Appendix C.
Statistical Methodology

THE SCREENING PHASE AND THE MAIL LIST MODEL

The 1997 Census of Agriculture featured a pre-census screening phase that surveyed selected records, by mail or telephone, for presence or absence of agricultural activity. Records selected for screening had a low probability of qualifying as farms. All records responding to the screener and reporting no agricultural activity were removed from the census mail list. Eliminating nonfarm records from the mail list reduced respondent burden and data collection costs.

The screening phase included nearly 500,000 records. Records were selected for screening using one of the following criteria:

1) Records on selected agriculture specialty lists that had no other list source,

2) Records identified by a mail list model as having a low probability of being a farm.

A mail list model predicted the probability that an addressee on the 1997 preliminary census mail list operated a farm. The model defined groups based on combinations of characteristics such as source(s) of the mail list record, expected value of agricultural production, and geographic location. Farm proportions were estimated for these groups by calculating the proportion of 1992 census respondent records that were farms which exhibited the characteristics defined by the group. This proportion, also called the in-scope rate, provided an estimate of the probability that an addressee in the group operated a farm.

Each address record on the 1997 preliminary census 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. Records with a farm probability of approximately 30 percent or less were selected for screening, along with records included on selected agriculture specialty lists as noted above.

Before screening, the preliminary census mail list consisted of 3,314,790 records. There were 478,298 records selected for screening. Of these, 125,570 records were determined to be nonfarms as a result of the screening phase and were removed. These records were removed from the final census mail list. The remaining 3,189,220 records received census report forms.

CENSUS SAMPLE DESIGN

All name and address records on the final census mail list were designated to receive a 1997 Census of Agriculture report form. Two different types of census report forms, sample and nonsample, were used to collect data. Sections 1 through 20 and 28 through 32 of the sample form were identical to sections on the nonsample census form. Sample form sections 21 through 27 contained additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, farm-related income, and hired workers. There were 11 regional versions of the nonsample form and 13 regional versions of the sample form with listings of crops varying by region. These 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. Mail list records were selected into the sample with certainty if they (1) were expected to have large total value of agricultural products sold or large acreage, (2) were multi-unit operations (i.e., separate farms producing under one company organization), (3) were in a county with less than 100 farms in 1992, or (4) had other special characteristics. Farms with special characteristics were abnormal farms, such as institutional farms, experimental and research farms, and Indian reservations. Mail list records in counties containing 100 to 199 farms in 1992 were systematically sampled at a rate of 1 in 2; records in counties containing 200 to 299 farms in 1992 were systematically sampled at a rate of 1 in 4; and records in counties containing 300 or more farms in 1992 were systematically sampled at a rate of 1 in 6. The remaining mail list records not chosen to receive the sample form received the nonsample census form. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

The census of agriculture complex edit and imputation system is an automated computerized system that performed the following functions:

- Ensured reasonable relationships between/among data items, values for various sizes of farms, combinations of commodities, and economic interactions.
- Ensured necessary consistencies were present (there were more than 70 distinct consistency requirements).
- Ensured climatic, geographic, legal, and physical constraints were met.

The system performed these and similar functions for more than 900 data key codes for sample records and approximately 850 data key codes for nonsample records.

For the 1997 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 for that record 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 fixed 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 was 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 Classifications 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 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 the same 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. An edit run usually consisted of 10,000 or more records.

After the initial computer edit, all keyed reports not meeting the census farm definition were reviewed to ensure that the data had been keyed correctly. Edit referrals were generated for 17 percent of the reports included as farms; they were reviewed for keying accuracy and 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 re-edited.

CENSUS ESTIMATION

The 1997 Census of Agriculture used two types of statistical estimation procedures to account for whole farm nonresponse and sample data collection. The procedures were necessary because some farm operators did not respond to the census despite numerous attempts to contact them, and estimates for certain data items were based on a sample of farm operators rather than a full enumeration.

Whole Farm Nonresponse Estimation

Whole farm nonresponse to the census occurred when a response was never received for a record. If the record was a large farm, as defined by value of production or acreage, or a unique farm operation, intensive telephone or personal followup was conducted during census processing to obtain a response. If these attempts failed, either the NASS survey database, the census historic database, or other more current sources were used to impute data for the record.

During mail list development, the State Statistical Offices (SSOs), in an effort to reduce respondent burden, identified records that participated in multiple NASS surveys and/or situations where there were special reporting relationships between an enumerator and a respondent. These records were referred to as tagged records. The SSOs had full responsibility for the data collection for these records, including imputation of data for the record if a response was not obtainable.

Whole farm nonresponse that occurred within the remaining universe of records was accounted for by a statistical weighting procedure. The weights of the responding farms were adjusted to account for farms that did not respond. The information needed for this process was obtained from the 1997 Nonresponse Survey. The SSOs conducted the nonresponse survey using computer-assisted telephone interviewing (Blaise-CATI) or personal enumeration when telephone contact was not possible. Alaska and Rhode

Island were not eligible for the survey because all nonrespondents were subject to extensive followup. In these cases, data were collected by telephone or other methods. The nonresponse survey collected information from a sample of census nonrespondents to determine farm status and estimate the proportion of farms in the nonresponse universe. The information was then used to estimate the number of nonresponding farm operations by State and county.

The 1997 Nonresponse Survey consisted of a stratified systematic sample of the nonresponse records within each State. The sample was selected near the end of the census follow-up operations. Five strata were defined to be homogeneous on probability of farm status and were based on screener status, total value produced, and list source(s) of the mail list record.

Based on survey results, estimates of the proportion of census nonrespondents operating farms were made for each stratum in the State. The estimates were applied to the total number of census nonrespondents in that stratum, providing a State estimate of the number of census nonrespondents that operated farms. The number of census nonrespondents that operated farms was then derived for each county by stratum. This estimation procedure assumed that the distribution of farms in a stratum by county was the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. Census respondent farms that were designated as large farms or tagged records or as farms that exhibited ''rare'' commodities were ineligible to represent nonrespondent farms and were excluded from the nonresponse weighting procedure. These records were assigned nonresponse weights of 1.0.

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, divided by the number of eligible census respondent farms. Stratum controls were established to ensure that this weight never exceeded 2.0. For the published tabulations of the complete count items, the noninteger nonresponse weight was randomly rounded to an integer weight of either 1 or 2 for each record. For the sample count items, the noninteger nonresponse weight was used in the calculation of the final sample weight.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentages in this table are 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 this table do not reflect the effect of item nonresponse to individual census data items. The effect of this item nonresponse is discussed in the ''Census Nonsampling Error'' section.

Sample Estimation

Sample data estimation determined the population totals that would have resulted from a complete census for the items in sections 21 through 27 of the sample form. The estimates were obtained from a weighting procedure that assigned 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.

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 were multiplied by 6.

The noninteger sample weight is calculated for each respondent sample farm by multiplying the noninteger nonrespondent weight by the sampling factor. For published tabulations of the sample count items, the noninteger sample weight was randomly rounded to an integer weight for each record. For certainty farms, the sampling factor equals 1 so the sample weight is just equal to the nonresponse weight. Sampling factor calculation for non-certainty farms is described below.

Within a county, the weighting procedure for non-certainty farms was performed in three steps using three variables. The first variable contained eight 1997 total value of agricultural production (TVP) groups. The second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The three sets of groups were:

TVP	SIC	Acres
$1 to $999	01, 08 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 classified the sample records into 32 mutually exclusive initial strata formed by the three variable groups. The total and sample farm counts were expanded to account for nonresponse. Each cell containing sample farm records was assigned an initial sample factor equal to the ratio of the total farm count to the sample farm count. This factor was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure combined, when necessary, the 32 initial strata to increase the reliability of the weighting procedure. Any stratum that contained less than 10 sample farms or had a factor greater than twice the mail sample rate was collapsed with another stratum. The mail sample rate was either 2, 4, or 6,

depending on whether the county had a 1 in 2, 1 in 4, or 1 in 6 sample selection rate. The collapsing occurred within the 32 initial 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 final strata and used to calculate final sample factors.

The final step calculated the noninteger sample weight as the product of the final sampling factor and the noninteger nonresponse weight. As described previously, the noninteger sample weight for each record is randomly rounded to an integer weight which is used in published tabulations. For example, if the final weight for a farm was 7.2, then the record would be rounded to either 7 or 8.

CENSUS SAMPLING ERROR

The sample for the 1997 Census of Agriculture was only one of a large number of possible samples of the same size that could have been selected using the same sample design. In this context, ''sample'' refers to the sample for both the nonresponse survey and the selection of farms to receive sample forms.

The standard error, or sampling error, of a survey estimate is a measure of the variation among the estimates from all possible samples. It is a measure of precision - that is, how well an estimate from a particular sample approximates the true population parameter. The percent relative standard error of an estimate is defined as the standard error of the estimate divided by the value of the estimate, then multiplied by 100. The true population parameter can be defined or conceptualized several different ways. One way is to think of the true population parameter as the average result of all possible samples (selected using a given sample design). A second way is to think of the true population parameter as the figure obtained from carrying out a complete enumeration of the population.

If all possible samples were selected, each of the samples surveyed under essentially the same conditions, and an estimate and its standard error 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 true population parameter.
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 true population parameter.

The following example illustrates the computations necessary to produce a confidence statement 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 0.1 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 true population parameter. 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. All farm operators were asked the complete count items. 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.

Only a sample of farm operators were asked the sample count items. These items appeared only in sections 21 through 27 of the sample 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, farm-related income, and hired workers.

Variability in the estimates of complete count items was due only to the nonresponse survey estimation procedure. With regard to the estimates of sample count items, variability was due to both the nonresponse survey estimation procedure and the census sample selection and estimation procedure. Therefore, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates. Percent relative standard error is a common measure of variability.

Table B provides the generalized reliability estimates of the estimated number of farms in a county that reported complete count and sample count items. The top half of the table shows the percent relative standard errors for estimated number of farms in a county that reported a complete count item, and the bottom half relates to sample count items. These reliability estimates are derived from regression equations. Separate regression equations were used to produce each section of table B. 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 the appropriate counties in the State. 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 1992 Census of Agriculture, variability in sample count

item estimates came only from nonresponse survey estimation procedures. The estimated relative standard error for a sample count item in these counties may be obtained using the first part of table B.

Use caution when referring to the ''Sample Count Item'' section of table B to make inferences on counties. Some counties may have been sampled at the rate of 1 in 2 or 1 in 4, but the reliability estimates shown were computed using only data from counties sampled at the rate of 1 in 6. Therefore, the reliability estimates shown would likely be overstated (or conservative) if the county was actually sampled at a higher rate.

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 standard error for percent change in State totals from 1992 to 1997. 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 1997 and the 1992 estimate for that characteristic to the 1992 estimate. This ratio is multiplied by 100 to obtain the percent change. The standard error of a percent change estimate 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 the (1) total number of farms, (2) number of large farms included with certainty, (3) size classifications of the farms sampled, (4) amount of nonresponse, (5) general agricultural characteristics, and (6) specific characteristic being measured.

The farm counts and related estimates displayed in tables A through F relate to unadjusted census totals. These totals are the same as the ''Census total'' displayed in the first column of table G (which will be discussed later in this appendix).

For most of the tables in this appendix, and also many of the tables throughout the publication, there is a footnote that reads ''Data are based on a sample of farms.'' The table entries that this footnote relate to are estimates of totals. To illustrate, suppose that the entry ''other farm-related income'' is shown with this footnote and has some number of farms given. This number given would represent an estimated total number of farms with ''other farm-related income,'' based on the farms that were in the sample. This number should not be interpreted as the number of farms in the sample that have ''other farm-related income.''

CENSUS NONSAMPLING ERROR

The accuracy of the census counts is 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. Nonsampling errors arise from many sources, including respondent or enumerator error or incorrect data keying, editing, or imputing for missing data. These nonsampling errors are further discussed in this section. Nonsampling error due to mail list incompleteness and duplication as well as misclassification of records on the mail list is called coverage error. The section titled ''Coverage Evaluation'' discusses the evaluation studies conducted to measure the extent of this error in the census.

Respondent and Enumerator Error

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. To reduce reporting error, detailed instructions for completing the report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. In addition, each respondent's answers were checked for completeness and consistency by the complex edit and imputation system.

Item Nonresponse

As information flowed from data collection to tabulation, various types of item nonresponses were identified on the census report forms. Nonresponse to particular questions on the census report form that logically should have been present created a type of nonsampling error in both complete count and sample count data. In this case, information from a similar farm was used to impute for these missing data items. The resulting data may have been biased if the characteristics of the nonreporting respondents were different from those of reporting respondents for those items.

Processing Error

All phases of processing for each census report form were potential sources for the introduction of nonsampling error. An automated check-in recorded that the report had been returned and excluded from further followup mailings. Approximately one-third of the mail returns were reviewed to resolve questions dealing with multiple reports, respondent remarks, or no reported data. The remaining mail returns (about two-thirds) were batched and sent directly to data keying, along with some of the reviewed cases containing farm data. Keyed records were transmitted, formatted, and run through the complex edit and imputation system. About one-fifth of all forms edited were clerically reviewed for inconsistencies, omissions, or questionable values. While reviewing these forms, the edit review staff determined if the action taken by the computer edit and imputation system was correct. Edited records were tabulated to the county level. Each county was reviewed and, when necessary, individual records were corrected prior to publication.

Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the operator's absence from the farm during the data collection period, and the operator's opinion that part or all of the operation does not qualify and should not be included in the census. During data collection and processing of the census, all operations underwent a number of quality control checks to ensure as accurate an application as possible.

COVERAGE EVALUATION

Coverage Overview

The primary objectives of the census of agriculture are to accurately count U.S. farms, measure commodity production and sales, and measure demographic characteristics of farm operators. Since 1945, an evaluation of census coverage has been conducted for each census of agriculture to provide estimates of the completeness of census farm counts. These results help to identify problems and focus improvements for future censuses.

According to coverage evaluation results, the past five censuses of agriculture included an average of 92 percent of U.S. farms and 98 percent of agriculture production. Complete enumeration of agricultural operations satisfying the farm definition of $1,000 or more in agricultural sales is complicated by the variety of arrangements under which farms are operated, the multiplicity of names used for an operation, the number of operations in which an operator participates, and the difficulty in classifying those operations just around the $1,000 sales range. In 1997, extensive efforts were made to compile as complete and accurate a mail list as possible, while reducing the duplication and number of nonfarm operations on the list.

The 1997 coverage evaluation program was designed to measure four components of error in the census farm counts. These components include:

1. Undercount due to farms Not on the Mail List (NML)
2. Overcount due to farms Duplicated or enumerated more than once (DUP)
3. Undercount due to farms Incorrectly Classified as nonfarms (ICU)
4. Overcount due to nonfarms Incorrectly Classified as farms (ICO).

The first component, mail list undercount, is by far the largest component of coverage error. Duplication, though occurring far less frequently, can involve larger farms and have a larger impact on acreage and sales estimates. The last two components involve the misclassification of either farms or nonfarms. Misclassification can arise from errors in either reporting or processing the data.

Table G - Coverage Estimates - illustrates the effect of coverage adjustments on census farm counts by demographic characteristics, land in farms, and total value of sales. The coverage total is defined as the net difference between undercounted and overcounted farms. The adjusted census total is the sum of the census total and the net coverage total. The relative standard error is shown for the final census coverage adjusted number. This number will be similar to the relative standard error for the census number, except when the coverage total is negative or close to zero. The coverage adjustment percentage shows the coverage total as a percentage of total census adjusted farms for that characteristic.

The 1997 Census of Agriculture is the first census to include all four components of coverage error in table G. Previous publications only included the coverage error component due to farms not on the mail list (NML). Because of this, caution should be taken when comparing coverage estimates from table G with previous years. In addition, the coverage total is a negative number for some characteristics. This means that the number of farms overcounted for this characteristic was greater than the number of farms undercounted.

Area Frame Surveys to Measure Mail List Undercoverage

Names and addresses collected in the 1997 June Agricultural Survey and 1997 Fall Area Survey were used to estimate the undercount due to farms not on the census mail list (NML). These names were matched to the census mail list, and those that did not match were contacted by telephone or person. The enumerator verified whether the operation had reported in the census, and if not, a census of agriculture report form was completed.

The percentage of farms missed in the census varies considerably by State. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. Farm operations could be missed for various reasons, including the possibility that the operation started after the mail list was developed, the operation may be so small as not to appear in any agriculture-related source lists, or the operation may have been falsely classified as a nonfarm prior to mailout.

Classification Error Survey to Measure Three Types of Coverage Error

The remaining three types of coverage error were measured by the Classification Error Survey. This survey was used to estimate the number of farms counted more than once (DUP), the number of farms misclassified as nonfarms (ICU), and the number of nonfarms misclassified as farms (ICO). A sample of census of agriculture respondents was selected for reinterview to determine their farm/nonfarm status and collect information to identify

potential duplication. The farm classification from this interview was compared with the classification on the census of agriculture report form. Any differences between these two classifications were reconciled to determine the true farm status. Each operation was reviewed for duplication by matching the additional information received from the reinterview (landlords, tenants, other names, etc.) to the list of census respondents. Potential duplication was reviewed and discrepancies reconciled.

In general, the classification error rate is higher for small farms close to the $1,000 agricultural sales requirement. This rate is also higher for farms with small acreage (less than 49 acres), higher for tenant farms than for full- or part-owner farms, and higher for farms where farming is not the operator's principal occupation.

Coverage Estimation

The adjusted census total, T, is estimated as the census farm count, C, plus undercount and minus overcount adjustments. Undercount includes 1) farms not on the mail list (NML) and 2) farms incorrectly classified as nonfarms (ICU). Overcount includes 3) nonfarms incorrectly classified as farms (ICO) and 4) farms duplicated in the census (DUP). Altogether, the adjusted census total is:

$$T = C + (NML + ICU) - (ICO + DUP).$$

In some States, estimates of misclassification of farms owned by operators having rare demographic characteristics were based on particularly small sample sizes. Where such small sample sizes occurred, a form of small area estimation was used in which data from similar States contributed to that State's estimates. In these cases, the coverage totals are weighted totals of the direct State estimate and the direct estimate from the region. Direct estimates were used to the largest extent possible, based on the amount of survey cases available for the particular item being estimated.

Table A. Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1997

Item	Percent of total	Item	Percent of total
Farms ..... number	18.6	Corn for grain or seed ..... acres	12.2
Land in farms ..... acres	10.9	Wheat for grain ..... acres	12.0
Estimated market value of land and buildings[1] $1,000	12.5	Livestock and poultry inventory:	
Market value of agricultural products sold $1,000	6.8	Cattle and calves ..... number	7.7
Harvested cropland ..... acres	12.3	Hogs and pigs ..... number	6.5
		Layers 20 weeks old and older ..... number	.4

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

Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item or Sample Count Item: 1997

Farms	Relative standard error of estimate (percent)	Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM		SAMPLE COUNT ITEM	
Number of farms reporting:		Number of farms reporting:	
25	6.6	25	44.3
50	4.4	50	30.6
75	3.3	75	24.4
100	2.5	100	20.6
150	1.5	150	16.0
200	.5	200	13.1
300	.4	300	9.3
500	.3	500	4.2
750	.2	750	3.4
1,000	.2	1,000	3.0
1,500	.2	1,500	2.4
2,000	(X)	2,000	(X)

Table C. **Reliability Estimates of State Totals for All Farms: 1997**

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

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms ..... number..	51 454	.9
Land in farms ..... acres..	45 525 414	.6
Average size of farm ..... acres..	885	1.1
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ..... farms..	51 454	.9
$1,000..	9 831 519	.4
Average per farm ..... dollars..	191 074	1.0
Farms by value of sales:		
Less than $1,000 (see text) ..... farms..	3 577	1.2
$1,000..	494	1.6
$1,000 to $2,499 ..... farms..	2 081	1.2
$1,000..	3 500	1.2
$2,500 to $4,999 ..... farms..	2 394	1.1
$1,000..	8 689	1.1
$5,000 to $9,999 ..... farms..	3 497	1.0
$1,000..	25 400	1.1
$10,000 to $19,999 ..... farms..	4 804	1.1
$1,000..	70 314	1.1
$20,000 to $24,999 ..... farms..	1 929	1.4
$1,000..	42 962	1.4
$25,000 to $39,999 ..... farms..	4 567	1.3
$1,000..	145 833	1.3
$40,000 to $49,999 ..... farms..	2 395	1.4
$1,000..	107 251	1.4
$50,000 to $99,999 ..... farms..	8 005	1.3
$1,000..	576 606	1.3
$100,000 to $249,999 ..... farms..	10 852	1.1
$1,000..	1 757 013	1.1
$250,000 to $499,999 ..... farms..	4 851	.6
$1,000..	1 657 038	.5
$500,000 or more ..... farms..	2 502	–
$1,000..	5 436 419	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ..... farms..	37 117	1.0
$1,000..	3 798 462	.7
Grains ..... farms..	33 845	1.0
$1,000..	3 534 220	.7
Corn for grain ..... farms..	26 982	1.0
$1,000..	2 322 029	.7
Wheat ..... farms..	9 775	1.0
$1,000..	192 559	.7
Soybeans ..... farms..	21 041	1.0
$1,000..	795 560	.8
Sorghum for grain ..... farms..	5 572	1.1
$1,000..	114 504	1.0
Barley ..... farms..	73	3.9
$1,000..	509	4.2
Oats ..... farms..	1 326	1.4
$1,000..	4 239	1.4
Other grains ..... farms..	2 457	.9
$1,000..	104 820	.7
Cotton and cottonseed ..... farms..	–	–
$1,000..	–	–
Tobacco ..... farms..	–	–
$1,000..	–	–
Hay, silage, and field seeds ..... farms..	11 459	1.0
$1,000..	154 487	.9
Vegetables, sweet corn, and melons ..... farms..	264	2.3
$1,000..	3 163	4.3
Fruits, nuts, and berries ..... farms..	65	4.5
$1,000..	556	9.7
Nursery and greenhouse crops ..... farms..	346	2.2
$1,000..	21 791	2.0
Other crops ..... farms..	481	1.4
$1,000..	84 245	.5
Livestock, poultry, and their products ..... farms..	33 210	.9
$1,000..	6 033 057	.2
Poultry and poultry products ..... farms..	825	1.5
$1,000..	149 495	.1
Dairy products ..... farms..	1 031	1.4
$1,000..	122 882	.9
Cattle and calves ..... farms..	29 505	.9
$1,000..	4 953 935	.2
Hogs and pigs ..... farms..	6 296	.9
$1,000..	782 163	.4
Sheep, lambs, and wool ..... farms..	1 658	1.2
$1,000..	8 371	2.0
Other livestock and livestock products (see text) ..... farms..	1 745	1.1
$1,000..	16 210	1.7
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	966	1.4
$1,000..	2 519	3.0

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ..... farms..	51 455	.9
$1,000..	7 596 196	.4
Average per farm ..... dollars..	147 628	1.0
Livestock and poultry purchased ..... farms..	19 837	1.5
$1,000..	2 405 077	.3
Feed for livestock and poultry ..... farms..	28 251	1.3
$1,000..	1 408 802	.4
Commercially mixed formula feeds ..... farms..	15 870	1.7
$1,000..	458 029	.7
Seeds, bulbs, plants, and trees ..... farms..	35 961	1.1
$1,000..	291 935	.9
Commercial fertilizer ..... farms..	35 657	1.1
$1,000..	435 501	1.0
Agricultural chemicals ..... farms..	33 973	1.2
$1,000..	274 565	1.2
Petroleum products ..... farms..	48 204	.9
$1,000..	320 080	.8
Electricity ..... farms..	41 140	1.0
$1,000..	108 478	1.0
Hired farm labor ..... farms..	21 469	1.4
$1,000..	300 578	.8
Contract labor ..... farms..	6 038	2.7
$1,000..	22 692	3.1
Repair and maintenance ..... farms..	44 105	1.0
$1,000..	387 111	.9
Customwork, machine hire, and rental of machinery and equipment ..... farms..	23 971	1.4
$1,000..	127 826	1.8
Interest ..... farms..	31 586	1.2
$1,000..	413 076	1.0
Secured by real estate ..... farms..	20 745	1.5
$1,000..	221 131	1.4
Not secured by real estate ..... farms..	21 160	1.5
$1,000..	191 945	1.0
Cash rent ..... farms..	18 740	1.5
$1,000..	330 922	1.4
Property taxes ..... farms..	46 913	.9
$1,000..	218 119	1.1
All other farm production expenses ..... farms..	48 752	.9
$1,000..	551 435	.8
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]		
All farms ..... number..	51 456	.9
$1,000..	2 095 114	.9
Average per farm ..... dollars..	40 717	1.2
Farms with net gains[2] ..... number..	34 514	1.1
$1,000..	2 386 531	.7
Average net gain ..... dollars..	69 147	1.3
Farms with net losses ..... number..	16 942	1.5
$1,000..	291 417	1.5
Average net loss ..... dollars..	17 201	2.2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ..... farms..	35 367	1.0
$1,000..	315 711	.8
Other farm-related income[1] ..... farms..	21 986	1.5
$1,000..	136 121	3.1
Customwork and other agricultural services ..... farms..	5 292	3.2
$1,000..	48 432	5.4
Gross cash rent or share payments ..... farms..	7 343	2.8
$1,000..	72 561	4.5
Forest products, excluding Christmas trees and maple products ..... farms..	134	19.5
$1,000..	606	37.2
Other farm-related income sources ..... farms..	15 237	1.8
$1,000..	14 522	3.3
COMMODITY CREDIT CORPORATION LOANS		
Total ..... farms..	5 858	1.1
$1,000..	218 522	.8

See footnotes at end of table.

Table C. **Reliability Estimates of State Totals for All Farms: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	45 191	.9
	acres	22 092 954	.7
Harvested cropland	farms	41 652	.9
	acres	17 551 212	.7
Farms by acres harvested:			
1 to 9 acres	farms	1 526	1.2
	acres	7 479	1.3
10 to 19 acres	farms	1 443	1.2
	acres	19 358	1.2
20 to 29 acres	farms	1 059	1.4
	acres	24 513	1.4
30 to 49 acres	farms	1 852	1.2
	acres	70 287	1.2
50 to 99 acres	farms	4 130	1.2
	acres	298 880	1.2
100 to 199 acres	farms	7 139	1.2
	acres	1 023 125	1.2
200 to 499 acres	farms	11 968	1.2
	acres	3 921 717	1.2
500 to 999 acres	farms	8 677	1.0
	acres	6 032 229	1.0
1,000 acres or more	farms	3 858	–
	acres	6 153 624	–
Cropland:			
Pasture or grazing only	farms	14 346	1.0
	acres	1 840 068	1.1
Other cropland	farms	14 578	1.0
	acres	2 701 674	.9
Total woodland	farms	6 303	1.0
	acres	426 490	1.4
Pastureland and rangeland other than cropland and woodland pastured	farms	22 460	.9
	acres	21 876 974	.5
Land in house lots, ponds, roads, wasteland, etc.	farms	31 019	.9
	acres	1 128 996	.8
Irrigated land	farms	18 804	.9
	acres	6 939 036	.7
Acres irrigated:			
1 to 9 acres	farms	404	2.0
	acres	1 456	2.4
10 to 49 acres	farms	1 397	1.4
	acres	41 903	1.5
50 to 99 acres	farms	2 217	1.3
	acres	159 996	1.4
100 to 199 acres	farms	4 185	1.2
	acres	585 180	1.3
200 to 499 acres	farms	5 933	1.1
	acres	1 914 722	1.1
500 to 999 acres	farms	3 473	.8
	acres	2 368 486	.8
1,000 acres or more	farms	1 195	.1
	acres	1 867 293	.1
Harvested cropland irrigated	farms	18 573	.9
	acres	6 832 815	.7
Pasture and other land irrigated	farms	932	1.4
	acres	106 221	2.6
Land under Conservation Reserve or Wetlands Reserve Programs	farms	9 402	1.1
	acres	1 181 808	1.2
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	51 456	.9
	$1,000	29 199 610	.9
Average per farm	dollars	567 468	1.3
Average per acre	dollars	645	1.2
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	51 445	.9
	$1,000	4 348 888	1.1
Average per farm	dollars	84 535	1.4
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	35 627	1.1
	acres on which used	12 121 722	.9

Item		Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR			
All operators	farms	51 454	.9
	acres	45 525 414	.6
Full owners	farms	22 606	.9
	acres	11 956 154	.7
Part owners	farms	19 804	1.0
	acres	27 529 895	.6
Tenants	farms	9 044	1.0
	acres	6 039 365	.8
OWNED AND RENTED LAND			
Land owned	farms	43 092	.9
	acres	29 637 497	.6
Owned land in farms	farms	42 410	.9
	acres	25 905 014	.6
Land rented or leased from others	farms	29 086	.9
	acres	19 994 836	.7
	landlords	72 322	.9
Rented or leased land in farms	farms	28 848	.9
	acres	19 620 400	.7
Land rented or leased to others	farms	10 414	1.0
	acres	4 106 919	1.2
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		33 948	.9
Not on farm operated		12 587	1.1
Not reported		4 919	.7
Operators by principal occupation:			
Farming		35 742	.9
Other		15 712	.9
Operators by days worked off farm:			
Any		22 073	.9
200 days or more		13 129	.9
Operators by sex:			
Male	farms	48 802	.9
	acres	43 561 257	.6
Female	farms	2 652	1.2
	acres	1 964 157	1.0
Average age of operator	years	52.5	1.3
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	42 313	.9
	acres	30 501 087	.7
Partnership	farms	4 505	1.2
	acres	5 791 772	.7
Corporation:			
Family held	farms	4 040	1.1
	acres	8 397 689	.5
More than 10 stockholders	farms	61	3.3
10 or less stockholders	farms	3 979	1.2
Other than family held	farms	209	2.0
	acres	299 249	.9
More than 10 stockholders	farms	35	4.3
10 or less stockholders	farms	174	2.2
Other—cooperative, estate or trust, institutional, etc.	farms	387	2.1
	acres	535 617	1.3
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	8 637	2.0
	workers	18 771	1.4
Less than 150 days	farms	18 884	1.5
	workers	49 541	1.6
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	639	1.6
	number	730	1.7
Hired workers	farms	251	1.3
	number	440	1.0
Farm-related deaths:			
Operator and family members	farms	13	–
	number	14	–
Hired workers	farms	9	–
	number	9	–

See footnotes at end of table.

Table C. **Reliability Estimates of State Totals for All Farms: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
FARMS BY SIZE			
1 to 9 acres	farms	2 591	1.1
	acres	8 624	1.2
10 to 49 acres	farms	4 733	.9
	acres	123 704	1.0
50 to 69 acres	farms	1 174	1.3
	acres	68 229	1.3
70 to 99 acres	farms	2 557	1.2
	acres	206 613	1.2
100 to 139 acres	farms	2 058	1.2
	acres	240 084	1.3
140 to 179 acres	farms	3 975	1.2
	acres	627 517	1.2
180 to 219 acres	farms	1 678	1.4
	acres	331 617	1.4
220 to 259 acres	farms	2 038	1.4
	acres	485 371	1.4
260 to 499 acres	farms	8 932	1.2
	acres	3 311 072	1.2
500 to 999 acres	farms	10 338	1.1
	acres	7 358 831	1.1
1,000 to 1,999 acres	farms	6 717	.8
	acres	9 171 121	.8
2,000 acres or more	farms	4 663	.5
	acres	23 592 631	.3
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)	farms	27 663	1.0
	acres	20 274 481	.8
Vegetable and melon farming (1112)	farms	116	3.2
	acres	51 704	1.7
Fruit and tree nut farming (1113)	farms	41	5.9
	acres	2 319	12.1
Greenhouse, nursery, and floriculture production (1114)	farms	272	2.4
	acres	10 063	3.6
Other crop farming (1119)	farms	2 985	1.1
	acres	1 750 813	1.1
Beef cattle ranching and farming (112111)	farms	12 886	.9
	acres	18 533 353	.5
Cattle feedlots (112112)	farms	2 371	.8
	acres	3 292 753	.5
Dairy cattle and milk production (11212)	farms	603	1.6
	acres	323 775	1.7
Hog and pig farming (1122)	farms	2 563	1.0
	acres	832 622	1.0
Poultry and egg production (1123)	farms	149	2.7
	acres	23 372	3.9
Sheep and goat farming (1124)	farms	428	2.0
	acres	31 659	4.6
Animal aquaculture and other animal production (1125, 1129)	farms	1 377	1.2
	acres	398 500	1.9
LIVESTOCK			
Cattle and calves inventory	farms	29 298	.9
	number	6 732 637	.4
Beef cows	farms	23 881	.9
	number	1 966 105	.7
Milk cows	farms	1 352	1.2
	number	68 216	.9
Cattle and calves sold	farms	29 505	.9
	number	7 143 061	.2
	$1,000	4 953 935	.2
Hogs and pigs inventory	farms	6 017	.9
	number	3 452 386	.4
Hogs and pigs sold	farms	6 296	.9
	number	7 602 587	.4
	$1,000	782 163	.4
Sheep and lambs of all ages inventory	farms	1 615	1.2
	number	98 773	1.6
Sheep and lambs sold	farms	1 636	1.2
	number	95 783	1.7
Horses and ponies inventory	farms	8 112	.8
	number	45 838	.9
Horses and ponies sold	farms	1 311	1.2
	number	6 031	1.9
POULTRY			
Layers and pullets 13 weeks old and older inventory (see text)	farms	1 506	1.2
	number	10 469 041	.9
Layers 20 weeks old and older	farms	1 476	1.2
	number	9 830 477	1.0
Broilers and other meat-type chickens sold	farms	225	2.6
	number	725 964	.9
SELECTED CROPS HARVESTED			
Corn for grain or seed	farms	29 149	1.0
	acres	8 279 499	.7
	bushels	1 055 193 186	.7
Corn for silage or green chop	farms	4 058	1.0
	acres	209 587	.7
	tons, green	3 282 555	.7
Sorghum for grain or seed	farms	5 965	1.1
	acres	720 276	1.0
	bushels	56 264 473	1.0
Wheat for grain	farms	9 826	1.0
	acres	1 772 069	.7
	bushels	61 578 806	.7
Oats for grain	farms	2 612	1.2
	acres	86 955	1.1
	bushels	5 113 274	1.1
Soybeans for beans	farms	21 072	1.0
	acres	3 346 701	.8
	bushels	131 017 170	.8
Dry edible beans, excluding dry limas	farms	1 129	1.0
	acres	171 889	.8
	cwt	3 483 866	.8
Potatoes, excluding sweetpotatoes	farms	93	3.0
	acres	24 630	.5
	cwt	9 370 243	.4
Sugar beets for sugar	farms	367	1.5
	acres	60 429	1.2
	tons	1 032 584	1.2
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	25 215	.9
	acres	2 932 880	.7
	tons, dry	6 118 280	.7
Alfalfa hay	farms	19 375	.9
	acres	1 206 822	.8
	tons, dry	3 759 981	.8
Vegetables harvested for sale (see text)	farms	266	2.3
	acres	3 208	3.6

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

Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997

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

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms ..... number..	39 905	1.0
Land in farms ..... acres..	43 578 394	.6
Average size of farm ..... acres..	1 092	1.1
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ..... farms..	39 905	1.0
$1,000..	9 793 436	.4
Average per farm ..... dollars..	245 419	1.0
Farms by value of sales:		
$10,000 to $19,999 ..... farms..	4 804	1.1
$1,000..	70 314	1.1
$20,000 to $24,999 ..... farms..	1 929	1.4
$1,000..	42 962	1.4
$25,000 to $39,999 ..... farms..	4 567	1.3
$1,000..	145 833	1.3
$40,000 to $49,999 ..... farms..	2 395	1.4
$1,000..	107 251	1.4
$50,000 to $99,999 ..... farms..	8 005	1.2
$1,000..	576 606	1.2
$100,000 to $249,999 ..... farms..	10 852	1.1
$1,000..	1 757 013	1.1
$250,000 to $499,999 ..... farms..	4 851	.6
$1,000..	1 657 038	.5
$500,000 or more ..... farms..	2 502	–
$1,000..	5 436 419	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ..... farms..	33 286	1.0
$1,000..	3 784 566	.7
Grains ..... farms..	31 612	1.0
$1,000..	3 525 089	.7
Corn for grain ..... farms..	26 026	1.0
$1,000..	2 318 917	.7
Wheat ..... farms..	9 148	1.0
$1,000..	190 397	.7
Soybeans ..... farms..	20 182	1.0
$1,000..	792 917	.8
Sorghum for grain ..... farms..	5 247	1.1
$1,000..	113 540	1.0
Barley ..... farms..	68	3.9
$1,000..	491	4.2
Oats ..... farms..	1 242	1.4
$1,000..	4 148	1.4
Other grains ..... farms..	2 409	.9
$1,000..	104 679	.7
Cotton and cottonseed ..... farms..	–	–
$1,000..	–	–
Tobacco ..... farms..	–	–
$1,000..	–	–
Hay, silage, and field seeds ..... farms..	9 721	1.0
$1,000..	150 283	.9
Vegetables, sweet corn, and melons ..... farms..	175	2.7
$1,000..	3 001	4.7
Fruits, nuts, and berries ..... farms..	34	6.0
$1,000..	505	10.6
Nursery and greenhouse crops ..... farms..	232	2.6
$1,000..	21 458	2.1
Other crops ..... farms..	470	1.4
$1,000..	84 230	.5
Livestock, poultry, and their products ..... farms..	27 068	.9
$1,000..	6 008 869	.2
Poultry and poultry products ..... farms..	493	1.8
$1,000..	149 291	.1
Dairy products ..... farms..	1 018	1.4
$1,000..	122 821	.9
Cattle and calves ..... farms..	24 536	.9
$1,000..	4 933 946	.2
Hogs and pigs ..... farms..	5 840	1.0
$1,000..	780 794	.4
Sheep, lambs, and wool ..... farms..	1 097	1.5
$1,000..	7 299	2.3
Other livestock and livestock products (see text) ..... farms..	1 068	1.4
$1,000..	14 718	1.8
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	652	1.6
$1,000..	2 184	3.4
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ..... farms..	40 058	1.0
$1,000..	7 525 696	.4
Average per farm ..... dollars..	187 870	1.0
Livestock and poultry purchased ..... farms..	17 386	1.5
$1,000..	2 399 508	.3
Feed for livestock and poultry ..... farms..	23 954	1.3
$1,000..	1 403 490	.4
Commercially mixed formula feeds ..... farms..	13 805	1.8
$1,000..	456 248	.7
Seeds, bulbs, plants, and trees ..... farms..	33 158	1.1
$1,000..	290 540	.9
Commercial fertilizer ..... farms..	32 680	1.1
$1,000..	432 866	1.0
Agricultural chemicals ..... farms..	29 941	1.2
$1,000..	271 778	1.2
Petroleum products ..... farms..	39 300	1.0
$1,000..	313 851	.8
Electricity ..... farms..	34 935	1.1
$1,000..	105 958	1.0
Hired farm labor ..... farms..	19 663	1.4
$1,000..	299 270	.8
Contract labor ..... farms..	5 418	2.8
$1,000..	22 293	3.1
Repair and maintenance ..... farms..	37 000	1.0
$1,000..	377 508	.9
Customwork, machine hire, and rental of machinery and equipment ..... farms..	21 293	1.4
$1,000..	125 897	1.8
Interest ..... farms..	27 824	1.2
$1,000..	405 347	1.0
Secured by real estate ..... farms..	18 284	1.5
$1,000..	215 435	1.4
Not secured by real estate ..... farms..	19 330	1.5
$1,000..	189 912	1.0
Cash rent ..... farms..	17 568	1.5
$1,000..	329 178	1.4
Property taxes ..... farms..	36 740	1.0
$1,000..	203 752	1.1
All other farm production expenses ..... farms..	40 048	1.0
$1,000..	544 460	.8
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]		
All farms ..... number..	40 059	1.0
$1,000..	2 129 072	.8
Average per farm ..... dollars..	53 148	1.3
Farms with net gains[2] ..... number..	31 597	1.1
$1,000..	2 380 385	.7
Average net gain ..... dollars..	75 336	1.3
Farms with net losses ..... number..	8 462	2.4
$1,000..	251 314	1.7
Average net loss ..... dollars..	29 699	2.9
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ..... farms..	30 139	1.0
$1,000..	289 846	.8
Other farm-related income[1] ..... farms..	18 583	1.6
$1,000..	117 038	3.2
Customwork and other agricultural services ..... farms..	4 874	3.3
$1,000..	46 240	5.6
Gross cash rent or share payments ..... farms..	5 104	3.3
$1,000..	56 115	4.8
Forest products, excluding Christmas trees and maple products ..... farms..	92	22.8
$1,000..	567	40.1
Other farm-related income sources ..... farms..	13 828	1.9
$1,000..	14 116	3.3
COMMODITY CREDIT CORPORATION LOANS		
Total ..... farms..	5 769	1.1
$1,000..	218 371	.8

See footnotes at end of table.

Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997—Con.

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

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	37 163	1.0
	acres	21 283 757	.7
Harvested cropland	farms	36 352	1.0
	acres	17 344 057	.7
Cropland:			
Pasture or grazing only	farms	11 631	1.1
	acres	1 638 433	1.1
Total woodland	farms	4 844	1.1
	acres	373 108	1.5
Pastureland and rangeland other than cropland and woodland pastured	farms	17 911	.9
	acres	20 913 206	.5
Land in house lots, ponds, roads, wasteland, etc.	farms	24 374	1.0
	acres	1 008 323	.8
Irrigated land	farms	18 146	1.0
	acres	6 917 108	.7
Harvested cropland irrigated	farms	18 035	1.0
	acres	6 818 506	.6
Pasture and other land irrigated	farms	775	1.5
	acres	98 602	2.7
Land under Conservation Reserve or Wetlands Reserve Programs	farms	6 407	1.1
	acres	786 528	1.1
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	40 059	1.0
	$1,000	27 570 407	.9
Average per farm	dollars	688 245	1.3
Average per acre	dollars	636	1.2
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	40 048	1.0
	$1,000	4 098 807	1.1
Average per farm	dollars	102 347	1.5
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	32 658	1.1
	acres on which used	12 009 331	.9
TENURE OF OPERATOR			
All operators	farms	39 905	1.0
	acres	43 578 394	.6
Full owners	farms	13 860	1.0
	acres	10 678 196	.6
Part owners	farms	18 681	1.0
	acres	27 175 366	.6
Tenants	farms	7 364	1.1
	acres	5 724 832	.8
OWNED AND RENTED LAND			
Land owned	farms	33 074	.9
	acres	27 181 608	.6
Owned land in farms	farms	32 541	.9
	acres	24 443 756	.5
Land rented or leased from others	farms	26 208	1.0
	acres	19 458 919	.7
	landlords	68 222	.9
Rented or leased land in farms	farms	26 045	1.0
	acres	19 134 638	.7
Land rented or leased to others	farms	7 092	1.1
	acres	3 062 133	1.2
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		27 330	1.0
Not on farm operated		8 829	1.1
Not reported		3 746	.6
Operators by principal occupation:			
Farming		31 911	.9
Other		7 994	1.1
Operators by days worked off farm:			
Any		14 513	1.1
200 days or more		7 308	1.1
Operators by sex:			
Male		38 498	1.0
Female		1 407	1.4
Average age of operator	years	52.2	1.4

Item		Total	Relative standard error of estimate (percent)
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	31 955	1.0
	acres	28 936 837	.7
Partnership	farms	3 789	1.2
	acres	5 609 164	.6
Corporation:			
Family held	farms	3 725	1.1
	acres	8 234 898	.5
More than 10 stockholders	farms	55	3.3
10 or less stockholders	farms	3 670	1.1
Other than family held	farms	173	2.0
	acres	294 014	.8
More than 10 stockholders	farms	30	4.1
10 or less stockholders	farms	143	2.2
Other—cooperative, estate or trust, institutional, etc.	farms	263	2.3
	acres	503 481	1.3
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	8 253	2.0
	workers	18 373	1.4
Less than 150 days	farms	17 125	1.6
	workers	46 575	1.6
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	563	1.7
	number	646	1.8
Hired workers	farms	248	1.2
	number	432	.9
Farm-related deaths:			
Operator and family members	farms	11	–
	number	(D)	(D)
Hired workers	farms	9	–
	number	(D)	(D)
FARMS BY SIZE			
1 to 9 acres		969	1.6
10 to 49 acres		1 070	1.3
50 to 69 acres		474	1.8
70 to 99 acres		1 356	1.4
100 to 139 acres		1 219	1.5
140 to 179 acres		2 823	1.3
180 to 219 acres		1 266	1.5
220 to 259 acres		1 705	1.5
260 to 499 acres		7 975	1.2
500 to 999 acres		9 933	1.2
1,000 to 1,999 acres		6 549	.8
2,000 acres or more		4 566	.5
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)		23 978	1.0
Vegetable and melon farming (1112)		60	3.9
Fruit and tree nut farming (1113)		9	13.1
Greenhouse, nursery, and floriculture production (1114)		174	3.0
Other crop farming (1119)		1 735	1.3
Beef cattle ranching and farming (112111)		8 440	1.0
Cattle feedlots (112112)		2 077	.8
Dairy cattle and milk production (11212)		596	1.6
Hog and pig farming (1122)		2 235	1.0
Poultry and egg production (1123)		50	2.8
Sheep and goat farming (1124)		61	4.8
Animal aquaculture and other animal production (1125, 1129)		490	1.8
LIVESTOCK			
Cattle and calves inventory	farms	24 069	.9
	number	6 586 677	.4
Beef cows	farms	19 743	1.0
	number	1 895 135	.7
Milk cows	farms	1 231	1.3
	number	67 826	.9
Cattle and calves sold	farms	24 536	.9
	number	7 090 392	.2
	$1,000	4 933 946	.2
Hogs and pigs inventory	farms	5 584	1.0
	number	3 432 166	.4
Hogs and pigs sold	farms	5 840	1.0
	number	7 587 820	.4
	$1,000	780 794	.4
Sheep and lambs of all ages inventory	farms	1 075	1.5
	number	82 450	1.8
Sheep and lambs sold	farms	1 086	1.5
	number	81 871	1.9
Horses and ponies inventory	farms	5 743	.9
	number	32 793	1.0
Horses and ponies sold	farms	823	1.4
	number	4 923	2.2

See footnotes at end of table.

Table D. **Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
POULTRY			
Layers and pullets 13 weeks old and older inventory (see text)	farms	930	1.5
	number	10 451 982	1.0
Layers 20 weeks old and older	farms	910	1.5
	number	9 815 900	1.1
Broilers and other meat-type chickens sold	farms	127	3.4
	number	706 167	.9
SELECTED CROPS HARVESTED			
Corn for grain or seed	farms	28 085	1.0
	acres	8 255 582	.7
	bushels	1 053 413 323	.7
Corn for silage or green chop	farms	3 977	1.0
	acres	207 502	.7
	tons, green	3 250 376	.7
Sorghum for grain or seed	farms	5 614	1.1
	acres	710 745	1.0
	bushels	55 704 164	1.0
SELECTED CROPS HARVESTED—Con.			
Wheat for grain	farms	9 185	1.0
	acres	1 740 497	.7
	bushels	60 739 728	.7
Oats for grain	farms	2 474	1.2
	acres	84 922	1.1
	bushels	5 022 493	1.1
Soybeans for beans	farms	20 202	1.0
	acres	3 328 434	.8
	bushels	130 501 246	.8
Dry edible beans, excluding dry limas	farms	1 109	1.0
	acres	171 618	.8
	cwt	3 479 281	.8
Potatoes, excluding sweetpotatoes	farms	83	3.1
	acres	24 624	.5
	cwt	9 369 452	.4
Sugar beets for sugar	farms	365	1.5
	acres	(D)	(D)
	tons	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	21 677	1.0
	acres	2 813 000	.6
	tons, dry	5 943 444	.7
Alfalfa hay	farms	17 218	1.0
	acres	1 163 333	.8
	tons, dry	3 665 972	.8
Vegetables harvested for sale (see text)	farms	177	2.7
	acres	3 005	3.9

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

Table E. **Reliability Estimates of Percent Change in State Totals: 1992 to 1997**

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

Item	All farms		Farms with sales of $10,000 or more	
	Percent change from 1992 to 1997	Standard error of estimate	Percent change from 1992 to 1997	Standard error of estimate
Farms ..... number	–2.8	1.6	–5.6	1.7
Land in farms ..... acres	2.6	.9	2.3	.9
Average size of farm ..... acres	5.5	2.0	8.4	2.1
Estimated market value of land and buildings[1]:				
Average per farm ..... dollars	32.2	2.9	34.6	3.0
Average per acre ..... dollars	25.5	2.2	25.0	2.2
Estimated market value of all machinery and equipment[1]:				
Average per farm ..... dollars	22.3	2.8	23.6	3.0
Farms by size:				
1 to 9 acres	–29.9	1.3	–44.3	1.4
10 to 49 acres	10.0	1.8	–6.1	2.1
50 to 179 acres	3.8	1.5	–1.9	1.7
180 to 499 acres	–9.7	1.7	–12.9	1.7
500 to 999 acres	–5.7	1.8	–5.7	1.8
1,000 to 1,999 acres	6.9	1.4	7.1	1.4
2,000 acres or more	9.4	.6	9.1	.6
Total cropland ..... farms	–2.5	1.6	–4.5	1.7
acres	–1.4	1.2	–1.5	1.2
Harvested cropland ..... farms	–5.1	1.6	–4.2	1.7
acres	8.7	1.3	9.2	1.3
Irrigated land ..... farms	–2.7	1.6	–1.9	1.6
acres	9.9	1.1	10.2	1.1
Market value of agricultural products sold $1,000	19.8	.7	19.9	.7
Average per farm ..... dollars	23.2	2.2	27.0	2.4
Crops, including nursery and greenhouse crops $1,000	43.3	1.6	43.7	1.6
Livestock, poultry, and their products $1,000	8.5	.4	8.6	.4
Farms by value of sales:				
Less than $2,500	42.7	2.1	(X)	(X)
$2,500 to $4,999	–10.1	1.7	(X)	(X)
$5,000 to $9,999	–13.0	1.7	(X)	(X)
$10,000 to $24,999	–20.3	1.5	–20.3	1.5
$25,000 to $49,999	–16.7	1.6	–16.7	1.6
$50,000 to $99,999	–13.7	2.0	–13.7	2.0
$100,000 to $249,999	–	1.6	–	1.6
$250,000 to $499,999	35.8	.8	35.8	.8
$500,000 or more	41.5	–	41.5	–
Total farm production expenses[1] $1,000	13.2	1.2	13.4	1.2
Average per farm ..... dollars	16.4	2.1	19.8	2.3
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	–2.8	1.7	–5.4	1.7
$1,000	43.2	1.9	42.4	1.8
Average per farm ..... dollars	47.3	3.2	50.5	3.3
Operators by principal occupation:				
Farming	–8.6	1.5	–8.6	1.5
Other	13.9	2.1	8.8	2.5
Operators by days worked off farm:				
Any	5.5	2.0	1.8	2.2
200 days or more	10.1	2.1	6.4	2.5
Livestock and poultry:				
Cattle and calves inventory ..... farms	–3.7	1.6	–6.1	1.6
number	13.1	.7	12.9	.7
Beef cows ..... farms	–1.6	1.7	–3.7	1.7
number	5.9	1.1	5.1	1.1
Milk cows ..... farms	–36.3	1.2	–36.8	1.2
number	–18.1	1.1	–18.2	1.1
Cattle and calves sold ..... farms	–3.9	1.6	–6.2	1.6
number	14.5	.4	14.4	.4
Hogs and pigs inventory ..... farms	–44.4	1.0	–43.3	1.0
number	–17.6	.7	–17.2	.7
Hogs and pigs sold ..... farms	–45.5	.9	–44.0	1.0
number	–9.6	.7	–9.1	.7
Sheep and lambs inventory ..... farms	–26.1	1.4	–24.6	1.7
number	–34.9	1.4	–34.3	1.6
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	–24.4	1.5	–30.0	1.6
number	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold ..... farms	–22.1	2.6	–31.4	2.8
number	–61.5	.5	–62.1	.5
Selected crops harvested:				
Corn for grain or seed ..... farms	–1.8	1.7	–.5	1.7
acres	14.4	1.3	14.7	1.3
bushels	13.4	1.2	13.6	1.2
Corn for silage or green chop ..... farms	2.7	1.5	2.6	1.5
acres	7.5	1.0	7.1	1.0
tons, green	10.9	1.0	10.3	1.0
Sorghum for grain or seed ..... farms	–43.3	1.1	–41.2	1.1
acres	–49.0	.8	–48.5	.9
bushels	–54.1	.7	–53.7	.8
Wheat for grain ..... farms	–22.5	1.3	–20.8	1.4
acres	–1.6	1.2	–.5	1.2
bushels	15.1	1.4	15.8	1.4
Oats for grain ..... farms	–50.1	1.0	–49.8	1.0
acres	–50.6	.9	–50.3	.9
bushels	–54.9	.8	–54.7	.8
Soybeans for beans ..... farms	1.9	1.8	2.5	1.8
acres	47.1	1.9	47.6	1.9
bushels	47.5	1.9	47.9	1.9
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	–8.1	1.5	–9.1	1.6
acres	1.3	1.0	1.3	1.0
tons, dry	.8	1.1	1.0	1.1

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

Table F. **Reliability Estimates for the State and County Totals: 1997**

[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)
Nebraska	**51 454**	**.9**	**45 525 414**	**.6**	**885**	**1.1**	**567 468**	**1.3**	**4 348 888**	**1.1**
Adams	623	1.1	344 322	1.2	553	1.6	702 364	5.8	89 216	9.7
Antelope	803	.9	492 076	1.1	613	1.4	499 879	5.6	71 873	4.4
Arthur	83	.8	465 313	.8	5 606	1.1	1 168 441	3.2	5 042	2.0
Banner	220	.8	446 482	1.1	2 029	1.4	611 520	6.4	20 366	14.1
Blaine	118	.8	452 025	.9	3 831	1.2	757 176	4.3	6 889	6.9
Boone	767	1.0	447 951	1.2	584	1.6	511 300	5.1	65 447	6.6
Box Butte	508	.8	696 502	1.0	1 371	1.3	527 933	5.4	54 500	5.0
Boyd	361	1.1	296 581	1.8	822	2.1	271 805	8.0	22 529	9.7
Brown	349	.7	700 954	1.0	2 008	1.2	725 889	4.1	23 451	11.4
Buffalo	1 081	.9	621 227	1.2	575	1.5	534 528	3.4	89 814	4.9
Burt	580	.8	292 450	1.1	504	1.4	645 987	4.4	50 854	5.6
Butler	804	.9	353 539	1.1	440	1.4	475 981	4.0	66 154	6.6
Cass	694	1.0	300 586	1.3	433	1.7	663 430	5.3	51 332	5.8
Cedar	971	1.0	445 430	1.1	459	1.5	443 830	7.2	81 650	7.7
Chase	374	.8	556 674	1.2	1 488	1.5	1 048 371	5.3	45 185	4.4
Cherry	672	.6	3 881 831	.3	5 777	.7	1 153 465	1.8	56 372	5.7
Cheyenne	645	1.0	779 431	1.3	1 208	1.6	541 197	3.1	59 477	10.9
Clay	538	1.1	364 586	1.0	678	1.5	830 999	4.0	60 121	4.6
Colfax	604	1.1	230 403	1.4	381	1.8	478 892	5.7	51 559	5.7
Cuming	995	.7	359 603	.8	361	1.1	548 579	3.9	72 885	4.0
Custer	1 307	.9	1 552 166	1.0	1 188	1.4	547 349	3.4	87 390	4.1
Dakota	289	.8	142 068	1.3	492	1.5	504 194	6.4	21 682	6.2
Dawes	471	.9	821 756	1.2	1 745	1.5	459 682	6.8	23 635	15.2
Dawson	858	.9	649 847	1.2	757	1.5	624 814	4.9	71 972	4.1
Deuel	251	.6	281 509	1.2	1 122	1.3	538 214	5.2	21 962	6.2
Dixon	583	.9	242 611	1.4	416	1.7	352 498	7.7	34 372	5.7
Dodge	798	.7	323 080	.9	405	1.2	664 371	4.5	76 864	4.7
Douglas	368	.6	112 765	1.7	306	1.8	675 778	7.8	34 083	11.7
Dundy	323	.9	590 935	1.3	1 830	1.6	848 958	7.0	35 570	6.5
Fillmore	584	1.1	356 894	1.2	611	1.6	841 742	4.7	66 896	5.4
Franklin	430	.9	350 857	1.4	816	1.7	632 093	10.2	38 711	5.9
Frontier	362	1.0	531 174	1.4	1 467	1.7	685 578	7.8	31 080	6.3
Furnas	432	1.0	450 308	1.5	1 042	1.8	514 340	4.5	38 769	9.9
Gage	1 144	1.0	518 981	1.2	454	1.6	394 267	4.8	80 764	5.3
Garden	308	.9	1 077 766	.6	3 499	1.1	890 360	5.5	23 366	5.5
Garfield	206	.8	307 960	1.5	1 495	1.7	446 300	5.9	10 601	11.2
Gosper	252	.6	234 143	1.5	929	1.6	560 485	5.1	24 953	5.9
Grant	88	.5	476 881	.7	5 419	.9	1 087 169	3.0	5 876	1.9
Greeley	387	1.0	291 014	1.9	752	2.2	482 522	8.8	29 632	5.9
Hall	702	1.0	342 267	1.1	488	1.5	732 809	6.2	74 128	9.2
Hamilton	661	1.0	343 622	1.1	520	1.5	869 228	4.9	84 082	4.9
Harlan	371	.9	325 445	1.3	877	1.6	554 067	5.1	38 475	12.3
Hayes	257	.9	426 333	1.4	1 659	1.6	926 146	13.8	19 942	8.1
Hitchcock	339	1.1	406 227	1.6	1 198	1.9	654 466	6.2	39 833	8.4
Holt	1 291	1.0	1 464 097	1.0	1 134	1.4	553 667	5.9	126 761	8.0
Hooker	88	.6	371 490	.7	4 221	.9	666 570	2.6	2 550	1.4
Howard	646	1.0	329 984	1.4	511	1.8	405 465	7.9	47 024	6.5
Jefferson	626	1.0	315 125	1.3	503	1.6	457 055	5.7	45 096	8.7
Johnson	491	.8	196 857	1.6	401	1.8	306 107	6.3	23 685	12.3
Kearney	492	1.0	319 771	1.1	650	1.5	851 761	2.9	72 956	6.6
Keith	375	.7	606 891	.8	1 618	1.1	684 229	3.2	36 486	6.2
Keya Paha	225	1.1	499 714	1.4	2 221	1.8	596 378	6.1	12 951	7.4
Kimball	326	.9	565 199	1.2	1 734	1.5	468 363	5.2	24 149	6.6
Knox	1 053	.9	595 537	1.2	566	1.5	294 024	3.7	73 675	4.5
Lancaster	1 457	.6	421 089	1.0	289	1.2	399 604	5.0	74 768	3.9
Lincoln	1 019	.7	1 420 421	.8	1 394	1.1	736 788	4.3	72 630	6.6
Logan	124	.5	322 965	.7	2 605	.8	646 114	2.7	9 264	3.5
Loup	143	.9	339 195	1.3	2 372	1.5	638 823	5.7	8 058	6.2
McPherson	112	.6	443 334	1.0	3 958	1.2	705 360	3.8	4 629	6.9
Madison	782	.9	329 419	1.2	421	1.5	466 694	5.5	72 140	4.8
Merrick	553	1.0	273 892	1.3	495	1.6	603 161	7.1	52 052	6.6
Morrill	474	.7	860 864	.7	1 816	1.0	657 609	6.4	34 346	7.1
Nance	419	1.0	244 292	1.6	583	1.9	440 137	8.0	35 122	11.8
Nemaha	483	.9	239 209	1.2	495	1.5	586 386	5.5	32 399	8.3
Nuckolls	496	.9	327 445	1.3	660	1.6	426 322	6.2	38 711	14.5
Otoe	821	.9	354 430	1.2	432	1.5	400 132	4.3	57 388	7.1
Pawnee	444	.9	229 566	1.2	517	1.5	327 744	6.4	18 896	4.6
Perkins	490	.9	552 882	.9	1 128	1.3	606 223	4.8	47 735	8.4
Phelps	552	.9	378 814	1.1	686	1.4	876 345	4.7	91 022	4.9
Pierce	717	1.0	308 822	1.1	431	1.5	416 022	6.6	59 134	6.5
Platte	1 024	1.1	420 028	1.3	410	1.7	658 234	6.0	106 104	6.2
Polk	601	.9	258 541	1.2	430	1.5	584 223	7.2	63 914	6.4
Red Willow	438	.9	436 360	1.3	996	1.6	577 923	5.8	41 827	9.9
Richardson	717	1.0	318 617	1.3	444	1.7	366 716	4.6	37 361	5.8
Rock	316	.8	631 119	1.1	1 997	1.3	580 601	8.0	20 939	6.6
Saline	727	1.1	317 517	1.4	437	1.8	395 529	5.5	55 034	11.3
Sarpy	367	.7	101 682	1.5	277	1.7	622 743	7.3	25 183	11.9
Saunders	1 176	.9	435 865	1.1	371	1.4	581 020	4.1	104 755	6.3
Scotts Bluff	789	.7	442 909	1.2	561	1.4	372 646	3.8	61 198	4.4
Seward	833	.8	320 618	1.1	385	1.4	605 825	5.9	73 724	7.2
Sheridan	656	.9	1 486 934	.8	2 267	1.2	554 845	4.8	39 262	5.3
Sherman	483	1.1	323 887	1.5	671	1.9	366 918	5.6	37 081	9.3
Sioux	343	.6	1 114 619	.7	3 250	1.0	744 387	9.7	19 192	8.7
Stanton	609	.7	226 389	1.3	372	1.5	341 467	5.6	41 528	6.8

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

[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)
Thayer	569	1.1	368 478	1.3	648	1.7	674 167	5.8	62 035	5.0
Thomas	87	.9	368 521	1.2	4 236	1.5	678 285	3.8	3 526	2.6
Thurston	379	1.1	188 969	1.3	499	1.7	476 489	6.5	31 104	17.6
Valley	445	.9	332 590	1.5	747	1.7	467 923	7.7	34 094	10.9
Washington	692	.8	219 165	1.2	317	1.5	634 879	6.7	61 517	6.5
Wayne	612	.8	257 207	1.0	420	1.3	431 048	4.1	48 573	7.6
Webster	433	.9	313 779	1.4	725	1.7	442 262	6.4	22 002	5.2
Wheeler	186	.9	292 780	1.7	1 574	1.9	582 187	11.3	24 702	2.6
York	712	1.1	352 961	1.1	496	1.5	888 082	4.3	101 253	5.8

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Nebraska	**84 535**	**1.4**	**9 831 519**	**.4**	**191 074**	**1.0**	**51 455**	**.9**	**7 596 196**	**.4**
Adams	142 974	9.8	159 384	.7	255 834	1.3	624	1.2	131 803	1.4
Antelope	89 617	4.5	156 180	.7	194 496	1.1	802	1.0	113 021	1.4
Arthur	60 742	3.6	13 487	1.2	162 497	1.5	83	3.1	9 756	1.7
Banner	92 574	14.1	48 750	.6	221 591	1.0	220	.9	36 749	1.3
Blaine	58 382	7.1	16 287	1.4	138 027	1.6	118	1.8	14 874	2.8
Boone	85 329	6.7	163 955	.6	213 762	1.2	767	1.0	128 288	1.8
Box Butte	107 284	5.0	150 821	.3	296 892	.9	508	.8	124 643	1.0
Boyd	62 406	9.8	30 723	1.3	85 106	1.7	361	1.2	24 550	6.5
Brown	67 581	11.5	87 369	.4	250 341	.8	348	.9	73 729	1.7
Buffalo	83 008	5.0	158 551	.8	146 671	1.2	1 082	1.1	119 620	1.8
Burt	87 831	5.6	112 520	.6	194 000	1.0	579	.9	80 315	1.9
Butler	82 179	6.7	102 471	.9	127 451	1.2	805	1.0	73 352	2.1
Cass	73 966	5.9	67 160	1.3	96 772	1.7	694	1.1	40 681	4.0
Cedar	84 175	7.7	153 567	.8	158 153	1.3	970	1.1	115 314	2.1
Chase	120 817	4.6	104 194	.7	278 593	1.1	374	1.1	74 709	1.5
Cherry	84 013	5.7	100 280	.4	149 226	.7	670	.8	81 138	1.3
Cheyenne	92 212	11.0	111 325	.5	172 597	1.1	645	1.0	96 931	1.3
Clay	111 334	4.7	170 597	.6	317 096	1.3	540	1.1	139 665	1.4
Colfax	85 504	5.8	178 632	.5	295 749	1.2	603	1.1	147 481	1.1
Cuming	73 325	4.1	506 954	.2	509 501	.7	994	.8	415 685	.5
Custer	66 914	4.3	288 541	.5	220 766	1.0	1 306	1.0	206 332	1.2
Dakota	75 023	6.4	28 954	1.1	100 188	1.4	289	1.2	20 645	3.8
Dawes	50 181	15.2	28 195	1.4	59 863	1.7	471	1.1	22 313	4.7
Dawson	84 080	4.3	399 475	.3	465 589	1.0	856	1.1	303 931	.7
Deuel	87 500	6.3	21 073	1.1	83 956	1.2	251	1.2	16 725	5.0
Dixon	58 957	5.8	117 176	.5	200 988	1.1	583	1.3	96 773	1.3
Dodge	96 441	4.8	141 098	.6	176 815	1.0	797	.9	103 155	2.0
Douglas	92 618	11.8	44 144	.8	119 956	1.1	368	.9	31 369	3.9
Dundy	110 124	6.6	86 632	.7	268 209	1.2	323	1.1	63 977	3.1
Fillmore	114 352	5.6	141 652	.8	242 554	1.3	585	1.2	98 425	1.6
Franklin	89 816	6.0	55 683	1.1	129 496	1.4	431	.9	43 586	2.5
Frontier	85 620	6.4	75 638	.8	208 946	1.3	363	1.1	63 057	2.5
Furnas	89 330	10.0	76 853	.8	177 901	1.3	434	1.2	63 621	1.9
Gage	70 536	5.4	114 773	1.0	100 326	1.4	1 145	1.0	80 167	2.0
Garden	75 864	5.6	57 551	.7	186 855	1.1	308	1.2	47 432	1.2
Garfield	51 461	11.3	28 865	1.2	140 121	1.4	206	1.4	21 574	4.6
Gosper	98 627	6.0	51 653	.9	204 972	1.1	253	1.1	44 645	2.5
Grant	66 774	3.4	11 183	1.0	127 084	1.1	88	2.8	9 650	1.1
Greeley	76 768	6.0	46 419	1.3	119 946	1.6	386	1.0	37 349	3.5
Hall	105 595	9.2	146 375	.7	208 512	1.2	702	1.1	119 090	2.3
Hamilton	127 205	5.0	149 283	.8	225 844	1.3	661	1.1	109 562	2.2
Harlan	103 426	12.3	82 735	.7	223 006	1.1	372	1.0	65 660	2.5
Hayes	77 294	8.2	68 171	.5	265 256	1.0	258	1.2	57 325	2.1
Hitchcock	117 502	8.5	33 700	1.5	99 410	1.8	339	1.2	30 832	5.9
Holt	98 188	8.1	246 073	.5	190 607	1.1	1 291	1.1	191 580	1.2
Hooker	28 972	2.8	8 541	1.0	97 062	1.2	88	2.4	6 682	1.2
Howard	72 681	6.6	115 694	.7	179 093	1.2	647	1.1	88 889	2.1
Jefferson	72 154	8.8	76 996	.9	122 997	1.4	625	1.3	56 342	2.8
Johnson	48 239	12.4	29 602	1.5	60 289	1.7	491	1.0	22 094	4.7
Kearney	147 984	6.7	196 557	.4	399 506	1.1	493	1.2	160 445	.9
Keith	97 296	6.3	102 788	.4	274 101	.8	375	.9	78 600	1.4
Keya Paha	57 559	7.6	27 142	1.2	120 633	1.6	225	1.4	19 440	2.6
Kimball	74 076	6.7	22 884	1.3	70 197	1.6	326	1.3	17 961	4.2
Knox	70 033	4.5	164 667	.6	156 379	1.0	1 052	.9	147 378	1.4
Lancaster	51 316	4.0	82 386	1.0	56 545	1.2	1 457	.7	56 241	2.6
Lincoln	72 053	6.7	192 318	.5	188 732	.9	1 018	.9	157 307	1.3
Logan	74 114	3.9	19 107	1.4	154 087	1.5	125	1.9	13 486	2.5
Loup	56 353	6.4	14 933	1.8	104 425	2.0	143	1.5	12 095	2.9
McPherson	41 335	7.1	13 951	1.0	124 563	1.1	112	1.9	11 872	4.1

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Madison	92 368	4.9	115 769	.7	148 042	1.1	781	1.0	86 254	2.1
Merrick	94 127	6.6	163 159	.6	295 044	1.2	553	1.1	131 278	1.4
Morrill	72 459	7.1	147 631	.3	311 459	.7	474	.9	115 794	1.2
Nance	84 024	11.8	66 566	1.0	158 869	1.4	418	1.0	47 415	3.4
Nemaha	67 078	8.4	56 089	1.0	116 127	1.4	483	1.0	37 302	4.3
Nuckolls	78 047	14.5	54 141	1.2	109 156	1.5	496	1.2	41 101	6.1
Otoe	69 901	7.2	71 162	1.2	86 677	1.5	821	1.0	48 267	4.4
Pawnee	42 558	4.8	28 031	1.3	63 133	1.6	444	1.2	19 865	4.4
Perkins	97 220	8.5	64 853	.9	132 353	1.2	491	1.1	50 009	2.9
Phelps	164 596	5.0	336 390	.3	609 402	1.0	553	1.1	271 853	.7
Pierce	82 474	6.6	108 138	.8	150 820	1.2	717	1.2	84 809	2.4
Platte	103 820	6.4	224 770	.6	219 502	1.3	1 022	1.2	166 440	1.8
Polk	106 346	6.4	165 623	.5	275 579	1.0	601	.9	131 944	1.8
Red Willow	95 061	10.0	92 436	.6	211 040	1.1	440	1.1	73 580	2.6
Richardson	52 107	5.9	69 242	1.1	96 572	1.5	717	1.3	44 533	3.2
Rock	66 262	6.7	55 629	.7	176 043	1.0	316	1.1	46 026	2.4
Saline	75 700	11.4	76 552	1.3	105 298	1.7	727	1.3	52 023	3.7
Sarpy	68 618	11.9	57 209	.7	155 882	1.0	367	1.0	45 051	2.4
Saunders	89 078	6.4	143 667	.8	122 166	1.2	1 176	.9	99 867	1.9
Scotts Bluff	77 564	4.5	231 796	.4	293 785	.8	789	.9	161 994	1.2
Seward	88 504	7.2	146 802	.6	176 233	1.0	833	.9	99 881	1.3
Sheridan	59 850	5.3	66 111	.8	100 779	1.2	656	1.0	48 962	2.2
Sherman	76 613	9.4	43 128	1.5	89 291	1.9	484	1.2	31 393	4.4
Sioux	55 954	8.8	70 652	.6	205 982	.9	343	.8	56 619	1.6
Stanton	68 302	6.8	103 785	.7	170 418	1.0	608	.8	76 157	1.9
Thayer	109 024	5.2	107 464	.8	188 864	1.4	569	1.4	82 579	2.2
Thomas	40 528	4.3	8 363	2.3	96 126	2.5	87	3.4	6 914	2.7
Thurston	82 068	17.6	59 553	1.1	157 132	1.6	379	1.2	46 250	3.9
Valley	76 789	11.0	90 249	.6	202 807	1.1	444	1.1	77 606	2.4
Washington	88 897	6.6	92 545	.8	133 736	1.1	692	1.0	67 067	2.3
Wayne	79 497	7.6	92 485	.8	151 118	1.1	611	1.0	68 639	2.5
Webster	50 695	5.3	113 702	.5	262 592	1.0	434	1.0	100 076	1.2
Wheeler	132 804	2.8	126 843	.2	681 953	.9	186	1.1	98 554	1.5
York	142 010	5.9	178 311	.7	250 437	1.3	713	1.1	140 184	1.3

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)
Nebraska	**19 837**	**1.5**	**2 405 077**	**.3**	**28 251**	**1.3**	**1 408 802**	**.4**	**35 961**	**1.1**	**291 935**	**.9**
Adams	196	15.9	(D)	(D)	262	12.3	26 560	2.5	509	2.9	6 022	4.8
Antelope	373	6.9	23 547	2.7	450	6.6	15 849	2.5	582	2.8	5 575	2.8
Arthur	49	3.7	1 189	1.7	75	3.2	1 682	1.4	30	4.3	195	3.4
Banner	65	24.4	11 819	.6	120	15.7	6 888	1.3	117	14.7	775	9.4
Blaine	59	7.6	1 444	13.4	86	5.2	5 343	1.2	41	10.8	180	17.4
Boone	389	8.3	33 227	2.4	459	8.4	37 109	1.6	610	4.0	4 759	5.4
Box Butte	129	17.1	52 127	.5	210	12.3	15 580	1.9	320	4.7	4 127	2.0
Boyd	203	11.0	6 217	11.4	270	8.0	3 340	10.3	219	7.4	854	9.7
Brown	167	14.8	31 092	.6	220	10.2	14 887	1.3	154	15.4	1 441	11.4
Buffalo	484	8.2	29 725	2.8	669	5.3	14 991	2.3	746	2.7	6 113	3.7
Burt	161	14.6	24 942	1.3	241	11.8	13 535	6.1	437	4.0	4 176	5.3
Butler	178	15.2	9 676	4.2	367	9.0	12 993	4.9	629	3.0	4 619	4.2
Cass	183	13.6	2 236	9.4	270	10.6	2 203	13.6	502	3.2	4 043	5.1
Cedar	505	6.2	27 462	4.7	669	4.8	22 787	4.8	750	3.4	4 726	4.8
Chase	121	15.3	9 260	4.2	154	12.5	5 579	2.9	266	3.9	5 311	2.9
Cherry	385	5.0	13 796	3.3	499	4.1	13 199	3.5	165	11.3	1 029	19.4
Cheyenne	147	17.6	45 683	.5	262	11.0	13 958	4.0	366	8.9	1 518	6.1
Clay	154	17.0	45 434	2.0	178	15.2	24 291	.6	447	4.2	6 351	2.9
Colfax	256	9.1	76 032	.7	357	7.5	26 804	1.9	502	4.4	3 740	7.0
Cuming	538	6.6	231 234	.5	632	5.3	100 822	1.3	773	3.3	5 603	3.6
Custer	693	6.0	67 037	1.8	972	4.0	39 997	2.5	814	4.8	5 869	3.8
Dakota	86	15.0	1 661	20.3	129	11.2	1 542	18.1	189	6.7	1 867	4.2
Dawes	241	9.6	5 187	10.4	292	7.3	2 741	6.8	199	13.6	442	8.4
Dawson	319	10.0	137 671	.4	454	8.1	67 842	.4	536	3.8	6 357	3.6
Deuel	42	23.9	1 755	9.6	51	22.9	490	6.6	162	8.1	759	10.9
Dixon	215	11.8	15 504	3.0	341	7.3	49 378	1.6	437	4.8	2 630	6.0
Dodge	298	10.8	22 718	5.0	401	8.8	19 992	4.1	669	3.1	5 748	5.2
Douglas	79	29.4	9 307	1.1	110	24.1	3 366	9.1	219	11.5	1 763	8.0
Dundy	117	15.2	18 191	6.1	172	11.7	7 979	1.3	205	8.6	3 246	6.0
Fillmore	175	15.5	19 381	5.6	248	12.9	13 015	5.1	505	4.8	6 475	4.1
Franklin	173	14.7	5 562	10.5	262	9.5	2 918	10.4	320	4.8	3 151	5.3
Frontier	169	12.5	17 892	2.6	262	6.5	11 478	2.1	279	6.2	2 310	6.7
Furnas	185	12.8	10 378	3.3	281	6.9	11 860	3.5	306	7.1	2 543	5.8
Gage	395	9.8	9 541	6.2	529	8.0	13 793	6.5	823	3.5	4 621	4.8

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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)
Garden	108	11.4	13 437	.8	172	8.1	8 169	3.2	176	7.7	793	7.9
Garfield	111	11.3	8 728	6.7	133	8.9	4 518	4.7	112	11.8	471	12.0
Gosper	101	14.5	7 091	1.4	203	6.1	7 978	1.6	195	4.7	2 066	8.8
Grant	50	3.7	2 542	1.4	66	3.1	1 445	1.4	7	8.0	19	3.7
Greeley	189	14.3	4 093	10.8	258	9.6	7 149	7.4	281	6.9	1 751	9.1
Hall	208	14.2	38 718	3.8	333	10.9	13 843	2.4	538	2.6	5 882	6.5
Hamilton	170	15.3	24 615	.9	256	12.3	12 960	3.0	573	2.6	7 674	5.2
Harlan	162	12.8	22 809	1.2	232	8.8	10 720	2.1	294	3.2	2 308	7.7
Hayes	96	15.6	26 132	.5	150	10.9	8 866	1.7	216	5.2	1 347	7.7
Hitchcock	181	12.0	3 975	22.1	241	8.9	1 598	9.8	273	6.8	1 686	10.3
Holt	604	7.4	45 021	3.4	874	4.2	33 847	1.7	600	6.4	6 734	3.5
Hooker	56	2.9	1 222	1.3	74	2.5	1 545	1.2	9	3.9	21	4.9
Howard	259	13.6	29 030	1.6	409	7.4	17 108	2.6	477	5.6	3 346	6.5
Jefferson	228	12.5	7 508	5.0	340	8.9	9 787	11.0	456	5.1	3 189	5.8
Johnson	168	13.6	1 904	11.9	250	8.7	3 456	13.0	370	5.4	1 544	8.4
Kearney	182	11.9	60 749	.8	243	9.7	30 979	.6	422	3.5	5 631	2.9
Keith	106	10.9	29 709	1.2	177	9.0	11 709	1.9	187	10.0	2 601	5.3
Keya Paha	106	13.5	3 969	8.4	186	7.8	3 604	6.0	115	13.9	421	11.2
Kimball	83	15.9	1 355	11.2	111	13.5	1 179	8.7	198	6.4	996	11.9
Knox	518	6.5	28 053	2.3	754	4.3	65 870	1.2	697	4.0	3 535	5.3
Lancaster	364	10.6	4 362	12.8	606	7.0	7 026	9.7	869	3.9	4 931	5.1
Lincoln	451	8.1	53 052	2.0	574	6.7	25 842	2.5	536	5.5	5 284	4.3
Logan	61	9.7	2 283	2.4	84	6.6	1 972	3.6	72	7.6	466	5.1
Loup	71	9.3	2 114	5.4	94	7.0	1 973	3.7	88	7.1	348	12.7
McPherson	80	7.8	3 440	1.3	90	6.1	2 536	10.1	37	14.4	147	7.4
Madison	307	9.3	25 451	2.8	410	7.2	13 145	2.4	590	4.0	4 181	5.2
Merrick	174	10.8	50 983	.2	320	9.8	24 531	1.1	431	4.1	4 233	6.6
Morrill	227	11.2	55 923	1.1	274	9.4	18 125	1.6	261	8.4	2 819	10.3
Nance	205	10.4	10 430	7.4	246	8.3	8 689	6.7	319	4.3	2 292	9.3
Nemaha	127	17.2	2 477	15.2	237	10.2	6 144	3.4	403	4.8	2 857	7.7
Nuckolls	227	14.3	3 215	27.2	310	9.0	2 668	14.2	407	4.2	2 781	7.0
Otoe	256	13.5	5 215	17.4	314	11.3	6 896	13.6	622	3.7	3 692	7.1
Pawnee	183	13.3	2 050	11.4	298	9.2	3 366	18.2	313	8.0	1 130	9.9
Perkins	123	20.0	2 924	3.7	181	16.2	1 518	11.0	356	4.6	4 343	5.1
Phelps	164	13.0	141 220	.4	240	12.0	51 304	.9	458	5.2	5 407	3.8
Pierce	362	10.1	23 024	4.8	508	6.2	13 767	5.9	578	4.1	4 078	5.8
Platte	498	7.7	55 393	2.0	613	6.9	29 946	2.8	831	3.8	6 578	4.3
Polk	239	13.6	59 555	.6	330	10.5	21 733	2.8	486	2.8	4 688	6.5
Red Willow	141	17.2	28 749	1.6	238	11.6	13 216	2.9	326	5.6	2 324	10.3
Richardson	158	16.2	7 604	3.5	304	9.8	4 755	5.2	520	3.4	3 270	7.0
Rock	128	13.6	16 166	3.8	200	10.6	8 354	2.0	112	15.4	1 121	6.3
Saline	260	13.9	6 851	11.6	466	6.7	6 838	16.1	574	4.9	3 278	8.4
Sarpy	85	20.5	19 580	1.6	130	14.1	6 914	2.7	279	5.5	1 714	11.8
Saunders	289	12.2	24 007	2.8	463	9.1	16 099	3.5	983	2.2	6 412	7.3
Scotts Bluff	248	11.8	60 002	1.2	361	8.9	39 121	1.2	505	5.8	4 259	6.6
Seward	230	12.7	26 773	1.9	385	9.1	24 197	2.3	587	4.9	4 616	6.1
Sheridan	294	8.1	5 870	1.8	401	6.8	7 831	4.2	310	8.1	1 473	4.5
Sherman	215	13.4	2 764	11.0	300	9.0	2 597	14.2	350	5.1	2 198	14.4
Sioux	182	11.0	25 661	2.0	258	7.6	12 582	2.4	129	14.2	957	18.4
Stanton	270	11.2	31 127	2.6	353	8.5	11 622	2.8	442	4.6	2 442	5.7
Thayer	156	17.9	17 863	4.1	283	10.6	7 569	3.6	491	3.9	4 883	5.4
Thomas	50	4.0	1 088	4.9	65	3.8	1 356	4.3	15	5.1	64	5.7
Thurston	149	14.3	10 646	3.1	176	12.0	7 869	6.4	278	3.7	2 763	9.2
Valley	213	12.9	32 354	2.1	323	7.4	14 933	2.0	321	6.1	2 220	7.7
Washington	196	12.9	22 167	3.6	335	8.3	10 053	4.1	555	3.7	3 077	6.2
Wayne	285	8.2	15 671	4.4	321	7.5	11 445	8.8	472	3.3	3 652	5.1
Webster	208	10.8	(D)	(D)	283	7.0	20 528	2.3	296	5.2	1 808	14.2
Wheeler	114	11.5	(D)	(D)	147	6.4	32 098	1.0	114	10.6	1 109	6.1
York	232	11.2	35 917	1.8	314	9.6	26 527	2.2	621	3.2	7 086	3.1

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)
Nebraska	**35 657**	**1.1**	**435 501**	**1.0**	**33 973**	**1.2**	**274 565**	**1.2**	**48 204**	**.9**	**320 080**	**.8**
Adams	505	3.0	7 712	5.7	472	4.0	5 010	7.8	597	2.3	6 427	4.5
Antelope	589	2.7	10 828	3.6	537	5.4	4 639	6.6	757	2.2	7 261	2.7
Arthur	27	3.7	352	3.1	23	5.6	144	3.0	80	3.1	594	2.0
Banner	118	13.4	1 385	6.8	118	13.9	843	8.3	200	3.4	1 570	3.9
Blaine	51	9.4	470	11.3	33	12.1	100	23.6	118	1.8	812	3.9
Boone	609	3.2	8 340	6.7	565	3.7	5 267	11.0	721	2.0	4 923	5.8
Box Butte	340	5.0	5 987	1.6	296	7.9	3 883	3.4	459	3.6	4 118	6.5
Boyd	205	10.1	1 259	11.6	218	8.7	813	14.3	299	5.1	1 342	9.8
Brown	172	13.8	2 850	13.8	172	14.6	1 456	14.7	331	3.3	2 541	5.9

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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)
Buffalo	736	3.2	9 646	3.8	743	3.9	6 756	5.4	989	2.1	7 241	4.0
Burt	439	4.6	5 101	8.2	407	5.8	4 443	8.3	562	2.2	3 013	4.3
Butler	653	3.0	5 724	4.8	611	3.9	4 287	5.0	751	2.2	3 775	4.8
Cass	520	3.8	3 725	5.2	477	5.4	4 576	6.9	655	2.4	2 398	4.7
Cedar	701	4.1	6 401	6.0	673	4.7	4 636	10.8	900	2.5	3 998	6.0
Chase	300	3.9	11 667	4.0	238	6.6	4 963	5.6	361	1.8	3 590	3.2
Cherry	203	7.1	1 999	4.7	164	10.6	664	13.9	618	2.4	4 714	4.3
Cheyenne	439	6.1	3 942	8.0	341	9.2	1 928	11.1	605	2.1	3 230	4.6
Clay	431	5.1	8 428	5.5	400	4.8	5 231	6.9	508	3.0	6 681	4.3
Colfax	487	4.5	5 124	8.5	455	4.4	2 680	6.0	602	1.1	3 081	4.1
Cuming	784	3.3	6 806	4.4	786	3.5	5 115	4.4	962	1.8	5 586	1.9
Custer	710	5.3	9 278	4.1	768	5.3	5 056	5.6	1 241	1.7	8 064	3.8
Dakota	174	5.4	2 479	4.0	199	6.5	1 453	5.9	283	1.9	1 012	4.7
Dawes	205	11.5	862	11.2	228	11.5	318	9.1	409	5.9	1 523	7.5
Dawson	532	3.6	8 397	4.2	576	4.6	5 630	6.1	724	2.9	6 907	6.8
Deuel	193	6.7	1 820	7.1	182	7.9	869	8.3	230	3.9	1 193	9.0
Dixon	422	4.6	3 679	6.6	398	6.3	2 878	9.4	542	2.7	2 591	7.6
Dodge	608	4.4	5 392	7.4	592	4.7	4 746	7.3	773	1.7	6 531	2.2
Douglas	219	11.9	2 177	6.9	202	11.5	1 797	8.2	320	7.2	1 174	5.6
Dundy	237	7.0	5 753	7.3	169	11.3	2 385	7.6	306	2.5	3 320	7.2
Fillmore	502	4.8	7 611	3.6	499	4.5	6 302	5.1	564	2.5	5 861	3.1
Franklin	301	5.1	4 791	7.6	320	6.5	2 622	6.7	408	2.8	4 138	6.2
Frontier	273	6.2	4 449	8.6	245	8.3	2 180	4.9	348	2.4	2 610	9.0
Furnas	346	6.2	5 698	6.2	308	7.5	2 799	6.3	409	3.3	3 291	3.5
Gage	849	4.0	5 875	5.5	783	4.3	6 071	5.9	1 047	2.0	4 202	3.5
Garden	181	7.3	1 544	8.9	124	10.0	656	20.3	280	3.5	2 390	2.8
Garfield	103	11.9	646	11.4	78	15.8	229	11.8	191	3.5	868	6.5
Gosper	194	4.7	3 551	9.3	192	5.6	2 053	11.1	248	2.2	2 592	5.4
Grant	23	5.0	179	4.2	16	4.9	68	4.2	83	2.9	512	2.1
Greeley	254	7.6	3 151	11.6	278	8.0	1 870	11.5	351	3.6	2 390	8.0
Hall	527	2.4	9 029	7.7	530	3.8	4 030	7.7	672	2.1	5 009	7.2
Hamilton	582	3.0	8 591	5.0	545	2.8	6 135	4.3	633	2.2	6 453	4.0
Harlan	293	4.0	4 955	5.7	233	8.0	2 103	7.5	366	1.8	2 836	4.3
Hayes	212	5.1	3 634	8.9	188	5.5	1 534	9.5	249	2.4	2 002	11.8
Hitchcock	298	5.0	4 265	7.4	222	10.2	1 435	13.8	339	1.2	2 387	9.2
Holt	554	7.0	11 704	4.7	573	7.4	5 802	5.5	1 250	1.7	11 994	2.6
Hooker	17	4.5	87	2.0	10	8.1	18	3.2	78	2.3	412	2.0
Howard	472	5.0	5 988	6.9	449	5.8	2 987	9.3	628	2.4	3 299	6.0
Jefferson	471	5.4	4 546	6.5	473	5.4	3 577	8.3	563	2.2	3 529	5.1
Johnson	357	5.4	1 792	9.8	360	6.6	1 399	14.7	419	3.8	1 291	7.2
Kearney	437	3.3	8 789	3.5	395	4.5	5 109	3.5	475	2.4	6 155	3.5
Keith	195	9.4	4 114	5.9	158	10.3	2 198	7.8	355	2.4	3 140	4.1
Keya Paha	104	12.9	652	14.2	105	16.3	434	12.8	225	1.4	1 095	4.9
Kimball	159	8.6	1 534	11.3	179	8.3	907	11.4	296	3.1	1 478	6.0
Knox	678	4.9	5 167	7.0	734	4.8	3 569	7.7	998	2.1	5 440	3.5
Lancaster	923	4.0	4 562	5.8	883	4.6	5 278	8.1	1 346	1.7	3 335	4.9
Lincoln	560	5.8	11 005	4.2	463	6.5	4 418	6.2	903	2.7	6 799	3.2
Logan	66	7.5	886	5.3	53	9.7	309	8.0	111	2.0	747	3.9
Loup	86	7.3	695	9.9	71	9.6	201	15.1	132	3.3	775	4.5
McPherson	37	13.7	260	6.8	39	14.0	88	8.8	100	4.3	630	8.2
Madison	535	4.5	6 101	4.9	518	4.7	4 258	7.0	744	2.1	3 925	5.0
Merrick	425	4.0	8 515	5.8	369	5.7	3 234	9.0	535	1.6	4 268	5.3
Morrill	285	8.0	4 195	6.7	302	5.7	2 182	10.3	434	3.5	3 303	7.7
Nance	321	4.9	3 964	10.8	303	5.2	2 102	11.4	395	2.8	2 385	10.9
Nemaha	396	4.9	3 155	11.2	379	4.3	3 728	10.3	422	3.3	1 870	8.5
Nuckolls	419	4.7	5 364	10.7	378	5.5	4 361	12.0	455	2.8	2 752	6.2
Otoe	605	4.1	3 773	12.6	601	5.0	4 398	10.3	728	3.4	2 815	7.8
Pawnee	282	8.6	1 723	8.6	279	8.3	1 260	12.9	441	1.2	1 315	5.9
Perkins	375	5.1	8 367	4.7	296	8.6	3 643	8.8	399	5.3	3 482	6.7
Phelps	454	5.2	9 330	5.1	441	5.0	4 981	5.7	522	3.0	7 173	5.6
Pierce	559	4.1	6 817	5.0	456	6.7	4 333	14.2	707	1.6	4 188	5.0
Platte	814	3.2	10 339	6.6	744	4.7	6 368	6.2	974	2.1	6 186	5.0
Polk	475	3.8	5 556	8.1	437	5.4	3 551	9.5	576	2.7	4 204	4.4
Red Willow	314	6.0	5 473	12.0	213	12.2	2 111	13.3	410	3.2	2 937	7.1
Richardson	551	3.4	3 860	5.8	524	4.8	3 642	6.8	657	2.4	2 684	5.1
Rock	113	14.8	2 025	7.9	116	17.2	1 016	7.1	286	4.6	1 764	6.6
Saline	526	5.7	3 975	8.0	585	4.7	4 200	6.4	684	2.5	3 196	5.3
Sarpy	253	6.0	1 754	15.0	263	6.7	1 409	10.2	367	1.0	1 254	9.0
Saunders	930	3.5	5 861	3.9	906	3.6	6 470	5.7	1 103	1.8	4 712	3.7
Scotts Bluff	514	6.3	5 488	5.7	492	6.3	2 469	8.2	762	1.9	6 074	3.6
Seward	567	4.7	4 890	4.9	576	5.5	4 231	6.2	785	1.7	4 840	5.4
Sheridan	291	8.4	2 368	4.4	313	7.9	1 022	12.3	573	4.1	3 230	3.3
Sherman	337	7.2	3 528	10.1	346	7.8	1 974	8.9	476	1.7	2 704	7.2
Sioux	142	12.5	1 582	13.7	138	14.7	520	13.6	324	2.9	1 782	10.2
Stanton	424	4.4	3 802	4.6	434	5.8	2 387	8.5	582	2.6	2 240	5.2
Thayer	497	4.0	6 210	4.5	456	5.1	4 488	6.8	533	3.3	6 144	3.0
Thomas	25	4.7	185	2.5	14	7.2	66	3.3	82	3.4	381	2.9
Thurston	291	4.7	4 161	6.4	284	6.0	2 281	7.2	332	3.9	1 833	15.7
Valley	336	5.7	3 590	8.8	297	7.6	1 516	10.7	426	2.9	2 339	6.6
Washington	467	4.6	3 365	9.0	485	4.6	3 111	7.0	661	1.8	2 452	6.2

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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)
Wayne	449	3.7	5 413	4.4	476	4.8	3 464	8.1	563	2.4	2 863	5.1
Webster	272	5.6	2 432	7.9	306	6.0	2 089	11.6	411	2.4	2 213	6.2
Wheeler	111	10.8	2 478	6.6	109	10.6	993	8.4	180	2.7	2 479	5.3
York	639	2.9	8 523	3.8	588	3.7	7 756	6.4	705	1.5	7 221	3.9

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)
Nebraska	**41 140**	**1.0**	**108 478**	**1.0**	**21 469**	**1.4**	**300 578**	**.8**	**6 038**	**2.7**	**22 692**	**3.1**
Adams	508	5.5	1 261	11.3	355	8.9	4 450	4.2	93	22.2	(D)	(D)
Antelope	658	4.6	2 301	5.9	337	8.5	6 622	5.5	79	22.2	394	9.3
Arthur	65	3.3	123	4.0	50	3.3	814	2.0	21	5.2	83	5.3
Banner	151	12.1	648	8.1	107	16.7	2 044	3.4	35	36.9	175	25.7
Blaine	98	4.2	212	5.3	60	8.4	1 121	1.0	13	24.2	58	23.8
Boone	647	5.2	1 533	4.6	323	11.8	3 539	4.8	76	27.5	224	24.4
Box Butte	378	4.7	3 800	6.0	243	8.2	7 088	2.2	70	23.0	807	20.9
Boyd	308	5.0	430	12.9	135	14.1	899	6.9	23	45.3	10	48.5
Brown	292	3.6	828	8.0	129	16.5	2 581	5.5	47	29.6	362	28.6
Buffalo	899	3.1	2 368	4.8	348	9.8	5 094	4.3	135	19.1	481	20.4
Burt	473	4.3	873	5.4	221	11.1	4 000	12.6	70	22.1	163	17.8
Butler	672	2.9	1 580	8.5	313	10.1	1 880	4.4	80	22.5	317	46.5
Cass	507	5.0	568	6.5	226	10.9	1 921	4.8	79	21.5	215	22.9
Cedar	837	2.6	1 779	5.0	395	8.8	4 420	6.7	111	22.7	318	14.9
Chase	306	4.6	3 343	4.8	148	11.8	3 192	1.8	51	8.2	419	2.0
Cherry	546	3.9	1 322	3.3	421	4.6	7 025	2.5	164	12.1	882	13.7
Cheyenne	544	3.6	1 643	6.6	193	12.6	3 056	6.2	102	23.1	542	28.2
Clay	411	6.2	1 873	8.9	306	9.2	5 693	6.1	83	19.7	386	32.7
Colfax	461	5.7	1 122	4.7	250	11.6	4 603	2.1	45	27.5	136	7.6
Cuming	840	3.5	2 134	3.5	409	8.8	8 783	2.5	95	22.7	370	20.4
Custer	1 120	3.0	2 353	5.3	583	7.2	10 475	5.6	158	15.9	535	10.8
Dakota	221	5.8	345	5.3	107	8.6	949	1.8	26	35.6	46	16.7
Dawes	317	7.5	470	8.2	216	12.4	1 255	20.3	94	22.8	126	23.9
Dawson	742	3.7	2 623	5.4	404	8.6	9 221	4.3	106	18.9	654	11.9
Deuel	199	6.4	511	10.5	92	15.0	1 407	14.6	31	27.4	116	31.9
Dixon	447	6.0	810	4.5	201	14.2	2 294	11.4	23	28.0	248	1.3
Dodge	684	3.6	1 685	4.1	373	7.5	4 183	8.2	137	19.8	646	50.1
Douglas	239	8.2	417	11.7	140	15.3	1 779	6.5	33	43.3	73	24.6
Dundy	255	5.6	1 685	10.4	186	11.2	3 190	3.8	80	18.9	277	9.4
Fillmore	477	4.8	1 650	5.4	275	9.8	5 324	11.6	90	20.1	263	15.3
Franklin	335	6.2	813	14.8	209	11.2	1 976	13.6	74	22.5	175	4.3
Frontier	309	4.6	1 334	11.4	119	12.8	2 168	7.8	35	32.9	94	28.9
Furnas	349	6.9	939	6.1	218	11.1	3 550	4.5	54	21.4	108	14.1
Gage	890	3.9	1 271	3.9	477	8.6	4 326	7.1	123	20.7	207	17.0
Garden	218	6.1	1 199	5.4	148	10.0	3 044	5.1	48	17.3	377	2.3
Garfield	155	7.8	163	9.5	65	17.6	649	4.1	21	28.6	83	3.7
Gosper	199	6.8	770	5.1	138	9.4	2 472	5.7	76	14.7	246	14.2
Grant	72	2.9	117	1.8	56	2.7	952	1.1	14	5.1	40	.2
Greeley	328	4.5	793	6.0	208	13.8	1 640	9.2	21	39.6	73	30.8
Hall	594	3.1	2 376	9.7	277	11.7	5 116	5.0	91	27.6	398	42.9
Hamilton	576	4.2	1 714	7.6	298	10.0	4 144	10.1	101	21.3	273	13.6
Harlan	296	5.3	775	5.0	118	15.5	1 824	3.0	49	33.7	100	28.5
Hayes	194	7.5	714	9.2	85	15.5	1 450	10.3	12	48.4	47	2.5
Hitchcock	274	7.2	872	12.8	167	13.2	1 427	20.3	39	37.2	41	34.4
Holt	1 003	3.5	3 698	3.7	504	8.3	10 998	3.9	175	17.4	947	12.8
Hooker	64	2.8	84	1.9	39	3.1	287	.6	9	–	21	–
Howard	554	4.9	1 047	7.8	265	12.7	3 259	8.4	55	27.0	152	39.2
Jefferson	450	6.7	899	12.0	238	12.6	3 086	4.6	54	29.2	199	7.0
Johnson	370	5.9	429	7.2	203	11.4	861	6.2	19	46.3	37	15.9
Kearney	387	4.8	1 464	7.5	293	7.0	6 374	4.5	130	16.2	356	11.3
Keith	291	6.0	1 642	1.8	156	10.5	3 210	1.6	56	14.9	386	8.5
Keya Paha	174	8.7	277	9.7	143	10.3	778	5.0	26	41.9	34	20.4
Kimball	236	5.2	627	14.5	127	10.7	1 114	5.5	58	19.3	225	26.4
Knox	852	3.3	1 690	4.1	442	8.6	3 153	7.1	74	25.4	163	10.3
Lancaster	971	4.1	824	7.9	432	8.1	3 204	6.7	87	21.7	364	18.7
Lincoln	770	3.6	2 925	5.2	378	8.4	7 127	3.9	112	17.0	636	17.6
Logan	83	7.5	227	5.6	66	9.1	1 103	5.2	16	14.0	39	7.2
Loup	112	5.7	186	6.8	45	11.9	641	3.4	11	26.5	57	10.2
McPherson	91	6.5	102	5.0	55	11.9	353	3.2	28	18.1	43	15.7
Madison	582	4.8	1 187	8.0	330	8.9	2 988	5.7	61	25.4	197	9.4
Merrick	509	2.7	2 181	6.5	181	14.0	4 129	8.6	39	43.1	71	28.8
Morrill	374	3.8	1 529	3.5	219	11.4	3 908	4.7	108	20.7	293	15.4
Nance	359	4.5	782	5.0	222	8.2	1 451	5.1	31	29.9	153	11.0
Nemaha	416	4.5	530	10.0	231	11.0	1 893	12.6	57	20.3	215	35.0

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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)
Nuckolls	425	4.5	928	5.4	230	10.8	1 600	7.6	42	37.1	115	12.7
Otoe	662	4.4	967	10.7	329	11.2	2 653	10.6	115	22.3	246	21.8
Pawnee	353	4.5	321	8.4	126	19.2	554	19.1	21	38.0	105	6.4
Perkins	408	5.7	3 204	9.5	181	12.9	1 790	5.8	77	23.0	442	24.1
Phelps	498	3.7	1 830	5.5	298	8.5	6 831	5.0	76	20.5	356	13.9
Pierce	573	5.0	1 048	5.7	263	12.0	2 202	5.0	99	25.4	255	35.2
Platte	881	3.7	2 273	5.1	447	9.9	5 576	1.7	95	29.5	170	24.3
Polk	520	3.8	1 069	6.7	285	12.0	3 540	6.1	116	21.8	260	23.0
Red Willow	329	7.0	1 055	11.6	194	12.6	2 122	7.2	63	29.5	155	15.1
Richardson	526	4.7	618	6.9	245	11.3	1 553	4.8	28	29.3	168	19.8
Rock	244	7.2	497	4.1	110	16.1	1 786	13.3	18	34.4	105	4.4
Saline	600	3.9	783	6.2	236	13.8	2 583	7.5	46	39.2	65	46.8
Sarpy	299	5.2	446	16.1	134	15.3	1 261	6.7	46	24.6	288	55.8
Saunders	914	3.7	1 359	4.6	464	8.2	5 229	6.9	135	18.8	421	8.3
Scotts Bluff	528	6.2	1 260	5.2	320	8.7	7 928	3.9	173	14.6	756	26.4
Seward	646	4.3	1 240	8.5	332	9.6	3 419	7.5	51	26.9	154	5.6
Sheridan	493	5.7	1 237	6.4	286	8.7	3 616	5.0	81	20.8	467	4.1
Sherman	446	3.5	836	7.2	157	12.4	1 141	18.4	93	25.0	163	19.2
Sioux	258	7.2	547	12.7	120	12.4	2 157	4.3	52	26.1	194	23.3
Stanton	445	5.9	776	6.7	192	13.6	2 638	7.4	35	35.2	81	12.3
Thayer	480	3.5	1 341	12.8	240	12.2	3 700	17.1	67	28.1	149	26.9
Thomas	68	3.6	85	2.8	34	3.9	554	4.2	23	5.8	55	5.3
Thurston	272	7.6	816	6.3	170	13.3	1 355	8.1	8	–	71	–
Valley	372	5.3	793	4.7	180	13.4	2 661	5.4	29	24.8	271	19.7
Washington	567	3.8	887	6.2	269	10.0	3 089	16.0	47	29.4	184	49.5
Wayne	535	3.4	825	4.4	228	10.7	2 753	4.3	64	26.7	305	17.3
Webster	309	8.0	472	6.1	218	10.4	2 491	10.5	43	30.9	(D)	(D)
Wheeler	176	4.5	758	3.3	97	12.8	5 354	2.4	14	29.2	(D)	(D)
York	574	4.4	1 739	4.8	386	7.6	4 884	3.7	67	20.3	224	15.9

Geographic area	Farm production expenses[1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest			
	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)
Nebraska	**44 105**	**1.0**	**387 111**	**.9**	**23 971**	**1.4**	**127 826**	**1.8**	**31 586**	**1.2**	**413 076**	**1.0**
Adams	545	3.0	6 894	6.2	309	10.6	1 447	18.9	395	7.2	6 140	10.0
Antelope	699	3.0	7 172	3.5	408	7.5	2 072	7.9	503	6.1	8 164	3.6
Arthur	75	3.1	804	2.4	31	4.1	145	5.2	60	3.2	909	4.2
Banner	201	3.2	2 183	4.5	117	15.1	986	13.8	114	16.0	2 475	5.7
Blaine	107	3.1	720	5.4	47	11.1	201	22.7	87	4.8	1 262	4.8
Boone	660	3.8	5 248	8.3	354	10.6	1 433	21.3	515	5.7	7 383	6.2
Box Butte	384	5.8	5 716	5.2	271	9.0	3 668	5.8	293	8.0	6 038	4.4
Boyd	268	6.3	1 531	10.2	125	16.2	441	9.2	212	9.9	1 893	12.3
Brown	329	2.7	2 674	5.0	108	19.6	1 264	19.6	182	12.3	3 363	7.8
Buffalo	842	3.6	7 776	4.9	520	7.1	2 305	7.7	689	5.2	6 896	6.2
Burt	499	3.3	4 340	8.4	221	11.4	1 080	32.0	369	5.6	4 404	5.7
Butler	721	2.9	5 363	5.1	409	8.4	1 258	16.5	504	5.8	6 074	6.9
Cass	571	4.2	3 738	4.7	311	9.0	980	15.7	369	7.3	3 328	7.7
Cedar	857	2.6	8 653	6.1	510	7.3	2 246	7.7	625	5.4	7 259	7.1
Chase	290	5.6	3 701	3.4	197	8.0	3 611	16.6	261	6.9	5 409	6.0
Cherry	606	2.2	5 994	3.5	245	8.4	1 187	11.3	454	4.5	8 573	3.2
Cheyenne	534	3.9	4 626	8.7	376	7.2	3 210	15.0	363	8.5	3 678	8.4
Clay	462	5.2	7 552	4.7	272	10.6	1 814	10.2	340	7.9	4 548	4.1
Colfax	554	2.7	4 528	4.9	297	10.1	1 561	11.8	440	6.6	5 009	6.7
Cuming	883	3.0	10 638	2.3	552	6.6	3 216	6.1	665	5.3	9 981	5.2
Custer	1 142	2.9	10 298	3.6	597	6.9	2 961	8.4	926	4.5	11 562	4.2
Dakota	229	5.3	1 673	4.1	138	9.7	466	8.9	154	9.0	1 353	7.4
Dawes	370	6.3	1 801	7.5	156	16.6	408	6.6	289	9.6	2 329	12.5
Dawson	656	5.0	7 952	4.4	394	8.3	4 687	17.2	509	7.1	9 086	4.3
Deuel	193	6.9	1 264	11.8	161	8.8	1 469	11.7	145	9.6	1 176	13.9
Dixon	530	3.2	3 388	5.9	281	9.4	845	14.9	367	7.6	2 642	8.3
Dodge	731	2.4	5 668	5.6	435	6.2	1 491	10.5	449	7.1	6 195	8.1
Douglas	278	9.5	2 001	11.3	111	18.2	353	17.6	191	15.5	1 570	15.3
Dundy	288	4.9	3 573	3.5	151	12.8	1 255	12.5	199	10.2	4 314	9.1
Fillmore	540	3.7	6 803	4.2	301	10.1	2 041	16.0	441	5.7	6 467	3.6
Franklin	363	5.2	3 332	5.5	224	10.1	1 145	11.3	278	8.7	3 731	10.4
Frontier	326	3.0	2 892	4.3	156	12.8	796	17.1	252	7.2	5 024	9.7
Furnas	353	6.0	3 863	6.1	200	11.0	1 079	11.5	286	6.8	5 855	6.9
Gage	983	3.2	6 329	4.5	450	8.5	1 352	10.5	671	6.5	6 260	7.0
Garden	254	4.3	3 775	2.6	159	8.6	1 512	12.7	204	6.5	2 702	5.3
Garfield	177	5.5	958	5.8	73	17.5	111	11.3	106	11.4	785	13.0
Gosper	244	2.5	2 400	5.1	166	8.5	873	17.1	195	7.0	3 082	9.9
Grant	76	2.9	569	1.2	27	4.1	137	1.6	64	2.9	766	1.0
Greeley	351	3.2	3 000	7.1	212	12.3	642	13.2	249	10.6	2 544	12.2

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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			
	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)
Hall	609	3.8	8 156	7.2	317	10.7	2 501	18.7	421	8.2	6 532	9.0
Hamilton	581	4.2	7 507	5.6	319	9.2	1 854	19.0	443	6.2	6 976	7.0
Harlan	335	2.3	2 812	6.3	177	12.0	1 252	16.1	223	8.9	4 181	12.2
Hayes	224	5.4	1 869	8.4	130	11.6	887	12.6	145	10.6	2 083	10.3
Hitchcock	330	2.5	2 874	11.9	159	15.0	1 230	21.2	196	11.2	2 259	14.4
Holt	1 159	2.7	11 288	3.0	592	7.6	5 167	4.8	831	5.2	12 952	4.2
Hooker	80	2.5	369	2.1	17	4.8	58	2.0	61	2.8	790	1.9
Howard	564	3.4	4 439	4.7	359	9.0	1 056	9.0	409	8.0	4 235	15.5
Jefferson	504	4.3	4 082	7.1	329	9.8	1 681	8.7	396	8.1	4 008	8.7
Johnson	423	4.2	1 719	7.5	239	10.3	757	24.0	229	10.6	1 809	12.6
Kearney	476	2.6	8 162	4.1	285	8.6	3 402	8.7	353	6.2	6 997	6.1
Keith	277	5.7	3 654	3.7	189	10.3	1 784	11.1	239	7.4	4 262	5.1
Keya Paha	197	7.1	1 428	8.1	127	13.8	364	18.2	152	11.4	1 490	9.3
Kimball	241	6.0	1 945	10.2	164	8.8	1 270	12.1	151	10.0	1 512	8.6
Knox	890	3.5	6 666	5.5	447	8.3	1 405	8.0	602	5.6	6 485	7.2
Lancaster	1 105	3.2	4 676	5.8	468	8.5	1 157	22.2	624	6.8	4 337	7.3
Lincoln	787	3.9	7 065	4.3	360	9.2	3 067	16.2	661	5.0	8 680	3.9
Logan	110	4.2	1 005	4.8	53	10.9	301	6.8	100	5.0	1 105	4.1
Loup	132	2.9	738	5.1	65	9.8	271	5.0	99	6.7	1 147	13.9
McPherson	95	5.6	584	5.2	42	13.1	121	4.2	71	8.5	931	5.0
Madison	691	3.1	4 765	5.7	316	9.7	1 159	13.7	484	6.7	5 332	8.0
Merrick	491	3.3	5 537	7.8	217	12.8	2 017	15.0	336	8.1	6 039	4.8
Morrill	368	6.1	4 324	7.3	216	10.5	1 248	13.2	238	9.9	4 875	6.1
Nance	372	3.2	2 905	8.9	229	10.4	1 002	11.7	284	7.1	3 636	8.2
Nemaha	424	4.6	2 856	8.7	269	9.2	757	12.4	232	11.4	2 804	6.8
Nuckolls	438	3.5	3 463	6.4	283	11.1	910	13.0	362	7.1	3 819	11.3
Otoe	752	2.7	4 159	7.5	389	9.7	937	20.7	482	7.6	3 210	10.2
Pawnee	370	4.1	1 431	8.1	245	10.2	514	17.6	232	11.7	1 638	9.0
Perkins	344	7.0	3 102	6.9	243	10.2	2 234	14.0	298	8.8	3 724	6.6
Phelps	509	3.9	6 084	4.6	269	11.1	2 789	6.0	405	6.5	9 258	7.7
Pierce	669	3.1	4 937	5.6	332	10.7	1 201	14.5	462	7.7	4 804	7.3
Platte	935	3.1	8 568	7.6	421	10.9	1 487	12.7	716	5.8	9 561	8.4
Polk	531	4.0	4 951	6.3	342	9.4	1 430	10.2	370	8.1	6 050	8.1
Red Willow	387	4.3	2 733	5.3	162	14.7	1 271	13.4	235	10.6	3 354	14.0
Richardson	591	3.4	3 363	8.4	316	9.5	984	16.0	411	7.2	4 179	7.1
Rock	244	6.6	1 981	6.0	82	17.9	780	15.0	163	12.0	2 301	8.4
Saline	616	3.8	4 373	9.8	362	9.1	783	10.6	469	6.6	4 012	7.6
Sarpy	288	6.0	1 597	9.0	140	13.2	686	24.3	118	13.2	1 397	6.2
Saunders	1 011	2.6	6 323	5.6	576	7.3	1 616	19.9	598	6.8	4 963	7.3
Scotts Bluff	655	4.0	7 593	3.0	392	8.5	2 239	8.4	498	6.3	8 099	4.5
Seward	712	3.0	5 088	4.9	368	9.1	1 645	11.5	442	7.3	5 457	7.6
Sheridan	542	4.1	3 672	5.0	282	9.3	970	7.4	389	6.8	4 908	7.3
Sherman	450	3.3	2 746	9.0	260	10.7	653	15.0	291	9.0	2 442	10.3
Sioux	284	5.4	2 355	7.6	92	17.0	498	17.3	215	10.2	2 024	5.5
Stanton	528	3.8	3 375	7.4	255	11.9	1 105	16.0	338	9.0	3 993	15.1
Thayer	490	4.2	5 214	4.9	335	8.0	1 881	8.8	398	6.7	6 681	6.8
Thomas	72	3.6	466	2.8	23	6.2	75	4.9	55	4.0	830	2.9
Thurston	310	6.2	2 229	6.4	187	11.0	943	7.5	205	11.6	2 919	10.5
Valley	423	2.8	3 122	7.6	246	11.3	854	9.9	270	9.2	3 627	12.4
Washington	631	2.7	3 894	6.0	235	10.5	854	29.2	431	6.0	3 576	6.1
Wayne	495	4.5	4 596	7.0	318	7.7	1 120	6.6	371	6.1	4 150	7.6
Webster	352	4.2	3 172	6.2	213	11.4	763	20.3	293	8.6	4 423	6.0
Wheeler	179	2.2	2 603	5.3	114	13.3	1 145	14.4	142	9.0	2 946	9.6
York	661	2.5	7 109	5.6	332	8.9	1 939	9.1	532	4.9	9 042	4.0

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)
Nebraska	**18 740**	**1.5**	**330 922**	**1.4**	**46 913**	**.9**	**218 119**	**1.1**	**48 752**	**.9**	**551 435**	**.8**
Adams	253	12.3	6 296	10.2	577	2.2	2 673	10.2	589	2.5	6 602	6.9
Antelope	308	8.0	4 996	5.8	720	2.7	3 457	4.3	775	2.1	10 146	2.6
Arthur	32	4.4	580	2.1	79	3.1	671	1.6	83	3.1	1 470	2.4
Banner	28	13.8	949	.9	206	2.7	1 034	7.9	210	2.7	2 976	3.3
Blaine	65	8.0	881	9.7	101	3.0	799	3.5	112	2.5	1 270	4.7
Boone	262	11.0	5 282	10.3	724	2.6	3 080	6.6	736	2.9	6 941	3.9
Box Butte	131	16.5	2 664	3.2	466	2.8	2 461	5.2	480	2.4	6 576	2.1
Boyd	164	13.1	2 141	18.9	312	5.3	1 208	16.1	350	2.7	2 171	4.4
Brown	139	14.3	2 510	7.0	329	3.4	1 450	9.8	331	2.8	4 432	4.7
Buffalo	352	9.6	6 153	9.6	939	3.0	3 868	6.2	965	2.5	10 207	4.5
Burt	250	9.1	2 635	11.8	547	2.7	2 856	8.1	540	3.0	4 755	4.1
Butler	315	9.1	5 918	10.1	719	2.9	3 145	7.4	759	2.1	6 742	7.0
Cass	208	11.9	3 778	15.8	625	3.0	2 924	7.3	652	2.2	4 046	7.3
Cedar	412	7.8	6 795	8.1	916	2.3	3 223	6.2	938	1.7	10 612	4.9

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Chase	117	13.4	4 662	6.6	324	4.6	2 626	13.7	352	2.5	7 374	3.8
Cherry	227	7.6	5 254	4.1	622	2.2	5 914	2.7	656	1.3	9 587	3.2
Cheyenne	166	16.8	1 530	18.6	616	2.5	2 730	6.7	622	2.1	5 656	7.9
Clay	224	11.7	6 656	10.5	476	3.8	4 255	5.2	513	3.0	10 470	4.3
Colfax	259	11.1	4 095	10.4	553	3.2	2 063	7.0	592	1.7	6 904	3.9
Cuming	476	6.9	7 878	6.5	902	2.7	3 855	4.6	949	1.9	13 664	2.4
Custer	594	7.2	12 462	6.0	1 166	2.7	6 129	5.5	1 239	1.8	14 254	3.4
Dakota	113	9.8	2 585	12.8	269	2.8	1 482	4.3	263	2.5	1 730	10.8
Dawes	79	17.6	724	9.9	463	1.6	1 374	7.4	450	2.9	2 753	8.5
Dawson	404	8.6	12 831	10.3	749	4.2	4 414	9.1	811	3.0	19 660	3.2
Deuel	47	21.6	704	22.6	220	4.2	1 245	7.0	240	3.1	1 949	9.3
Dixon	224	12.3	3 077	13.8	524	3.7	1 788	6.5	556	2.4	5 022	19.2
Dodge	367	8.4	7 690	9.5	678	3.6	2 856	6.8	752	2.1	7 613	3.3
Douglas	105	15.3	2 112	20.4	324	6.0	1 154	11.8	343	4.7	2 327	5.5
Dundy	124	15.4	2 623	11.1	294	3.8	1 925	6.4	290	3.2	4 258	5.4
Fillmore	276	10.1	6 252	7.8	513	4.3	3 312	6.4	569	2.5	7 669	3.8
Franklin	193	11.3	2 842	9.2	404	3.1	1 922	6.5	408	3.3	4 468	8.4
Frontier	192	10.4	3 361	9.8	351	2.7	2 162	7.4	351	2.1	4 306	3.9
Furnas	164	13.9	3 061	14.9	390	4.5	2 065	7.6	430	1.2	6 531	5.0
Gage	448	7.9	5 102	10.8	1 051	2.3	3 908	5.7	1 063	2.0	7 310	4.7
Garden	83	14.2	954	9.0	293	2.4	2 192	3.6	293	2.8	4 689	2.8
Garfield	62	19.4	1 017	22.9	166	6.2	568	9.5	201	2.1	1 779	10.3
Gosper	159	8.8	3 179	8.4	232	4.2	1 465	13.1	248	2.2	4 826	6.8
Grant	32	4.0	576	1.9	78	2.9	656	1.4	88	2.8	1 069	1.5
Greeley	209	10.2	2 804	17.1	346	4.4	1 265	12.6	377	2.3	4 185	9.1
Hall	246	13.6	4 297	10.7	644	2.5	3 144	9.0	672	2.1	10 058	3.6
Hamilton	301	10.6	6 743	13.1	573	4.4	3 945	8.8	624	2.3	9 978	4.3
Harlan	141	16.6	2 001	14.5	303	7.0	1 613	8.7	367	1.5	5 370	5.4
Hayes	125	10.7	1 493	9.2	238	3.8	1 316	9.1	240	3.8	3 950	5.6
Hitchcock	111	19.8	1 303	18.3	304	4.8	1 834	15.5	320	3.7	3 645	9.9
Holt	441	9.7	8 648	7.9	1 143	3.0	5 793	3.8	1 217	2.1	16 988	3.2
Hooker	32	3.4	455	2.1	74	2.4	387	1.1	85	2.4	926	1.5
Howard	220	13.6	2 879	10.8	596	3.0	2 284	10.3	602	3.1	7 779	5.7
Jefferson	174	14.4	2 514	13.0	599	2.2	2 735	7.3	595	2.5	5 004	8.5
Johnson	131	14.8	1 329	19.0	444	3.5	1 516	11.6	465	2.8	2 254	7.8
Kearney	179	10.8	5 912	4.9	461	2.5	2 650	11.5	493	1.2	7 714	3.7
Keith	131	11.1	3 000	4.1	329	3.5	1 944	4.4	367	1.8	5 248	4.4
Keya Paha	113	13.0	1 837	11.8	216	3.5	935	5.6	225	1.4	2 122	6.8
Kimball	68	17.6	867	17.1	299	3.3	1 196	6.3	304	2.7	1 758	6.9
Knox	360	9.1	3 662	11.2	961	2.5	2 963	4.7	1 023	1.7	9 557	5.0
Lancaster	305	9.7	2 707	8.5	1 372	1.7	4 435	5.3	1 312	2.2	5 043	5.8
Lincoln	341	8.8	6 628	6.6	933	2.5	4 677	4.9	939	1.9	10 102	4.1
Logan	37	12.1	636	5.2	114	3.8	813	2.8	121	2.2	1 593	4.0
Loup	60	10.6	825	10.2	130	3.5	688	5.7	136	2.5	1 437	4.8
McPherson	58	11.5	1 046	12.4	108	3.1	464	3.7	112	1.9	1 127	4.7
Madison	305	9.7	5 363	10.6	738	2.2	2 801	8.8	740	2.3	5 400	4.0
Merrick	189	14.6	4 382	16.9	521	2.0	2 806	7.2	538	1.6	8 354	4.2
Morrill	147	11.8	2 350	7.6	443	2.2	2 305	5.1	451	2.0	8 415	4.4
Nance	127	16.5	1 632	25.4	367	4.7	1 914	11.6	407	1.5	4 078	7.3
Nemaha	111	17.7	1 744	15.4	456	2.8	2 136	7.7	463	3.1	4 135	13.3
Nuckolls	184	15.3	2 950	14.5	466	3.6	1 926	13.2	463	2.8	4 251	8.4
Otoe	213	15.4	1 938	20.6	728	3.6	2 307	9.1	791	1.9	5 063	6.3
Pawnee	138	17.7	697	12.2	417	4.3	1 471	8.1	404	4.9	2 286	8.6
Perkins	169	13.6	4 199	9.4	435	4.6	2 094	7.3	434	3.5	4 942	5.3
Phelps	229	11.9	6 646	7.2	488	4.1	3 695	11.0	552	1.1	14 949	3.1
Pierce	336	10.2	5 875	7.5	685	2.5	2 049	8.0	700	1.9	6 233	8.0
Platte	458	9.8	8 878	14.5	949	2.7	3 783	8.1	1 003	1.8	11 336	4.4
Polk	246	13.3	4 349	14.6	535	4.2	2 231	9.8	593	1.3	8 778	4.5
Red Willow	156	16.1	2 198	7.5	412	3.6	2 055	12.6	406	3.4	3 826	7.2
Richardson	165	14.9	2 096	17.5	663	2.6	1 998	8.8	680	2.4	3 759	5.6
Rock	154	10.1	2 876	6.9	291	3.8	1 644	10.6	295	3.7	3 612	5.7
Saline	240	13.2	3 550	11.9	637	3.6	2 467	8.5	679	2.6	5 070	5.7
Sarpy	107	12.9	1 439	12.2	334	4.1	1 253	13.9	331	4.0	4 060	3.2
Saunders	393	8.5	5 502	8.1	1 116	1.7	4 366	6.2	1 084	2.3	6 527	5.1
Scotts Bluff	151	16.6	1 788	21.4	741	2.5	2 727	7.5	758	2.1	12 193	4.8
Seward	254	11.1	3 838	11.4	752	2.9	3 746	9.2	790	2.3	5 748	5.8
Sheridan	227	10.2	3 496	7.6	614	2.8	2 764	5.2	595	3.9	6 038	6.3
Sherman	152	17.5	1 760	16.2	443	4.0	2 026	7.8	450	3.5	3 861	6.9
Sioux	116	12.5	1 745	5.7	319	3.6	1 047	5.0	336	2.2	2 968	7.3
Stanton	181	11.6	2 863	12.9	532	4.3	1 847	9.2	585	2.3	5 858	7.7
Thayer	236	11.3	4 952	12.8	517	3.6	2 996	9.8	540	3.3	8 508	7.2
Thomas	33	5.3	433	4.6	81	3.4	564	1.9	81	3.4	711	3.5
Thurston	195	12.1	4 015	13.3	341	4.5	1 456	9.0	351	4.2	2 894	7.4
Valley	120	20.1	2 903	16.5	407	4.0	1 540	11.6	438	1.7	4 881	8.7
Washington	255	9.5	4 016	15.2	619	3.1	2 533	8.0	626	2.4	3 811	9.8
Wayne	298	8.5	5 621	9.6	567	3.1	1 585	8.0	565	2.8	5 176	6.3
Webster	174	12.0	1 573	12.6	388	4.8	1 687	11.4	371	3.9	6 450	5.4
Wheeler	80	18.9	1 443	12.0	176	4.5	1 234	9.5	173	5.0	5 389	6.2
York	364	7.6	7 424	9.4	630	3.6	3 566	8.1	684	1.9	11 224	2.9

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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)
Nebraska	**51 456**	**.9**	**2 095 114**	**.9**	**45 191**	**.9**	**22 092 954**	**.7**	**41 652**	**.9**	**17 551 212**	**.7**
Adams	624	1.2	25 629	8.8	567	1.2	288 204	1.3	547	1.2	261 899	1.2
Antelope	802	1.0	40 306	4.5	707	1.0	377 502	1.0	657	1.1	313 101	1.0
Arthur	83	3.1	3 731	1.8	71	1.7	59 489	1.0	69	1.8	44 160	1.0
Banner	220	.9	11 556	6.3	192	1.2	209 938	1.6	163	1.5	93 953	1.5
Blaine	118	1.8	510	(H)	82	2.3	43 626	3.0	74	2.5	35 743	2.2
Boone	767	1.0	36 047	7.0	683	1.1	317 281	1.2	638	1.2	256 255	1.2
Box Butte	508	.8	25 568	7.6	450	1.0	388 645	1.0	398	1.1	233 288	.9
Boyd	361	1.2	5 996	13.6	297	1.4	113 192	1.8	288	1.4	94 424	1.8
Brown	348	.9	11 980	9.3	267	1.2	133 141	1.2	250	1.3	117 212	1.0
Buffalo	1 082	1.1	34 698	6.0	951	1.1	380 134	1.2	883	1.1	303 485	1.1
Burt	579	.9	28 743	4.9	531	.9	263 978	1.1	489	1.0	235 884	1.1
Butler	805	1.0	27 006	7.3	745	1.0	307 444	1.1	682	1.0	273 271	1.1
Cass	694	1.1	25 239	4.3	628	1.2	254 950	1.4	578	1.3	231 715	1.4
Cedar	970	1.1	36 826	7.4	861	1.1	358 940	1.1	782	1.2	296 908	1.1
Chase	374	1.1	31 323	5.1	349	1.0	317 014	1.0	320	1.1	243 666	.9
Cherry	671	.8	17 522	3.9	499	.9	395 141	.5	455	.9	358 232	.5
Cheyenne	645	1.0	13 684	10.5	609	1.1	558 737	1.2	567	1.2	295 685	1.1
Clay	540	1.1	28 692	6.8	482	1.2	288 216	1.1	464	1.3	267 768	1.1
Colfax	603	1.1	26 962	5.5	532	1.3	202 627	1.4	504	1.3	184 181	1.4
Cuming	994	.8	90 510	3.3	875	.8	313 000	.9	841	.8	289 396	.9
Custer	1 306	1.0	77 849	3.2	1 038	1.1	486 411	1.0	962	1.1	377 047	.9
Dakota	289	1.2	8 119	7.1	261	1.1	119 520	1.1	218	1.3	98 893	1.1
Dawes	471	1.1	5 900	11.8	393	1.2	197 583	1.7	353	1.3	103 923	1.5
Dawson	856	1.1	88 810	2.6	704	1.1	354 226	1.1	666	1.1	298 992	.9
Deuel	251	1.2	3 619	22.0	237	.8	230 650	1.2	219	.9	125 621	1.1
Dixon	583	1.3	17 684	8.6	522	1.1	194 035	1.4	451	1.2	148 560	1.4
Dodge	797	.9	38 048	4.6	722	.8	294 743	.9	691	.9	278 383	.9
Douglas	368	.9	13 190	8.0	303	1.0	91 673	1.4	282	1.1	85 634	1.5
Dundy	323	1.1	24 969	7.6	279	1.3	217 469	1.2	254	1.4	148 777	1.3
Fillmore	585	1.2	39 472	5.3	530	1.2	326 497	1.1	524	1.2	301 857	1.1
Franklin	431	.9	11 894	12.5	369	1.1	192 229	1.4	342	1.2	152 863	1.2
Frontier	363	1.1	12 546	8.9	321	1.3	226 168	1.4	298	1.4	151 107	1.3
Furnas	434	1.2	12 050	12.8	385	1.2	279 044	1.3	357	1.3	195 568	1.2
Gage	1 145	1.0	28 029	6.6	1 020	1.1	409 596	1.2	922	1.1	342 431	1.2
Garden	308	1.2	9 013	6.8	267	1.2	196 938	1.5	247	1.3	133 437	1.2
Garfield	206	1.4	6 328	12.0	167	1.4	67 106	1.8	148	1.7	55 669	1.6
Gosper	253	1.1	5 023	16.4	216	1.1	127 159	1.4	208	1.2	105 092	1.4
Grant	88	2.8	1 534	4.5	60	2.2	40 648	1.2	58	2.2	39 649	1.2
Greeley	386	1.0	3 712	20.2	330	1.2	124 295	1.6	310	1.3	98 194	1.7
Hall	702	1.1	25 621	9.7	611	1.2	257 678	1.2	575	1.2	233 049	1.2
Hamilton	661	1.1	40 488	6.9	609	1.1	309 989	1.1	597	1.2	292 984	1.1
Harlan	372	1.0	11 278	13.2	345	1.0	219 060	1.1	326	1.1	166 063	1.1
Hayes	258	1.2	9 080	11.6	225	1.2	172 932	1.5	207	1.3	108 869	1.4
Hitchcock	339	1.2	8 769	13.9	317	1.2	238 900	1.6	298	1.4	144 420	1.4
Holt	1 291	1.1	49 844	5.3	1 059	1.1	617 702	1.0	962	1.2	490 001	.9
Hooker	88	2.4	1 859	1.7	44	2.3	20 349	1.6	34	2.5	14 694	1.4
Howard	647	1.1	25 169	6.5	585	1.1	209 699	1.4	544	1.2	167 559	1.4
Jefferson	625	1.3	19 358	9.1	556	1.1	238 431	1.3	524	1.2	201 576	1.3
Johnson	491	1.0	8 146	11.2	457	.9	145 630	1.7	389	1.1	95 980	1.7
Kearney	493	1.2	30 539	4.2	444	1.2	266 571	1.0	432	1.2	245 604	1.0
Keith	375	.9	23 510	5.3	312	1.1	253 941	1.1	268	1.3	171 507	.9
Keya Paha	225	1.4	7 725	8.1	187	1.6	104 405	1.5	178	1.7	85 198	1.5
Kimball	326	1.3	3 336	13.9	296	1.1	339 383	1.3	225	1.5	146 871	1.2
Knox	1 052	.9	16 008	10.9	924	1.0	327 165	1.2	844	1.0	242 595	1.2
Lancaster	1 457	.7	27 642	5.6	1 304	.7	344 400	1.1	1 151	.8	287 382	1.2
Lincoln	1 018	.9	32 584	5.1	807	.9	433 719	.9	718	1.0	323 917	.8
Logan	125	1.9	3 635	11.4	90	1.7	58 226	1.6	85	1.8	46 580	1.5
Loup	143	1.5	3 085	7.5	119	1.5	39 461	2.2	107	1.8	33 637	2.4
McPherson	112	1.9	1 799	10.8	81	1.9	35 876	2.1	70	2.2	28 562	1.9
Madison	781	1.0	28 988	5.1	691	1.0	275 478	1.2	633	1.1	238 373	1.2
Merrick	553	1.1	29 691	8.0	497	1.2	220 316	1.3	470	1.2	198 457	1.3
Morrill	474	.9	30 706	9.1	401	.9	232 414	1.1	370	1.0	171 318	.9
Nance	418	1.0	17 591	8.4	358	1.2	165 315	1.5	342	1.3	135 571	1.5
Nemaha	483	1.0	18 460	8.1	448	1.0	201 597	1.2	409	1.2	170 041	1.2
Nuckolls	496	1.2	12 285	11.8	455	1.0	227 670	1.2	435	1.1	191 621	1.2
Otoe	821	1.0	20 796	8.8	736	1.0	276 413	1.3	669	1.1	231 667	1.3
Pawnee	444	1.2	6 674	11.2	411	1.0	145 063	1.4	353	1.2	98 590	1.5
Perkins	491	1.1	11 118	14.5	465	.9	446 112	.9	395	1.1	272 263	.8
Phelps	553	1.1	60 981	2.5	492	1.1	301 608	1.0	475	1.1	270 609	.9
Pierce	717	1.2	21 048	8.9	643	1.1	257 827	1.2	579	1.2	218 688	1.2
Platte	1 022	1.2	56 307	4.0	890	1.2	355 723	1.2	851	1.3	330 952	1.2
Polk	601	.9	28 548	7.2	530	1.0	220 396	1.2	521	1.1	205 570	1.2
Red Willow	440	1.1	16 184	10.9	376	1.2	261 705	1.2	347	1.3	184 548	1.2
Richardson	717	1.3	20 700	5.5	665	1.1	242 399	1.3	601	1.2	202 648	1.3
Rock	316	1.1	6 973	8.4	255	1.2	168 976	1.7	221	1.4	139 447	1.1
Saline	727	1.3	19 336	9.1	666	1.2	264 956	1.4	629	1.3	235 212	1.4
Sarpy	367	1.0	9 200	9.9	341	.9	89 812	1.6	318	1.0	83 511	1.6
Saunders	1 176	.9	41 888	3.7	1 094	1.0	382 176	1.1	1 033	1.0	350 166	1.1
Scotts Bluff	789	.9	69 119	2.4	692	.9	226 616	1.2	642	1.0	184 212	1.2

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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)
Seward	833	.9	46 817	5.4	743	.9	278 609	1.2	690	1.0	251 976	1.2
Sheridan	656	1.0	15 843	6.3	546	1.1	335 051	1.3	486	1.2	211 255	1.0
Sherman	484	1.2	10 747	9.9	428	1.3	177 625	1.7	392	1.4	115 802	1.6
Sioux	343	.8	12 463	6.9	263	1.1	96 617	1.3	234	1.3	68 514	1.4
Stanton	608	.8	25 625	7.1	543	.9	182 573	1.3	469	1.1	143 272	1.4
Thayer	569	1.4	26 733	7.2	513	1.2	287 879	1.2	488	1.3	255 387	1.2
Thomas	87	3.4	1 448	7.3	54	2.9	13 677	2.2	48	3.2	12 308	2.4
Thurston	379	1.2	10 172	14.9	341	1.2	170 117	1.4	297	1.4	148 999	1.4
Valley	444	1.1	10 617	17.6	396	1.1	154 035	1.4	375	1.2	124 795	1.3
Washington	692	1.0	25 751	6.5	638	.9	195 823	1.3	585	1.0	176 832	1.3
Wayne	611	1.0	22 812	7.0	547	.9	232 678	1.1	474	1.1	199 730	1.1
Webster	434	1.0	13 912	9.3	382	1.1	182 972	1.4	343	1.2	136 887	1.4
Wheeler	186	1.1	30 436	3.5	153	1.5	121 762	1.8	144	1.7	89 763	1.3
York	713	1.1	35 352	4.8	664	1.1	320 258	1.1	641	1.2	303 257	1.1

Geographic area	Irrigated land				Livestock and poultry							
					Cattle and calves inventory				Beef cows inventory			
	Farms		Acres		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Nebraska	**18 804**	**.9**	**6 939 036**	**.7**	**29 298**	**.9**	**6 732 637**	**.4**	**23 881**	**.9**	**1 966 105**	**.7**
Adams	429	1.5	184 654	1.3	272	2.0	73 211	.7	236	2.2	(D)	(D)
Antelope	439	1.4	184 208	1.1	488	1.3	85 154	1.1	341	1.7	21 743	1.9
Arthur	26	4.5	16 097	11.7	79	1.0	38 108	.9	74	1.4	20 412	1.0
Banner	72	3.0	22 313	1.6	114	2.1	43 678	1.3	105	2.3	(D)	(D)
Blaine	30	4.8	8 857	4.9	96	1.7	47 372	1.2	89	2.0	(D)	(D)
Boone	385	1.6	129 050	1.3	484	1.4	94 484	1.2	382	1.7	22 728	2.1
Box Butte	245	1.6	135 860	1.1	238	1.7	93 274	.8	188	2.1	15 585	2.5
Boyd	21	6.8	5 399	4.7	301	1.3	52 768	1.9	268	1.5	23 809	2.1
Brown	134	2.2	51 767	2.0	256	1.3	104 209	.8	208	1.6	33 465	1.4
Buffalo	602	1.4	207 784	1.3	673	1.3	115 713	1.2	567	1.4	37 855	1.7
Burt	123	2.5	37 745	2.3	213	2.0	34 268	1.3	161	2.5	5 741	3.6
Butler	293	1.8	94 722	1.6	425	1.5	39 931	1.3	356	1.7	12 102	2.0
Cass	15	7.6	(D)	(D)	347	1.7	17 928	2.3	283	2.0	6 596	2.6
Cedar	188	2.2	62 717	2.0	665	1.3	99 839	1.1	468	1.6	21 393	1.6
Chase	238	1.5	167 575	1.1	182	1.8	59 793	1.5	148	2.1	(D)	(D)
Cherry	103	2.0	43 729	1.1	586	.7	324 871	.4	544	.8	167 527	.4
Cheyenne	166	2.4	48 120	1.9	257	1.9	68 536	1.1	199	2.3	(D)	(D)
Clay	378	1.5	182 032	1.2	237	2.0	76 937	.5	198	2.2	(D)	(D)
Colfax	170	2.5	52 242	2.6	332	1.7	88 327	.6	217	2.3	8 482	2.8
Cuming	143	2.2	31 618	1.8	520	1.2	222 560	.3	306	1.8	12 455	2.3
Custer	567	1.4	198 803	1.2	1 037	1.1	298 578	.8	896	1.2	101 397	1.3
Dakota	28	4.6	12 125	2.6	121	2.5	8 342	3.9	104	2.9	(D)	(D)
Dawes	89	3.2	16 294	2.7	341	1.3	59 413	1.5	299	1.5	31 384	1.6
Dawson	526	1.3	218 761	1.1	501	1.4	253 280	.5	400	1.6	40 111	1.9
Deuel	46	3.7	16 179	2.9	60	3.5	11 813	2.6	33	4.8	(D)	(D)
Dixon	59	3.9	16 262	3.7	341	1.5	43 296	1.4	273	1.7	11 746	2.2
Dodge	265	1.7	93 487	1.4	289	1.7	48 846	.9	200	2.2	5 639	2.8
Douglas	57	3.7	15 530	2.4	94	3.1	18 318	1.0	69	3.8	4 977	1.7
Dundy	176	1.9	85 302	1.5	206	1.7	73 881	1.3	175	2.0	(D)	(D)
Fillmore	392	1.5	194 913	1.1	253	2.0	41 514	1.0	200	2.4	6 716	3.2
Franklin	244	1.6	87 242	1.5	270	1.5	44 884	1.9	243	1.7	19 883	2.3
Frontier	179	2.1	54 968	2.0	278	1.5	79 605	1.3	268	1.5	31 258	1.9
Furnas	194	2.1	53 525	2.0	275	1.6	54 663	1.4	240	1.8	18 566	2.2
Gage	196	2.4	48 115	2.4	594	1.4	45 705	1.6	424	1.7	13 260	2.4
Garden	116	2.7	38 105	2.6	176	1.9	83 357	.8	164	2.0	(D)	(D)
Garfield	63	3.6	12 980	3.0	152	1.6	45 232	1.4	125	2.1	17 652	2.0
Gosper	155	1.7	67 890	2.1	184	1.4	32 885	1.8	161	1.6	(D)	(D)
Grant	5	8.7	1 380	3.5	85	1.0	37 603	1.2	76	1.3	18 651	1.3
Greeley	207	1.9	57 578	2.1	289	1.4	49 907	2.1	255	1.6	20 977	2.2
Hall	467	1.5	175 179	1.5	344	1.7	78 524	.9	261	2.1	13 998	2.1
Hamilton	512	1.3	237 634	1.2	263	2.0	42 319	1.3	203	2.4	7 479	2.6
Harlan	202	1.8	75 892	1.6	230	1.6	60 394	1.1	202	1.8	14 730	2.2
Hayes	107	2.5	34 550	2.6	173	1.7	55 504	1.3	160	1.9	18 020	2.0
Hitchcock	119	3.0	29 391	3.0	217	1.9	30 753	2.3	180	2.2	12 775	2.8
Holt	418	1.6	209 176	1.0	970	1.1	235 966	1.0	829	1.2	112 579	1.1
Hooker	11	4.5	2 795	2.6	80	1.0	27 398	.8	72	1.2	(D)	(D)
Howard	414	1.5	110 683	1.7	430	1.4	73 672	1.2	359	1.7	21 094	2.0
Jefferson	179	2.2	55 003	2.0	357	1.6	34 093	1.5	286	1.9	9 816	2.5
Johnson	49	4.5	10 135	3.5	309	1.4	21 762	2.4	268	1.7	9 635	2.9
Kearney	365	1.4	188 959	1.1	228	1.9	89 855	.6	178	2.3	9 384	2.6
Keith	153	1.9	78 033	1.3	189	1.7	78 880	.7	147	2.1	(D)	(D)
Keya Paha	41	4.4	10 874	3.3	192	1.5	61 565	1.6	179	1.6	28 590	1.8
Kimball	84	3.1	24 693	3.1	143	2.2	22 952	2.2	120	2.4	10 001	2.3
Knox	176	2.5	38 282	2.5	788	1.1	131 918	1.0	625	1.3	39 720	1.6

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Irrigated land				Livestock and poultry							
					Cattle and calves inventory				Beef cows inventory			
	Farms		Acres		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Lancaster	122	2.9	12 616	2.8	584	1.3	30 591	1.7	464	1.5	12 106	2.2
Lincoln	411	1.4	196 453	1.0	680	1.0	206 398	.7	591	1.2	73 593	1.1
Logan	45	3.1	15 302	2.7	99	1.5	35 871	.8	86	1.8	16 549	1.0
Loup	61	3.4	10 763	4.6	124	1.5	41 155	1.5	114	1.8	19 916	1.5
McPherson	30	4.0	7 498	2.2	105	1.1	41 686	1.1	97	1.3	20 274	1.4
Madison	256	2.0	78 954	1.7	422	1.5	70 443	1.0	320	1.8	14 133	2.2
Merrick	396	1.4	162 549	1.4	301	1.8	79 641	.9	259	2.0	13 582	2.3
Morrill	317	1.2	116 955	1.3	305	1.3	140 191	.6	271	1.5	(D)	(D)
Nance	204	2.0	60 038	2.0	284	1.6	40 556	1.6	232	1.9	14 774	2.4
Nemaha	14	6.1	3 621	5.3	249	1.8	18 896	2.1	220	2.0	8 111	2.5
Nuckolls	159	2.3	49 604	2.0	333	1.4	36 664	1.6	285	1.6	15 063	1.9
Otoe	28	6.6	4 495	8.1	431	1.5	25 281	2.1	354	1.7	10 390	2.4
Pawnee	7	10.9	(D)	(D)	288	1.5	26 194	1.7	256	1.7	11 465	2.1
Perkins	209	1.8	120 418	1.1	175	2.2	29 886	1.4	135	2.5	9 910	2.1
Phelps	421	1.2	224 025	1.1	234	1.8	169 064	.4	180	2.2	14 248	2.3
Pierce	260	1.9	91 535	1.6	434	1.5	65 110	1.2	328	1.8	13 719	2.3
Platte	522	1.6	148 488	1.4	471	1.6	87 516	.9	338	2.0	13 541	2.4
Polk	394	1.4	132 230	1.4	277	1.8	64 209	.8	222	2.1	9 860	2.6
Red Willow	171	2.2	53 708	2.2	239	1.8	60 141	1.2	189	2.1	(D)	(D)
Richardson	11	9.8	1 532	12.5	358	1.7	29 813	1.9	292	2.0	9 442	3.0
Rock	80	3.0	40 925	2.0	221	1.4	90 319	1.0	199	1.5	37 150	1.5
Saline	274	2.1	75 204	2.1	396	1.7	26 762	1.8	330	1.9	8 402	2.4
Sarpy	46	4.4	8 006	5.9	107	2.9	23 568	.6	75	3.6	1 503	4.3
Saunders	288	1.9	75 819	1.6	507	1.5	66 276	1.0	433	1.7	11 956	1.9
Scotts Bluff	631	1.0	173 159	1.3	351	1.5	156 021	.5	268	1.9	23 808	1.5
Seward	309	1.7	107 886	1.6	412	1.5	41 953	1.1	319	1.7	9 845	2.4
Sheridan	171	2.2	56 455	1.9	496	1.1	141 579	.9	439	1.3	67 628	1.1
Sherman	227	2.1	58 794	2.1	361	1.5	53 297	1.9	326	1.6	26 238	2.1
Sioux	136	2.2	41 469	2.3	267	1.2	95 528	.8	223	1.4	31 216	1.2
Stanton	91	3.2	23 426	3.0	336	1.4	65 449	.8	252	1.8	9 993	2.4
Thayer	294	1.8	115 901	1.6	328	1.7	51 996	1.2	277	1.9	12 740	2.5
Thomas	13	7.1	1 956	5.4	75	1.8	27 902	1.7	72	1.9	13 790	1.6
Thurston	26	6.4	6 109	5.6	182	2.2	34 601	1.3	132	2.7	4 897	3.8
Valley	262	1.7	72 199	1.6	303	1.5	71 378	1.3	258	1.7	23 395	2.1
Washington	61	3.9	15 447	2.2	262	1.9	33 183	1.3	187	2.4	5 010	3.3
Wayne	81	3.2	17 771	3.1	355	1.4	53 593	1.3	239	1.9	10 437	2.2
Webster	124	2.6	36 839	2.4	295	1.4	82 599	.9	268	1.6	18 011	2.0
Wheeler	78	2.9	48 831	1.7	142	1.6	93 181	.7	128	1.9	18 526	2.0
York	513	1.4	228 194	1.2	285	1.9	66 508	.7	211	2.3	10 200	1.9

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)
Nebraska	**1 352**	**1.2**	**68 216**	**.9**	**6 017**	**.9**	**3 452 386**	**.4**	**1 615**	**1.2**	**98 773**	**1.6**
Adams	4	23.4	(D)	(D)	46	5.3	13 685	5.1	21	9.0	678	15.6
Antelope	53	4.2	4 228	2.2	133	2.5	90 151	1.1	13	10.0	1 112	13.4
Arthur	3	15.7	4	11.8	–	–	–	–	2	23.6	(D)	(D)
Banner	2	31.2	(D)	(D)	4	15.1	(D)	(D)	6	14.2	497	26.7
Blaine	2	22.9	(D)	(D)	8	9.6	9 648	2.5	6	10.6	567	9.0
Boone	22	7.5	1 100	6.1	151	2.5	127 554	1.0	15	9.8	1 049	14.9
Box Butte	3	21.2	3	21.2	12	10.5	1 248	14.5	10	12.0	844	28.0
Boyd	18	7.4	528	7.3	58	4.2	14 636	3.5	18	8.7	426	10.2
Brown	16	9.2	616	11.9	14	8.4	7 659	1.7	18	8.1	1 708	9.7
Buffalo	26	7.4	874	7.7	117	3.3	25 277	3.7	47	5.2	9 464	3.7
Burt	10	10.7	392	8.7	92	3.1	59 292	1.9	17	8.1	1 555	10.3
Butler	9	12.1	627	9.3	88	3.5	27 042	3.3	35	6.0	1 256	7.9
Cass	15	8.2	731	7.5	60	4.5	15 366	4.1	22	7.6	523	9.3
Cedar	98	3.5	5 754	2.9	334	1.8	157 738	1.4	16	9.1	1 115	18.0
Chase	1	–	(D)	(D)	14	7.2	5 672	1.5	9	11.7	640	15.5
Cherry	30	5.0	170	6.8	9	10.5	905	13.7	9	10.4	300	6.7
Cheyenne	3	20.7	(D)	(D)	12	9.0	8 616	2.9	17	8.5	710	9.7
Clay	3	16.1	(D)	(D)	48	4.3	122 610	.7	20	7.3	6 601	1.7
Colfax	10	11.1	515	8.2	196	2.3	91 553	1.4	21	7.2	681	8.5
Cuming	29	5.4	1 207	4.4	324	1.6	210 346	1.0	24	7.1	1 317	18.9
Custer	45	5.2	1 654	3.4	100	3.3	63 586	1.4	54	5.0	4 318	5.3
Dakota	2	–	(D)	(D)	35	5.6	12 944	5.8	8	11.0	319	17.5
Dawes	14	9.4	69	17.7	15	9.4	591	10.2	42	5.1	2 487	8.7
Dawson	8	14.2	125	16.2	59	4.1	43 001	1.9	25	7.6	1 430	10.8
Deuel	1	–	(D)	(D)	8	9.6	2 026	6.8	9	10.5	271	15.7
Dixon	14	10.4	355	13.6	112	2.8	54 280	2.2	13	11.2	1 358	19.2
Dodge	6	11.3	733	4.9	150	2.5	87 323	1.3	35	6.1	1 670	10.6
Douglas	8	11.3	392	4.2	18	5.6	4 877	2.2	7	15.2	84	17.4
Dundy	4	17.0	(D)	(D)	14	9.6	5 323	7.6	7	11.8	917	17.8

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—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)
Fillmore	3	22.7	59	36.9	98	3.1	85 039	1.1	19	8.4	806	12.4
Franklin	10	10.6	328	12.7	27	6.4	8 219	6.9	9	12.5	225	15.9
Frontier	4	20.5	46	27.1	19	7.6	5 823	8.4	8	12.4	221	14.3
Furnas	7	11.5	64	7.5	24	6.5	54 352	1.3	14	10.0	820	26.0
Gage	69	3.8	4 677	3.0	173	2.5	102 559	1.4	33	6.4	1 202	8.6
Garden	3	19.3	(D)	(D)	5	12.2	(D)	(D)	11	11.4	391	13.9
Garfield	8	10.9	18	9.7	12	10.0	2 292	8.9	7	12.6	504	30.5
Gosper	1	38.5	(D)	(D)	17	6.7	41 080	.8	3	23.9	68	23.6
Grant	4	15.3	11	27.8	–	–	–	–	–	–	–	–
Greeley	13	9.4	681	6.4	52	4.5	40 139	1.4	9	10.4	768	12.5
Hall	4	12.0	604	4.4	47	5.2	33 149	2.5	23	7.7	1 095	14.5
Hamilton	8	14.3	280	18.7	72	3.9	36 363	2.7	15	8.9	1 039	9.4
Harlan	6	14.3	292	13.7	18	7.3	7 490	6.4	10	9.1	685	8.1
Hayes	4	15.3	84	18.8	18	8.3	3 858	9.9	3	21.4	(D)	(D)
Hitchcock	5	13.2	63	18.5	16	7.6	5 815	6.8	9	12.6	386	12.7
Holt	66	4.2	3 534	3.4	103	3.2	199 974	.5	42	5.6	2 302	9.2
Hooker	2	17.9	(D)	(D)	2	–	(D)	(D)	–	–	–	–
Howard	19	8.6	918	9.1	95	3.5	24 615	4.2	18	8.3	659	14.8
Jefferson	27	6.2	3 205	3.0	45	4.5	37 472	1.7	20	8.9	514	12.8
Johnson	4	13.5	285	1.9	55	4.2	24 402	2.8	14	9.3	551	18.8
Kearney	–	–	–	–	37	4.4	19 188	2.2	15	8.7	674	8.3
Keith	2	29.7	(D)	(D)	6	11.7	(D)	(D)	7	10.7	103	11.3
Keya Paha	25	6.5	1 481	4.6	8	14.4	990	22.9	9	12.2	339	13.7
Kimball	8	11.6	128	27.4	10	8.8	1 250	6.2	15	8.0	1 557	16.5
Knox	69	3.9	3 531	3.5	267	2.0	115 603	1.4	39	5.5	1 590	9.9
Lancaster	26	6.3	1 385	5.5	95	3.2	33 794	2.3	54	4.7	1 630	8.3
Lincoln	20	7.1	1 044	3.6	41	4.9	16 535	2.9	36	5.5	1 413	8.6
Logan	3	18.2	5	26.8	11	7.2	3 399	4.6	4	18.0	175	13.2
Loup	5	15.1	157	14.2	9	12.0	2 319	18.8	4	20.3	40	23.7
McPherson	10	7.8	17	7.4	2	–	(D)	(D)	2	25.0	(D)	(D)
Madison	17	8.7	1 080	4.3	134	2.8	56 815	2.1	25	7.7	1 475	13.3
Merrick	9	11.9	186	16.9	51	4.1	31 122	1.5	14	9.2	535	8.7
Morrill	2	30.1	(D)	(D)	16	8.2	1 900	14.8	14	8.8	511	16.8
Nance	5	13.6	478	9.4	57	4.4	35 079	1.6	6	16.4	268	19.7
Nemaha	8	14.6	101	24.8	54	4.1	59 283	1.3	15	9.6	460	15.8
Nuckolls	12	11.3	451	13.5	55	4.1	25 474	3.3	24	6.8	899	9.1
Otoe	27	6.4	1 014	6.7	87	3.5	56 748	1.9	21	8.1	905	13.1
Pawnee	12	9.7	670	9.9	66	3.6	20 678	3.0	19	7.8	1 913	9.5
Perkins	4	17.8	157	18.8	17	7.4	2 146	3.9	11	8.6	425	10.6
Phelps	7	13.3	269	16.7	34	4.7	25 093	1.8	24	6.7	1 925	4.0
Pierce	43	5.2	2 113	4.5	193	2.3	79 255	1.5	18	8.9	1 330	22.5
Platte	17	5.4	1 763	1.4	270	2.0	182 148	1.2	22	8.7	1 098	12.1
Polk	7	12.9	346	11.6	94	3.2	51 109	1.7	8	14.5	512	35.4
Red Willow	6	12.5	(D)	(D)	39	5.2	15 329	3.7	16	9.5	353	12.4
Richardson	24	6.4	1 855	4.2	69	3.9	26 356	2.9	22	7.9	698	10.2
Rock	13	7.3	387	8.5	7	12.1	739	7.4	12	8.4	1 185	20.9
Saline	11	10.1	489	8.7	87	3.8	43 614	2.6	26	7.2	1 521	9.6
Sarpy	6	12.3	261	14.4	25	6.4	8 264	5.3	10	12.0	962	15.5
Saunders	31	6.3	922	7.6	146	2.8	43 820	2.7	47	5.3	2 543	7.3
Scotts Bluff	13	8.9	293	13.9	33	5.9	7 589	3.8	21	7.9	611	13.0
Seward	12	9.5	1 191	3.3	90	3.3	44 268	2.1	29	6.4	1 071	10.6
Sheridan	16	8.2	76	26.7	24	7.0	4 657	4.6	32	6.8	2 180	9.0
Sherman	22	7.8	777	8.1	58	4.7	10 184	7.5	19	7.9	1 897	18.8
Sioux	11	9.3	37	12.5	7	11.0	(D)	(D)	7	11.6	805	3.2
Stanton	15	8.0	1 023	5.4	115	2.9	54 286	2.4	17	8.0	804	7.0
Thayer	12	10.6	411	9.3	46	4.6	21 812	3.3	28	6.7	1 376	10.3
Thomas	3	15.5	7	20.0	2	23.3	(D)	(D)	–	–	–	–
Thurston	5	16.5	854	7.8	81	3.6	34 129	3.3	14	9.6	876	15.8
Valley	8	14.0	119	17.9	64	4.0	30 952	2.6	10	11.5	800	12.1
Washington	22	6.5	1 559	3.7	107	3.1	56 935	2.2	31	6.1	1 889	10.4
Wayne	31	5.5	3 973	2.0	142	2.6	69 909	1.9	27	6.7	1 329	9.0
Webster	9	11.2	538	7.3	37	4.9	48 104	1.5	8	13.4	333	18.1
Wheeler	13	9.7	797	6.5	12	7.6	56 314	.6	6	14.4	354	27.9
York	5	19.2	84	24.9	83	3.3	61 295	1.4	14	8.7	1 023	30.1

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older 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)
Nebraska	**1 476**	**1.2**	**9 830 477**	**1.0**	**225**	**2.6**	**725 964**	**.9**
Adams	10	13.0	650	22.3	6	15.2	2 121	33.2
Antelope	12	10.5	806	13.8	1	46.3	(D)	(D)
Arthur	5	13.1	112	20.2	–	–	–	–
Banner	7	12.7	102	12.3	–	–	–	–

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older 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)
Blaine	4	11.5	58	6.3	–	–	–	–
Boone	7	15.7	207	21.4	2	29.8	(D)	(D)
Box Butte	14	10.4	299	17.3	1	41.9	(D)	(D)
Boyd	16	8.8	344	10.4	–	–	–	–
Brown	17	7.3	332	8.5	4	13.1	2 700	16.6
Buffalo	26	7.8	641	9.9	3	21.3	160	22.1
Burt	13	10.3	421	18.0	2	20.4	(D)	(D)
Butler	26	6.6	568 552	.5	5	18.7	591	26.4
Cass	22	7.6	533	9.6	4	19.2	2 208	26.0
Cedar	14	8.9	1 288	12.1	2	33.5	(D)	(D)
Chase	9	11.6	132	13.6	–	–	–	–
Cherry	20	6.5	419	5.9	1	–	(D)	(D)
Cheyenne	6	18.0	180	30.6	1	49.2	(D)	(D)
Clay	10	10.7	129	12.5	4	18.9	175	23.7
Colfax	22	7.8	(D)	(D)	12	10.2	10 005	15.0
Cuming	22	7.2	1 538	10.6	3	23.5	250	24.5
Custer	56	4.9	1 560	8.0	6	16.6	560	22.8
Dakota	1	34.5	(D)	(D)	–	–	–	–
Dawes	26	6.6	543	8.5	2	–	(D)	(D)
Dawson	31	6.2	811	9.1	3	21.3	1 532	31.3
Deuel	2	22.2	(D)	(D)	–	–	–	–
Dixon	11	10.7	(D)	(D)	4	20.9	1 775	27.0
Dodge	19	7.5	(D)	(D)	8	13.8	2 295	19.7
Douglas	14	8.9	629	9.1	1	36.2	(D)	(D)
Dundy	8	13.1	161	14.7	–	–	–	–
Fillmore	9	11.6	391	7.2	1	45.2	(D)	(D)
Franklin	12	8.4	225	9.6	–	–	–	–
Frontier	30	6.5	805	9.1	3	19.5	100	24.8
Furnas	11	10.0	205	10.1	1	45.1	(D)	(D)
Gage	27	7.2	(D)	(D)	7	15.4	(D)	(D)
Garden	9	13.0	148	13.7	1	36.5	(D)	(D)
Garfield	14	9.8	234	13.4	–	–	–	–
Gosper	4	12.0	40	12.8	2	24.0	(D)	(D)
Grant	4	16.8	58	16.5	–	–	–	–
Greeley	24	7.1	102 972	13.6	4	16.4	570	22.1
Hall	20	8.7	539	10.9	–	–	–	–
Hamilton	18	8.6	620	11.0	5	14.8	1 057	28.8
Harlan	13	9.0	421	11.3	2	22.3	(D)	(D)
Hayes	8	11.1	116	13.9	–	–	–	–
Hitchcock	16	9.4	490	13.1	–	–	–	–
Holt	51	5.5	2 076	8.9	3	21.4	2 900	20.3
Hooker	5	9.8	102	7.2	–	–	–	–
Howard	20	8.9	648	16.2	1	45.0	(D)	(D)
Jefferson	11	10.0	(D)	(D)	1	45.1	(D)	(D)
Johnson	6	14.3	142	18.7	1	38.1	(D)	(D)
Kearney	4	19.8	72	20.0	–	–	–	–
Keith	13	9.0	314	8.9	2	22.8	(D)	(D)
Keya Paha	7	11.0	208	7.1	–	–	–	–
Kimball	9	11.0	184	17.3	–	–	–	–
Knox	31	6.1	(D)	(D)	1	40.9	(D)	(D)
Lancaster	38	5.5	3 176	1.7	10	10.6	2 893	10.5
Lincoln	29	6.4	593	8.3	5	18.9	(D)	(D)
Logan	3	24.0	50	24.8	–	–	–	–
Loup	6	11.9	173	9.7	–	–	–	–
McPherson	7	8.2	214	9.7	–	–	–	–
Madison	21	7.8	2 771	13.9	8	12.0	15 300	17.6
Merrick	14	10.6	459	20.8	2	23.7	(D)	(D)
Morrill	16	7.5	242	7.9	–	–	–	–
Nance	15	9.3	625	12.1	4	20.4	193	26.0
Nemaha	14	9.1	928	13.6	3	20.3	442	20.7
Nuckolls	11	9.2	249	8.5	4	18.1	10 500	6.7
Otoe	17	9.0	1 128	18.4	4	15.9	66	17.6
Pawnee	19	7.3	781	9.7	3	18.6	(D)	(D)
Perkins	9	12.1	163	19.0	–	–	–	–
Phelps	15	8.9	425	14.1	1	32.2	(D)	(D)
Pierce	25	7.6	2 480	10.8	4	16.3	1 200	17.2
Platte	19	8.7	1 052	6.5	4	20.0	2 500	24.3
Polk	11	9.9	187 186	(L)	2	23.2	(D)	(D)
Red Willow	17	8.8	428	23.7	4	16.4	(D)	(D)
Richardson	12	11.7	435	16.7	1	43.7	(D)	(D)
Rock	3	18.2	35	22.4	–	–	–	–
Saline	29	7.0	906	11.2	8	11.5	640	17.8
Sarpy	10	12.2	182	11.8	–	–	–	–
Saunders	41	5.5	1 556	7.7	15	9.2	1 640	13.0
Scotts Bluff	22	7.4	473	11.9	1	40.2	(D)	(D)
Seward	21	7.6	546	8.6	2	21.5	(D)	(D)
Sheridan	30	6.1	796	8.3	4	15.8	210	15.0
Sherman	15	9.3	433	10.3	2	32.8	(D)	(D)
Sioux	22	6.6	643	10.6	–	–	–	–
Stanton	12	10.3	240	11.1	5	14.4	815	17.4

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older 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)
Thayer	20	8.2	907	11.8	2	29.0	(D)	(D)
Thomas	4	11.7	51	18.3	–	–	–	–
Thurston	5	18.3	(D)	(D)	–	–	–	–
Valley	17	9.1	473	9.2	–	–	–	–
Washington	27	6.7	590	8.2	4	19.0	445	35.5
Wayne	17	8.0	(D)	(D)	4	17.9	372	19.9
Webster	12	10.2	385	15.1	4	14.0	1 136	19.3
Wheeler	5	9.3	290	16.0	–	–	–	–
York	20	8.4	(D)	(D)	5	18.0	1 240	20.2

Geographic area	Selected crops harvested											
	Corn for grain or seed						Corn for silage or green chop					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)
Nebraska	**29 149**	**1.0**	**8 279 499**	**.7**	**1 055 193 186**	**.7**	**4 058**	**1.0**	**209 587**	**.7**	**3 282 555**	**.7**
Adams	465	1.4	189 824	1.3	26 503 519	1.3	21	6.9	451	8.1	8 040	6.4
Antelope	561	1.2	181 479	1.0	22 261 558	1.0	93	3.2	3 955	2.2	54 027	2.0
Arthur	13	5.3	5 854	4.3	685 110	5.1	4	–	271	–	2 600	–
Banner	36	3.9	5 912	3.9	728 883	4.0	10	7.9	442	2.8	6 805	3.3
Blaine	20	6.6	4 958	9.0	562 933	10.5	8	5.4	1 290	.7	22 350	.6
Boone	559	1.3	167 156	1.2	19 043 425	1.2	113	3.3	4 408	2.8	66 924	3.1
Box Butte	192	1.8	47 725	1.2	6 520 983	1.1	36	4.3	3 322	1.7	65 150	1.3
Boyd	197	2.0	30 055	2.1	2 767 528	2.3	20	7.3	1 367	8.8	13 897	8.8
Brown	113	2.4	44 329	2.2	6 189 797	2.3	28	5.0	2 883	2.3	57 045	1.8
Buffalo	646	1.3	207 583	1.2	28 262 955	1.2	102	3.4	3 009	3.9	41 314	3.4
Burt	427	1.1	115 996	1.1	13 902 963	1.1	19	7.1	707	16.4	13 312	20.5
Butler	569	1.2	157 102	1.1	18 935 610	1.1	48	4.5	1 919	3.9	28 515	3.5
Cass	457	1.5	104 551	1.4	12 295 734	1.4	25	7.0	1 576	14.4	24 217	16.4
Cedar	672	1.3	138 877	1.2	14 007 152	1.2	214	2.3	8 552	2.3	95 060	2.3
Chase	231	1.5	148 673	1.0	22 395 513	1.0	30	4.5	2 884	3.5	57 071	3.8
Cherry	46	3.5	13 236	2.6	1 940 842	2.6	18	5.3	2 034	1.6	22 941	1.2
Cheyenne	93	3.0	16 219	2.2	2 147 936	2.3	28	6.3	2 004	4.0	34 865	4.4
Clay	388	1.5	164 837	1.3	23 196 302	1.3	21	6.5	5 651	1.1	123 436	1.3
Colfax	440	1.5	97 590	1.5	12 362 560	1.6	69	3.7	5 630	3.3	98 311	3.6
Cuming	755	.9	143 958	.9	16 636 737	.9	102	2.2	7 082	2.3	113 211	2.5
Custer	675	1.3	217 261	1.0	26 265 913	1.1	193	2.4	11 014	2.4	178 152	1.9
Dakota	174	1.6	47 001	1.2	5 461 316	1.2	14	8.2	1 162	13.7	12 894	14.6
Dawes	32	5.2	4 622	4.4	557 436	4.6	12	10.1	342	10.8	5 777	9.9
Dawson	533	1.3	206 727	1.1	29 188 754	1.0	103	2.7	5 414	2.4	99 164	2.5
Deuel	56	3.3	15 252	2.4	1 873 584	2.2	6	9.0	(D)	(D)	2 602	9.8
Dixon	379	1.4	75 200	1.5	7 741 041	1.5	59	4.2	1 566	5.6	16 845	6.1
Dodge	609	1.0	155 007	1.0	19 602 452	1.0	36	4.6	992	3.8	16 559	3.3
Douglas	191	1.6	44 498	1.6	5 877 428	1.5	8	9.9	1 472	12.3	18 615	11.7
Dundy	171	1.9	85 019	1.6	11 884 992	1.5	23	4.2	1 303	1.5	25 168	1.7
Fillmore	433	1.4	184 125	1.1	27 203 083	1.1	30	4.7	1 376	2.0	30 989	1.6
Franklin	265	1.5	92 347	1.4	13 006 183	1.3	37	5.1	1 120	4.9	17 902	4.1
Frontier	235	1.7	78 116	1.4	8 585 710	1.5	32	5.6	2 183	5.0	33 160	4.7
Furnas	250	1.7	81 303	1.5	8 926 481	1.6	44	4.7	1 895	11.5	27 700	11.7
Gage	491	1.5	76 200	1.6	9 007 307	1.7	69	3.9	2 804	5.1	43 576	5.2
Garden	100	2.9	21 137	3.4	2 571 247	3.7	17	7.7	737	10.6	12 720	11.7
Garfield	91	2.7	13 763	2.7	1 527 305	3.1	32	5.3	1 149	6.7	16 484	6.8
Gosper	177	1.5	68 941	1.7	9 011 007	1.8	38	4.4	1 342	3.4	17 469	3.1
Grant	1	–	(D)	(D)	(D)	(D)	1	43.3	(D)	(D)	(D)	(D)
Greeley	248	1.6	64 544	2.1	7 372 306	2.1	86	3.4	3 818	6.4	58 486	7.8
Hall	486	1.4	191 604	1.3	26 761 601	1.3	37	4.7	1 569	2.1	33 897	1.8
Hamilton	547	1.2	246 752	1.1	35 793 236	1.1	30	5.3	1 447	3.7	29 284	3.2
Harlan	225	1.6	86 847	1.4	12 214 557	1.4	44	4.1	2 136	3.1	28 943	3.3
Hayes	149	2.0	46 342	1.8	4 784 670	1.8	28	5.4	1 144	5.9	14 974	6.8
Hitchcock	160	2.4	43 492	2.3	4 546 271	2.4	25	6.5	615	4.2	9 226	4.1
Holt	471	1.6	164 150	1.1	23 234 803	1.0	104	3.1	4 309	2.8	59 205	3.0
Hooker	2	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Howard	442	1.4	114 887	1.6	13 628 919	1.7	75	4.0	2 311	4.5	29 830	3.6
Jefferson	291	1.7	54 874	1.6	7 295 966	1.7	37	5.2	1 760	3.0	34 974	2.7
Johnson	240	1.7	27 202	2.0	2 966 462	2.1	21	7.5	365	10.3	4 589	9.9
Kearney	376	1.3	194 528	1.1	28 655 989	1.1	37	4.2	1 900	5.7	31 692	6.1
Keith	151	1.9	69 312	1.3	8 831 919	1.3	17	3.5	2 542	2.4	51 980	2.1
Keya Paha	64	3.6	13 074	2.5	1 583 248	2.7	19	6.5	1 367	7.6	17 562	8.1
Kimball	56	3.6	8 702	3.2	872 034	3.3	11	7.6	517	10.4	6 610	9.0
Knox	641	1.2	101 004	1.3	9 436 587	1.4	213	2.2	9 312	2.4	108 223	4.2
Lancaster	508	1.4	90 853	1.4	9 887 415	1.4	36	5.3	1 070	5.5	16 801	5.7
Lincoln	410	1.4	180 075	1.0	24 824 421	1.0	74	3.3	3 381	2.5	52 663	2.1
Logan	55	2.8	20 283	2.6	2 414 684	2.8	6	5.5	620	1.8	10 830	2.3
Loup	69	3.1	8 322	5.1	891 466	5.5	21	6.9	551	6.3	8 080	7.0
McPherson	10	5.7	3 018	5.6	392 744	5.8	4	–	910	–	18 000	–

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested											
	Corn for grain or seed						Corn for silage or green chop					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)
Madison	514	1.3	125 522	1.2	13 094 751	1.2	86	3.5	4 912	1.9	63 133	1.9
Merrick	425	1.4	153 615	1.4	20 697 729	1.4	33	5.5	1 098	3.9	17 922	3.7
Morrill	241	1.5	52 489	1.4	7 336 584	1.4	34	3.8	2 576	2.0	48 624	1.9
Nance	302	1.5	87 202	1.6	9 987 322	1.6	38	5.6	1 070	5.4	13 752	6.0
Nemaha	348	1.4	73 896	1.2	7 554 134	1.2	23	6.3	2 250	5.5	38 092	7.7
Nuckolls	272	1.7	66 528	1.4	8 512 596	1.5	16	7.2	421	7.1	6 664	6.4
Otoe	541	1.3	100 059	1.4	10 563 489	1.3	25	7.6	872	11.3	14 765	18.1
Pawnee	169	2.1	22 130	2.3	2 018 343	2.0	20	7.2	510	9.4	4 431	11.1
Perkins	251	1.6	115 823	1.1	15 155 858	1.2	17	6.5	963	3.7	20 163	2.9
Phelps	444	1.1	231 065	1.0	34 309 293	1.0	66	3.3	5 209	4.1	68 455	6.2
Pierce	491	1.3	119 747	1.2	14 157 726	1.2	108	3.1	3 317	4.4	39 114	3.0
Platte	769	1.4	196 527	1.1	23 984 205	1.1	93	3.2	5 580	2.1	81 887	2.1
Polk	448	1.2	137 230	1.3	18 550 609	1.3	31	5.0	1 988	1.7	38 575	1.7
Red Willow	208	1.9	77 415	1.5	9 682 705	1.5	32	5.4	1 961	5.4	27 138	3.7
Richardson	456	1.4	78 381	1.5	7 676 608	1.5	30	5.7	2 206	5.1	26 860	5.5
Rock	56	3.7	27 146	2.0	3 554 102	2.2	3	–	210	–	(D)	(D)
Saline	401	1.7	85 699	1.7	11 113 877	1.9	35	5.8	653	10.4	11 583	17.2
Sarpy	240	1.4	41 852	1.8	5 026 623	2.0	15	7.2	730	11.4	11 760	13.3
Saunders	851	1.2	171 891	1.1	19 473 870	1.1	39	5.5	1 248	10.8	16 965	9.8
Scotts Bluff	455	1.3	75 442	1.3	10 561 837	1.4	58	3.9	3 137	2.2	61 646	2.1
Seward	465	1.3	128 849	1.3	17 467 605	1.3	42	4.7	1 688	6.5	31 741	5.7
Sheridan	121	2.7	26 490	2.1	3 455 817	2.2	34	5.1	1 769	4.6	26 767	3.4
Sherman	282	1.8	65 040	1.8	7 991 011	1.9	52	4.8	1 473	4.8	16 231	3.8
Sioux	73	3.5	14 377	3.7	1 930 956	3.4	11	7.4	669	1.7	14 035	1.5
Stanton	377	1.3	70 674	1.5	7 712 717	1.5	69	3.4	4 899	2.1	81 919	2.4
Thayer	352	1.6	115 694	1.4	16 378 826	1.4	19	6.9	1 298	2.4	22 056	2.7
Thomas	4	–	1 010	–	127 225	–	1	–	(D)	(D)	(D)	(D)
Thurston	263	1.5	71 102	1.5	7 628 903	1.5	35	5.4	2 397	4.0	43 948	2.3
Valley	293	1.5	69 406	1.3	8 382 454	1.4	69	3.9	1 975	4.3	22 910	4.4
Washington	454	1.3	81 311	1.4	9 890 594	1.3	40	5.3	1 575	4.3	30 416	6.2
Wayne	400	1.2	92 990	1.2	10 004 693	1.2	114	2.9	5 153	2.5	71 494	2.8
Webster	208	1.8	56 886	1.6	6 893 430	1.6	19	7.5	1 792	12.6	25 715	14.4
Wheeler	84	2.9	29 617	1.9	3 826 694	1.8	25	5.2	5 411	1.5	99 139	.8
York	547	1.3	233 718	1.1	34 419 673	1.1	38	5.2	1 364	2.1	28 019	2.1

Geographic area	Selected crops harvested—Con.											
	Sorghum for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Nebraska	**5 965**	**1.1**	**720 276**	**1.0**	**56 264 473**	**1.0**	**9 826**	**1.0**	**1 772 069**	**.7**	**61 578 806**	**.7**
Adams	144	2.9	12 206	3.3	926 186	3.3	190	2.4	13 573	2.9	432 277	3.0
Antelope	7	9.3	459	12.7	33 320	13.1	4	17.0	(D)	(D)	(D)	(D)
Arthur	–	–	–	–	–	–	2	23.6	(D)	(D)	(D)	(D)
Banner	1	46.5	(D)	(D)	(D)	(D)	138	1.8	62 774	2.0	2 155 311	1.9
Blaine	1	–	(D)	(D)	(D)	(D)	1	–	(D)	(D)	(D)	(D)
Boone	6	14.8	212	19.1	16 245	19.4	11	10.8	572	12.3	19 222	14.5
Box Butte	1	–	(D)	(D)	(D)	(D)	311	1.4	97 365	1.6	3 781 151	1.5
Boyd	29	5.9	2 052	8.5	87 018	6.8	22	6.2	1 516	5.6	43 789	5.8
Brown	1	37.1	(D)	(D)	(D)	(D)	2	18.6	(D)	(D)	(D)	(D)
Buffalo	45	5.1	3 571	7.3	198 806	6.8	166	2.7	7 185	3.1	239 063	3.3
Burt	5	15.2	74	10.3	6 424	9.6	6	15.1	43	22.5	1 380	22.0
Butler	138	2.9	11 309	4.2	843 809	4.3	75	4.0	2 017	4.2	57 193	5.5
Cass	41	6.1	3 693	9.4	282 179	9.4	85	4.0	3 824	3.4	146 681	3.6
Cedar	2	–	(D)	(D)	(D)	(D)	13	8.6	566	13.6	18 161	12.9
Chase	7	11.7	1 628	3.2	163 976	2.4	239	1.5	58 386	1.7	2 328 439	1.8
Cherry	2	30.0	(D)	(D)	(D)	(D)	13	8.0	3 394	10.9	104 650	10.4
Cheyenne	7	12.9	594	17.1	39 172	19.3	540	1.2	213 524	1.2	7 025 623	1.3
Clay	180	2.4	25 284	2.9	2 045 228	3.0	106	3.2	6 107	3.1	210 377	2.9
Colfax	21	7.7	869	9.2	55 864	9.8	24	7.1	641	9.3	18 830	9.3
Cuming	5	12.5	539	7.1	45 988	6.6	–	–	–	–	–	–
Custer	10	10.9	652	7.8	34 017	6.5	141	2.8	12 134	2.4	430 992	2.6
Dakota	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Dawes	2	19.7	(D)	(D)	(D)	(D)	201	1.9	36 633	2.3	1 315 099	2.4
Dawson	18	7.8	912	7.9	57 351	8.4	70	3.8	4 490	4.5	165 530	4.9
Deuel	1	–	(D)	(D)	(D)	(D)	208	1.0	89 702	1.3	2 565 061	1.3
Dixon	4	17.6	91	24.0	5 760	26.5	2	22.3	(D)	(D)	(D)	(D)
Dodge	19	5.9	1 800	2.6	126 262	2.6	22	6.7	585	9.4	14 070	9.4
Douglas	5	8.1	182	11.5	17 988	11.6	11	8.8	988	7.1	30 996	6.8
Dundy	16	9.3	1 959	11.3	104 993	11.1	151	2.2	33 892	2.3	1 309 648	2.3
Fillmore	260	2.0	32 969	2.6	2 710 114	2.7	130	3.1	7 854	6.6	276 931	7.3
Franklin	136	2.4	14 940	3.2	1 048 395	3.3	188	1.9	17 551	2.2	648 812	2.0
Frontier	75	3.6	9 296	3.7	498 093	3.6	210	1.9	40 261	1.6	1 596 177	1.6
Furnas	123	2.8	18 434	2.8	1 353 888	2.9	285	1.5	64 234	1.5	2 681 025	1.6
Gage	646	1.4	101 141	1.5	8 493 880	1.5	469	1.6	37 709	1.7	1 390 784	1.8

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.											
	Sorghum for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Garden	5	17.1	520	24.4	37 687	26.6	158	2.0	53 161	2.2	1 543 706	2.7
Garfield	3	19.6	(D)	(D)	(D)	(D)	2	20.3	(D)	(D)	(D)	(D)
Gosper	64	3.4	7 678	4.1	453 753	4.3	116	2.2	13 881	2.8	537 900	2.9
Grant	–	–	–	–	–	–	–	–	–	–	–	–
Greeley	11	11.1	497	10.2	23 102	11.7	13	8.8	544	6.5	23 104	4.8
Hall	24	6.8	3 031	4.6	233 245	4.5	40	5.7	1 353	6.5	42 896	6.4
Hamilton	58	4.6	4 562	5.9	354 037	6.5	31	6.8	955	7.7	32 916	8.8
Harlan	146	2.3	17 391	3.0	1 256 815	3.1	235	1.5	36 529	1.6	1 453 427	1.8
Hayes	16	7.7	1 633	6.0	108 164	7.2	171	1.7	45 566	1.8	1 653 545	1.8
Hitchcock	58	4.4	6 535	5.3	382 898	7.0	271	1.5	83 031	1.5	3 183 574	1.6
Holt	4	–	160	–	8 480	–	18	7.6	2 353	7.2	58 928	6.8
Hooker	–	–	–	–	–	–	–	–	–	–	–	–
Howard	16	9.1	674	10.6	32 487	11.5	74	4.1	1 723	5.4	49 878	5.8
Jefferson	360	1.6	47 067	1.8	3 835 363	1.7	266	1.9	24 082	2.0	925 954	2.2
Johnson	195	2.0	20 876	2.7	1 748 769	2.8	122	2.8	4 812	3.4	166 563	3.3
Kearney	61	4.5	5 545	5.3	389 025	5.1	153	2.6	11 788	2.9	405 312	3.0
Keith	–	–	–	–	–	–	177	1.8	55 464	1.6	1 803 500	1.5
Keya Paha	3	–	339	–	16 075	–	5	13.3	608	4.1	23 686	2.6
Kimball	5	15.1	885	13.4	55 200	5.3	204	1.6	102 950	1.5	2 264 911	1.6
Knox	21	7.0	724	9.6	37 024	8.9	14	10.3	602	10.8	16 438	9.8
Lancaster	444	1.5	51 498	1.9	4 320 200	1.9	299	1.9	19 724	2.4	665 234	2.3
Lincoln	9	9.3	455	11.0	19 438	9.4	183	2.1	29 244	1.8	984 326	1.9
Logan	1	–	(D)	(D)	(D)	(D)	29	4.4	2 978	4.9	90 944	5.7
Loup	3	21.6	105	21.6	8 450	21.0	2	23.1	(D)	(D)	(D)	(D)
McPherson	2	20.6	(D)	(D)	(D)	(D)	3	19.1	77	19.4	2 400	19.8
Madison	2	21.8	(D)	(D)	(D)	(D)	5	12.3	128	8.2	4 615	7.6
Merrick	7	9.6	486	10.8	27 382	10.2	37	5.6	642	5.6	19 607	5.8
Morrill	1	–	(D)	(D)	(D)	(D)	129	2.3	33 445	2.4	1 180 164	2.3
Nance	16	8.0	796	12.5	63 342	13.6	51	4.8	1 725	5.7	55 901	6.2
Nemaha	53	4.8	3 723	5.5	315 191	5.6	110	3.0	5 906	3.3	224 924	3.3
Nuckolls	292	1.6	46 995	1.8	3 749 797	1.8	303	1.5	36 836	1.7	1 340 403	1.7
Otoe	134	3.0	11 094	3.7	920 934	3.8	168	2.7	8 660	2.9	331 578	2.9
Pawnee	192	2.0	26 840	2.2	2 042 603	2.3	89	3.2	5 473	3.4	205 849	4.0
Perkins	4	10.9	435	10.0	25 956	2.2	328	1.3	119 352	1.3	3 824 030	1.3
Phelps	55	4.0	6 407	4.7	421 518	3.5	65	3.8	4 482	4.3	155 436	4.2
Pierce	–	–	–	–	–	–	2	32.6	(D)	(D)	(D)	(D)
Platte	14	9.5	599	12.0	46 269	13.8	51	4.6	1 203	3.5	36 121	3.6
Polk	53	4.7	3 979	5.8	356 401	5.7	31	5.7	1 253	7.0	26 273	7.6
Red Willow	96	3.2	14 714	3.8	955 351	3.7	266	1.6	73 126	1.5	3 195 469	1.5
Richardson	104	3.4	11 158	3.0	868 045	2.9	104	3.4	4 553	3.5	182 327	3.3
Rock	1	41.5	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Saline	406	1.7	57 630	2.0	4 628 214	2.0	259	2.1	16 596	2.6	578 885	2.7
Sarpy	3	20.9	124	20.0	11 400	19.9	19	7.2	412	8.8	14 689	8.1
Saunders	120	3.2	8 689	3.7	603 240	4.1	121	3.1	4 526	5.1	146 947	5.2
Scotts Bluff	3	13.5	(D)	(D)	(D)	(D)	83	3.6	12 808	4.3	424 520	4.1
Seward	305	1.8	32 287	2.3	2 588 406	2.3	103	3.4	3 813	4.8	125 379	5.0
Sheridan	5	16.1	427	23.9	16 280	21.6	234	2.0	54 372	1.9	1 844 016	1.7
Sherman	22	7.6	1 137	7.7	67 184	7.0	59	4.2	2 146	3.4	70 765	2.9
Sioux	1	–	(D)	(D)	(D)	(D)	40	4.7	7 181	3.6	270 842	3.3
Stanton	3	13.6	110	18.6	(D)	(D)	2	28.9	(D)	(D)	(D)	(D)
Thayer	323	1.7	41 210	2.0	3 189 989	2.1	264	2.0	30 041	2.1	1 176 322	2.2
Thomas	1	–	(D)	(D)	(D)	(D)	1	–	(D)	(D)	(D)	(D)
Thurston	2	–	(D)	(D)	(D)	(D)	3	22.1	103	32.4	3 924	33.7
Valley	4	16.1	130	15.8	5 980	18.0	24	6.6	1 258	7.5	43 386	7.6
Washington	5	15.2	421	6.3	39 855	6.6	24	7.3	461	6.4	17 109	7.8
Wayne	4	10.3	98	8.4	6 712	6.2	–	–	–	–	–	–
Webster	161	2.3	20 404	2.6	1 555 437	2.6	204	1.9	28 934	2.2	1 031 832	2.3
Wheeler	–	–	–	–	–	–	–	–	–	–	–	–
York	106	3.5	10 356	4.5	921 953	5.1	24	6.6	519	7.6	16 574	7.3

Geographic area	Selected crops harvested—Con.											
	Oats for grain						Soybeans for beans					
	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)
Nebraska	**2 612**	**1.2**	**86 955**	**1.1**	**5 113 274**	**1.1**	**21 072**	**1.0**	**3 346 701**	**.8**	**131 017 170**	**.8**
Adams	17	8.1	340	8.4	17 801	8.9	313	1.8	36 145	2.0	1 607 849	2.1
Antelope	60	4.2	2 197	3.7	142 251	4.1	487	1.4	92 322	1.2	3 930 025	1.2
Arthur	–	–	–	–	–	–	–	–	–	–	–	–
Banner	9	9.6	527	12.6	23 994	11.7	–	–	–	–	–	–
Blaine	3	22.4	97	21.9	6 790	21.9	1	45.8	(D)	(D)	(D)	(D)
Boone	40	6.0	2 011	5.5	124 569	6.1	405	1.6	51 331	1.7	1 990 764	1.7
Box Butte	24	5.6	2 176	3.4	82 820	5.3	–	–	–	–	–	–
Boyd	53	4.6	2 802	5.7	127 548	5.6	108	3.0	14 441	3.2	517 469	3.4
Brown	4	9.3	128	8.4	7 200	4.1	25	5.8	3 358	3.4	168 530	3.4

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.											
	Oats for grain						Soybeans for beans					
	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)
Buffalo	25	7.0	599	12.7	33 284	10.2	377	1.8	41 589	2.0	1 742 412	2.1
Burt	21	7.1	431	8.6	21 420	10.1	429	1.1	113 452	1.2	4 357 515	1.1
Butler	23	7.8	321	10.1	19 507	11.9	534	1.2	90 394	1.3	3 588 520	1.3
Cass	28	6.7	410	9.0	29 115	9.2	473	1.5	107 961	1.5	4 180 900	1.5
Cedar	192	2.5	8 332	3.0	503 933	2.8	584	1.4	107 426	1.3	3 386 777	1.3
Chase	6	10.9	735	2.4	32 395	3.5	2	–	(D)	(D)	(D)	(D)
Cherry	5	9.8	754	.4	34 910	.3	5	8.5	225	3.2	7 985	3.5
Cheyenne	18	8.0	1 093	12.1	49 250	12.6	1	43.9	(D)	(D)	(D)	(D)
Clay	8	11.8	266	8.8	25 472	8.4	327	1.6	55 606	1.5	2 645 303	1.6
Colfax	70	4.2	1 660	4.9	111 051	4.5	394	1.6	62 634	1.6	2 441 228	1.6
Cuming	63	4.0	1 197	4.6	75 949	5.0	709	1.0	114 655	1.0	4 309 924	1.0
Custer	21	8.3	611	9.2	31 317	10.1	238	2.2	28 214	2.2	1 199 770	2.1
Dakota	36	5.1	1 325	4.0	85 493	3.5	168	1.7	44 519	1.2	1 583 161	1.1
Dawes	31	6.1	1 013	7.3	36 180	7.2	1	43.0	(D)	(D)	(D)	(D)
Dawson	10	10.3	195	13.8	9 916	12.0	189	2.3	14 741	2.5	689 949	2.7
Deuel	8	9.1	395	8.7	18 808	7.7	–	–	–	–	–	–
Dixon	89	3.4	3 901	4.1	252 432	4.2	324	1.6	58 427	1.5	1 845 395	1.5
Dodge	20	7.5	261	7.4	15 707	7.9	592	1.0	111 177	1.0	4 510 274	1.1
Douglas	9	9.8	226	15.4	13 079	15.2	168	1.8	34 034	1.7	1 386 122	1.7
Dundy	4	17.3	178	17.7	14 900	17.2	5	9.6	559	5.4	27 054	5.3
Fillmore	13	9.0	292	5.0	20 291	4.6	437	1.4	73 350	1.3	3 443 684	1.3
Franklin	10	10.9	545	9.7	25 050	12.5	156	2.2	16 969	2.8	762 982	3.1
Frontier	12	10.2	578	5.3	40 788	4.5	51	4.4	4 209	4.8	155 114	5.0
Furnas	8	11.5	303	6.5	12 795	5.3	126	2.7	14 453	2.1	705 428	2.3
Gage	80	4.0	1 590	5.6	98 265	5.1	727	1.3	106 861	1.4	3 875 409	1.5
Garden	17	8.0	1 026	6.3	71 313	5.0	1	45.1	(D)	(D)	(D)	(D)
Garfield	1	–	(D)	(D)	(D)	(D)	24	6.2	1 647	5.3	68 689	5.3
Gosper	5	10.8	146	5.4	6 654	5.9	74	3.0	7 831	5.0	327 992	4.7
Grant	–	–	–	–	–	–	–	–	–	–	–	–
Greeley	9	10.5	248	9.7	10 236	8.6	97	3.1	8 407	2.8	308 421	3.0
Hall	6	13.9	239	3.1	11 090	5.3	203	2.3	16 072	2.7	687 957	2.8
Hamilton	19	6.8	428	5.2	28 406	5.2	332	1.7	31 315	2.1	1 591 896	2.3
Harlan	16	6.7	546	5.3	34 689	6.1	104	2.8	11 542	2.3	570 953	2.1
Hayes	4	15.3	230	13.4	13 780	9.9	18	7.3	1 542	6.6	52 711	5.6
Hitchcock	9	12.6	124	18.0	7 405	16.0	28	6.3	1 267	8.5	47 722	8.5
Holt	49	4.9	4 088	3.7	267 446	3.0	294	1.9	62 953	1.3	2 969 063	1.4
Hooker	–	–	–	–	–	–	–	–	–	–	–	–
Howard	24	7.8	486	7.6	20 986	7.7	176	2.6	13 576	2.8	561 011	2.8
Jefferson	60	4.4	1 075	4.5	79 139	4.2	370	1.5	60 716	1.5	2 376 562	1.5
Johnson	38	5.4	538	6.1	30 584	6.2	271	1.6	31 434	2.1	1 056 453	2.1
Kearney	3	22.6	48	27.2	2 321	29.1	223	2.0	22 360	1.7	1 024 886	1.8
Keith	12	7.3	751	1.2	39 411	1.6	15	5.8	2 187	5.5	91 999	5.3
Keya Paha	7	11.6	602	13.4	33 695	15.8	5	13.3	629	8.3	22 755	6.5
Kimball	6	11.2	453	14.9	13 700	18.8	–	–	–	–	–	–
Knox	189	2.4	8 655	2.6	538 201	2.2	453	1.5	50 950	1.7	1 744 678	1.8
Lancaster	64	4.4	1 246	4.0	78 690	4.3	647	1.2	102 419	1.3	3 638 289	1.3
Lincoln	13	7.5	598	12.8	44 963	16.0	66	3.6	8 525	2.9	349 979	2.5
Logan	6	5.5	550	2.1	33 955	2.0	5	6.6	337	4.9	15 075	4.4
Loup	2	22.9	(D)	(D)	(D)	(D)	24	6.5	1 003	9.6	40 901	9.4
McPherson	1	41.2	(D)	(D)	(D)	(D)	3	19.1	320	19.4	(D)	(D)
Madison	42	5.3	862	4.9	49 535	5.1	476	1.3	89 866	1.4	3 035 210	1.4
Merrick	14	6.7	225	4.4	11 518	3.3	251	1.9	26 915	2.3	1 182 787	2.6
Morrill	6	10.0	120	15.0	5 060	17.8	–	–	–	–	–	–
Nance	21	7.6	382	7.4	20 536	8.3	243	1.8	33 007	2.2	1 369 657	2.2
Nemaha	29	6.0	517	4.4	30 648	3.7	366	1.3	78 163	1.3	2 783 352	1.3
Nuckolls	49	4.8	1 167	6.1	82 070	6.4	195	2.0	25 076	2.0	1 097 507	2.1
Otoe	26	7.2	610	8.9	31 342	9.4	545	1.3	98 810	1.4	3 367 369	1.4
Pawnee	26	6.7	498	7.1	29 118	6.6	223	1.7	28 747	1.9	952 701	1.7
Perkins	8	13.6	206	8.6	10 550	4.5	12	6.2	1 289	3.2	45 335	5.7
Phelps	3	21.7	108	18.7	5 480	24.8	181	2.1	15 813	2.1	756 820	2.2
Pierce	77	4.1	2 405	4.6	134 036	4.6	422	1.5	71 681	1.5	2 697 136	1.5
Platte	61	4.3	1 185	4.2	77 622	4.4	685	1.4	112 955	1.4	4 521 711	1.4
Polk	6	13.0	124	15.1	7 090	16.7	388	1.4	54 080	1.7	2 519 898	1.7
Red Willow	7	15.1	380	17.5	22 264	16.9	53	4.0	5 597	5.7	268 829	5.3
Richardson	40	5.9	429	6.0	28 751	6.4	531	1.3	98 848	1.4	3 486 521	1.5
Rock	2	20.7	(D)	(D)	(D)	(D)	37	4.5	10 119	3.5	497 254	3.6
Saline	74	4.2	1 390	5.0	104 545	5.2	473	1.5	64 059	1.6	2 616 180	1.7
Sarpy	4	11.1	152	32.1	7 802	28.2	233	1.5	36 473	1.8	1 513 309	1.9
Saunders	45	5.0	705	6.9	43 662	7.6	855	1.2	152 156	1.2	5 514 706	1.2
Scotts Bluff	6	10.4	320	3.5	11 518	4.0	–	–	–	–	–	–
Seward	50	4.9	873	5.7	56 441	5.9	491	1.3	76 458	1.5	3 361 224	1.5
Sheridan	45	5.3	2 169	6.9	86 460	7.5	–	–	–	–	–	–
Sherman	14	10.0	231	12.5	9 690	11.2	143	2.7	11 420	3.9	449 375	3.9
Sioux	18	7.6	716	6.3	23 606	7.2	–	–	–	–	–	–
Stanton	69	4.0	1 820	5.0	110 188	4.8	335	1.4	47 762	1.6	1 707 893	1.6
Thayer	40	5.9	985	8.0	68 315	7.9	381	1.5	58 733	1.6	2 411 496	1.6
Thomas	–	–	–	–	–	–	–	–	–	–	–	–
Thurston	77	3.6	3 943	4.3	237 617	4.4	259	1.6	58 331	1.7	1 942 395	1.7
Valley	4	11.2	101	6.7	6 261	7.9	143	2.6	19 452	2.8	785 545	2.9
Washington	35	6.0	822	6.6	48 937	7.5	435	1.3	78 599	1.5	3 163 274	1.4

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.											
	Oats for grain						Soybeans for beans					
	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)
Wayne	92	3.4	2 077	4.0	124 538	4.3	383	1.3	80 583	1.2	2 691 495	1.2
Webster	32	5.7	1 135	8.3	79 106	9.7	84	3.2	9 485	3.7	413 969	3.7
Wheeler	3	16.3	260	18.8	13 200	22.3	47	4.0	12 618	2.9	556 666	3.0
York	7	9.6	259	2.5	14 904	1.8	413	1.6	52 730	1.7	2 655 154	1.7

Geographic area	Selected crops harvested—Con.					
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Nebraska	**25 215**	**.9**	**2 932 880**	**.7**	**6 118 280**	**.7**
Adams	227	2.2	9 430	4.0	26 130	7.1
Antelope	394	1.6	30 210	1.9	69 686	1.7
Arthur	64	1.9	38 384	1.0	52 082	1.0
Banner	84	2.7	12 429	2.7	33 854	2.9
Blaine	71	2.6	30 315	2.0	44 170	1.4
Boone	420	1.6	33 597	2.1	81 254	2.0
Box Butte	171	2.2	26 107	2.5	59 331	2.3
Boyd	258	1.6	46 005	2.3	86 797	2.3
Brown	196	1.6	66 128	1.1	91 319	1.2
Buffalo	645	1.3	45 932	1.9	131 897	2.3
Burt	201	2.1	6 854	2.9	23 183	2.8
Butler	361	1.7	15 327	2.3	41 765	2.3
Cass	313	1.9	10 283	3.0	35 256	4.0
Cedar	574	1.4	39 785	1.9	106 059	2.1
Chase	102	2.7	6 914	3.5	22 340	3.6
Cherry	441	.9	341 452	.4	474 422	.5
Cheyenne	167	2.4	15 225	2.5	35 620	2.9
Clay	195	2.2	11 734	1.2	31 954	1.5
Colfax	323	1.7	19 104	2.5	57 991	2.5
Cuming	502	1.2	27 194	1.2	92 184	1.2
Custer	813	1.2	108 927	1.2	270 772	1.4
Dakota	98	2.9	4 108	3.7	9 113	4.2
Dawes	308	1.5	62 706	1.7	107 362	1.9
Dawson	495	1.4	61 041	1.2	215 982	1.3
Deuel	43	4.1	4 357	2.4	8 851	2.7
Dixon	284	1.7	12 322	2.5	32 284	2.6
Dodge	296	1.7	11 424	2.1	37 316	2.1
Douglas	114	2.8	4 639	3.4	11 167	3.4
Dundy	134	2.4	17 280	3.8	71 177	4.6
Fillmore	207	2.4	6 133	3.4	18 510	3.7
Franklin	183	2.0	11 561	2.4	28 115	2.6
Frontier	184	2.1	14 345	3.5	37 323	4.3
Furnas	236	1.8	20 270	2.6	76 132	2.7
Gage	559	1.4	22 621	1.8	53 502	2.2
Garden	153	2.1	53 480	1.2	94 222	1.6
Garfield	132	1.9	41 549	1.9	58 657	2.1
Gosper	114	2.2	5 292	2.7	15 124	2.7
Grant	57	2.2	39 505	1.2	52 231	1.1
Greeley	231	1.7	21 635	2.3	48 026	2.3
Hall	276	2.0	20 404	2.8	49 122	3.5
Hamilton	237	2.1	6 521	4.4	18 959	4.4
Harlan	174	2.0	12 775	2.7	32 527	2.8
Hayes	115	2.5	10 111	2.8	33 301	3.5
Hitchcock	124	2.9	7 387	2.5	24 200	2.7
Holt	808	1.3	242 906	1.3	326 317	1.3
Hooker	34	2.5	14 366	1.4	19 849	1.3
Howard	432	1.5	35 343	1.7	102 472	1.7
Jefferson	340	1.6	18 009	3.2	38 563	2.6
Johnson	271	1.6	11 883	2.3	25 200	2.6
Kearney	177	2.3	7 809	3.1	25 218	3.0
Keith	110	2.4	24 591	1.8	58 477	1.8
Keya Paha	173	1.7	71 550	1.8	104 659	2.0
Kimball	102	2.5	12 520	2.7	31 075	3.0
Knox	680	1.2	75 147	1.6	159 278	1.7
Lancaster	706	1.1	24 650	2.0	57 027	2.3
Lincoln	518	1.3	97 033	1.3	207 739	1.4
Logan	62	2.5	20 064	1.5	33 588	1.9
Loup	99	2.0	24 262	2.2	42 132	2.6
McPherson	66	2.4	24 397	2.3	25 939	1.9
Madison	347	1.7	20 732	2.5	49 562	3.1
Merrick	249	2.0	14 667	2.6	36 109	2.6
Morrill	245	1.5	48 803	1.6	118 588	1.6
Nance	233	1.8	14 363	2.1	41 419	2.3
Nemaha	216	1.9	6 737	2.4	19 430	2.6

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.					
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Nuckolls	299	1.5	16 483	2.2	40 242	2.5
Otoe	395	1.6	14 853	3.3	40 396	3.7
Pawnee	273	1.5	16 531	2.3	31 173	2.6
Perkins	98	2.9	7 889	3.4	24 101	3.3
Phelps	175	2.2	7 740	2.9	26 710	3.3
Pierce	372	1.6	24 567	2.0	60 225	2.2
Platte	370	1.8	18 350	2.2	56 223	1.8
Polk	253	1.9	9 525	3.2	26 828	4.4
Red Willow	175	2.2	13 214	3.5	49 900	3.7
Richardson	292	1.9	9 998	2.4	25 214	2.7
Rock	191	1.6	102 012	1.4	134 163	1.5
Saline	393	1.7	12 592	2.4	30 662	2.9
Sarpy	133	2.6	4 171	4.0	12 928	5.2
Saunders	493	1.5	16 724	2.3	41 725	2.3
Scotts Bluff	449	1.3	32 356	2.3	119 676	2.5
Seward	378	1.5	12 230	2.3	29 311	2.6
Sheridan	417	1.3	114 350	1.0	176 409	1.1
Sherman	337	1.6	38 621	2.1	101 583	2.1
Sioux	206	1.5	41 390	1.5	82 813	1.8
Stanton	338	1.4	20 436	2.1	60 297	2.2
Thayer	266	2.0	11 295	2.4	28 378	2.8
Thomas	45	3.3	10 289	2.9	16 819	3.2
Thurston	158	2.3	13 767	2.5	35 346	1.9
Valley	306	1.5	34 566	1.9	94 535	2.1
Washington	319	1.7	15 480	2.0	51 321	1.9
Wayne	339	1.4	21 585	1.8	66 934	1.8
Webster	263	1.6	21 279	2.6	48 601	2.7
Wheeler	111	2.3	42 325	2.3	64 671	2.0
York	227	2.2	5 628	2.8	17 186	3.1

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

Table G. **Coverage Estimates: 1997**

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

Item	Census total	Coverage total[1]	Adjusted census		Coverage adjustment (percent)
			Total	Relative standard error (percent)	
Farms ..... number	51 454	3 075	54 529	1.4	5.6
Land in farms ..... acres	45 525 414	–240 319	45 285 095	1.2	–.5
Average size of farm ..... acres	885	–78	830	(X)	(X)
Farms by size of farm:					
Less than 10 acres	2 591	172	2 763	6.2	6.2
10 to 49 acres	4 733	1 251	5 984	5.5	20.9
50 to 179 acres	9 764	1 443	11 207	3.3	12.9
180 acres or more	34 366	209	34 575	1.3	.6
Farms by value of sales:					
Less than $2,500	5 658	1 636	7 294	4.7	22.4
$2,500 to $9,999	5 891	1 147	7 038	4.7	16.3
$10,000 or more	39 905	292	40 197	1.3	.7
Market value of agricultural products sold $1,000	9 831 519	22 103	9 853 622	.7	.2
Farms by type of organization:					
Individual or family	42 313	3 189	45 502	1.5	7.0
Partnership, corporation, or other	9 141	–114	9 027	2.1	–1.3
Farms by tenure of operator:					
Full owners	22 606	2 435	25 041	2.2	9.7
Part owners	19 804	199	20 003	1.4	1.0
Tenants	9 044	441	9 485	2.4	4.6
Operators by place of residence:					
On farm operated	33 948	1 457	35 405	1.5	4.1
Not on farm operated	12 587	370	12 957	2.6	2.9
Not reported	4 919	1 248	6 167	4.5	20.2
Operators by principal occupation:					
Farming	35 742	782	36 524	1.3	2.1
Other	15 712	2 293	18 005	2.7	12.7
Operators by sex:					
Male	48 802	2 589	51 391	1.4	5.0
Female	2 652	486	3 138	6.7	15.5
Operators by race:					
White	51 265	3 041	54 306	1.4	5.6
Black and other races	189	34	223	41.3	15.2
Operators by years on present farm:					
4 years or less	4 833	991	5 824	4.6	17.0
5 years or more	37 351	2 104	39 455	1.3	5.3
Not reported	9 270	–20	9 250	4.3	–.2

[1] See text in Appendix C regarding coverage estimates.