1	5.5	2.3
Other -----	1 065	1.3	478	59.6	31.0	12.9
Farms by tenure of operator:						
Full owners -----	56 559	.9	11 983	19.2	17.5	3.0
Part owners and tenants -----	21 110	.8	1 901	47.7	8.3	3.6
Part owners -----	11 471	.7	123	59.3	1.1	.6
Tenants -----	9 639	1.0	1 778	51.0	15.6	6.7
Operators by place of residence:						
On farm operated -----	51 485	.9	8 891	24.1	14.7	3.2
Not on farm operated -----	22 096	1.0	2 649	35.0	10.7	3.4
Not reported -----	4 088	.9	2 793	31.7	40.6	7.8
Operators by principal occupation:						
Farming -----	40 215	.8	2 669	56.2	6.2	3.3
Other -----	37 454	1.0	8 961	19.6	19.3	3.3
Operators by sex:						
Male -----	68 016	.8	9 634	16.1	12.4	2.0
Female -----	9 653	1.0	4 699	41.1	32.7	9.1
Operators by race:						
White -----	71 872	.9	10 127	23.3	12.4	2.6
Black and other races -----	5 797	1.1	1 503	46.1	20.6	7.8
Operators by years on present farm:						
4 years or less -----	11 765	1.3	5 156	24.2	30.5	5.4
5 years or more -----	56 058	.8	4 221	29.1	7.0	2.0
Average years on present farm -----	16.2	1.2	5.9	27.8	(X)	(X)
Not reported -----	9 846	.9	4 956	35.2	33.5	7.9
Average age of operator -----	55.2	1.2	45.8	20.8	(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.

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