Appendix C.
Statistical Methodology

MAIL LIST MODEL

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

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

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

CENSUS SAMPLE DESIGN

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

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

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

CENSUS ESTIMATION

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

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

Whole Farm Nonresponse Estimation

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

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

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

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

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

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

Item	Percent of total
Farms _____number__ _	15.0
Land in farms_____acres__ _	6.6
Estimated market value of land and buildings[1]_____$1,000_ _	3.4
Market value of agricultural products sold _$1,000__ _	4.5
Harvested cropland _____acres__ _	8.6
Corn for grain or seed _____acres__ _	8.3
Wheat for grain _____acres__ _	8.7
Livestock and poultry inventory:	
Cattle and calves _____number__ _	4.7
Hogs and pigs _____number__ _	6.8
Hens and pullets of laying age_____number__ _	.2

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

Sample Estimation

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

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

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

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

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

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

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

CENSUS SAMPLING ERROR

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

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

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

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

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

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

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

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

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

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

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

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

Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM	
Number of farms reporting:	
25	6.0
50	4.1
75	3.3
100	2.8
150	2.1
200	1.7
300	1.1
500	.8
750	.7
1,000	.6
1,500	.5
2,000	(X)
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	29.7
50	21.8
75	18.4
100	16.5
150	14.3
200	13.1
300	11.7
500	10.5
750	9.8
1,000	9.5
1,500	9.1
2,000	(X)

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

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

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

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

CENSUS NONSAMPLING ERROR

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

Census Coverage

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

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

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

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

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

Mail List Coverage

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

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

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

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

Respondent and Enumerator Error

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

Item Nonresponse

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

Processing Error

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

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

Classification Error

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

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

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

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

- Ensuring reasonable relationships between/among data items, values for various sizes of farms, and combinations of commodities.

- Ensuring necessary consistencies are present. There are more than 70 distinct consistency requirements.

- Ensuring geographic, legal, and physical constraints are met.

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

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

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

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

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

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

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

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms ___number__	52 923	1.4
Land in farms ___acres__	44 393 129	.7
Average size of farm ___acres__	839	1.6
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ___farms__	52 923	1.4
___$1,000__	8 209 691	.5
Average per farm ___dollars__	155 125	1.5
Farms by value of sales:		
Less than $1,000 (see text) ___farms__	1 979	1.5
___$1,000__	512	1.8
$1,000 to $2,499 ___farms__	1 987	1.5
___$1,000__	3 339	1.5
$2,500 to $4,999 ___farms__	2 664	1.6
___$1,000__	9 721	1.6
$5,000 to $9,999 ___farms__	4 021	1.7
___$1,000__	29 582	1.7
$10,000 to $19,999 ___farms__	6 076	1.9
___$1,000__	88 474	1.9
$20,000 to $24,999 ___farms__	2 369	2.1
___$1,000__	52 876	2.1
$25,000 to $39,999 ___farms__	5 466	2.1
___$1,000__	174 997	2.1
$40,000 to $49,999 ___farms__	2 896	2.0
___$1,000__	129 464	2.0
$50,000 to $99,999 ___farms__	9 274	1.9
___$1,000__	672 593	1.9
$100,000 to $249,999 ___farms__	10 850	1.2
___$1,000__	1 695 837	1.0
$250,000 to $499,999 ___farms__	3 573	–
___$1,000__	1 198 962	–
$500,000 or more ___farms__	1 768	–
___$1,000__	4 153 335	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ___farms__	39 104	1.5
___$1,000__	2 651 484	.9
Grains ___farms__	36 185	1.5
___$1,000__	2 463 877	.9
Corn for grain ___farms__	26 755	1.5
___$1,000__	1 611 809	.9
Wheat ___farms__	12 566	1.4
___$1,000__	159 395	.9
Soybeans ___farms__	20 646	1.5
___$1,000__	426 981	1.0
Sorghum for grain ___farms__	9 673	1.6
___$1,000__	183 187	1.3
Barley ___farms__	97	2.8
___$1,000__	440	4.0
Oats ___farms__	2 747	1.7
___$1,000__	7 306	1.5
Other grains ___farms__	2 798	1.3
___$1,000__	74 761	.7
Cotton and cottonseed ___farms__	–	–
___$1,000__	–	–
Tobacco ___farms__	–	–
___$1,000__	–	–
Hay, silage, and field seeds ___farms__	12 205	1.5
___$1,000__	99 500	1.1
Vegetables, sweet corn, and melons ___farms__	235	2.6
___$1,000__	2 025	4.9
Fruits, nuts, and berries ___farms__	77	3.9
___$1,000__	397	7.6
Nursery and greenhouse crops ___farms__	234	2.1
___$1,000__	15 172	1.4
Other crops ___farms__	708	1.5
___$1,000__	70 512	.7
Livestock, poultry, and their products ___farms__	36 578	1.3
___$1,000__	5 558 208	.3
Poultry and poultry products ___farms__	1 059	1.6
___$1,000__	90 370	.1
Dairy products ___farms__	1 609	1.5
___$1,000__	130 384	.9
Cattle and calves ___farms__	30 696	1.4
___$1,000__	4 565 778	.2
Hogs and pigs ___farms__	11 559	1.4
___$1,000__	746 165	.7
Sheep, lambs, and wool ___farms__	2 291	1.5
___$1,000__	11 628	1.4
Other livestock and livestock products (see text) ___farms__	1 907	1.3
___$1,000__	13 882	2.1
Value of agricultural products sold directly to individuals for human consumption (see text) ___farms__	1 000	1.7
___$1,000__	2 169	2.1

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ___farms__	52 920	1.4
___$1,000__	6 711 544	.5
Average per farm ___dollars__	126 824	1.5
Livestock and poultry purchased ___farms__	22 055	1.7
___$1,000__	2 502 060	.3
Feed for livestock and poultry ___farms__	31 853	1.6
___$1,000__	1 086 234	.5
Commercially mixed formula feeds ___farms__	14 118	2.0
___$1,000__	260 211	1.0
Seeds, bulbs, plants, and trees ___farms__	39 138	1.6
___$1,000__	211 555	1.1
Commercial fertilizer ___farms__	37 794	1.6
___$1,000__	344 363	1.1
Agricultural chemicals ___farms__	35 592	1.6
___$1,000__	202 392	1.2
Petroleum products ___farms__	50 701	1.5
___$1,000__	288 400	1.1
Electricity ___farms__	43 372	1.5
___$1,000__	95 895	1.1
Hired farm labor ___farms__	19 889	1.6
___$1,000__	254 132	.6
Contract labor ___farms__	5 622	2.9
___$1,000__	18 344	3.5
Repair and maintenance ___farms__	47 373	1.5
___$1,000__	329 031	1.1
Customwork, machine hire, and rental of machinery and equipment ___farms__	26 103	1.8
___$1,000__	103 389	2.1
Interest expense ___farms__	33 420	1.6
___$1,000__	380 597	1.1
Secured by real estate ___farms__	21 600	1.7
___$1,000__	212 943	1.5
Not secured by real estate ___farms__	22 436	1.8
___$1,000__	167 654	1.1
Cash rent ___farms__	19 285	1.8
___$1,000__	261 509	1.5
Property taxes ___farms__	47 454	1.4
___$1,000__	182 849	1.2
All other farm production expenses ___farms__	50 950	1.5
___$1,000__	450 793	.9
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT) [1]		
All farms ___number__	52 920	1.4
___$1,000__	1 462 607	1.0
Average per farm ___dollars__	27 638	1.8
Farms with net gains [2] ___number__	36 454	1.6
___$1,000__	1 678 317	.9
Average net gain ___dollars__	46 039	1.8
Farms with net losses ___number__	16 466	2.0
___$1,000__	215 710	1.8
Average net loss ___dollars__	13 100	2.7
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ___farms__	32 605	1.5
___$1,000__	313 355	1.0
Other farm-related income [1] ___farms__	18 397	1.9
___$1,000__	124 059	2.9
Customwork and other agricultural services ___farms__	6 031	3.0
___$1,000__	54 146	4.7
Gross cash rent or share payments ___farms__	6 874	3.0
___$1,000__	60 055	3.8
Forest products and Christmas trees ___farms__	199	15.9
___$1,000__	686	24.8
Other farm-related income sources ___farms__	9 780	2.4
___$1,000__	9 172	6.1
COMMODITY CREDIT CORPORATION LOANS		
Total ___farms__	7 692	1.4
___$1,000__	254 861	.8

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 1
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

[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	46 348	1.4
acres	22 402 132	1.0
Harvested cropland ___ farms	43 879	1.4
acres	16 146 818	.9
Farms by acres harvested:		
1 to 9 acres ___ farms	1 484	1.5
acres	7 277	1.6
10 to 19 acres ___ farms	1 367	1.5
acres	18 363	1.6
20 to 29 acres ___ farms	1 049	1.9
acres	24 469	1.9
30 to 49 acres ___ farms	2 057	1.7
acres	78 613	1.8
50 to 99 acres ___ farms	4 733	1.9
acres	343 478	1.9
100 to 199 acres ___ farms	8 045	2.0
acres	1 155 668	2.0
200 to 499 acres ___ farms	14 075	1.7
acres	4 581 246	1.7
500 to 999 acres ___ farms	8 230	.9
acres	5 601 640	.8
1,000 acres or more ___ farms	2 839	–
acres	4 336 064	–
Cropland:		
Pasture or grazing only ___ farms	16 696	1.5
acres	2 586 353	1.4
Other cropland ___ farms	27 957	1.4
acres	3 668 961	1.0
Total woodland ___ farms	6 914	1.4
acres	442 278	1.0
Pastureland and rangeland other than cropland and woodland pastured ___ farms	21 554	1.3
acres	20 557 073	.4
Land in house lots, ponds, roads, wasteland, etc. ___ farms	32 247	1.4
acres	991 646	1.0
Irrigated land ___ farms	19 328	1.3
acres	6 311 633	.8
Acres irrigated:		
1 to 9 acres ___ farms	414	2.0
acres	1 592	2.4
10 to 49 acres ___ farms	1 524	1.9
acres	45 738	1.9
50 to 99 acres ___ farms	2 437	1.9
acres	175 825	1.9
100 to 199 acres ___ farms	4 526	1.9
acres	633 382	1.9
200 to 499 acres ___ farms	6 528	1.4
acres	2 077 920	1.4
500 to 999 acres ___ farms	3 010	.5
acres	2 027 669	.4
1,000 acres or more ___ farms	889	(L)
acres	1 349 507	(L)
Harvested cropland irrigated ___ farms	19 143	1.3
acres	6 221 357	.8
Pasture and other land irrigated ___ farms	948	1.5
acres	90 276	1.5
Land under federal acreage reduction programs:		
Diverted under annual commodity programs ___ farms	23 561	1.4
acres	495 032	.9
Conservation Reserve or Wetlands Reserve Programs ___ farms	8 083	1.5
acres	989 126	1.2
VALUE OF LAND AND BUILDINGS [1]		
Estimated market value of land and buildings ___ farms	52 920	1.4
$1,000	22 712 646	1.1
Average per farm ___ dollars	429 188	1.8
Average per acre ___ dollars	514	1.3
VALUE OF MACHINERY AND EQUIPMENT [1]		
Estimated market value of all machinery and equipment ___ farms	52 825	1.4
$1,000	3 651 286	1.1
Average per farm ___ dollars	69 120	1.8
AGRICULTURAL CHEMICALS [1]		
Commercial fertilizer ___ farms	37 773	1.6
acres on which used	11 811 687	1.1

Item	Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR		
All operators ___ farms	52 923	1.4
acres	44 393 129	.7
Full owners ___ farms	21 477	1.5
acres	9 744 398	.9
Part owners ___ farms	21 030	1.2
acres	28 018 383	.5
Tenants ___ farms	10 416	1.9
acres	6 630 348	1.1
OWNED AND RENTED LAND		
Land owned ___ farms	43 127	1.3
acres	27 098 781	.7
Owned land in farms ___ farms	42 507	1.3
acres	23 888 305	.7
Land rented or leased from others ___ farms	31 676	1.4
acres	20 855 443	.7
landlords	73 951	1.2
Rented or leased land in farms ___ farms	31 446	1.4
acres	20 504 824	.7
Land rented or leased to others ___ farms	9 154	1.5
acres	3 561 095	1.3
OPERATOR CHARACTERISTICS		
Operators by place of residence:		
On farm operated	36 444	1.3
Not on farm operated	12 539	1.8
Not reported	3 940	1.3
Operators by principal occupation:		
Farming	39 123	1.4
Other	13 800	1.6
Operators by days worked off farm:		
Any	20 920	1.6
200 days or more	11 927	1.7
Operators by sex:		
Male ___ farms	50 681	1.4
acres	42 503 649	.7
Female ___ farms	2 242	1.6
acres	1 889 480	.7
Average age of operator ___ years	50.7	2.0
FARMS BY TYPE OF ORGANIZATION		
Individual or family (sole proprietorship) ___ farms	44 577	1.4
acres	30 366 655	.9
Partnership ___ farms	4 604	1.7
acres	5 498 597	.6
Corporation:		
Family held ___ farms	3 192	1.1
acres	7 436 262	.2
More than 10 stockholders ___ farms	61	2.5
10 or less stockholders ___ farms	3 131	1.1
Other than family held ___ farms	238	1.7
acres	353 881	.5
More than 10 stockholders ___ farms	32	3.0
10 or less stockholders ___ farms	206	1.9
Other—cooperative, estate or trust, institutional, etc. ___ farms	312	2.2
acres	737 734	.4
HIRED FARM LABOR		
Hired workers by days worked:		
150 days or more ___ farms	8 375	1.8
workers	16 722	1.1
Less than 150 days ___ farms	17 424	1.8
workers	46 679	2.1
INJURIES AND DEATHS		
Farm-related injuries:		
Operator and family members ___ farms	663	1.5
number	744	1.5
Hired workers ___ farms	302	.9
number	626	.5
Farm-related deaths:		
Operator and family members ___ farms	8	7.0
number	9	6.2
Hired workers ___ farms	4	12.5
number	4	12.5

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS BY SIZE			**LIVESTOCK**		
			Cattle and calves inventory ____ farms __	30 421	1.4
			number__	5 952 880	.5
			Beef cows ____ farms __	24 270	1.4
			number__	1 857 347	.8
1 to 9 acres ____ farms __	3 698	1.5	Milk cows ____ farms __	2 122	1.4
acres__	10 543	1.5	number__	83 295	1.0
10 to 49 acres ____ farms __	4 302	1.4	Cattle and calves sold ____ farms __	30 696	1.4
acres__	111 047	1.4	number__	6 238 779	.3
50 to 69 acres ____ farms __	1 074	1.9	$1,000__	4 565 778	.2
acres__	63 049	1.9	Hogs and pigs inventory ____ farms __	10 826	1.4
70 to 99 acres ____ farms __	2 510	1.8	number__	4 187 389	.7
acres__	202 661	1.8	Hogs and pigs sold ____ farms __	11 559	1.4
100 to 139 acres ____ farms __	1 913	2.0	number__	8 405 466	.7
acres__	223 716	2.0	$1,000__	746 165	.7
			Sheep and lambs of all ages inventory ____ farms __	2 185	1.5
			number__	151 777	1.5
			Sheep and lambs sold ____ farms __	2 261	1.5
140 to 179 acres ____ farms __	3 911	2.0	number__	175 516	1.5
acres__	618 754	2.0	Horses and ponies inventory ____ farms __	7 275	1.2
180 to 219 acres ____ farms __	1 659	2.1	number__	35 757	1.2
acres__	327 247	2.1	Horses and ponies sold ____ farms __	1 386	1.3
220 to 259 acres ____ farms __	2 148	2.1	number__	5 330	2.4
acres__	511 609	2.1			
260 to 499 acres ____ farms __	10 196	1.9	**POULTRY**		
acres__	3 792 784	1.9			
500 to 999 acres ____ farms __	10 966	1.5	Chickens 3 months old or older inventory ____ farms __	1 993	1.5
acres__	7 743 923	1.5	number__	(D)	(D)
			Hens and pullets of laying age ____ farms __	1 967	1.5
			number__	6 527 412	(L)
1,000 to 1,999 acres ____ farms __	6 283	1.0	Broilers and other meat-type chickens sold ____ farms __	289	2.2
acres__	8 563 860	1.0	number__	1 887 881	1.0
2,000 acres or more ____ farms __	4 263	–			
acres__	22 223 936	–	**CROPS HARVESTED**		
			Corn for grain or seed ____ farms __	29 679	1.4
			acres__	7 235 528	.9
			bushels__	930 758 282	.9
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			Corn for silage or green chop ____ farms __	3 950	1.1
			acres__	195 029	.6
			tons, green __	2 960 555	.6
			Sorghum for grain or seed ____ farms __	10 513	1.6
			acres__	1 412 747	1.3
			bushels__	122 513 083	1.3
			Wheat for grain ____ farms __	12 671	1.4
			acres__	1 800 432	.9
			bushels__	53 512 448	.9
Cash grains (011) ____ farms __	24 517	1.6	Oats for grain ____ farms __	5 234	1.6
acres__	16 620 013	1.0	acres__	176 148	1.4
Field crops, except cash grains (013) ____ farms __	1 931	1.7	bushels__	11 341 781	1.4
acres__	986 848	1.2	Soybeans for beans ____ farms __	20 687	1.5
Vegetables and melons (016) ____ farms __	57	4.8	acres__	2 274 494	1.1
acres__	3 763	11.7	bushels__	88 842 343	1.0
Fruits and tree nuts (017) ____ farms __	52	4.8	Dry edible beans, excluding dry limas ____ farms __	1 301	1.3
acres__	2 115	8.7	acres__	163 026	.9
Horticultural specialties (018) ____ farms __	190	2.1	cwt__	2 759 401	.8
acres__	10 996	6.3	Irish potatoes ____ farms __	92	3.1
General farms, primarily crop (019) ____ farms __	940	1.7	acres__	13 010	.9
acres__	567 536	1.3	cwt__	3 688 010	.8
Livestock, except dairy, poultry, and animal specialties (021) ____ farms __	22 723	1.3	Sugar beets for sugar ____ farms __	615	1.6
acres__	25 026 215	.4	acres__	85 826	1.0
Dairy farms (024) ____ farms __	901	1.6	tons__	1 515 803	.9
acres__	445 219	1.2	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ____ farms __	27 433	1.4
Poultry and eggs (025) ____ farms __	119	2.8	acres__	2 895 217	.8
acres__	28 230	1.0	tons, dry __	6 068 201	.9
Animal specialties (027) ____ farms __	816	1.7	Alfalfa hay ____ farms __	22 137	1.4
acres__	127 057	1.6	acres__	1 270 921	1.0
General farms, primarily livestock and animal specialties (029) ____ farms __	677	2.0	tons, dry __	4 025 983	1.0
acres__	575 137	1.1	Vegetables harvested for sale (see text) ____ farms __	236	2.5
			acres__	2 250	4.8

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

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

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

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms ___number__	42 272	1.5
Land in farms ___acres__	42 581 468	.7
Average size of farm ___acres__	1 007	1.6
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ___farms__	42 272	1.5
$1,000__	8 166 538	.5
Average per farm ___dollars__	193 190	1.6
Farms by value of sales:		
$10,000 to $19,999 ___farms__	6 076	1.9
$1,000__	88 474	1.9
$20,000 to $24,999 ___farms__	2 369	2.1
$1,000__	52 876	2.1
$25,000 to $39,999 ___farms__	5 466	2.1
$1,000__	174 997	2.1
$40,000 to $49,999 ___farms__	2 896	2.0
$1,000__	129 464	2.0
$50,000 to $99,999 ___farms__	9 274	1.9
$1,000__	672 593	1.9
$100,000 to $249,999 ___farms__	10 850	1.2
$1,000__	1 695 837	1.0
$250,000 to $499,999 ___farms__	3 573	–
$1,000__	1 198 962	–
$500,000 or more ___farms__	1 768	–
$1,000__	4 153 335	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ___farms__	34 550	1.5
$1,000__	2 633 635	.9
Grains ___farms__	33 044	1.5
$1,000__	2 450 364	.9
Corn for grain ___farms__	25 473	1.5
$1,000__	1 607 274	.9
Wheat ___farms__	11 504	1.4
$1,000__	156 517	.9
Soybeans ___farms__	19 684	1.5
$1,000__	424 346	1.0
Sorghum for grain ___farms__	8 753	1.6
$1,000__	180 180	1.3
Barley ___farms__	90	2.8
$1,000__	421	4.1
Oats ___farms__	2 562	1.7
$1,000__	7 114	1.5
Other grains ___farms__	2 698	1.3
$1,000__	74 511	.7
Cotton and cottonseed ___farms__	–	–
$1,000__	–	–
Tobacco ___farms__	–	–
$1,000__	–	–
Hay, silage, and field seeds ___farms__	10 427	1.5
$1,000__	95 602	1.1
Vegetables, sweet corn, and melons ___farms__	164	3.0
$1,000__	1 949	5.1
Fruits, nuts, and berries ___farms__	35	5.5
$1,000__	320	9.1
Nursery and greenhouse crops ___farms__	160	2.5
$1,000__	14 911	1.4
Other crops ___farms__	689	1.5
$1,000__	70 489	.7
Livestock, poultry, and their products ___farms__	30 258	1.4
$1,000__	5 532 903	.3
Poultry and poultry products ___farms__	721	1.8
$1,000__	90 167	.1
Dairy products ___farms__	1 584	1.5
$1,000__	130 275	.9
Cattle and calves ___farms__	26 170	1.4
$1,000__	4 547 375	.2
Hogs and pigs ___farms__	10 421	1.5
$1,000__	742 251	.7
Sheep, lambs, and wool ___farms__	1 502	1.7
$1,000__	10 364	1.5
Other livestock and livestock products (see text) ___farms__	1 154	1.4
$1,000__	12 471	2.3
Value of agricultural products sold directly to individuals for human consumption (see text) ___farms__	670	1.9
$1,000__	1 838	2.3

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ___farms__	42 327	1.5
$1,000__	6 636 150	.5
Average per farm ___dollars__	156 783	1.6
Livestock and poultry purchased ___farms__	19 591	1.7
$1,000__	2 491 021	.3
Feed for livestock and poultry ___farms__	27 101	1.6
$1,000__	1 077 940	.5
Commercially mixed formula feeds ___farms__	12 432	2.0
$1,000__	258 625	1.0
Seeds, bulbs, plants, and trees ___farms__	35 053	1.6
$1,000__	209 764	1.1
Commercial fertilizer ___farms__	34 064	1.6
$1,000__	340 912	1.1
Agricultural chemicals ___farms__	31 764	1.6
$1,000__	200 280	1.2
Petroleum products ___farms__	41 466	1.5
$1,000__	281 666	1.1
Electricity ___farms__	37 165	1.5
$1,000__	93 694	1.1
Hired farm labor ___farms__	18 174	1.6
$1,000__	253 081	.6
Contract labor ___farms__	5 055	2.9
$1,000__	17 854	3.5
Repair and maintenance ___farms__	39 692	1.5
$1,000__	320 206	1.1
Customwork, machine hire, and rental of machinery and equipment ___farms__	22 986	1.8
$1,000__	100 945	2.1
Interest expense ___farms__	29 691	1.6
$1,000__	373 021	1.1
Secured by real estate ___farms__	19 311	1.7
$1,000__	207 543	1.5
Not secured by real estate ___farms__	20 458	1.8
$1,000__	165 478	1.1
Cash rent ___farms__	17 905	1.8
$1,000__	259 561	1.5
Property taxes ___farms__	38 437	1.5
$1,000__	172 620	1.2
All other farm production expenses ___farms__	42 327	1.5
$1,000__	443 587	.9
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT) [1]		
All farms ___number__	42 327	1.5
$1,000__	1 494 852	1.0
Average per farm ___dollars__	35 317	1.8
Farms with net gains [2] ___number__	32 834	1.6
$1,000__	1 670 639	.9
Average net gain ___dollars__	50 881	1.8
Farms with net losses ___number__	9 493	2.6
$1,000__	175 788	2.0
Average net loss ___dollars__	18 518	3.3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ___farms__	29 099	1.4
$1,000__	298 654	.9
Other farm-related income [1] ___farms__	15 676	2.0
$1,000__	112 019	3.0
Customwork and other agricultural services ___farms__	5 565	3.1
$1,000__	52 971	4.7
Gross cash rent or share payments ___farms__	5 184	3.3
$1,000__	49 851	4.0
Forest products and Christmas trees ___farms__	104	18.3
$1,000__	357	15.2
Other farm-related income sources ___farms__	8 926	2.5
$1,000__	8 840	6.2
COMMODITY CREDIT CORPORATION LOANS		
Total ___farms__	7 505	1.4
$1,000__	254 460	.8

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 4
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			**FARMS BY TYPE OF ORGANIZATION**		
Total cropland ____ farms __	38 916	1.5	Individual or family (sole proprietorship) ____ farms __	34 908	1.5
acres__	21 597 596	1.0	acres__	28 973 244	.8
Harvested cropland ____ farms __	37 931	1.5	Partnership____ farms __	3 927	1.7
acres__	15 880 267	.9	acres__	5 349 584	.6
Cropland:			Corporation:		
Pasture or grazing only ____ farms __	13 972	1.6	Family held ____ farms __	3 002	1.0
acres__	2 355 689	1.4	acres__	7 351 483	.2
			More than 10 stockholders ____farms __	55	2.3
Total woodland ____ farms __	5 540	1.5	10 or less stockholders ____ farms __	2 947	1.0
acres__	388 322	1.0			
Pastureland and rangeland other than cropland and woodland pastured ____ farms __	17 578	1.3	Other than family held ____ farms __	208	1.6
acres__	19 687 014	.3	acres__	350 504	.5
Land in house lots, ponds, roads, wasteland, etc. ____farms __	26 110	1.5	More than 10 stockholders ____farms __	25	2.4
acres__	908 536	1.0	10 or less stockholders ____ farms __	183	1.8
Irrigated land ____ farms __	18 491	1.4	Other—cooperative, estate or trust, institutional, etc. ____farms __	227	2.4
acres__	6 279 149	.8	acres__	556 653	.5
Harvested cropland irrigated ____ farms __	18 404	1.4			
acres__	6 199 753	.8	**HIRED FARM LABOR**		
Pasture and other land irrigated ____ farms __	800	1.5	Hired workers by days worked:		
acres__	79 396	1.4	150 days or more ____ farms __	7 734	1.8
Land under federal acreage reduction programs:			workers__	16 079	1.1
Diverted under annual commodity programs ____ farms __	22 667	1.4	Less than 150 days ____ farms __	15 733	1.8
acres__	491 671	.9	workers__	43 635	2.2
Conservation Reserve or Wetlands Reserve Programs ____ farms __	6 602	1.4	**INJURIES AND DEATHS**		
acres__	810 682	1.1	Farm-related injuries:		
			Operator and family members ____ farms __	595	1.6
VALUE OF LAND AND BUILDINGS [1]			number__	670	1.5
Estimated market value of land and buildings ____farms __	42 327	1.5	Hired workers ____ farms __	299	.8
$1,000__	21 640 277	1.0	number__	623	.5
Average per farm ____dollars __	511 264	1.8	Farm-related deaths:		
Average per acre ____dollars __	509	1.3	Operator and family members ____ farms __	6	6.2
			number__	(D)	(D)
VALUE OF MACHINERY AND EQUIPMENT [1]			Hired workers ____ farms __	4	12.5
Estimated market value of all machinery and equipment ____ farms __	42 327	1.5	number__	(D)	(D)
$1,000__	3 505 731	1.1	**FARMS BY SIZE**		
Average per farm ____dollars __	82 825	1.9	1 to 9 acres ____	1 739	2.0
			10 to 49 acres ____	1 140	1.9
AGRICULTURAL CHEMICALS[1]			50 to 69 acres ____	453	2.4
Commercial fertilizer ____ farms __	34 052	1.6	70 to 99 acres ____	1 312	2.1
acres on which used __	11 659 253	1.1	100 to 139 acres ____	1 285	2.2
			140 to 179 acres ____	2 936	2.1
TENURE OF OPERATOR			180 to 219 acres ____	1 347	2.2
All operators ____ farms __	42 272	1.5	220 to 259 acres ____	1 894	2.2
acres__	42 581 468	.7	260 to 499 acres ____	9 331	2.0
Full owners ____ farms __	13 772	1.7	500 to 999 acres ____	10 536	1.5
acres__	8 710 187	.9	1,000 to 1,999 acres ____	6 112	1.0
Part owners ____ farms __	19 889	1.2	2,000 acres or more ____	4 187	–
acres__	27 633 630	.5			
Tenants____ farms __	8 611	2.0	**FARMS BY STANDARD INDUSTRIAL CLASSIFICATION**		
acres__	6 237 651	1.1			
			Cash grains (011) ____	21 941	1.6
OWNED AND RENTED LAND			Field crops, except cash grains (013) ____	871	2.1
Land owned ____ farms __	34 158	1.4	Vegetables and melons (016) ____	30	6.6
acres__	25 151 404	.7	Fruits and tree nuts (017) ____	10	11.1
Owned land in farms ____ farms __	33 661	1.4	Horticultural specialties (018) ____	124	2.6
acres__	22 652 211	.6	General farms, primarily crop (019) ____	615	2.0
Land rented or leased from others ____farms __	28 670	1.4	Livestock, except dairy, poultry, and animal specialties (021) ____	17 311	1.3
acres__	20 250 467	.7	Dairy farms (024) ____	880	1.6
landlords__	69 577	1.2	Poultry and eggs (025) ____	51	2.7
Rented or leased land in farms ____farms __	28 500	1.4	Animal specialties (027) ____	152	3.0
acres__	19 929 257	.7	General farms, primarily livestock and animal specialties (029) ____	287	2.1
Land rented or leased to others ____farms __	6 628	1.5			
acres__	2 820 403	1.3	**LIVESTOCK**		
			Cattle and calves inventory ____ farms __	25 620	1.4
OPERATOR CHARACTERISTICS			number__	5 833 199	.5
Operators by place of residence:			Beef cows ____ farms __	20 510	1.5
On farm operated ____	30 072	1.4	number__	1 803 035	.7
Not on farm operated ____	9 332	1.9	Milk cows ____ farms __	1 949	1.5
Not reported ____	2 868	1.3	number__	82 945	1.0
Operators by principal occupation:			Cattle and calves sold ____ farms __	26 170	1.4
Farming____	34 926	1.4	number__	6 195 459	.3
Other ____	7 346	2.0	$1,000__	4 547 375	.2
Operators by days worked off farm:			Hogs and pigs inventory ____ farms __	9 850	1.5
Any ____	14 260	1.9	number__	4 147 129	.7
200 days or more ____	6 868	2.0	Hogs and pigs sold ____ farms __	10 421	1.5
Operators by sex:			number__	8 347 957	.7
Male ____	40 886	1.5	$1,000__	742 251	.7
Female ____	1 386	1.8	Sheep and lambs of all ages inventory ____farms __	1 426	1.7
			number__	125 466	1.6
			Sheep and lambs sold ____ farms __	1 486	1.7
			number__	151 413	1.6
			Horses and ponies inventory ____ farms __	5 239	1.2
			number__	24 995	1.0
			Horses and ponies sold ____ farms __	886	1.3
Average age of operator ____years __	50.3	2.1	number__	4 047	3.0

See footnotes at end of table.

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TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
POULTRY			**CROPS HARVESTED**—Con.		
			Oats for grain _____ farms __	4 931	1.6
Chickens 3 months old or older inventory _____ farms __	1 328	1.7	acres__	170 781	1.4
number__	(D)	(D)	bushels__	11 090 308	1.4
Hens and pullets of laying age _____ farms __	1 311	1.8	Soybeans for beans _____ farms __	19 715	1.5
number__	6 507 193	(L)	acres__	2 255 432	1.1
			bushels__	88 233 149	1.0
Broilers and other meat-type chickens sold _____ farms __	185	2.4	Dry edible beans, excluding dry limas _____ farms __	1 278	1.3
number__	1 861 951	1.0	acres__	162 387	.9
			cwt__	2 755 526	.8
CROPS HARVESTED			Irish potatoes _____ farms __	80	3.1
			acres__	13 000	.9
Corn for grain or seed _____ farms __	28 233	1.5	cwt__	3 686 914	.8
acres__	7 197 626	.9	Sugar beets for sugar _____ farms __	607	1.6
bushels__	927 659 316	.9	acres__	85 799	1.0
Corn for silage or green chop _____ farms __	3 877	1.1	tons__	1 515 447	.9
acres__	193 705	.6	Hay—alfalfa, other tame, small grain, wild, grass		
tons, green__	2 947 884	.6	silage, green chop, etc. (see text) _____ farms __	23 854	1.4
Sorghum for grain or seed _____ farms __	9 542	1.6	acres__	2 776 811	.8
acres__	1 380 104	1.3	tons, dry__	5 884 937	.9
bushels__	120 404 925	1.3	Alfalfa hay _____ farms __	19 605	1.4
Wheat for grain _____ farms __	11 592	1.4	acres__	1 214 859	1.0
acres__	1 749 115	.9	tons, dry__	3 909 101	1.0
bushels__	52 456 451	.9	Vegetables harvested for sale (see text) _____ farms __	165	3.0
			acres__	2 119	5.0

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

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

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

Item	All farms		Farms with sales of $10,000 or more	
	Percent change from 1987 to 1992	Standard error of estimate	Percent change from 1987 to 1992	Standard error of estimate
Farms number	−12.5	1.5	−9.8	1.6
Land in farms acres	−2.0	.8	−1.1	.8
Average size of farm acres	12.0	2.1	9.7	2.2
Estimated market value of land and buildings [1]:				
Average per farm dollars	24.7	2.7	22.4	2.7
Average per acre dollars	12.5	1.9	12.6	1.9
Estimated market value of all machinery and equipment [1]:				
Average per farm dollars	17.6	2.7	16.0	2.7
Farms by size:				
1 to 9 acres	−27.3	1.4	−15.4	2.2
10 to 49 acres	.1	1.8	16.1	2.7
50 to 179 acres	−15.7	1.8	−5.4	2.3
180 to 499 acres	−19.2	1.8	−19.3	1.9
500 to 999 acres	−9.8	1.6	−10.2	1.6
1,000 to 1,999 acres	−3.2	1.2	−3.3	1.2
2,000 acres or more	7.0	−	7.8	−
Total cropland farms	−13.4	1.5	−10.9	1.6
acres	−3.9	1.2	−3.2	1.2
Harvested cropland farms	−14.3	1.4	−11.3	1.6
acres	5.7	1.2	7.0	1.2
Irrigated land farms	−14.5	1.4	−13.5	1.4
acres	11.1	1.2	11.4	1.2
Market value of agricultural products sold $1,000	23.1	.8	23.6	.8
Average per farm dollars	40.8	2.5	37.1	2.6
Crops, including nursery and greenhouse crops $1,000	24.0	1.4	24.8	1.4
Livestock, poultry, and their products $1,000	22.8	.5	23.0	.5
Farms by value of sales:				
Less than $2,500	−15.5	1.2	(X)	(X)
$2,500 to $4,999	−21.8	1.5	(X)	(X)
$5,000 to $9,999	−27.1	1.5	(X)	(X)
$10,000 to $24,999	−22.7	1.8	−22.7	1.8
$25,000 to $49,999	−21.7	1.9	−21.7	1.9
$50,000 to $99,999	−18.0	1.8	−18.0	1.8
$100,000 to $249,999	6.5	1.5	6.5	1.5
$250,000 to $499,999	42.2	(L)	42.2	(L)
$500,000 or more	38.2	−	38.2	−
Total farm production expenses [1] $1,000	24.1	1.9	24.5	2.0
Average per farm dollars	41.9	2.6	37.9	2.6
Net cash return from agricultural sales for the farm unit (see text) [1] farms	−12.5	1.5	−9.7	1.6
$1,000	19.0	1.7	19.8	1.7
Average per farm dollars	36.1	3.0	32.7	3.0
Operators by principal occupation:				
Farming	−13.8	1.4	−12.1	1.5
Other	−8.7	1.7	2.4	2.4
Operators by days worked off farm:				
Any	−14.3	4.5	−10.0	4.8
200 days or more	−8.9	4.8	1.6	12.4
Livestock and poultry:				
Cattle and calves inventory farms	−12.3	1.4	−11.3	1.5
number	2.0	.6	2.3	.6
Beef cows farms	−8.2	1.5	−7.0	1.6
number	1.9	.9	2.5	.9
Milk cows farms	−36.4	1.1	−33.2	1.2
number	−20.8	1.1	−20.2	1.1
Cattle and calves sold farms	−13.5	1.4	−12.3	1.5
number	6.0	.4	6.2	.4
Hogs and pigs inventory farms	−19.0	1.4	−18.2	1.5
number	6.2	1.0	6.4	1.0
Hogs and pigs sold farms	−18.4	1.4	−18.0	1.5
number	12.9	1.0	13.1	1.0
Sheep and lambs inventory farms	−23.2	1.4	−24.8	1.6
number	−22.4	1.4	−22.7	1.5
Chickens 3 months old or older inventory farms	−52.8	.8	−55.1	.9
number	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold farms	−44.8	1.5	−49.7	1.5
number	107.2	3.6	111.8	3.8
Selected crops harvested:				
Corn for grain or seed farms	−14.5	1.5	−11.7	1.6
acres	18.8	1.4	19.8	1.4
bushels	24.2	1.4	24.8	1.4
Corn for silage or green chop farms	−6.1	1.3	−5.4	1.3
acres	7.7	1.0	8.5	.9
tons, green	6.8	.9	7.6	.9
Sorghum for grain or seed farms	−16.4	1.5	−11.1	1.7
acres	8.6	1.7	11.2	1.8
bushels	21.3	1.9	23.7	2.0
Wheat for grain farms	−30.1	1.2	−26.6	1.2
acres	−8.2	1.1	−6.7	1.1
bushels	−30.3	.8	−29.2	.8
Oats for grain farms	−35.9	1.2	−34.3	1.2
acres	−37.2	1.1	−36.7	1.1
bushels	−16.9	1.4	−16.4	1.4
Soybeans for beans farms	−19.2	1.4	−15.8	1.5
acres	−.8	1.4	.5	1.4
bushels	13.7	1.5	14.7	1.5
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms	−9.2	1.5	−8.4	1.5
acres	.9	.9	2.1	.9
tons, dry	2.0	1.1	3.1	1.1

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

1992 CENSUS OF AGRICULTURE

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

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

Geographic area	Farms Total (number)	Farms Relative standard error of estimate (percent)	Land in farms Total (acres)	Land in farms Relative standard error of estimate (percent)	Average size of farm Total (acres)	Average size of farm Relative standard error of estimate (percent)	Average market value of land and buildings per farm [1] Value (dollars)	Average market value of land and buildings per farm [1] Relative standard error of estimate (percent)	Estimated market value of all machinery and equipment [1] Total ($1,000)	Estimated market value of all machinery and equipment [1] Relative standard error of estimate (percent)
Nebraska	**52 923**	**1.4**	**44 393 129**	**.7**	**839**	**1.6**	**429 188**	**1.8**	**3 651 286**	**1.1**
Adams	657	1.3	335 465	1.1	511	1.7	520 213	4.7	58 196	4.6
Antelope	891	2.4	489 384	1.8	549	3.0	390 349	5.8	60 017	4.0
Arthur	93	.8	460 156	.2	4 948	.8	868 498	2.1	4 389	2.0
Banner	200	.8	407 678	.5	2 038	.9	621 834	8.5	13 679	5.4
Blaine	116	2.0	460 513	.5	3 970	2.0	630 102	3.3	4 720	4.9
Boone	787	1.8	437 826	1.2	556	2.2	384 941	6.4	57 261	7.2
Box Butte	516	1.3	649 612	.7	1 259	1.5	563 017	5.1	55 322	6.1
Boyd	395	3.0	296 164	2.4	750	3.8	214 529	6.4	16 448	7.6
Brown	332	.9	649 634	.4	1 957	1.0	587 275	2.4	16 427	6.5
Buffalo	1 097	1.8	587 595	1.3	536	2.2	399 136	3.6	77 610	3.9
Burt	588	1.3	270 005	1.2	459	1.8	474 159	5.1	40 809	8.0
Butler	805	1.7	335 849	1.3	417	2.1	402 204	4.3	53 703	4.5
Cass	721	2.4	296 016	1.9	411	3.0	516 876	5.5	42 609	5.0
Cedar	1 041	2.7	428 769	2.2	412	3.5	317 398	6.4	67 504	6.1
Chase	368	1.1	521 389	.5	1 417	1.2	752 305	5.6	38 542	5.0
Cherry	676	.7	3 887 635	.1	5 751	.7	1 060 035	5.5	39 833	2.4
Cheyenne	668	1.4	772 453	1.0	1 156	1.7	345 426	4.6	46 657	8.5
Clay	592	2.3	357 067	1.5	603	2.7	610 475	4.7	60 059	6.1
Colfax	694	1.8	228 988	1.3	330	2.2	330 620	5.2	44 210	4.2
Cuming	1 079	.8	345 739	.7	320	1.1	347 514	3.2	72 099	3.8
Custer	1 321	1.4	1 425 338	.7	1 079	1.6	419 185	4.1	70 664	2.9
Dakota	295	1.4	138 022	1.0	468	1.7	414 618	5.9	18 187	7.7
Dawes	446	1.3	842 110	.6	1 888	1.5	359 379	6.2	17 449	5.4
Dawson	876	1.2	658 572	.7	752	1.4	616 458	3.6	85 237	4.5
Deuel	244	1.1	265 048	.9	1 086	1.4	393 707	6.3	18 249	9.6
Dixon	609	1.9	242 898	1.6	399	2.5	276 169	5.7	53 343	3.4
Dodge	855	1.0	298 854	.7	350	1.2	482 820	3.3	63 851	4.1
Douglas	388	.8	96 093	1.4	248	1.6	437 993	6.4	25 385	5.8
Dundy	308	1.1	528 731	.5	1 717	1.3	624 677	2.9	35 534	2.5
Fillmore	637	1.4	340 471	1.0	534	1.7	555 582	3.3	59 957	5.7
Franklin	444	2.8	323 315	2.2	728	3.6	579 024	10.2	34 028	6.2
Frontier	419	1.5	526 476	1.0	1 257	1.8	444 534	4.2	34 178	6.4
Furnas	459	2.8	430 972	1.9	939	3.4	422 794	5.5	29 967	6.1
Gage	1 140	1.5	508 754	1.2	446	1.9	314 764	3.7	67 956	5.0
Garden	297	2.1	1 069 778	.5	3 602	2.1	661 974	4.3	21 212	10.7
Garfield	228	2.6	338 136	1.2	1 483	2.9	371 854	22.4	8 083	11.5
Gosper	282	1.1	229 703	1.1	815	1.5	527 691	6.2	28 425	6.1
Grant	82	.3	545 799	.2	6 656	.4	1 348 623	1.8	5 145	1.3
Greeley	394	2.0	304 180	1.3	772	2.4	320 247	5.3	25 446	8.9
Hall	744	1.6	316 551	1.0	425	1.9	431 496	3.7	55 785	3.7
Hamilton	664	1.5	321 080	1.1	484	1.8	684 766	3.8	75 603	3.7
Harlan	385	2.1	305 724	1.7	794	2.7	446 974	7.7	26 132	7.5
Hayes	273	1.7	401 978	.8	1 472	1.9	412 213	5.4	20 477	8.6
Hitchcock	379	1.5	403 584	1.1	1 065	1.9	379 994	6.2	32 254	9.3
Holt	1 265	1.7	1 387 740	.9	1 097	1.9	404 061	4.1	98 536	2.8
Hooker	76	.3	375 188	.3	4 937	.4	584 799	1.6	3 183	1.4
Howard	657	1.9	325 330	1.5	495	2.4	299 386	4.8	35 491	4.8
Jefferson	683	1.5	326 831	1.3	479	1.9	325 815	4.5	46 036	5.3
Johnson	488	2.6	186 806	2.9	383	3.9	216 392	7.5	16 314	10.5
Kearney	502	1.3	310 042	1.0	618	1.6	716 153	5.8	55 385	6.4
Keith	348	1.2	668 957	.5	1 922	1.2	581 021	6.4	31 587	9.3
Keya Paha	206	1.3	446 007	.6	2 165	1.4	522 640	12.3	11 863	8.3
Kimball	292	1.1	505 150	.6	1 730	1.2	405 284	5.3	17 696	3.8
Knox	1 086	1.7	612 694	1.4	564	2.2	272 462	5.7	52 689	4.0
Lancaster	1 359	.8	414 763	.9	305	1.3	305 459	6.9	60 914	5.0
Lincoln	1 031	1.1	1 450 481	.4	1 407	1.1	476 821	2.6	65 883	3.8
Logan	133	1.9	335 820	.6	2 525	2.0	534 279	3.3	9 107	3.0
Loup	134	1.6	330 369	.7	2 465	1.7	455 530	4.3	6 439	3.7
McPherson	121	.6	464 534	.3	3 839	.6	565 005	2.7	5 134	3.6
Madison	825	1.5	322 120	1.2	390	1.9	345 231	4.1	53 600	5.1
Merrick	617	2.1	290 608	1.4	471	2.5	426 463	5.0	47 002	5.0
Morrill	458	1.4	724 458	.6	1 582	1.5	418 801	3.5	33 060	6.1
Nance	440	2.9	236 950	2.3	539	3.6	311 739	7.0	29 168	7.9
Nemaha	511	1.6	226 042	1.5	442	2.2	334 099	4.9	24 389	4.9
Nuckolls	541	2.5	333 488	2.1	616	3.3	319 209	6.1	34 307	6.3
Otoe	805	1.3	325 801	1.3	405	1.8	375 224	6.9	50 144	6.2
Pawnee	463	1.7	223 949	1.5	484	2.3	297 961	8.1	24 464	7.2
Perkins	479	1.2	532 901	.7	1 113	1.3	551 959	5.8	37 998	4.8
Phelps	578	1.3	375 771	.8	650	1.5	771 920	2.8	75 058	3.9
Pierce	725	2.2	297 326	1.8	410	2.8	326 495	10.4	46 065	5.5
Platte	1 099	2.5	409 715	2.0	373	3.2	409 924	5.8	80 324	5.8
Polk	625	1.3	250 086	1.1	400	1.7	447 125	4.8	51 000	5.2
Red Willow	425	1.8	439 475	1.2	1 034	2.2	457 800	13.1	37 379	10.6
Richardson	712	2.4	301 513	2.1	423	3.2	281 582	5.5	35 589	5.7
Rock	310	1.2	657 906	.5	2 122	1.3	447 170	5.9	15 573	2.9
Saline	742	2.5	312 079	2.5	421	3.5	307 555	5.0	43 200	5.0
Sarpy	362	1.3	105 085	1.6	290	2.1	467 448	7.3	19 628	5.7
Saunders	1 235	1.7	437 274	1.4	354	2.2	425 107	4.7	75 615	3.8
Scotts Bluff	821	1.5	417 698	1.0	509	1.8	323 127	4.4	51 212	4.0
Seward	879	1.2	314 949	1.1	358	1.6	334 133	4.1	57 821	4.2
Sheridan	658	1.5	1 481 503	.5	2 252	1.6	430 856	4.7	42 908	4.8
Sherman	500	1.8	298 115	1.6	596	2.5	286 131	7.3	24 220	7.9
Sioux	327	.9	1 005 877	.3	3 076	.9	678 135	3.8	15 977	6.0
Stanton	557	1.1	217 228	1.2	390	1.6	277 829	5.9	39 934	8.4

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 8
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

Geographic area	Farms Total (number)	Farms Relative standard error of estimate (percent)	Land in farms Total (acres)	Land in farms Relative standard error of estimate (percent)	Average size of farm Total (acres)	Average size of farm Relative standard error of estimate (percent)	Average market value of land and buildings per farm [1] Value (dollars)	Average market value of land and buildings per farm [1] Relative standard error of estimate (percent)	Estimated market value of all machinery and equipment [1] Total ($1,000)	Estimated market value of all machinery and equipment [1] Relative standard error of estimate (percent)
Thayer	623	1.7	347 598	1.4	558	2.3	420 848	4.4	49 439	5.2
Thomas	97	1.0	360 203	.2	3 713	1.1	605 183	2.4	3 887	2.6
Thurston	386	1.8	193 556	1.1	501	2.1	367 581	5.5	24 878	7.8
Valley	488	2.4	339 358	2.0	695	3.1	355 025	12.0	27 454	7.3
Washington	726	1.3	228 167	1.2	314	1.8	412 767	3.6	41 783	4.8
Wayne	630	1.2	248 502	1.0	394	1.6	312 113	4.3	40 928	6.9
Webster	448	1.5	307 527	1.4	686	2.0	364 593	11.1	21 007	7.5
Wheeler	200	1.1	263 976	.9	1 320	1.4	360 410	7.4	13 901	2.9
York	765	1.6	345 509	1.2	452	1.9	664 172	7.7	83 478	6.5

Geographic area	Average market value of all machinery and equipment per farm [1] Value (dollars)	Average market value of all machinery and equipment per farm [1] Relative standard error of estimate (percent)	Market value of agricultural products sold Total ($1,000)	Market value of agricultural products sold Relative standard error of estimate (percent)	Average market value of agricultural products sold per farm Value (dollars)	Average market value of agricultural products sold per farm Relative standard error of estimate (percent)	Farm production expenses [1] — Total farm production expenses — Farms Number	Farm production expenses [1] — Total farm production expenses — Farms Relative standard error of estimate (percent)	Farm production expenses [1] — Total farm production expenses — Value Total ($1,000)	Farm production expenses [1] — Total farm production expenses — Value Relative standard error of estimate (percent)
Nebraska	**69 120**	**1.8**	**8 209 691**	**.5**	**155 125**	**1.5**	**52 920**	**1.4**	**6 711 544**	**.5**
Adams	88 578	4.8	153 567	.4	233 739	1.4	657	1.5	128 841	1.0
Antelope	67 435	4.8	121 668	1.2	136 552	2.6	890	2.6	97 692	2.0
Arthur	47 189	2.8	11 642	.7	125 187	1.0	93	2.0	8 908	.8
Banner	68 395	5.6	36 095	.3	180 475	.8	200	1.1	33 172	3.3
Blaine	40 692	5.6	18 159	.7	156 546	2.1	116	2.6	14 353	1.7
Boone	72 759	7.5	119 962	.7	152 430	2.0	787	2.1	105 111	1.8
Box Butte	107 421	6.3	130 151	.3	252 231	1.4	515	1.5	108 217	1.2
Boyd	42 610	8.5	25 759	2.1	65 213	3.7	395	3.1	19 409	6.0
Brown	49 478	6.6	80 435	.3	242 273	.9	332	1.0	74 694	1.7
Buffalo	70 748	4.3	148 772	.8	135 617	1.9	1 097	1.8	121 682	1.4
Burt	69 403	8.1	94 915	.7	161 420	1.5	588	1.5	72 315	1.7
Butler	67 128	4.9	87 084	.9	108 178	1.9	805	1.9	63 320	2.1
Cass	59 179	5.6	64 130	1.5	88 946	2.8	720	2.5	43 827	3.0
Cedar	64 908	6.7	125 722	1.5	120 770	3.0	1 040	2.7	98 577	2.1
Chase	105 019	5.2	77 232	.4	209 869	1.1	367	1.5	68 781	2.3
Cherry	58 925	2.5	101 253	.2	149 753	.8	676	.8	75 976	1.0
Cheyenne	70 479	8.7	98 633	.4	147 655	1.4	667	1.4	90 925	1.2
Clay	101 280	6.7	126 745	.7	214 096	2.4	593	2.8	98 094	1.3
Colfax	64 446	4.4	177 498	.4	255 761	1.8	693	1.2	151 899	1.1
Cuming	66 820	3.9	434 696	.1	402 869	.9	1 079	.9	353 429	.4
Custer	53 493	3.1	219 113	.4	165 869	1.4	1 321	1.2	198 834	1.1
Dakota	61 444	8.0	27 454	.9	93 064	1.6	296	2.0	20 454	3.4
Dawes	39 123	5.6	23 765	.8	53 284	1.5	446	1.5	17 734	4.5
Dawson	97 303	4.6	322 631	.2	368 300	1.2	876	1.0	296 716	.4
Deuel	74 791	9.7	12 657	1.2	51 871	1.6	244	1.4	12 378	6.5
Dixon	87 592	4.1	122 195	.5	200 648	2.0	609	2.4	100 378	1.2
Dodge	74 679	4.2	116 335	.5	136 065	1.1	855	.9	87 081	1.4
Douglas	65 425	5.9	37 085	.7	95 580	1.1	388	1.1	28 307	2.2
Dundy	115 370	2.9	81 313	.3	264 002	1.2	308	1.5	67 207	1.3
Fillmore	94 271	5.9	110 265	.6	173 101	1.5	636	1.5	81 617	1.5
Franklin	78 406	7.1	46 407	1.7	104 520	3.2	444	2.6	35 569	3.4
Frontier	81 375	6.6	42 563	1.0	101 582	1.8	420	1.6	33 962	2.9
Furnas	65 289	6.8	79 032	.9	172 182	2.9	459	3.0	63 853	2.0
Gage	59 610	5.2	96 378	1.0	84 542	1.7	1 140	1.4	72 201	1.8
Garden	71 421	10.8	46 688	.6	157 199	2.2	297	2.0	40 547	2.7
Garfield	35 452	11.8	32 873	.9	144 181	2.8	228	2.4	29 967	4.8
Gosper	100 799	6.3	37 509	.8	133 012	1.3	282	1.4	33 694	4.9
Grant	62 746	2.2	10 969	.3	133 773	.5	82	1.8	8 448	.3
Greeley	64 749	9.3	39 597	1.1	100 500	2.3	393	2.9	30 734	2.6
Hall	75 081	4.0	151 921	.5	204 195	1.6	743	1.6	132 268	.8
Hamilton	113 861	3.9	128 468	.7	193 476	1.6	664	1.4	100 664	1.3
Harlan	67 876	7.8	74 385	.7	193 209	2.2	385	2.2	55 739	1.7
Hayes	75 008	8.8	78 469	.3	287 430	1.8	273	2.2	66 002	1.4
Hitchcock	86 704	9.6	30 590	1.0	80 712	1.8	379	1.4	25 058	5.9
Holt	77 894	3.5	170 567	.7	134 835	1.8	1 265	2.2	140 916	1.6
Hooker	41 887	2.1	8 138	.5	107 080	.6	76	1.6	6 992	.6
Howard	53 937	5.2	72 461	.9	110 291	2.1	658	2.0	59 403	2.4
Jefferson	67 403	5.5	61 641	.9	90 250	1.7	683	1.4	48 866	2.2
Johnson	33 429	10.8	24 550	2.4	50 308	3.5	488	2.4	17 626	5.9
Kearney	110 330	6.5	155 716	.3	310 191	1.3	502	1.5	128 682	1.5
Keith	91 030	9.4	82 657	.3	237 520	1.2	347	1.3	75 190	2.4
Keya Paha	57 585	8.4	20 581	.9	99 906	1.6	206	1.2	17 212	4.5
Kimball	60 397	4.0	20 484	.7	70 152	1.3	293	1.4	15 119	3.7
Knox	49 013	4.4	119 103	.9	109 671	1.9	1 086	1.6	91 878	1.7
Lancaster	44 955	5.1	69 989	.8	51 500	1.2	1 362	.9	52 558	2.1
Lincoln	63 902	3.9	150 684	.4	146 153	1.1	1 031	1.0	127 367	1.1
Logan	68 471	3.8	16 464	1.2	123 788	2.3	133	2.3	13 895	2.2
Loup	48 055	4.3	14 996	1.2	111 907	2.0	134	2.3	11 867	2.3
McPherson	42 434	4.0	11 575	.4	95 659	.7	121	1.7	9 815	2.1

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 9
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1] — Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Madison	64 969	5.5	102 198	.8	123 876	1.7	825	1.9	81 469	1.6
Merrick	76 801	5.5	133 054	.6	215 647	2.1	617	2.2	112 332	1.0
Morrill	72 183	6.3	105 523	.4	230 401	1.5	458	1.4	86 722	1.1
Nance	66 291	8.5	54 622	1.3	124 141	3.2	440	3.1	43 577	3.2
Nemaha	47 728	5.2	44 621	1.2	87 320	2.0	511	1.9	29 456	3.2
Nuckolls	63 415	6.8	47 325	1.6	87 477	3.0	541	2.6	34 062	3.0
Otoe	62 368	6.4	58 502	1.1	72 673	1.7	804	1.7	39 545	3.1
Pawnee	52 838	7.8	29 670	1.2	64 082	2.1	463	3.0	23 186	5.2
Perkins	79 327	5.0	50 090	.6	104 572	1.3	479	1.2	42 011	2.4
Phelps	129 858	4.0	229 604	.3	397 239	1.3	578	1.1	199 244	.7
Pierce	63 450	6.0	105 844	1.0	145 992	2.4	726	2.4	85 077	2.4
Platte	73 154	6.4	167 079	1.1	152 028	2.7	1 098	2.7	130 147	2.1
Polk	81 600	5.3	118 520	.5	189 632	1.4	625	1.3	97 365	1.2
Red Willow	88 998	10.8	81 098	.6	190 819	1.9	425	1.9	71 170	2.0
Richardson	49 984	6.2	52 061	1.6	73 119	2.9	712	2.3	35 674	3.5
Rock	50 073	3.2	52 111	.5	168 100	1.3	311	1.3	40 895	1.8
Saline	58 616	5.6	57 634	1.9	77 674	3.1	742	2.5	41 633	3.5
Sarpy	54 222	5.9	60 388	.6	166 817	1.4	362	1.6	49 734	1.9
Saunders	61 277	4.1	140 199	.8	113 521	1.9	1 234	1.4	103 514	1.6
Scotts Bluff	62 453	4.3	191 286	.4	232 991	1.5	820	1.7	156 647	.9
Seward	65 780	4.5	99 894	.6	113 645	1.4	879	1.6	73 565	1.6
Sheridan	65 110	5.1	60 831	.7	92 449	1.6	659	1.7	47 070	1.7
Sherman	48 538	8.1	34 916	1.7	69 832	2.5	499	1.7	29 044	4.9
Sioux	48 858	6.1	65 709	.3	200 946	.9	327	1.0	55 359	1.1
Stanton	71 694	8.5	97 173	.4	174 457	1.2	557	1.4	81 092	1.7
Thayer	79 356	5.4	80 403	.8	129 058	1.9	623	1.5	70 608	2.4
Thomas	40 074	3.5	9 001	.5	92 789	1.2	97	2.3	7 246	.6
Thurston	64 451	8.0	54 468	.7	141 109	1.9	386	2.0	38 165	1.9
Valley	56 258	7.8	72 053	.9	147 650	2.6	488	2.9	59 901	2.8
Washington	57 473	5.1	77 826	.8	107 198	1.5	727	1.6	55 179	1.9
Wayne	66 012	7.1	106 770	.5	169 476	1.3	630	1.5	87 468	1.1
Webster	46 786	7.8	92 643	.4	206 793	1.5	449	1.9	82 413	1.3
Wheeler	72 782	3.3	122 807	.2	614 037	1.1	200	1.6	115 677	.6
York	109 121	6.8	151 402	.6	197 911	1.7	765	1.8	119 279	1.3

Farm production expenses[1] —Con.

Geographic area	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Nebraska	**22 055**	**1.7**	**2 502 060**	**.3**	**31 853**	**1.6**	**1 086 234**	**.5**	**39 138**	**1.6**	**211 555**	**1.1**
Adams	196	14.3	(D)	(D)	284	10.4	(D)	(D)	546	3.7	4 357	5.4
Antelope	536	6.1	28 697	3.5	609	5.2	12 941	5.1	727	4.3	4 159	3.7
Arthur	54	2.2	1 551	.3	76	2.0	1 486	.5	26	2.3	182	4.2
Banner	94	15.5	14 589	2.9	112	10.2	3 456	2.6	110	13.9	724	6.0
Blaine	69	9.4	2 729	6.5	95	5.7	3 846	3.0	27	14.2	107	5.9
Boone	397	8.7	33 182	2.2	534	6.0	21 064	5.0	610	4.5	3 891	5.4
Box Butte	212	10.9	46 139	2.0	267	9.5	12 448	2.3	331	8.0	3 545	4.1
Boyd	219	10.1	5 661	15.3	297	7.4	3 298	5.4	250	7.9	596	10.7
Brown	197	10.3	38 425	2.3	254	5.9	12 940	1.5	145	11.1	1 029	8.8
Buffalo	486	7.8	42 424	1.5	706	4.6	14 837	4.6	783	3.5	4 905	3.6
Burt	190	15.2	24 251	1.0	244	13.2	9 671	3.7	484	4.0	2 969	5.8
Butler	249	10.6	12 964	3.0	447	7.5	10 440	5.4	663	3.7	3 205	4.3
Cass	243	12.8	8 586	6.5	400	8.9	3 617	9.8	542	5.7	2 799	5.3
Cedar	607	6.3	31 143	3.4	761	5.1	18 510	4.2	825	4.2	3 711	6.6
Chase	118	16.2	13 244	1.8	199	8.7	5 490	3.5	301	4.0	3 995	4.4
Cherry	388	5.2	14 992	5.3	545	3.2	12 950	1.5	121	11.3	505	2.2
Cheyenne	168	13.5	48 208	.8	265	11.0	13 129	1.6	483	6.3	1 427	13.8
Clay	158	16.3	26 593	2.4	245	13.0	15 642	2.7	516	4.9	4 207	4.1
Colfax	343	7.9	78 860	1.9	463	6.1	33 898	2.7	520	4.8	2 830	4.5
Cuming	561	5.1	220 112	.4	706	4.2	69 198	1.0	917	2.4	3 475	3.7
Custer	725	5.4	87 490	1.1	950	3.7	26 622	5.0	751	4.7	5 063	5.3
Dakota	72	19.5	1 524	6.9	113	15.4	1 179	11.1	261	5.7	1 480	3.8
Dawes	181	14.2	3 735	6.7	269	11.0	1 911	9.6	192	11.3	247	9.6
Dawson	373	7.5	150 466	.5	534	5.8	59 671	.7	627	4.0	5 594	3.3
Deuel	24	30.0	1 707	30.2	52	26.9	496	11.1	188	8.9	663	11.2
Dixon	227	11.1	28 693	1.7	374	7.2	33 899	.9	516	5.0	1 787	6.9
Dodge	318	9.9	30 521	2.2	425	7.9	12 084	4.7	719	3.1	3 877	4.0
Douglas	106	19.7	7 456	2.6	160	15.2	4 178	4.2	284	7.5	1 358	6.2
Dundy	151	10.6	23 465	1.4	187	8.9	7 650	2.9	242	7.1	2 585	3.4
Fillmore	227	10.4	15 966	1.5	300	9.0	10 842	4.2	543	3.3	4 307	3.1
Franklin	181	13.2	4 897	14.4	222	9.8	2 568	5.3	368	5.4	2 023	5.6
Frontier	206	10.2	3 112	13.8	325	6.4	2 982	7.7	350	4.4	1 891	5.9
Furnas	219	10.2	19 408	2.2	315	6.8	11 705	2.2	385	5.7	1 709	7.4
Gage	586	6.5	11 908	4.7	818	4.2	13 229	5.5	899	3.0	2 969	5.3

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 10
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

Geographic area	Livestock and poultry purchased — Farms Number	RSE (percent)	Value Total ($1,000)	RSE (percent)	Feed for livestock and poultry — Farms Number	RSE (percent)	Value Total ($1,000)	RSE (percent)	Seeds, bulbs, plants, and trees — Farms Number	RSE (percent)	Value Total ($1,000)	RSE (percent)
Garden	122	14.3	13 756	1.5	156	12.5	5 761	5.6	142	11.2	661	13.2
Garfield	118	16.9	15 100	5.6	163	12.9	5 889	5.7	160	9.3	338	10.2
Gosper	87	9.3	5 850	3.9	177	10.5	3 236	4.1	229	5.0	1 738	8.7
Grant	54	1.8	1 534	.3	64	1.9	1 402	.7	13	2.4	119	(L)
Greeley	193	11.1	4 249	10.7	290	8.0	4 554	9.3	300	7.4	1 500	6.7
Hall	326	9.8	56 983	1.5	411	8.3	21 925	2.2	551	3.9	3 782	3.1
Hamilton	212	12.2	30 872	2.0	308	9.2	10 719	2.3	610	2.9	5 294	4.8
Harlan	150	15.9	21 348	3.0	218	10.6	9 153	3.7	315	5.8	1 569	9.6
Hayes	136	14.8	32 825	1.3	197	6.4	12 324	2.2	178	3.8	1 121	7.3
Hitchcock	146	15.8	4 807	14.1	195	14.5	1 609	11.0	325	3.2	1 072	9.7
Holt	570	8.1	25 481	3.6	942	4.5	27 679	5.3	613	6.8	4 876	6.3
Hooker	49	1.9	1 831	.6	69	1.6	1 469	.8	15	–	36	–
Howard	341	9.6	22 098	4.1	474	6.2	9 110	3.6	467	4.6	2 054	4.9
Jefferson	185	15.4	8 357	7.1	349	9.9	7 373	4.9	543	5.4	2 110	10.3
Johnson	151	18.2	1 696	33.3	296	10.4	3 981	13.3	339	6.8	622	13.6
Kearney	150	15.5	59 765	.2	235	11.3	18 643	1.8	436	4.2	3 961	6.6
Keith	125	16.8	33 929	1.9	219	10.6	8 546	5.5	224	10.6	2 079	14.8
Keya Paha	83	10.8	4 313	5.1	153	9.3	2 560	12.9	124	10.8	370	11.6
Kimball	76	19.2	1 647	13.0	147	10.8	1 183	18.9	192	8.5	617	12.4
Knox	637	5.8	31 173	3.9	828	3.6	20 415	4.7	827	4.2	2 180	4.8
Lancaster	437	8.9	5 076	11.7	741	5.8	9 139	7.5	978	3.4	2 315	4.4
Lincoln	535	6.2	34 547	1.3	679	4.5	19 574	1.2	580	4.9	4 053	4.1
Logan	72	9.2	2 823	1.9	104	5.3	1 843	1.8	69	9.5	440	6.0
Loup	69	9.8	3 028	3.1	113	4.9	1 989	5.1	80	8.1	177	9.4
McPherson	72	7.0	2 348	3.8	97	4.9	1 841	3.8	49	11.1	157	10.4
Madison	405	7.0	26 625	2.5	500	5.7	13 034	3.2	635	3.8	3 218	4.2
Merrick	226	11.9	50 227	.4	415	7.8	16 983	2.2	518	4.5	3 520	4.0
Morrill	232	10.6	37 762	1.4	301	8.5	13 385	1.5	299	6.9	2 640	9.3
Nance	224	11.9	12 814	2.7	325	8.1	6 720	5.9	378	5.7	1 850	7.8
Nemaha	117	13.0	3 322	19.2	313	6.8	4 105	13.2	449	3.6	1 777	4.7
Nuckolls	194	15.0	5 039	5.6	300	10.4	5 277	11.3	409	6.0	1 264	8.8
Otoe	274	11.8	5 342	10.9	422	8.1	5 172	6.9	678	3.4	2 309	6.9
Pawnee	200	12.1	4 516	28.9	279	9.1	4 364	9.3	357	6.9	810	11.7
Perkins	126	14.5	3 448	12.3	200	10.9	1 514	6.5	397	4.9	2 924	4.8
Phelps	209	12.6	99 905	.9	323	8.8	33 270	1.1	509	3.2	5 650	3.7
Pierce	435	7.9	32 155	4.0	523	5.8	14 051	4.1	604	4.4	2 946	5.6
Platte	462	8.1	41 576	3.7	673	6.3	26 574	2.8	916	4.0	4 651	5.3
Polk	276	8.9	43 227	1.8	399	6.3	16 489	3.3	500	3.9	2 708	5.1
Red Willow	158	12.0	33 740	2.7	238	10.9	8 473	2.5	329	6.0	2 245	12.6
Richardson	196	14.2	3 962	5.5	348	8.9	4 277	6.5	574	4.8	2 337	8.0
Rock	109	11.5	14 317	.8	212	5.7	7 974	2.1	77	16.7	1 034	8.0
Saline	270	12.1	6 404	7.4	450	7.8	5 746	8.6	645	4.1	2 184	7.1
Sarpy	87	21.3	27 441	.9	153	15.2	7 130	2.4	264	5.0	1 191	9.2
Saunders	443	8.5	39 960	2.7	567	6.9	11 355	4.1	1 075	2.8	4 676	5.4
Scotts Bluff	244	11.1	79 652	.9	328	9.8	26 522	1.0	620	4.8	3 480	3.9
Seward	278	9.9	21 261	3.0	428	6.9	13 251	3.1	701	4.0	3 095	4.5
Sheridan	287	10.3	9 405	4.2	484	5.9	5 955	7.0	327	8.3	1 241	8.3
Sherman	230	13.5	3 337	14.7	327	9.2	2 390	8.1	346	6.8	1 563	13.1
Sioux	190	8.3	32 348	1.3	246	5.8	8 304	1.0	135	12.9	501	12.3
Stanton	261	9.7	39 866	2.6	374	7.4	14 817	3.9	443	5.0	1 915	5.9
Thayer	192	13.9	19 447	.7	361	8.1	11 096	4.0	537	3.4	2 853	7.7
Thomas	59	2.5	1 909	1.5	81	2.3	1 867	.7	11	3.6	23	.3
Thurston	165	16.3	11 468	2.1	201	11.1	4 977	5.2	331	4.9	1 838	5.0
Valley	255	9.6	24 777	3.9	345	7.4	8 936	5.9	370	7.2	1 813	7.4
Washington	225	11.7	14 832	2.9	356	8.3	6 181	5.4	550	3.3	2 477	5.3
Wayne	322	7.4	37 699	1.7	429	5.9	15 062	2.1	519	4.3	2 453	5.8
Webster	207	10.0	(D)	(D)	324	7.5	(D)	(D)	293	8.5	1 164	9.2
Wheeler	94	17.5	(D)	(D)	146	11.2	(D)	(D)	85	15.7	678	9.9
York	226	13.9	42 791	1.1	304	11.3	17 416	6.0	646	4.3	5 116	5.2

Farm production expenses [1] —Con.

Geographic area	Commercial fertilizer — Farms Number	RSE (percent)	Value Total ($1,000)	RSE (percent)	Agricultural chemicals — Farms Number	RSE (percent)	Value Total ($1,000)	RSE (percent)	Petroleum products — Farms Number	RSE (percent)	Value Total ($1,000)	RSE (percent)
Nebraska	**37 794**	**1.6**	**344 363**	**1.1**	**35 592**	**1.6**	**202 392**	**1.2**	**50 701**	**1.5**	**288 400**	**1.1**
Adams	538	3.6	5 346	4.4	524	3.9	3 514	7.4	650	1.7	4 994	4.4
Antelope	685	4.9	8 765	5.0	630	5.5	3 523	5.1	873	2.6	5 826	3.6
Arthur	33	2.1	313	3.6	27	3.6	77	6.7	89	2.0	621	1.1
Banner	106	12.3	940	6.4	122	10.9	387	10.2	200	1.1	1 710	7.2
Blaine	39	13.4	243	5.2	21	13.3	57	8.8	108	4.6	727	2.1
Boone	585	4.5	7 311	5.7	574	5.2	3 629	6.3	739	2.8	4 403	5.8
Box Butte	337	7.9	5 790	3.1	317	7.3	2 719	5.9	489	3.3	3 947	2.9
Boyd	221	9.8	831	11.3	223	10.3	435	17.5	387	3.7	1 189	6.1
Brown	133	12.2	2 180	12.5	120	11.7	1 109	12.0	316	2.9	1 900	5.6

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

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

Geographic area	Commercial fertilizer Farms Number	Commercial fertilizer Farms Relative standard error of estimate (percent)	Commercial fertilizer Value Total ($1,000)	Commercial fertilizer Value Relative standard error of estimate (percent)	Agricultural chemicals Farms Number	Agricultural chemicals Farms Relative standard error of estimate (percent)	Agricultural chemicals Value Total ($1,000)	Agricultural chemicals Value Relative standard error of estimate (percent)	Petroleum products Farms Number	Petroleum products Farms Relative standard error of estimate (percent)	Petroleum products Value Total ($1,000)	Petroleum products Value Relative standard error of estimate (percent)
Buffalo	768	4.0	7 746	4.9	722	4.7	4 069	6.3	1 040	2.4	7 264	4.0
Burt	475	4.8	5 151	10.1	490	4.8	3 489	5.7	569	2.5	3 201	6.6
Butler	701	3.4	4 328	3.7	586	4.7	2 992	9.5	789	2.0	4 005	4.2
Cass	555	5.6	2 891	5.5	527	6.3	3 636	8.0	691	3.2	2 852	5.7
Cedar	800	4.6	4 576	5.5	736	5.5	2 931	7.2	990	3.3	4 235	4.8
Chase	281	4.3	9 223	6.3	238	7.7	3 753	8.1	339	4.6	3 714	5.8
Cherry	158	7.1	1 083	3.5	128	9.7	460	1.4	655	1.9	4 203	2.7
Cheyenne	428	6.5	2 585	6.7	401	7.9	1 525	11.1	647	2.4	3 209	4.7
Clay	505	4.7	5 510	4.5	488	5.4	3 924	4.6	578	3.3	5 492	4.3
Colfax	498	5.5	3 341	4.1	485	5.6	2 036	6.0	673	1.8	3 112	3.5
Cuming	867	2.8	5 287	6.5	815	3.4	3 699	4.2	1 053	1.4	4 302	2.6
Custer	690	4.8	8 650	4.8	674	5.0	4 468	4.5	1 231	2.2	8 463	3.9
Dakota	277	4.5	2 517	4.0	253	6.0	1 557	6.2	286	3.5	1 237	5.2
Dawes	135	17.2	345	15.7	149	12.0	267	13.6	421	3.3	1 512	7.8
Dawson	597	4.0	7 132	3.2	618	3.9	4 018	4.0	783	2.4	6 534	4.4
Deuel	175	9.2	862	9.4	155	11.6	553	12.3	221	4.9	1 045	10.5
Dixon	495	4.7	3 195	7.4	489	5.6	1 623	8.7	590	3.0	3 011	5.2
Dodge	743	3.2	4 883	6.0	638	4.3	3 936	5.7	838	1.2	3 481	4.3
Douglas	254	9.4	1 877	5.2	271	7.7	1 595	6.5	366	3.5	1 479	5.2
Dundy	248	6.2	6 242	4.1	179	9.2	1 812	3.5	290	3.4	3 279	3.3
Fillmore	539	3.2	6 214	4.1	512	3.3	4 211	3.9	624	1.7	5 100	3.5
Franklin	344	6.4	3 658	6.6	354	6.7	1 807	7.0	413	4.2	3 854	7.4
Frontier	320	5.5	3 755	5.4	269	7.4	1 670	9.3	411	2.4	3 135	4.9
Furnas	364	5.8	4 032	6.4	313	7.3	2 234	11.1	444	3.7	3 057	5.4
Gage	881	3.3	4 790	5.3	919	3.4	3 620	5.5	1 096	2.0	4 706	4.1
Garden	132	12.5	1 509	13.3	109	14.8	526	13.9	295	2.0	1 882	6.6
Garfield	82	23.4	408	15.0	121	16.2	295	21.0	216	5.3	947	7.7
Gosper	223	5.4	2 914	7.2	235	6.0	1 927	11.9	270	3.5	2 400	7.0
Grant	19	–	147	–	22	3.0	75	1.0	82	1.8	574	.7
Greeley	293	6.8	3 431	6.4	278	7.1	1 668	9.3	387	3.2	2 168	6.3
Hall	580	3.9	6 861	3.6	522	4.7	3 144	7.6	693	3.1	4 394	5.1
Hamilton	583	3.3	6 624	3.6	588	2.8	5 231	4.0	647	2.1	5 501	3.9
Harlan	309	6.2	3 236	5.6	273	8.2	1 536	8.2	367	3.2	3 100	8.2
Hayes	183	3.7	2 640	7.3	164	5.6	1 225	7.2	272	2.2	1 999	3.7
Hitchcock	350	3.7	3 003	9.1	257	7.3	835	9.5	358	3.8	1 890	10.3
Holt	601	7.2	9 956	5.7	521	8.1	4 617	7.4	1 217	2.6	8 645	3.9
Hooker	16	–	58	–	17	4.5	39	2.5	74	1.6	423	.6
Howard	482	3.8	4 714	6.8	441	4.6	1 808	6.6	599	3.5	2 498	5.0
Jefferson	518	6.0	3 475	7.3	431	6.9	2 641	8.2	622	3.2	3 758	11.1
Johnson	386	4.9	1 080	10.6	389	6.4	895	14.2	454	4.2	1 102	7.3
Kearney	429	5.1	6 533	6.2	405	5.6	3 601	7.6	501	1.5	5 415	9.0
Keith	226	10.2	3 225	10.4	154	14.9	1 635	13.9	318	4.4	2 523	7.0
Keya Paha	91	9.9	759	21.7	84	16.6	332	14.5	206	1.2	1 151	11.0
Kimball	134	9.6	699	5.7	139	10.6	482	7.5	291	1.4	1 488	5.6
Knox	679	5.1	3 251	5.2	613	6.4	1 835	7.2	1 075	1.8	4 257	4.3
Lancaster	989	3.3	3 818	5.9	963	3.0	3 763	12.0	1 301	1.5	3 309	5.0
Lincoln	572	4.5	7 512	4.1	510	5.0	3 954	7.0	990	1.7	5 970	3.9
Logan	68	9.6	840	4.6	54	10.5	342	9.6	123	4.1	848	4.2
Loup	73	8.7	361	6.3	46	10.9	104	12.2	131	2.9	664	4.2
McPherson	56	9.1	321	12.6	36	12.9	105	20.6	118	2.6	668	4.9
Madison	607	4.5	5 310	5.6	529	5.6	2 857	4.7	813	2.2	4 025	4.6
Merrick	510	4.6	8 033	4.8	455	6.5	2 741	8.4	587	2.6	3 379	3.8
Morrill	278	8.0	3 525	6.0	266	8.6	1 714	3.9	442	2.3	2 626	3.5
Nance	383	5.7	3 108	8.6	360	6.6	1 402	10.3	409	4.5	2 286	7.9
Nemaha	416	4.6	2 513	4.3	409	4.9	2 347	4.6	455	4.1	1 737	5.5
Nuckolls	406	6.5	2 532	5.5	377	7.4	1 932	6.5	541	2.6	2 591	4.3
Otoe	629	4.4	3 041	6.5	623	4.9	2 731	8.8	778	2.2	3 075	5.6
Pawnee	298	8.6	1 910	15.9	299	8.6	1 331	14.8	413	5.3	1 368	9.2
Perkins	416	4.7	5 385	3.1	303	6.1	2 818	9.9	456	2.9	3 137	4.3
Phelps	515	3.0	7 441	4.2	468	4.3	4 019	4.1	562	1.6	6 629	2.8
Pierce	568	4.3	4 967	5.9	519	5.7	2 257	7.6	717	2.7	3 764	5.0
Platte	885	4.3	7 750	5.6	866	4.6	3 989	7.9	1 052	3.2	5 091	4.7
Polk	501	4.1	4 077	5.1	500	4.2	2 721	7.4	595	2.2	3 682	4.6
Red Willow	324	6.2	3 544	5.2	291	7.5	1 669	9.4	398	3.8	2 252	7.7
Richardson	545	5.6	3 629	7.5	583	4.9	3 331	6.7	653	3.6	2 223	5.9
Rock	78	16.7	1 844	7.8	112	14.6	927	4.7	293	2.2	2 105	5.0
Saline	639	4.2	3 315	6.2	614	4.6	2 834	11.7	717	2.8	3 230	6.6
Sarpy	257	6.4	1 420	12.7	237	9.3	1 375	11.3	341	3.4	1 353	8.2
Saunders	967	3.4	4 618	5.0	910	3.5	4 751	5.0	1 186	1.9	4 583	3.9
Scotts Bluff	600	4.7	6 260	6.8	572	5.2	3 169	7.3	800	1.9	4 839	3.5
Seward	717	3.4	3 938	4.3	695	4.2	3 364	5.5	818	2.5	3 628	3.9
Sheridan	269	10.5	1 599	7.9	269	9.4	1 148	11.2	643	2.3	3 304	4.7
Sherman	321	7.0	3 040	6.1	310	8.2	1 935	11.5	455	3.6	2 496	7.1
Sioux	91	12.9	847	12.1	120	13.7	314	11.4	305	3.1	1 453	4.5
Stanton	434	5.2	2 608	7.1	374	7.0	1 514	9.3	545	2.0	2 412	4.6
Thayer	552	3.3	5 368	6.1	508	4.6	3 612	6.2	618	1.7	3 808	4.3
Thomas	19	–	91	–	12	7.0	21	3.2	92	2.4	377	1.1
Thurston	324	5.1	2 869	4.0	310	5.5	1 562	6.1	386	2.0	1 614	4.2
Valley	352	7.1	3 081	6.8	357	7.3	1 572	10.9	464	3.5	2 369	8.7
Washington	538	3.6	3 639	7.2	558	4.0	2 789	6.9	718	1.9	2 747	3.8

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 12
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

Farm production expenses [1]—Con.

Geographic area	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Wayne	469	5.5	3 745	5.6	450	5.3	2 215	5.2	617	1.9	2 867	5.1
Webster	292	8.5	2 378	9.6	294	8.5	1 414	8.5	410	5.5	2 089	11.5
Wheeler	92	13.8	1 801	7.2	83	16.1	891	26.1	182	5.5	1 103	3.2
York	653	4.3	6 171	4.8	620	4.8	5 174	5.2	744	2.0	5 784	4.3

Farm production expenses [1]—Con.

Geographic area	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Nebraska	**43 372**	**1.5**	**95 895**	**1.1**	**19 889**	**1.6**	**254 132**	**.6**	**5 622**	**2.9**	**18 344**	**3.5**
Adams	561	3.5	1 094	7.3	258	9.9	2 877	5.9	85	23.3	151	22.0
Antelope	796	3.8	1 500	4.7	306	10.1	4 218	6.1	101	23.9	277	21.9
Arthur	69	2.0	176	1.1	41	1.7	808	.7	12	2.8	115	.4
Banner	161	9.0	560	9.1	79	14.1	1 389	12.6	46	24.3	202	21.1
Blaine	99	5.3	193	3.4	55	9.8	1 174	2.3	19	19.2	136	2.4
Boone	695	3.4	1 526	10.5	257	11.5	3 643	8.3	48	35.1	75	19.5
Box Butte	397	5.2	3 546	4.3	244	10.4	6 044	2.4	111	15.2	708	3.9
Boyd	331	6.5	517	19.5	119	17.9	468	3.1	18	48.6	15	28.6
Brown	253	6.1	574	10.8	122	13.2	2 249	1.4	25	23.5	166	.5
Buffalo	918	3.1	2 134	5.0	369	8.6	5 092	7.4	115	18.8	299	18.6
Burt	501	4.4	1 027	4.5	256	11.9	2 367	1.6	53	16.8	213	24.3
Butler	690	3.7	1 111	4.3	379	8.9	2 636	8.2	81	21.8	151	15.4
Cass	547	6.0	646	8.8	238	14.0	1 645	5.0	85	27.5	125	24.3
Cedar	943	3.6	1 504	5.1	374	9.8	2 723	4.9	66	28.2	183	12.6
Chase	335	3.3	2 813	5.9	153	11.3	2 972	5.4	86	20.5	252	14.6
Cherry	500	4.1	1 577	4.5	384	5.1	7 051	1.7	127	10.6	725	2.6
Cheyenne	503	5.0	1 497	8.7	194	15.9	1 999	4.6	85	29.0	428	29.9
Clay	524	4.9	1 356	4.3	220	11.1	8 410	1.6	84	20.4	231	16.6
Colfax	608	3.2	1 070	3.7	188	11.8	4 478	.8	32	39.0	46	15.4
Cuming	952	2.5	1 900	3.6	407	8.0	6 273	.7	62	17.7	398	12.8
Custer	1 112	2.9	2 840	5.3	517	7.6	7 747	1.4	186	15.2	699	10.0
Dakota	255	6.4	399	5.8	149	12.3	1 056	4.7	37	31.4	88	24.4
Dawes	370	5.3	404	7.1	141	11.1	635	9.8	75	22.0	77	12.1
Dawson	757	2.6	2 754	2.4	395	5.8	9 990	2.1	138	11.4	520	8.3
Deuel	183	7.1	449	24.3	68	12.7	693	7.0	28	42.3	75	52.1
Dixon	555	4.1	1 757	2.3	276	11.1	8 459	1.6	46	28.7	225	69.2
Dodge	702	4.1	1 150	4.0	326	8.8	2 648	4.4	54	23.4	77	23.3
Douglas	287	5.5	413	4.8	130	15.3	1 789	11.8	30	28.6	111	10.1
Dundy	236	6.0	1 661	5.5	155	8.8	2 156	3.7	27	16.9	597	.2
Fillmore	519	3.6	1 732	6.8	281	9.2	5 398	2.6	58	19.2	307	5.0
Franklin	332	6.7	656	7.1	176	12.6	1 808	7.1	21	–	97	–
Frontier	355	4.9	1 098	10.8	164	9.7	1 209	5.0	59	25.8	150	46.7
Furnas	386	5.8	839	5.3	204	10.3	2 836	5.3	65	24.3	144	42.4
Gage	950	3.1	1 302	4.9	506	7.3	2 323	3.7	77	21.6	157	13.8
Garden	274	3.7	916	9.3	137	12.7	2 605	3.4	33	28.1	123	10.2
Garfield	174	11.7	157	13.4	53	29.1	711	2.7	28	44.2	46	23.4
Gosper	231	7.0	604	18.3	164	11.4	1 689	9.2	37	18.0	140	14.0
Grant	70	1.8	143	.6	49	1.5	913	.2	14	–	104	–
Greeley	302	7.2	498	8.6	119	18.6	1 116	5.0	47	32.3	104	49.2
Hall	627	3.9	1 875	6.7	250	9.0	4 717	6.4	97	20.5	226	27.5
Hamilton	548	3.8	1 438	3.5	327	6.9	3 216	4.6	78	19.5	94	6.0
Harlan	307	6.8	487	6.8	129	16.2	1 680	6.6	38	33.2	36	10.5
Hayes	230	6.4	793	7.1	67	11.7	1 097	7.8	18	35.5	29	46.5
Hitchcock	296	7.6	846	20.8	133	19.3	785	23.2	90	26.4	161	36.6
Holt	1 060	3.6	2 812	3.2	454	8.6	10 439	1.7	101	16.7	549	15.8
Hooker	65	1.4	106	.8	43	1.6	562	1.0	17	2.1	48	1.4
Howard	541	5.3	697	7.0	185	14.4	1 339	2.1	29	36.3	60	13.8
Jefferson	520	5.8	801	7.5	306	11.1	1 832	4.9	37	32.0	60	18.0
Johnson	398	6.4	401	11.9	148	17.4	936	18.1	22	50.7	61	11.4
Kearney	412	5.8	1 414	13.1	264	9.7	4 330	7.0	60	26.7	394	25.9
Keith	294	4.8	1 544	15.5	152	13.7	4 619	5.2	44	32.5	150	12.8
Keya Paha	184	5.3	275	13.9	67	15.6	533	6.7	29	28.6	37	7.6
Kimball	215	6.8	636	11.0	98	16.6	1 012	5.3	38	31.3	117	35.7
Knox	925	3.4	1 390	3.6	345	10.4	2 267	3.1	84	23.8	156	28.2
Lancaster	933	4.4	844	6.1	439	9.0	2 300	7.4	96	23.1	284	56.2
Lincoln	828	3.2	2 508	6.8	433	5.9	6 445	4.1	153	13.2	852	47.8
Logan	106	6.5	208	6.3	65	8.9	940	2.4	12	26.0	32	9.4
Loup	116	4.4	144	5.9	49	12.2	619	4.4	18	23.6	68	4.1
McPherson	102	4.4	101	4.6	62	7.6	498	3.1	17	21.0	19	4.6
Madison	698	3.9	1 061	5.6	270	9.2	2 496	5.7	58	25.8	143	11.5
Merrick	531	5.0	1 451	5.7	177	11.9	3 693	1.6	33	31.0	101	18.9
Morrill	361	6.5	1 845	6.7	184	11.5	4 241	2.5	94	19.2	296	9.8
Nance	382	4.9	512	7.5	98	18.1	705	4.2	39	27.6	81	9.7
Nemaha	402	5.3	479	6.3	215	10.2	1 091	6.5	72	22.2	151	28.1

See footnotes at end of table.

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

Geographic area	Farm production expenses¹—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	465	5.5	648	7.8	198	15.1	1 491	7.7	31	30.9	35	2.7
Otoe	603	4.7	677	7.7	247	10.9	1 862	10.4	72	27.9	145	23.7
Pawnee	315	9.1	347	11.6	207	13.9	507	22.7	51	42.2	89	38.1
Perkins	351	5.8	2 406	5.4	219	7.1	1 759	9.3	95	15.1	364	12.3
Phelps	513	3.6	1 529	4.4	265	9.0	4 858	3.9	70	23.2	189	24.8
Pierce	654	3.3	1 103	3.9	254	11.7	2 369	3.9	102	22.2	135	10.3
Platte	950	4.2	1 882	5.5	405	9.3	3 257	4.3	56	32.8	162	31.7
Polk	501	4.7	962	4.5	248	9.3	3 158	5.5	70	20.4	102	6.3
Red Willow	333	7.1	1 111	8.0	157	11.8	2 089	4.7	38	38.6	34	8.5
Richardson	542	5.8	493	5.6	253	11.7	1 544	11.3	136	18.7	294	30.8
Rock	205	6.4	429	8.2	116	10.8	1 264	4.4	30	27.2	159	12.3
Saline	607	4.7	711	7.8	222	13.9	1 448	13.5	32	41.6	40	10.7
Sarpy	281	6.1	379	11.6	126	14.1	1 212	5.5	21	36.4	79	34.2
Saunders	1 031	3.4	1 388	5.8	440	9.3	4 536	9.3	66	24.0	227	10.8
Scotts Bluff	553	5.4	936	6.3	353	7.8	6 473	5.3	219	11.9	1 010	12.7
Seward	717	4.0	1 018	5.9	367	9.0	2 514	3.3	91	20.0	365	34.6
Sheridan	553	4.8	1 292	9.8	259	9.5	3 706	3.7	91	18.9	469	22.4
Sherman	388	6.5	439	9.4	72	23.0	637	15.9	42	31.9	53	27.6
Sioux	232	7.9	380	10.0	109	9.2	1 650	6.3	63	13.1	248	30.5
Stanton	457	5.3	747	7.8	164	14.7	1 573	10.0	25	22.4	105	33.9
Thayer	533	4.3	797	6.5	172	13.4	2 326	5.7	95	20.3	100	11.4
Thomas	78	2.2	104	.9	42	2.3	427	.5	17	2.9	25	1.1
Thurston	325	4.4	573	5.3	215	9.3	1 312	8.6	72	32.6	122	35.4
Valley	385	6.7	548	7.1	150	15.4	1 804	6.3	21	23.5	89	44.1
Washington	584	4.2	865	3.7	297	9.8	2 849	6.0	41	30.2	51	8.1
Wayne	570	3.0	919	4.1	219	9.0	2 693	4.1	54	27.1	134	14.1
Webster	359	5.9	503	8.3	160	15.9	1 953	20.0	18	61.5	43	25.8
Wheeler	156	10.3	386	7.2	78	18.7	2 964	.2	25	39.0	114	6.6
York	617	4.7	1 562	11.8	262	11.1	3 206	3.4	103	22.3	419	19.2

Geographic area	Farm production expenses¹—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Nebraska	**47 373**	**1.5**	**329 031**	**1.1**	**26 103**	**1.8**	**103 389**	**2.1**	**33 420**	**1.6**	**380 597**	**1.1**
Adams	616	2.9	4 451	4.9	298	9.3	1 489	21.4	390	8.4	4 992	7.2
Antelope	827	3.5	5 768	5.2	467	8.0	1 909	11.2	646	5.4	7 817	5.3
Arthur	84	2.0	513	.7	30	2.0	178	3.8	63	2.1	639	1.2
Banner	193	3.1	2 152	9.5	90	14.2	911	20.7	109	14.6	1 800	8.3
Blaine	97	6.3	604	4.5	34	12.3	148	5.3	76	7.7	1 072	5.8
Boone	742	2.9	4 604	5.1	438	7.5	1 580	10.4	528	6.3	6 936	4.8
Box Butte	416	4.2	4 849	3.5	266	8.1	2 551	8.0	302	8.8	4 745	4.5
Boyd	327	5.5	1 397	7.1	164	15.7	207	18.6	253	9.0	1 510	11.2
Brown	317	2.4	2 208	3.0	133	14.2	1 010	17.7	203	6.2	3 110	8.0
Buffalo	1 005	2.7	6 849	5.0	544	7.2	1 865	12.8	717	5.1	7 119	5.9
Burt	553	3.3	4 427	6.7	333	10.2	969	10.7	319	9.5	3 172	5.3
Butler	767	2.7	4 389	5.7	409	8.2	961	7.4	541	6.4	4 391	6.4
Cass	637	4.2	3 504	6.2	223	14.2	1 079	27.6	411	8.5	3 792	11.2
Cedar	950	3.5	5 785	5.2	551	7.4	1 430	9.2	692	5.8	6 043	5.1
Chase	334	2.6	3 917	5.2	212	8.2	2 701	20.9	297	4.9	4 921	6.6
Cherry	571	3.9	6 094	3.4	173	9.2	1 007	5.0	480	5.0	6 619	2.7
Cheyenne	582	4.0	3 184	6.7	329	9.9	2 056	12.0	371	8.3	3 899	11.1
Clay	518	5.1	6 090	6.0	270	10.9	1 024	11.0	370	7.9	4 639	4.6
Colfax	636	2.8	3 816	4.1	358	8.0	1 027	16.0	427	6.9	4 921	4.8
Cuming	1 002	2.1	7 170	2.7	603	5.5	2 300	6.2	751	4.1	9 043	3.1
Custer	1 136	2.7	8 977	3.7	579	7.0	2 388	8.7	763	4.8	10 059	4.9
Dakota	223	8.2	1 423	5.9	193	9.4	1 038	15.9	172	12.3	1 840	7.0
Dawes	405	4.3	1 906	10.4	170	16.6	405	10.7	269	7.7	1 845	12.1
Dawson	759	3.0	7 920	3.6	443	5.8	2 981	6.2	572	4.3	9 133	4.0
Deuel	189	8.5	1 263	8.3	134	12.5	993	21.4	129	14.3	970	17.0
Dixon	543	4.7	4 615	5.6	364	9.2	575	14.4	382	9.2	3 470	10.9
Dodge	808	2.2	4 848	4.1	428	7.4	1 340	12.0	605	4.9	4 982	5.0
Douglas	345	4.6	1 842	6.3	213	11.8	399	19.1	171	14.2	1 220	11.0
Dundy	287	3.7	2 890	4.1	156	10.1	1 400	11.8	208	9.0	4 869	5.1
Fillmore	570	2.9	5 600	6.1	331	8.7	1 746	17.6	367	7.4	4 886	8.6
Franklin	392	5.6	3 171	6.9	292	9.3	883	9.9	260	9.4	3 095	7.5
Frontier	384	4.0	2 912	4.9	193	12.3	854	15.7	250	9.2	3 302	7.3
Furnas	412	4.9	3 183	5.8	280	8.7	947	11.9	322	7.1	4 785	6.4
Gage	1 053	2.3	5 906	5.1	575	6.7	1 411	14.0	771	4.5	6 183	6.1
Garden	269	4.4	2 271	8.9	126	12.6	912	11.1	160	12.5	1 927	4.5
Garfield	216	5.3	1 074	9.7	39	31.7	166	6.2	146	12.7	1 279	13.2
Gosper	240	5.4	2 323	8.0	158	11.3	906	26.6	205	8.2	2 433	9.8
Grant	77	1.9	588	.6	26	1.4	178	.1	59	1.9	680	.6
Greeley	375	4.3	2 297	7.7	221	12.6	808	17.7	275	7.9	2 396	11.3

See footnotes at end of table.

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

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

	Farm production expenses [1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
Geographic area	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	654	3.8	5 219	4.7	387	8.3	2 340	12.9	453	7.2	6 149	3.6
Hamilton	594	3.1	5 911	3.5	320	9.0	1 552	12.7	548	4.4	7 364	4.0
Harlan	347	3.3	2 403	8.5	208	11.1	825	19.6	226	8.9	3 267	7.6
Hayes	234	7.4	2 144	3.4	116	13.8	533	15.1	191	10.5	2 585	7.5
Hitchcock	371	2.1	2 037	8.7	219	7.9	791	29.0	246	9.5	2 437	15.8
Holt	1 166	2.9	8 889	3.3	527	8.8	3 127	10.1	855	5.4	10 257	4.3
Hooker	67	1.6	380	.8	21	1.2	85	.2	59	1.7	573	.9
Howard	590	3.3	2 917	7.3	326	9.4	888	13.7	415	7.4	3 364	6.7
Jefferson	616	3.7	3 840	7.2	357	9.8	748	11.5	420	7.5	4 029	14.3
Johnson	406	6.1	1 154	9.4	277	10.9	589	19.8	270	11.4	1 585	15.9
Kearney	447	4.4	4 522	6.3	239	11.7	1 659	19.6	350	6.9	5 930	7.2
Keith	307	4.8	2 796	6.0	199	11.7	1 544	12.5	222	9.5	3 519	5.0
Keya Paha	206	1.2	1 169	7.1	111	11.3	293	12.7	135	11.7	1 660	8.7
Kimball	248	6.0	1 242	6.4	128	12.4	929	17.2	185	8.3	1 625	9.4
Knox	953	3.2	5 439	4.7	517	7.9	1 349	8.6	685	5.8	5 688	5.5
Lancaster	1 191	2.6	4 862	5.6	506	8.4	1 050	12.4	675	6.4	4 613	9.9
Lincoln	877	2.7	7 266	3.6	429	7.4	2 876	14.5	670	4.9	9 638	4.2
Logan	102	5.9	921	3.4	67	9.4	319	10.8	80	7.6	1 099	6.0
Loup	123	4.1	710	6.4	69	8.8	162	15.0	99	6.5	919	9.4
McPherson	108	3.6	630	4.0	37	13.4	123	6.2	83	6.6	796	5.8
Madison	743	3.2	4 753	5.2	401	8.3	1 088	7.8	550	5.9	5 272	5.5
Merrick	559	4.3	4 462	4.4	345	9.5	984	7.9	427	6.8	5 267	5.3
Morrill	411	3.7	3 256	3.9	267	7.7	1 382	6.5	300	7.2	4 292	4.0
Nance	379	6.5	2 502	10.0	262	10.8	615	14.5	255	10.4	3 007	8.3
Nemaha	450	3.7	2 412	5.9	319	7.5	926	11.6	284	8.3	2 823	8.5
Nuckolls	473	5.2	2 675	5.0	298	10.6	726	15.6	384	7.6	3 253	8.3
Otoe	693	3.7	3 651	6.1	335	9.6	751	15.9	396	8.4	2 935	13.9
Pawnee	367	7.9	1 816	9.7	183	15.3	380	18.4	297	10.3	1 561	6.5
Perkins	404	5.2	3 181	4.0	312	8.2	2 247	9.6	313	7.6	3 413	6.4
Phelps	523	3.2	5 583	3.9	355	7.8	2 440	9.6	416	5.9	9 283	7.4
Pierce	700	3.1	4 878	5.2	414	8.8	989	7.3	530	5.9	4 723	6.1
Platte	1 005	3.6	7 054	8.9	498	8.3	1 476	11.7	741	5.5	9 823	9.6
Polk	597	2.2	4 447	4.5	355	7.5	1 051	13.3	420	6.4	4 498	6.5
Red Willow	388	5.0	2 826	10.7	255	9.4	1 034	10.8	283	7.9	4 297	7.1
Richardson	625	4.2	3 093	7.4	387	8.2	1 286	17.4	387	8.2	3 205	9.3
Rock	273	4.0	2 012	6.6	57	18.8	373	13.9	188	8.7	2 278	5.7
Saline	678	3.6	3 295	6.6	447	8.2	813	15.0	357	9.5	3 810	15.2
Sarpy	310	4.6	1 536	6.5	175	12.7	471	19.9	188	11.2	2 047	8.1
Saunders	1 112	2.8	5 675	5.7	542	7.7	1 067	11.2	712	5.1	6 401	8.8
Scotts Bluff	716	3.4	4 695	5.7	364	8.9	1 561	8.8	511	6.5	5 494	6.0
Seward	785	3.3	4 594	5.7	431	8.3	1 667	12.2	567	6.1	4 575	8.4
Sheridan	600	3.4	3 965	6.4	363	6.9	1 298	11.2	361	8.8	3 201	6.3
Sherman	450	3.8	2 415	10.4	259	9.2	1 590	55.1	321	7.6	3 088	8.8
Sioux	293	4.3	1 764	3.8	82	13.5	430	11.1	215	8.5	2 277	5.7
Stanton	524	2.8	3 204	8.5	288	8.7	886	15.2	344	7.5	3 779	8.1
Thayer	574	3.2	4 227	5.3	391	7.1	1 562	21.2	456	5.5	5 133	6.4
Thomas	81	2.2	396	.6	22	2.4	62	5.5	61	2.5	545	1.0
Thurston	333	5.3	2 094	11.0	247	8.0	678	10.3	280	8.2	2 064	5.6
Valley	430	5.3	3 010	9.8	208	13.4	588	12.6	282	10.6	2 972	10.3
Washington	634	3.2	3 808	6.8	354	8.7	531	12.9	384	6.4	3 951	10.8
Wayne	588	2.6	3 818	5.8	358	7.5	1 114	8.8	421	6.1	4 408	5.1
Webster	392	4.0	3 325	6.4	191	13.1	846	15.5	256	7.6	3 750	12.8
Wheeler	162	7.9	1 390	6.7	106	15.5	597	3.6	123	13.9	7 669	3.4
York	657	4.0	5 985	4.4	326	9.4	1 369	9.3	511	5.6	7 865	6.6

	Farm production expenses [1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
Geographic area	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	**19 285**	**1.8**	**261 509**	**1.5**	**47 454**	**1.4**	**182 849**	**1.2**	**50 950**	**1.5**	**450 793**	**.9**
Adams	216	12.0	3 027	9.1	563	4.2	2 177	8.5	644	2.0	6 783	5.0
Antelope	303	10.8	2 636	8.7	789	4.0	3 030	6.5	842	3.1	6 625	4.6
Arthur	41	2.2	600	2.6	84	2.1	464	.6	92	2.0	1 185	.4
Banner	67	17.2	919	9.7	190	2.9	940	5.8	200	1.1	2 492	9.0
Blaine	57	9.2	1 177	3.9	107	4.3	631	3.6	112	3.7	1 509	2.4
Boone	272	11.4	4 434	14.6	711	3.6	2 693	6.1	759	2.6	6 142	5.2
Box Butte	173	14.6	2 392	7.7	433	5.4	2 036	4.8	481	3.7	6 757	3.8
Boyd	125	16.8	832	16.9	337	6.1	656	12.9	375	4.1	1 798	6.0
Brown	142	10.9	2 688	9.8	262	6.8	1 045	5.2	311	3.2	4 061	3.7
Buffalo	306	10.9	5 980	13.9	991	3.0	3 348	7.3	1 061	2.2	7 750	3.9
Burt	276	11.1	3 600	10.7	506	4.9	2 003	7.4	581	1.9	5 805	4.8
Butler	233	11.5	3 316	8.0	697	3.8	2 662	7.0	785	2.3	5 768	5.2
Cass	202	13.8	2 104	8.7	693	3.0	2 631	8.6	704	2.8	3 921	4.2
Cedar	422	8.2	5 543	6.1	958	3.6	2 389	5.7	980	3.2	7 871	5.1

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

APPENDIX C   C–21

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

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

Geographic area	Farm production expenses [1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Chase	141	7.0	4 359	18.1	327	4.2	2 020	7.8	360	2.2	5 407	2.7
Cherry	300	7.6	5 031	3.7	607	3.2	3 844	1.8	650	2.2	9 835	1.8
Cheyenne	134	18.3	1 101	16.3	562	4.6	2 310	8.3	598	2.9	4 370	9.1
Clay	246	10.7	4 664	10.3	552	3.7	2 599	6.9	592	2.8	7 711	3.5
Colfax	229	8.5	3 579	16.6	620	3.0	1 690	7.0	635	2.3	7 196	3.1
Cuming	479	7.0	5 767	7.0	993	2.2	3 223	3.9	1 059	1.4	11 283	2.2
Custer	553	6.8	8 064	6.3	1 154	2.6	5 190	3.9	1 293	1.5	12 114	6.8
Dakota	139	14.4	1 868	13.6	263	5.5	1 146	6.5	296	2.0	2 101	5.1
Dawes	169	14.4	1 402	15.7	414	3.4	942	7.7	435	2.7	2 102	8.9
Dawson	422	7.0	11 476	5.7	785	2.6	3 705	5.7	830	1.8	14 821	2.4
Deuel	61	25.5	507	20.7	189	6.9	992	11.2	236	3.0	1 110	8.0
Dixon	186	16.5	1 801	13.1	571	4.1	2 266	6.3	591	3.0	5 001	6.4
Dodge	316	8.6	4 333	10.1	776	3.0	2 801	5.8	844	1.6	6 120	4.0
Douglas	121	16.2	1 491	13.4	344	4.7	999	10.1	349	3.4	2 100	4.6
Dundy	91	10.3	1 645	6.7	263	5.0	2 000	5.1	300	2.2	4 954	2.8
Fillmore	288	8.4	5 165	8.0	540	3.8	2 547	5.6	602	1.9	7 597	3.3
Franklin	143	15.5	1 755	19.9	372	6.5	1 770	7.8	424	3.7	3 525	5.5
Frontier	157	13.5	2 463	13.7	394	3.2	2 235	6.6	420	1.6	3 194	5.6
Furnas	176	12.2	2 377	7.9	426	4.2	1 537	7.3	442	3.5	5 061	5.7
Gage	438	7.9	3 735	11.1	1 050	2.3	3 653	5.6	1 116	1.6	6 307	4.5
Garden	147	11.0	1 793	8.3	279	4.0	1 856	5.3	289	2.4	4 046	3.2
Garfield	72	25.5	995	13.8	206	6.4	537	12.7	228	2.4	2 027	10.4
Gosper	176	9.7	3 201	14.1	223	6.6	1 274	13.9	266	4.1	3 059	7.6
Grant	34	1.9	402	1.0	77	1.8	585	.4	81	1.8	1 003	.3
Greeley	163	14.1	1 712	17.8	348	5.4	1 403	8.2	393	2.9	2 829	11.0
Hall	313	8.2	5 241	7.9	632	4.1	2 275	5.8	700	2.8	7 137	4.2
Hamilton	299	8.8	5 107	16.5	569	4.0	3 341	5.5	639	2.0	8 401	3.3
Harlan	137	15.7	1 142	10.7	352	4.7	1 800	11.2	373	3.0	4 156	3.9
Hayes	112	16.6	928	8.7	245	6.2	1 185	8.2	273	2.2	4 574	2.8
Hitchcock	76	18.7	870	11.2	328	6.0	1 281	12.5	371	2.5	2 633	10.7
Holt	438	9.2	8 704	8.7	1 103	3.1	3 758	4.5	1 202	2.6	11 127	3.6
Hooker	39	1.2	374	.2	66	1.8	290	.4	74	1.6	718	1.1
Howard	236	12.0	2 239	17.5	543	4.8	1 878	9.5	616	3.7	3 740	5.2
Jefferson	249	12.4	2 605	10.9	579	4.7	2 569	9.5	673	2.0	4 667	13.6
Johnson	136	17.8	555	19.4	446	4.3	1 112	7.8	454	4.0	1 858	5.4
Kearney	203	12.7	3 097	16.2	445	3.7	2 191	10.6	495	1.9	7 227	4.1
Keith	110	15.4	2 412	5.2	318	4.4	1 882	10.6	339	2.4	4 788	7.8
Keya Paha	79	14.9	1 202	11.3	186	1.1	691	5.1	197	4.3	1 868	10.7
Kimball	71	19.9	600	16.8	274	3.6	1 065	11.0	281	3.0	1 777	6.9
Knox	336	9.9	2 449	10.7	1 011	2.6	2 884	5.4	1 068	1.8	7 146	5.2
Lancaster	355	9.3	2 589	14.7	1 281	1.9	3 710	5.5	1 245	2.1	4 886	8.1
Lincoln	406	7.1	6 753	8.8	925	2.0	4 242	4.4	1 009	1.5	11 177	3.3
Logan	55	10.0	1 146	6.6	124	4.0	693	3.3	128	3.3	1 400	3.1
Loup	56	10.9	692	9.5	118	4.5	626	7.1	128	3.0	1 604	9.3
McPherson	55	7.5	767	5.5	113	3.6	387	3.7	117	2.7	1 055	4.5
Madison	335	8.6	4 167	9.4	752	3.2	2 198	6.2	785	2.3	5 220	3.1
Merrick	273	11.9	3 176	12.5	583	3.2	2 347	7.6	605	2.4	5 967	6.3
Morrill	144	16.0	2 315	9.3	416	3.5	1 765	6.3	447	1.9	5 678	2.7
Nance	142	11.7	2 933	19.6	425	3.6	1 405	7.8	427	3.6	3 638	5.0
Nemaha	152	15.3	1 443	14.7	468	4.1	1 561	9.3	480	2.3	2 769	6.0
Nuckolls	220	13.8	1 895	11.5	490	4.7	1 944	8.5	527	3.0	2 758	3.6
Otoe	235	12.1	1 183	15.9	694	3.3	2 228	7.6	758	2.5	4 444	4.4
Pawnee	157	17.9	965	19.4	387	7.6	1 376	8.2	442	4.1	1 845	6.7
Perkins	187	9.8	3 339	14.7	403	3.8	1 840	4.4	457	2.0	4 235	4.0
Phelps	268	9.8	6 216	8.2	479	5.1	2 919	8.9	564	1.7	9 314	3.1
Pierce	266	11.3	3 081	18.5	674	3.3	2 196	6.2	675	3.3	5 463	3.8
Platte	468	8.3	5 596	6.4	1 039	3.4	3 509	6.8	1 077	3.0	7 758	3.4
Polk	194	12.7	3 005	15.2	549	3.7	2 121	8.3	616	1.7	5 116	3.1
Red Willow	139	11.1	1 453	7.9	395	3.8	1 992	5.9	425	1.9	4 411	6.8
Richardson	176	14.5	1 050	12.9	642	3.8	1 885	7.2	704	2.6	3 064	4.1
Rock	150	11.8	2 074	9.6	276	4.1	1 168	4.7	305	1.9	2 935	4.3
Saline	265	12.3	2 546	16.6	666	4.1	2 052	6.3	696	3.2	3 205	5.7
Sarpy	123	13.0	1 322	14.1	329	4.3	988	11.0	348	3.3	1 790	6.1
Saunders	440	9.0	4 821	8.1	1 090	3.1	3 860	7.6	1 158	2.4	5 595	3.9
Scotts Bluff	244	11.0	2 836	16.0	717	3.7	2 341	6.1	794	2.1	7 379	3.9
Seward	253	10.8	2 821	12.8	793	3.1	2 564	5.2	849	2.3	4 910	4.9
Sheridan	236	10.9	2 760	7.8	593	3.2	1 934	5.7	658	1.7	5 792	4.2
Sherman	144	19.2	1 218	7.2	446	3.9	1 539	8.0	474	2.5	3 303	10.3
Sioux	121	12.8	1 508	6.8	294	3.6	856	4.5	327	1.0	2 479	5.8
Stanton	236	11.0	2 195	18.8	521	3.0	1 516	7.4	539	2.2	3 954	5.9
Thayer	177	12.7	2 779	10.6	595	2.4	2 913	7.1	591	2.3	4 587	8.6
Thomas	38	1.8	474	.5	88	2.3	344	.8	96	2.3	580	.6
Thurston	239	7.4	3 286	6.5	370	3.1	1 048	6.0	386	2.0	2 659	6.2
Valley	188	15.2	2 424	17.4	435	4.7	1 661	12.5	478	3.4	4 257	7.7
Washington	286	9.8	3 756	9.7	675	2.8	2 032	5.6	686	2.4	4 671	4.7
Wayne	294	8.4	3 894	6.7	585	2.8	1 715	7.0	604	2.4	4 732	3.2
Webster	163	15.9	1 957	23.6	419	4.0	1 348	13.1	419	3.3	3 961	3.7
Wheeler	61	23.2	862	6.2	181	6.3	761	10.2	182	6.4	10 608	1.7
York	294	10.0	6 751	9.5	671	3.9	3 234	5.7	733	2.2	6 435	3.4

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 16
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

[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	**52 920**	**1.4**	**1 462 607**	**1.0**	**46 348**	**1.4**	**22 402 132**	**1.0**	**43 879**	**1.4**	**16 146 818**	**.9**
Adams	657	1.5	23 444	6.1	605	1.3	290 442	1.1	584	1.4	238 108	1.0
Antelope	890	2.6	23 227	6.7	786	2.5	367 527	1.8	734	2.5	284 044	1.7
Arthur	93	2.0	2 735	.7	71	1.4	49 270	1.3	65	1.5	33 567	1.0
Banner	200	1.1	4 018	17.6	177	1.0	197 571	.7	159	1.1	81 734	.7
Blaine	116	2.6	3 250	5.5	80	2.1	55 588	1.3	72	2.1	42 371	.6
Boone	787	2.1	15 024	10.0	701	1.8	323 129	1.3	677	1.9	241 939	1.2
Box Butte	515	1.5	19 625	4.9	458	1.4	380 072	1.0	429	1.4	215 832	.8
Boyd	395	3.1	5 362	12.2	328	3.2	133 908	2.9	312	3.2	96 627	2.7
Brown	332	1.0	7 028	10.1	273	1.1	136 630	1.0	246	1.2	98 107	.8
Buffalo	1 097	1.8	29 523	4.9	934	1.7	381 367	1.4	883	1.7	280 579	1.3
Burt	588	1.5	22 926	4.5	532	1.4	245 606	1.2	511	1.4	209 619	1.1
Butler	805	1.9	22 724	5.8	734	1.8	293 645	1.3	705	1.8	247 309	1.3
Cass	720	2.5	18 892	7.5	648	2.5	257 741	1.9	611	2.5	225 912	1.9
Cedar	1 040	2.7	25 286	5.5	892	2.8	359 396	2.2	844	2.8	278 974	2.1
Chase	367	1.5	8 148	7.8	329	1.1	319 652	.6	309	1.2	205 219	.6
Cherry	676	.8	23 765	3.8	495	.8	407 033	.4	452	.7	348 505	.2
Cheyenne	667	1.4	7 528	15.6	620	1.4	570 726	1.1	588	1.5	248 961	1.1
Clay	593	2.8	27 729	3.4	531	2.4	296 167	1.7	517	2.4	251 559	1.6
Colfax	693	1.2	24 942	6.3	608	1.8	203 808	1.3	584	1.8	177 389	1.3
Cuming	1 079	.9	79 137	1.6	931	.9	295 877	.7	909	.9	261 363	.7
Custer	1 321	1.2	19 947	11.4	1 041	1.3	485 982	.9	974	1.3	333 526	.7
Dakota	296	2.0	6 652	9.3	268	1.4	121 499	1.0	249	1.5	99 048	1.0
Dawes	446	1.5	5 734	11.1	378	1.4	190 954	1.3	343	1.4	92 188	1.0
Dawson	876	1.0	26 672	6.8	726	1.2	351 832	.9	688	1.2	268 445	.7
Deuel	244	1.4	326	(H)	232	1.2	216 167	1.0	207	1.3	90 898	1.1
Dixon	609	2.4	20 420	4.8	542	2.0	202 412	1.6	498	2.0	140 101	1.4
Dodge	855	.9	28 746	4.6	759	1.0	275 491	.7	737	1.0	254 288	.7
Douglas	388	1.1	9 312	6.3	336	1.0	86 141	1.4	309	1.1	77 762	1.3
Dundy	308	1.5	13 491	4.8	283	1.2	230 003	.8	259	1.3	136 789	.8
Fillmore	636	1.5	27 166	4.0	587	1.4	313 099	1.0	580	1.4	269 331	1.0
Franklin	444	2.6	11 748	7.5	377	3.0	191 138	2.6	349	3.1	135 858	2.3
Frontier	420	1.6	8 072	12.6	373	1.5	231 617	1.2	362	1.5	149 321	1.1
Furnas	459	3.0	15 105	5.6	410	2.9	287 315	2.1	399	2.9	171 580	1.9
Gage	1 140	1.4	24 239	5.9	1 025	1.5	410 715	1.2	987	1.5	322 637	1.2
Garden	297	2.0	5 936	12.4	257	2.2	213 111	1.8	239	2.3	127 635	1.4
Garfield	228	2.4	4 981	15.4	176	3.0	89 449	2.2	158	3.0	58 053	1.6
Gosper	282	1.4	5 639	14.1	236	1.3	141 974	1.4	219	1.4	95 370	1.2
Grant	82	1.8	2 522	.9	60	1.3	71 395	.3	55	1.3	45 874	.2
Greeley	393	2.9	8 153	11.1	334	1.9	156 797	1.5	323	1.9	102 075	1.4
Hall	743	1.6	18 503	6.3	647	1.6	255 814	1.1	619	1.6	212 835	1.1
Hamilton	664	1.4	28 631	3.9	606	1.5	297 044	1.1	597	1.5	257 399	1.1
Harlan	385	2.2	17 485	7.1	345	2.2	209 297	1.9	319	2.3	133 176	1.8
Hayes	273	2.2	13 130	5.5	228	1.7	195 200	1.2	211	1.6	101 039	1.2
Hitchcock	379	1.4	6 432	17.8	331	1.5	250 985	1.3	314	1.5	126 259	1.1
Holt	1 265	2.2	29 621	6.6	1 064	1.7	651 450	1.2	971	1.7	467 424	1.0
Hooker	76	1.6	1 146	1.6	39	1.1	14 796	.2	30	–	12 140	–
Howard	658	2.0	9 806	12.3	581	2.0	210 137	1.6	554	1.9	150 784	1.5
Jefferson	683	1.4	13 244	7.1	614	1.5	256 301	1.3	583	1.5	193 913	1.3
Johnson	488	2.4	6 550	15.0	440	2.7	141 208	3.0	415	2.8	84 960	3.1
Kearney	502	1.5	26 660	8.8	459	1.3	263 573	1.0	449	1.3	218 715	1.0
Keith	347	1.3	12 519	9.8	295	1.3	246 494	1.0	272	1.3	143 477	.8
Keya Paha	206	1.2	3 949	14.2	168	1.6	116 778	1.1	160	1.5	82 736	1.0
Kimball	293	1.4	3 343	18.9	259	1.2	337 887	.8	241	1.3	135 411	.8
Knox	1 086	1.6	27 758	5.1	949	1.7	363 369	1.5	891	1.7	244 677	1.4
Lancaster	1 362	.9	17 755	9.6	1 198	.9	349 904	1.0	1 129	.9	278 854	1.0
Lincoln	1 031	1.0	24 088	5.1	825	1.2	464 028	.8	740	1.2	300 328	.8
Logan	133	2.3	2 408	7.0	103	2.4	56 642	1.8	84	2.7	39 578	1.6
Loup	134	2.3	2 444	8.9	112	2.0	50 475	1.9	111	2.0	38 793	1.8
McPherson	121	1.7	2 076	8.5	85	1.4	45 766	.9	80	1.4	32 992	1.0
Madison	825	1.9	20 297	5.7	738	1.6	273 955	1.2	679	1.6	227 889	1.2
Merrick	617	2.2	20 351	6.8	562	2.0	234 809	1.5	541	2.0	191 996	1.4
Morrill	458	1.4	18 133	3.9	392	1.5	224 206	1.0	372	1.5	154 075	.8
Nance	440	3.1	9 657	10.4	401	2.9	171 331	2.3	387	2.9	120 832	2.4
Nemaha	511	1.9	14 546	5.6	473	1.6	189 314	1.4	454	1.6	155 882	1.4
Nuckolls	541	2.6	10 344	9.9	483	2.6	255 048	2.2	468	2.7	175 446	2.0
Otoe	804	1.7	19 814	5.7	738	1.4	269 908	1.3	698	1.4	218 718	1.3
Pawnee	463	3.0	7 012	12.0	418	1.8	157 642	1.6	399	1.9	96 255	1.5
Perkins	479	1.2	5 986	13.9	452	1.2	450 965	.7	431	1.2	242 334	.7
Phelps	578	1.1	31 669	5.9	530	1.3	308 022	.8	514	1.3	255 245	.8
Pierce	726	2.4	19 916	7.6	646	2.3	255 242	1.8	623	2.3	205 827	1.7
Platte	1 098	2.7	34 593	5.8	966	2.6	353 565	2.0	938	2.7	310 809	2.0
Polk	625	1.3	20 041	5.1	565	1.4	218 029	1.2	554	1.4	186 821	1.2
Red Willow	425	1.9	9 914	9.3	361	1.9	254 350	1.5	340	1.9	156 775	1.3
Richardson	712	2.3	13 798	7.0	655	2.5	237 876	2.1	627	2.5	186 745	2.0
Rock	311	1.3	9 128	6.5	258	1.4	198 465	1.0	219	1.5	127 847	.8
Saline	742	2.5	15 611	8.4	673	2.6	264 736	2.5	657	2.6	213 172	2.4
Sarpy	362	1.6	8 703	7.0	330	1.5	94 534	1.6	320	1.5	85 411	1.7
Saunders	1 234	1.4	35 997	5.0	1 139	1.8	383 206	1.4	1 084	1.8	339 952	1.4
Scotts Bluff	820	1.7	31 751	3.7	730	1.5	240 349	1.2	681	1.6	184 496	1.2

See footnotes at end of table.

1992 CENSUS OF AGRICULTURE

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 17
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

Geographic area	Net cash return from agricultural sales for the farm unit (see text)[1] — Farms Number	Farms Relative standard error of estimate (percent)	Value Total ($1,000)	Value Relative standard error of estimate (percent)	Total cropland — Farms Number	Farms Relative standard error of estimate (percent)	Acres Number	Acres Relative standard error of estimate (percent)	Harvested cropland — Farms Number	Farms Relative standard error of estimate (percent)	Acres Number	Acres Relative standard error of estimate (percent)
Seward	879	1.6	24 401	4.4	777	1.3	274 777	1.1	738	1.3	230 961	1.1
Sheridan	659	1.7	12 473	5.7	549	1.4	365 335	1.0	505	1.4	184 101	.8
Sherman	499	1.7	3 845	29.3	410	1.9	171 304	1.9	385	1.9	99 771	1.9
Sioux	327	1.0	9 526	3.8	251	1.2	91 773	1.1	232	1.3	61 545	1.0
Stanton	557	1.4	16 463	6.7	509	1.2	176 127	1.2	469	1.2	136 584	1.1
Thayer	623	1.5	7 312	14.4	572	1.8	282 991	1.5	562	1.8	220 458	1.4
Thomas	97	2.3	1 754	1.1	53	2.1	14 193	3.7	43	2.2	8 976	.5
Thurston	386	2.0	11 629	9.0	360	1.7	179 441	1.1	336	1.7	143 354	1.1
Valley	488	2.9	11 777	8.8	409	2.6	170 462	2.2	385	2.6	102 962	1.9
Washington	727	1.6	24 047	4.3	647	1.3	205 244	1.3	612	1.4	182 881	1.2
Wayne	630	1.5	18 016	3.8	582	1.3	221 478	1.0	534	1.3	182 030	1.0
Webster	449	1.9	14 779	10.1	380	1.6	194 601	1.5	360	1.7	128 593	1.3
Wheeler	200	1.6	3 892	19.0	156	1.6	104 598	1.4	146	1.7	66 467	1.1
York	765	1.8	38 708	4.4	702	1.6	304 862	1.2	690	1.6	267 621	1.2

Geographic area	Irrigated land — Farms Number	Farms Relative standard error of estimate (percent)	Acres Number	Acres Relative standard error of estimate (percent)	Livestock and poultry — Cattle and calves inventory — Farms Number	Farms Relative standard error of estimate (percent)	Total Number	Total Relative standard error of estimate (percent)	Beef cows inventory — Farms Number	Farms Relative standard error of estimate (percent)	Total Number	Total Relative standard error of estimate (percent)
Nebraska	**19 328**	**1.3**	**6 311 633**	**.8**	**30 421**	**1.4**	**5 952 880**	**.5**	**24 270**	**1.4**	**1 857 347**	**.8**
Adams	471	1.5	164 399	1.0	293	1.6	75 026	.4	253	1.8	9 335	2.0
Antelope	477	2.4	162 014	1.6	570	2.5	83 535	1.4	368	3.0	21 319	2.4
Arthur	29	2.0	8 656	3.1	78	1.2	35 594	.4	74	1.3	19 833	.7
Banner	66	2.1	19 442	1.5	113	1.6	40 678	.6	98	1.7	10 911	1.5
Blaine	27	1.7	7 687	.9	96	2.2	39 716	.6	89	2.2	19 041	.6
Boone	364	2.0	116 578	1.3	487	1.7	75 756	.8	358	1.9	22 975	1.3
Box Butte	274	1.5	130 163	.8	244	1.6	68 307	.4	190	1.7	(D)	(D)
Boyd	20	7.1	4 129	6.4	314	3.1	43 043	2.4	274	3.2	19 184	2.6
Brown	144	1.8	49 143	1.2	229	1.3	84 398	.5	185	1.6	29 381	.9
Buffalo	681	2.0	208 166	1.3	658	1.8	105 774	1.0	547	1.9	35 912	1.5
Burt	131	2.2	34 348	1.8	214	1.8	33 080	1.1	145	2.3	6 525	2.0
Butler	270	2.1	82 362	1.4	425	1.6	34 057	1.0	356	1.8	11 087	1.5
Cass	17	7.6	2 381	4.7	355	2.7	21 643	2.2	300	2.9	7 400	2.7
Cedar	170	2.7	51 170	1.8	698	2.9	90 611	1.8	473	3.1	19 893	2.8
Chase	239	1.2	158 256	.6	182	1.4	57 118	.6	147	1.7	(D)	(D)
Cherry	99	1.2	31 498	.5	604	.8	317 731	.2	573	.8	169 536	.2
Cheyenne	171	2.2	44 654	1.6	254	1.5	57 135	.5	192	1.7	12 557	1.2
Clay	429	2.5	174 193	1.5	239	3.0	50 374	.8	199	3.3	(D)	(D)
Colfax	159	2.2	41 032	1.3	364	1.8	82 454	.5	232	2.2	6 537	2.2
Cuming	120	1.7	26 333	.8	564	1.0	216 895	.2	318	1.5	20 007	.9
Custer	560	1.3	180 812	.7	1 008	1.4	246 905	.7	873	1.4	90 391	1.0
Dakota	28	3.4	13 669	1.3	129	2.2	11 314	1.7	107	2.5	5 199	1.7
Dawes	84	2.2	14 515	1.9	344	1.5	55 679	.7	320	1.5	30 642	.9
Dawson	587	1.2	207 559	.8	487	1.3	217 793	.3	390	1.5	38 388	1.1
Deuel	51	2.9	16 423	2.3	74	2.6	9 704	1.9	64	2.9	(D)	(D)
Dixon	36	4.3	8 341	3.2	346	2.1	45 164	1.1	272	2.3	9 785	2.2
Dodge	244	1.4	69 600	1.1	324	1.4	38 209	.6	207	1.7	5 875	1.6
Douglas	62	2.9	13 108	2.6	104	2.5	11 972	1.1	66	3.4	1 766	4.7
Dundy	188	1.4	89 431	.8	196	1.4	73 040	.4	165	1.6	16 690	.9
Fillmore	410	1.6	172 827	1.0	268	1.8	30 072	1.2	213	2.1	6 689	2.4
Franklin	247	3.2	73 268	2.2	277	3.1	40 997	1.9	247	3.2	18 789	2.2
Frontier	196	1.8	54 024	1.4	325	1.6	52 761	1.1	313	1.6	30 528	1.1
Furnas	194	3.1	42 528	2.3	318	2.9	50 283	1.5	270	3.1	17 123	2.3
Gage	204	1.9	41 081	1.6	664	1.5	46 149	1.2	451	1.8	13 003	2.0
Garden	109	2.7	30 958	1.5	171	2.1	73 899	.8	149	2.1	34 554	.7
Garfield	67	4.5	10 405	3.3	181	2.9	48 593	1.3	158	3.1	17 968	2.0
Gosper	164	1.8	60 387	1.4	184	1.6	35 949	1.4	167	1.8	(D)	(D)
Grant	9	–	1 970	–	75	1.0	39 110	.2	70	1.1	(D)	(D)
Greeley	207	2.0	58 882	1.5	287	2.0	43 936	1.5	256	2.2	20 450	1.8
Hall	538	1.6	181 782	1.1	317	1.8	75 910	.5	222	2.1	11 482	1.3
Hamilton	517	1.6	215 282	1.1	250	1.8	37 500	.8	188	2.2	6 637	2.3
Harlan	208	2.4	61 210	1.6	247	2.4	50 400	1.0	211	2.6	14 709	1.8
Hayes	109	2.1	32 236	2.0	186	1.8	66 315	.5	170	1.9	17 832	1.1
Hitchcock	128	2.2	26 257	1.8	248	1.7	31 979	1.3	206	1.9	13 279	1.6
Holt	457	1.7	222 767	.9	938	1.6	203 636	.8	781	1.6	92 129	.9
Hooker	13	–	3 149	–	64	.8	21 551	.3	57	1.2	11 181	.3
Howard	395	2.1	100 848	1.6	457	2.0	63 433	1.3	356	2.1	18 852	2.0
Jefferson	202	1.6	51 536	1.3	396	1.6	30 160	1.2	313	1.9	9 519	1.8
Johnson	51	5.6	8 496	5.1	320	2.8	19 160	3.3	281	3.0	9 008	3.5
Kearney	393	1.4	175 815	.9	227	1.7	60 009	.7	172	2.0	(D)	(D)
Keith	161	1.8	77 983	1.1	179	1.7	69 393	.5	154	1.9	23 070	1.1
Keya Paha	42	3.3	11 996	4.3	177	1.5	48 301	1.1	160	1.6	23 524	1.4
Kimball	83	2.3	20 095	1.6	132	1.8	18 728	.9	114	2.0	8 206	.9
Knox	168	2.3	32 056	1.9	833	1.7	119 360	1.2	645	1.9	37 240	1.7

See footnotes at end of table.

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

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
					Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Lancaster	108	2.5	12 571	2.9	626	1.2	30 535	1.4	490	1.3	12 062	1.4
Lincoln	455	1.4	178 862	1.0	658	1.0	167 703	.4	588	1.1	67 389	.6
Logan	50	3.5	15 801	2.3	109	2.3	32 327	1.2	95	2.6	16 229	1.1
Loup	54	3.2	10 755	3.0	116	1.9	39 089	1.2	107	2.0	18 021	1.4
McPherson	34	1.9	9 343	1.6	100	1.1	35 269	.5	89	1.3	17 037	.5
Madison	243	1.9	64 273	1.3	448	1.8	62 062	1.1	303	2.0	12 516	1.9
Merrick	474	2.1	164 589	1.4	337	2.0	74 053	.6	263	2.3	13 467	1.6
Morrill	314	1.7	108 370	1.1	290	1.5	129 094	.3	250	1.7	34 042	.8
Nance	178	3.3	44 367	2.5	294	3.0	41 840	1.7	254	3.3	14 076	2.9
Nemaha	14	4.6	2 403	.9	287	1.8	18 899	1.7	244	1.9	6 856	2.0
Nuckolls	155	2.9	42 369	2.2	368	2.8	38 805	2.2	313	2.9	15 950	2.7
Otoe	28	5.4	2 897	6.2	469	1.4	25 163	1.4	379	1.6	9 511	1.7
Pawnee	10	7.0	3 255	1.4	313	1.6	24 469	1.4	267	1.7	10 450	1.7
Perkins	215	1.6	107 459	.8	172	1.6	21 948	.8	137	1.8	8 870	1.1
Phelps	475	1.4	219 586	.8	264	1.5	121 947	.4	181	1.8	19 354	.8
Pierce	279	2.3	87 444	1.4	455	2.4	67 155	1.3	300	2.9	13 423	2.4
Platte	451	2.9	117 963	2.1	537	2.6	75 974	1.2	353	3.1	16 081	2.4
Polk	367	1.6	100 412	1.3	283	1.6	54 257	.6	219	1.8	11 817	1.3
Red Willow	161	2.3	42 309	2.0	257	2.0	52 241	.8	215	2.2	15 850	1.4
Richardson	16	7.6	2 470	7.1	398	2.7	25 445	2.6	322	2.9	9 269	3.1
Rock	84	2.7	41 563	2.0	224	1.3	95 906	.5	204	1.4	35 342	.7
Saline	259	3.0	63 684	2.4	415	2.9	24 020	2.3	359	3.0	8 833	2.7
Sarpy	29	5.0	4 552	4.5	137	2.4	20 986	.7	94	3.1	2 636	2.9
Saunders	250	1.8	63 395	1.2	505	1.8	58 192	.8	395	2.0	12 320	1.7
Scotts Bluff	693	1.6	181 196	1.3	338	1.8	115 399	.4	236	2.3	15 103	1.8
Seward	291	1.6	84 987	1.1	418	1.5	34 736	1.0	325	1.7	8 376	2.2
Sheridan	178	1.9	53 623	1.4	507	1.6	131 214	.7	454	1.6	67 042	.8
Sherman	215	2.2	52 698	1.9	373	1.9	47 140	1.8	335	1.9	23 206	1.9
Sioux	155	1.8	39 406	1.4	262	1.2	77 531	.5	214	1.4	29 450	.7
Stanton	85	2.7	19 248	2.0	359	1.4	62 847	.6	248	1.8	11 126	1.6
Thayer	331	1.9	98 315	1.5	342	2.0	39 483	1.0	296	2.1	11 797	1.9
Thomas	11	—	2 971	—	84	1.4	26 136	.4	73	1.8	13 210	.4
Thurston	23	3.8	4 092	2.4	169	2.1	30 511	.6	119	2.7	5 396	1.6
Valley	245	2.8	63 322	2.0	359	2.7	65 249	1.5	293	2.9	20 993	2.3
Washington	59	3.2	13 803	2.1	297	1.7	28 391	1.0	212	2.1	5 272	2.3
Wayne	71	2.6	17 985	2.1	369	1.5	55 936	1.0	230	1.9	10 819	2.3
Webster	134	2.5	36 034	1.6	317	1.6	71 545	.7	292	1.8	17 591	1.7
Wheeler	88	2.4	36 264	1.7	147	1.7	79 045	.4	123	2.0	15 369	1.0
York	576	1.7	199 097	1.1	304	1.9	50 049	.6	240	2.2	(D)	(D)

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	**2 122**	**1.4**	**83 295**	**1.0**	**10 826**	**1.4**	**4 187 389**	**.7**	**2 185**	**1.5**	**151 777**	**1.5**
Adams	7	12.0	57	21.4	72	3.4	18 807	2.8	27	5.2	1 608	4.1
Antelope	73	4.0	4 776	2.3	280	2.8	90 708	2.1	21	8.7	1 203	13.7
Arthur	8	8.4	20	5.1	2	—	(D)	(D)	1	24.2	(D)	(D)
Banner	4	—	4	—	7	8.5	1 477	7.8	12	4.2	884	2.4
Blaine	5	9.0	102	19.9	19	5.4	8 419	2.2	4	11.3	114	19.0
Boone	31	4.3	1 465	3.1	264	2.0	112 196	1.1	18	6.0	1 125	4.5
Box Butte	5	12.5	(D)	(D)	38	4.8	2 716	3.8	19	6.4	1 252	13.8
Boyd	36	6.3	1 399	5.7	122	4.0	28 718	3.9	9	12.4	427	14.1
Brown	23	6.3	549	8.6	45	3.7	14 746	1.0	25	5.0	2 495	6.9
Buffalo	30	4.7	897	5.0	184	2.3	45 953	2.1	54	4.0	13 074	.8
Burt	13	8.3	654	6.3	150	2.1	69 038	1.5	24	6.1	1 250	7.0
Butler	14	6.8	428	7.8	167	2.2	48 003	1.4	48	4.3	2 027	5.5
Cass	21	7.2	962	5.0	120	3.5	26 291	3.5	34	6.2	862	7.8
Cedar	124	4.0	5 816	3.4	507	2.9	190 253	2.1	25	8.2	1 010	10.9
Chase	1	—	(D)	(D)	33	4.1	11 822	2.7	12	5.7	988	7.0
Cherry	52	3.5	585	3.9	38	4.9	4 169	6.2	5	11.5	282	12.4
Cheyenne	9	7.3	93	6.3	26	5.1	8 710	1.9	17	6.9	683	6.8
Clay	5	16.4	(D)	(D)	90	3.2	150 387	.5	39	5.8	7 493	3.2
Colfax	16	6.1	719	3.8	271	2.1	125 198	1.1	33	5.3	1 383	8.3
Cuming	46	3.0	2 360	2.1	454	1.1	241 988	.7	30	5.1	2 585	2.1
Custer	49	4.0	1 493	2.4	180	2.6	50 157	2.1	80	3.6	5 082	7.0
Dakota	5	8.1	289	3.6	76	3.2	19 058	3.0	16	6.8	339	6.6
Dawes	31	4.5	110	14.4	41	4.4	2 154	3.1	55	3.5	4 347	5.5
Dawson	12	8.1	155	11.1	139	2.2	73 709	1.0	43	4.7	3 126	10.1
Deuel	2	22.0	(D)	(D)	7	8.0	2 656	2.2	8	7.9	356	5.8
Dixon	20	6.3	571	6.7	240	2.3	68 818	1.7	30	5.2	3 398	7.3
Dodge	11	8.3	209	7.6	244	1.5	103 171	1.0	51	4.0	3 193	5.7
Douglas	10	8.9	284	5.4	43	3.8	11 592	2.7	13	8.9	433	15.3
Dundy	6	11.7	38	28.0	22	4.2	8 024	3.1	10	7.6	691	6.4

See footnotes at end of table.

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

Livestock and poultry —Con.

Geographic area	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Fillmore	7	10.2	221	12.1	146	2.1	107 762	.8	25	5.5	1 187	6.4
Franklin	15	8.2	683	4.6	56	5.1	13 814	4.3	17	8.9	409	14.5
Frontier	13	8.7	280	11.8	69	3.8	14 711	3.9	18	6.7	672	6.0
Furnas	6	11.8	265	4.4	72	4.6	83 471	.7	11	10.2	1 554	20.4
Gage	103	2.4	5 399	1.7	316	1.9	122 620	1.1	40	4.9	1 328	5.8
Garden	4	16.3	4	16.3	20	7.7	5 427	7.2	13	8.8	425	10.1
Garfield	16	9.5	64	12.4	20	8.8	2 792	11.0	18	8.6	682	12.1
Gosper	3	17.0	(D)	(D)	41	4.3	14 053	1.9	3	19.6	(D)	(D)
Grant	2	–	(D)	(D)	1	40.0	(D)	(D)	2	21.7	(D)	(D)
Greeley	14	7.2	599	6.7	79	3.2	39 303	1.3	10	9.1	723	21.1
Hall	15	6.3	912	2.3	108	3.0	37 054	2.1	35	5.1	1 855	8.6
Hamilton	6	9.8	315	6.1	129	2.6	45 399	1.8	20	7.7	1 089	7.9
Harlan	11	8.5	410	9.4	53	4.5	13 485	4.2	14	9.5	548	9.6
Hayes	8	8.8	159	19.9	47	3.9	7 317	3.8	4	16.5	(D)	(D)
Hitchcock	7	11.4	114	13.8	56	3.6	14 174	2.9	14	7.5	587	11.2
Holt	112	2.6	4 441	2.1	223	2.1	289 519	.3	50	4.5	2 320	5.9
Hooker	6	–	39	–	7	5.2	3 536	6.4	–	–	–	–
Howard	38	4.6	1 258	4.3	149	2.8	36 507	2.0	20	7.8	552	14.0
Jefferson	52	2.9	2 668	2.1	119	2.2	36 716	1.6	37	4.8	1 255	5.3
Johnson	14	9.4	588	6.5	98	4.3	34 416	2.4	22	8.1	619	21.9
Kearney	3	15.8	(D)	(D)	65	3.0	28 039	1.4	24	6.1	694	6.3
Keith	6	11.8	159	18.4	7	11.8	1 925	3.9	7	8.5	194	5.9
Keya Paha	34	4.4	1 592	3.6	30	4.4	5 198	6.7	12	7.2	1 687	3.1
Kimball	8	12.1	91	25.9	22	6.9	4 295	8.5	16	7.0	2 801	12.6
Knox	107	2.8	4 391	2.2	471	2.0	151 296	1.6	42	4.6	2 395	6.8
Lancaster	41	4.2	1 473	4.8	180	2.2	52 504	1.7	50	4.2	1 845	5.5
Lincoln	37	4.0	897	3.6	94	3.0	22 649	2.4	45	4.5	1 792	8.8
Logan	5	12.8	6	15.6	22	6.4	3 721	5.8	13	8.5	559	10.7
Loup	3	20.4	5	27.5	13	9.6	2 488	10.8	2	21.8	(D)	(D)
McPherson	16	4.3	29	4.1	14	5.4	2 657	2.6	3	–	42	–
Madison	35	3.7	1 871	2.5	283	2.0	81 308	1.4	27	5.7	1 865	8.1
Merrick	20	6.2	639	5.2	109	2.7	41 245	1.4	29	5.1	1 119	6.4
Morrill	11	8.0	22	9.7	23	6.0	2 556	13.6	24	5.7	1 715	10.2
Nance	12	10.2	711	6.6	89	4.3	30 918	2.8	11	12.8	417	19.0
Nemaha	13	7.8	367	6.7	98	2.6	47 625	1.2	26	6.0	1 664	3.3
Nuckolls	23	8.8	810	7.2	144	3.2	47 317	2.3	23	8.4	1 279	12.5
Otoe	24	5.0	1 174	3.8	149	2.4	62 926	1.4	27	5.3	1 264	7.4
Pawnee	25	5.3	1 119	4.4	115	2.7	39 144	2.0	33	5.3	1 757	8.2
Perkins	10	6.5	266	.5	32	3.8	3 981	4.4	20	5.7	1 187	6.4
Phelps	6	9.6	194	9.2	57	3.1	23 008	2.2	19	7.0	1 030	10.5
Pierce	62	4.9	2 570	3.8	309	2.5	100 086	1.8	22	8.7	409	9.2
Platte	37	3.8	2 661	1.3	402	2.7	193 898	1.3	34	6.8	1 583	14.4
Polk	8	8.6	262	4.1	112	2.3	49 680	1.1	15	8.0	716	12.4
Red Willow	6	9.1	262	12.1	68	3.3	23 006	2.6	15	8.7	1 178	3.7
Richardson	28	5.1	1 750	2.8	129	3.5	35 222	1.9	30	6.5	1 270	7.8
Rock	24	5.5	652	9.6	14	7.4	2 162	7.9	10	6.0	780	.9
Saline	17	9.9	526	9.6	157	3.5	44 357	2.5	34	6.7	2 118	11.0
Sarpy	7	9.7	332	5.4	53	3.6	11 639	4.4	12	8.5	1 467	5.0
Saunders	44	3.8	1 378	3.3	236	2.1	52 879	1.7	64	3.6	4 669	5.7
Scotts Bluff	18	6.7	431	3.8	37	4.7	12 611	1.6	31	5.7	6 152	2.4
Seward	28	4.1	1 443	2.4	194	2.2	64 773	1.5	47	4.5	3 480	5.7
Sheridan	26	6.1	493	9.4	69	3.3	9 442	4.1	48	4.8	4 220	4.8
Sherman	21	6.4	867	4.1	117	2.9	17 821	2.9	29	5.8	2 520	7.6
Sioux	28	4.5	49	5.2	20	6.6	6 083	2.0	15	6.8	3 099	1.9
Stanton	21	4.8	1 323	3.6	174	2.0	55 714	1.7	9	9.7	1 444	2.9
Thayer	16	6.5	415	4.3	115	3.1	34 551	2.1	35	5.8	1 252	7.0
Thomas	4	10.4	9	4.6	9	5.5	3 309	2.2	1	41.6	(D)	(D)
Thurston	9	5.5	1 012	3.5	124	2.3	47 827	1.5	15	5.9	1 692	6.7
Valley	37	5.4	1 141	5.0	109	3.8	38 828	2.2	20	7.9	1 094	11.2
Washington	34	3.7	2 599	1.5	166	2.2	63 904	1.7	29	5.3	3 484	11.9
Wayne	37	4.0	2 357	2.0	243	1.8	87 721	1.1	31	5.2	3 201	4.6
Webster	19	6.4	538	4.9	74	3.8	26 404	3.5	10	9.7	481	15.8
Wheeler	28	5.3	1 444	3.5	23	5.6	8 916	3.8	11	9.3	766	12.9
York	3	18.2	(D)	(D)	165	2.2	80 482	1.1	29	5.9	1 587	7.5

Livestock and poultry —Con.

Geographic area	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Nebraska	**1 967**	**1.5**	**6 527 412**	–	**289**	**2.2**	**1 887 881**	**1.0**
Adams	24	6.1	787	8.3	5	15.4	698	19.5
Antelope	28	7.7	1 416	11.5	1	43.9	(D)	(D)
Arthur	5	7.0	48	8.7	–	–	–	–
Banner	6	4.5	143	3.8	–	–	–	–

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 20
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

	Livestock and poultry —Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
Geographic area	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	11	7.3	222	8.6	–	–	–	–
Boone	17	7.2	581	10.3	5	16.0	280	19.6
Box Butte	24	6.2	740	12.3	–	–	–	–
Boyd	15	9.6	818	14.3	1	49.1	(D)	(D)
Brown	32	5.1	1 593	7.6	6	11.8	3 959	7.7
Buffalo	24	6.5	517	7.2	3	19.5	270	20.1
Burt	18	7.5	1 516	10.7	7	12.5	(D)	(D)
Butler	34	5.0	(D)	(D)	6	11.0	(D)	(D)
Cass	26	7.5	1 264	15.9	7	17.0	3 455	26.2
Cedar	29	7.6	2 557	11.8	5	9.7	1 230	11.8
Chase	9	9.4	189	9.9	–	–	–	–
Cherry	33	4.3	802	7.1	1	–	(D)	(D)
Cheyenne	18	6.0	475	13.4	–	–	–	–
Clay	13	11.0	704	17.6	6	17.2	642	17.0
Colfax	25	5.7	(D)	(D)	9	10.7	(D)	(D)
Cuming	20	6.0	1 878	12.2	7	10.7	1 147	10.2
Custer	54	4.1	1 608	5.3	5	13.9	285	18.8
Dakota	8	13.6	390	18.4	–	–	–	–
Dawes	37	4.4	1 260	6.3	4	14.8	120	11.6
Dawson	29	5.9	1 120	9.9	5	10.8	602	5.3
Deuel	7	10.4	105	15.7	–	–	–	–
Dixon	16	8.0	(D)	(D)	4	16.7	2 550	15.2
Dodge	24	5.6	(D)	(D)	13	7.1	209 891	2.4
Douglas	15	8.0	530	8.9	3	14.7	(D)	(D)
Dundy	8	8.7	174	9.4	–	–	–	–
Fillmore	9	12.2	655	15.6	–	–	–	–
Franklin	14	9.4	418	11.1	3	23.3	26 000	22.2
Frontier	26	6.4	870	6.9	1	–	(D)	(D)
Furnas	18	8.3	481	10.7	4	16.6	1 890	30.3
Gage	45	4.3	(D)	(D)	4	12.8	438	16.4
Garden	20	7.5	325	8.0	–	–	–	–
Garfield	27	6.8	814	8.9	2	25.0	(D)	(D)
Gosper	5	12.2	153	16.1	2	18.1	(D)	(D)
Grant	4	–	51	–	–	–	–	–
Greeley	22	6.5	1 201	10.2	2	23.8	(D)	(D)
Hall	29	5.7	1 524	12.2	7	10.4	605	16.1
Hamilton	14	7.3	1 175	17.9	8	8.3	3 174	6.6
Harlan	8	13.3	233	16.9	2	18.0	(D)	(D)
Hayes	12	7.3	250	5.3	–	–	–	–
Hitchcock	20	5.8	1 661	9.9	4	13.8	325	14.5
Holt	53	4.0	4 622	5.3	6	7.1	620	13.5
Hooker	3	–	36	–	–	–	–	–
Howard	30	6.0	1 599	13.5	10	8.8	3 556	18.7
Jefferson	21	5.8	(D)	(D)	2	21.9	(D)	(D)
Johnson	17	9.1	765	12.4	1	–	(D)	(D)
Kearney	12	8.7	336	10.9	1	37.3	(D)	(D)
Keith	14	7.1	383	10.9	3	15.1	300	15.1
Keya Paha	10	7.7	200	6.8	–	–	–	–
Kimball	12	8.5	441	16.5	–	–	–	–
Knox	48	4.5	2 541	6.8	6	12.8	(D)	(D)
Lancaster	51	4.0	(D)	(D)	9	9.3	2 727	6.6
Lincoln	40	4.5	830	6.6	9	9.8	1 600	21.3
Logan	2	24.1	(D)	(D)	–	–	–	–
Loup	3	14.5	55	23.8	–	–	–	–
McPherson	7	9.7	311	16.4	1	–	(D)	(D)
Madison	32	5.2	3 150	5.3	10	9.2	4 977	9.7
Merrick	22	6.8	706	11.1	3	11.4	(D)	(D)
Morrill	21	6.9	421	8.5	2	28.1	(D)	(D)
Nance	8	15.3	278	18.4	8	13.9	1 540	22.1
Nemaha	17	7.8	1 382	12.5	1	33.7	(D)	(D)
Nuckolls	19	9.2	2 122	12.6	1	46.9	(D)	(D)
Otoe	14	8.0	742	11.4	2	14.6	(D)	(D)
Pawnee	17	7.1	842	12.7	1	35.0	(D)	(D)
Perkins	26	4.8	455	5.8	2	18.9	(D)	(D)
Phelps	10	10.4	1 025	20.3	–	–	–	–
Pierce	36	6.6	3 501	9.7	4	16.4	2 875	20.9
Platte	43	6.5	4 913	10.4	9	11.0	17 166	19.3
Polk	17	7.2	197 517	(L)	2	24.9	(D)	(D)
Red Willow	10	9.6	573	13.0	3	12.9	120	11.2
Richardson	23	7.3	811	11.5	3	22.4	(D)	(D)
Rock	10	7.3	157	10.3	1	33.6	(D)	(D)
Saline	44	5.6	1 976	15.5	–	–	–	–
Sarpy	11	9.7	361	12.1	2	25.1	(D)	(D)
Saunders	63	3.3	3 298	7.8	13	7.4	4 145	7.4
Scotts Bluff	19	7.2	394	8.9	5	16.1	5 910	18.1
Seward	24	6.4	1 262	10.7	4	14.8	114	23.0
Sheridan	41	5.0	1 076	5.7	2	21.1	(D)	(D)
Sherman	32	5.9	1 482	11.3	1	23.7	(D)	(D)
Sioux	26	6.1	666	6.9	1	48.7	(D)	(D)
Stanton	23	6.3	1 053	14.2	1	31.5	(D)	(D)

See footnotes at end of table.

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

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

Geographic area	Livestock and poultry —Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Thayer	20	8.3	757	14.7	4	13.4	295	11.8
Thomas	8	8.4	129	5.3	1	–	(D)	(D)
Thurston	12	7.3	1 812	21.1	1	36.1	(D)	(D)
Valley	34	7.1	999	8.3	3	15.8	700	15.2
Washington	19	6.8	722	11.4	1	31.8	(D)	(D)
Wayne	26	5.9	(D)	(D)	3	17.2	460	20.5
Webster	13	8.4	315	12.7	1	38.2	(D)	(D)
Wheeler	4	9.7	259	30.1	–	–	–	–
York	18	7.6	(D)	(D)	4	16.6	2 000	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	**29 679**	**1.4**	**7 235 528**	**.9**	**930 758 282**	**.9**	**3 950**	**1.1**	**195 029**	**.6**	**2 960 555**	**.6**
Adams	461	1.5	146 367	1.0	22 133 630	.9	16	4.9	1 053	3.9	24 101	6.6
Antelope	662	2.5	185 922	1.7	22 043 654	1.6	130	2.9	5 311	1.6	71 604	1.6
Arthur	12	3.3	2 799	5.0	260 435	7.0	5	8.0	310	8.4	5 630	12.0
Banner	38	2.2	6 158	1.7	652 657	1.7	15	–	731	–	9 280	–
Blaine	10	–	2 765	–	306 355	–	6	–	915	–	13 515	–
Boone	598	1.9	173 584	1.3	20 835 675	1.2	94	2.4	3 947	2.3	52 592	1.7
Box Butte	208	1.5	45 186	.9	5 481 583	.9	52	2.5	4 478	1.8	80 151	1.6
Boyd	182	3.7	23 828	3.2	1 877 292	3.3	19	7.6	1 402	4.8	8 780	4.8
Brown	115	2.0	37 809	1.4	4 445 054	1.5	33	3.1	4 152	3.4	71 216	2.0
Buffalo	682	2.0	182 666	1.3	25 912 019	1.3	88	2.5	2 575	3.2	37 467	2.9
Burt	459	1.5	106 613	1.2	14 175 210	1.2	28	4.2	1 493	7.2	22 592	9.5
Butler	551	1.8	129 189	1.2	17 138 554	1.2	32	3.7	1 193	1.5	21 251	1.0
Cass	438	2.7	91 047	1.8	12 362 937	1.7	29	5.5	724	7.3	8 564	7.8
Cedar	750	2.9	141 516	2.1	14 638 953	2.0	176	3.4	5 138	2.9	62 188	2.6
Chase	228	1.1	122 613	.6	15 706 156	.6	27	1.8	2 964	.3	48 143	.3
Cherry	42	1.9	10 324	1.5	903 072	.8	24	–	2 827	–	38 780	–
Cheyenne	109	2.3	16 506	1.7	2 021 034	1.8	55	2.3	3 399	.9	61 988	.9
Clay	412	2.5	138 109	1.6	20 077 130	1.6	15	6.5	4 361	.4	97 384	.3
Colfax	519	1.8	97 518	1.3	12 534 619	1.3	42	2.6	3 350	.7	45 398	.7
Cuming	850	.9	141 157	.7	17 947 744	.7	79	1.6	5 114	.9	79 138	1.6
Custer	682	1.3	189 435	.7	22 757 202	.7	170	1.4	7 872	.8	142 716	.6
Dakota	214	1.7	51 183	1.1	6 541 760	1.1	8	9.8	197	9.8	1 825	6.9
Dawes	25	2.1	2 444	1.2	255 456	1.0	9	5.9	412	2.4	6 035	2.2
Dawson	558	1.2	170 207	.8	21 055 563	.7	100	1.6	6 530	1.1	108 259	.8
Deuel	56	2.9	13 173	2.7	1 416 759	3.0	7	5.3	407	5.7	7 377	5.3
Dixon	446	2.1	82 493	1.4	9 060 749	1.4	40	4.5	1 449	6.4	26 983	3.5
Dodge	654	1.0	140 294	.8	19 339 549	.8	42	2.1	2 099	3.9	34 587	4.7
Douglas	203	1.5	45 999	1.3	6 095 853	1.3	6	9.5	294	5.3	5 202	4.6
Dundy	186	1.5	81 456	.8	10 292 687	.8	23	2.6	1 416	4.5	28 039	4.6
Fillmore	413	1.6	152 925	1.0	23 234 137	.9	24	3.2	1 060	4.0	21 080	4.4
Franklin	242	3.2	73 553	2.1	10 598 784	2.0	34	5.3	1 200	3.2	17 670	3.2
Frontier	266	1.7	71 429	1.2	8 552 406	1.3	47	3.3	1 451	4.1	18 715	5.5
Furnas	225	2.9	50 701	1.8	6 525 440	1.8	33	4.4	1 169	3.1	17 346	2.6
Gage	339	1.7	37 287	1.4	5 230 039	1.4	38	3.0	1 739	3.9	29 431	3.3
Garden	83	3.3	15 725	1.8	1 923 724	1.7	20	4.9	1 250	13.8	27 562	15.5
Garfield	58	4.8	6 943	3.4	627 946	4.9	42	4.7	2 127	3.9	23 126	3.2
Gosper	173	1.7	55 529	1.4	6 826 915	1.4	27	3.3	1 021	3.1	14 671	4.2
Grant	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Greeley	264	1.9	67 072	1.5	7 179 768	1.4	103	2.4	4 591	1.9	64 623	1.7
Hall	533	1.7	174 122	1.1	24 970 044	1.1	42	2.7	1 701	2.4	26 629	1.7
Hamilton	544	1.6	212 790	1.1	31 587 426	1.1	41	3.1	2 487	1.3	49 360	.6
Harlan	196	2.5	55 488	1.7	8 293 531	1.6	42	3.4	1 750	3.3	29 533	1.4
Hayes	156	1.7	42 218	1.6	4 416 491	1.5	26	4.1	1 144	4.1	11 488	5.3
Hitchcock	154	2.0	30 071	1.3	3 280 560	1.5	26	4.7	752	3.5	10 930	3.0
Holt	527	1.7	190 133	1.0	22 952 608	1.0	117	1.9	4 777	1.2	62 551	1.4
Hooker	2	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Howard	456	2.1	104 310	1.6	10 625 289	1.6	91	2.7	4 010	2.1	40 126	2.1
Jefferson	235	1.7	40 260	1.4	6 043 359	1.4	29	3.2	947	6.1	15 160	4.6
Johnson	175	3.7	14 617	3.5	1 766 696	3.6	12	10.2	263	6.9	3 594	5.1
Kearney	399	1.4	161 427	1.0	24 048 901	.9	23	2.9	1 279	.9	21 807	.9
Keith	150	1.8	53 474	1.0	6 495 219	1.0	24	–	1 662	–	27 818	–
Keya Paha	51	3.1	9 286	4.2	928 144	3.3	20	4.5	1 009	4.3	10 417	3.6
Kimball	52	3.0	8 511	2.3	964 429	3.0	24	3.3	1 551	1.8	19 931	2.1
Knox	683	1.7	101 728	1.4	9 696 755	1.4	177	2.4	5 988	2.5	62 272	2.3
Lancaster	322	1.5	36 034	1.4	4 425 564	1.3	21	6.0	396	6.4	5 713	8.4
Lincoln	433	1.4	159 049	1.0	20 523 438	1.0	78	1.8	3 796	1.2	62 892	1.0
Logan	55	3.7	17 314	2.5	1 748 382	2.8	9	5.4	515	1.9	5 015	1.0
Loup	64	3.1	6 636	2.9	861 110	3.1	32	4.3	1 048	5.9	13 731	4.9
McPherson	10	4.7	3 314	4.5	371 462	3.5	4	–	750	–	9 700	–

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:00:00 TAPE: NOreel FRAME: 22
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

	Selected crops harvested											
	Corn for grain or seed						Corn for silage or green chop					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
Geographic area	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	590	1.6	133 863	1.2	15 662 824	1.1	77	2.4	3 199	2.5	50 266	1.9
Merrick	499	2.0	153 694	1.4	19 624 245	1.4	56	2.8	3 857	1.8	68 147	1.1
Morrill	244	1.9	48 381	1.1	6 272 121	1.1	35	3.6	2 801	2.0	46 737	2.0
Nance	329	3.0	78 797	2.3	9 104 395	2.3	47	4.7	1 317	4.2	21 510	4.3
Nemaha	371	1.7	62 016	1.3	7 688 556	1.3	16	5.8	447	4.4	9 380	6.2
Nuckolls	152	2.9	35 441	2.2	5 068 896	2.2	13	7.3	564	13.6	7 379	12.1
Otoe	503	1.6	73 267	1.5	8 836 868	1.5	25	3.9	772	3.0	12 100	2.5
Pawnee	119	2.5	10 423	1.9	1 245 898	1.7	23	5.3	425	5.2	4 360	5.1
Perkins	232	1.6	95 266	.8	12 466 269	.8	19	2.9	617	1.4	9 430	1.1
Phelps	454	1.4	186 739	.8	24 866 052	.8	39	3.5	2 334	2.5	35 005	2.6
Pierce	556	2.4	129 093	1.6	14 920 719	1.5	108	3.4	3 018	3.8	43 868	2.8
Platte	850	2.7	195 350	2.0	25 717 010	1.9	82	2.9	3 462	1.8	59 112	1.3
Polk	454	1.5	118 438	1.3	16 499 171	1.2	41	3.3	2 087	3.6	34 120	4.4
Red Willow	194	2.0	51 892	1.5	6 306 651	1.6	21	5.1	1 376	3.7	20 316	3.9
Richardson	433	2.7	62 566	2.2	7 673 890	2.1	37	4.9	1 358	5.9	17 583	6.5
Rock	60	3.3	29 498	2.4	2 373 739	2.6	4	–	742	–	9 820	–
Saline	313	2.9	59 701	2.2	8 919 692	2.1	21	7.8	556	10.0	8 169	4.9
Sarpy	267	1.7	43 505	1.6	5 815 468	1.7	14	6.7	329	5.8	4 684	4.9
Saunders	908	1.9	160 190	1.5	20 866 008	1.4	61	2.9	2 998	1.8	63 713	1.2
Scotts Bluff	544	1.7	72 938	1.5	8 578 296	1.4	76	2.6	4 780	1.8	84 203	1.2
Seward	393	1.5	87 564	1.2	12 951 643	1.1	32	3.3	1 272	4.3	25 078	2.6
Sheridan	107	2.0	24 695	1.5	2 430 300	1.5	46	3.2	3 047	2.6	34 843	3.2
Sherman	267	2.1	52 887	1.9	6 865 853	1.8	49	3.8	1 308	4.8	18 305	3.8
Sioux	85	2.7	15 094	2.3	1 743 451	2.2	18	5.6	1 184	13.1	22 309	13.3
Stanton	425	1.3	75 876	1.1	8 965 707	1.1	62	2.5	4 033	2.4	62 025	2.5
Thayer	325	1.9	81 362	1.5	12 435 761	1.5	15	6.3	417	6.6	7 137	10.9
Thomas	5	–	992	–	126 315	–	3	–	227	–	3 550	–
Thurston	309	1.7	75 527	1.1	8 853 401	1.0	28	3.1	1 086	2.3	12 523	3.4
Valley	280	2.7	54 516	2.0	6 015 259	2.0	94	3.6	5 824	2.6	64 791	1.9
Washington	493	1.5	87 413	1.2	11 800 566	1.2	48	3.5	2 700	2.7	39 027	3.3
Wayne	478	1.4	96 948	1.1	10 784 200	1.0	93	2.5	4 672	1.7	63 174	1.8
Webster	140	2.4	33 475	1.6	4 701 615	1.7	6	7.7	481	2.2	8 085	2.5
Wheeler	102	2.3	28 176	1.8	3 075 074	1.9	39	3.4	2 993	1.2	31 349	2.0
York	587	1.7	189 476	1.1	28 520 997	1.1	26	3.6	1 200	1.5	14 781	1.4

	Selected crops harvested —Con.											
	Sorghum for grain or seed						Wheat for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
Geographic area	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	**10 513**	**1.6**	**1 412 747**	**1.3**	**122 513 083**	**1.3**	**12 671**	**1.4**	**1 800 432**	**.9**	**53 512 448**	**.9**
Adams	291	1.6	30 060	1.8	2 778 377	1.8	350	1.5	26 896	1.8	922 208	1.7
Antelope	9	11.9	491	9.5	31 882	10.6	11	7.5	581	7.5	13 175	7.1
Arthur	–	–	–	–	–	–	2	20.0	(D)	(D)	(D)	(D)
Banner	–	–	–	–	–	–	124	1.5	56 379	1.0	1 519 193	1.1
Blaine	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Boone	35	4.5	1 810	4.4	123 240	4.8	34	4.6	1 233	6.1	38 856	6.3
Box Butte	4	11.7	(D)	(D)	(D)	(D)	316	1.6	92 967	1.4	3 427 205	1.3
Boyd	101	4.0	12 159	3.1	649 999	3.3	20	9.0	1 298	9.5	30 305	11.0
Brown	1	25.5	(D)	(D)	(D)	(D)	1	25.5	(D)	(D)	(D)	(D)
Buffalo	142	2.7	10 840	2.7	758 497	3.0	274	2.1	12 691	2.1	446 362	2.1
Burt	6	12.5	238	15.0	20 016	14.7	22	6.1	1 072	7.3	37 934	7.1
Butler	368	1.9	45 272	2.0	3 779 007	2.1	145	2.3	4 784	2.1	129 429	2.3
Cass	113	4.1	17 015	4.0	1 587 490	4.1	164	3.4	8 544	3.1	268 439	3.2
Cedar	23	7.0	1 033	6.0	64 359	3.7	4	17.2	158	18.1	7 404	18.5
Chase	16	5.8	1 122	4.2	62 417	3.7	214	1.3	46 586	1.2	1 098 967	1.4
Cherry	5	10.0	493	4.5	23 148	7.1	4	9.3	(D)	(D)	83 050	.8
Cheyenne	8	9.1	630	4.5	43 368	4.6	534	1.5	174 861	1.2	4 295 085	1.2
Clay	340	2.7	50 393	2.6	4 067 585	2.5	226	3.1	14 587	2.8	459 085	2.7
Colfax	47	3.9	2 447	5.1	198 747	5.3	45	4.0	1 422	4.7	37 523	4.8
Cuming	11	8.5	537	6.9	49 387	7.6	9	8.1	306	8.1	10 958	7.6
Custer	28	4.3	1 957	4.5	75 065	4.5	200	1.6	15 527	1.4	491 364	1.3
Dakota	1	–	(D)	(D)	(D)	(D)	3	–	(D)	(D)	3 050	–
Dawes	3	11.4	110	6.2	(D)	(D)	189	1.8	31 110	1.3	997 507	1.0
Dawson	68	3.1	5 597	2.7	391 377	2.6	80	2.5	6 301	3.4	227 012	3.5
Deuel	2	13.2	(D)	(D)	(D)	(D)	185	1.4	63 829	1.2	1 319 542	1.3
Dixon	6	11.4	358	11.8	12 270	16.9	2	14.6	(D)	(D)	(D)	(D)
Dodge	58	2.9	5 518	1.7	456 188	1.6	55	3.3	2 149	6.1	68 173	7.3
Douglas	7	10.1	467	26.8	44 844	27.9	24	5.5	783	11.6	22 065	8.6
Dundy	26	5.4	3 361	6.8	190 378	6.6	124	2.0	22 495	2.1	438 744	2.1
Fillmore	406	1.6	53 311	1.7	4 960 605	1.7	267	1.9	15 656	2.2	377 915	2.1
Franklin	215	3.5	23 401	3.9	1 917 650	3.8	249	3.3	21 785	3.1	806 023	3.0
Frontier	119	2.7	10 076	2.5	629 756	2.5	276	1.7	44 796	1.5	1 748 846	1.5
Furnas	216	3.4	29 999	2.9	2 541 288	2.9	333	3.1	66 353	2.1	2 755 258	2.0
Gage	848	1.6	155 896	1.3	14 398 556	1.3	603	1.7	45 560	1.4	1 354 029	1.3

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 23
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

Geographic area	Sorghum for grain or seed — Farms Number	Relative standard error of estimate (percent)	Acres Number	Relative standard error of estimate (percent)	Quantity Bushels	Relative standard error of estimate (percent)	Wheat for grain — Farms Number	Relative standard error of estimate (percent)	Acres Number	Relative standard error of estimate (percent)	Quantity Bushels	Relative standard error of estimate (percent)
Garden	3	16.3	113	10.0	5 981	5.7	143	3.2	53 345	2.6	1 530 695	2.8
Garfield	–	–	–	–	–	–	2	35.3	(D)	(D)	(D)	(D)
Gosper	105	2.5	13 350	2.4	1 070 944	2.6	136	2.0	15 230	2.0	646 825	2.3
Grant	–	–	–	–	–	–	–	–	–	–	–	–
Greeley	28	4.8	1 494	4.9	74 123	5.4	15	5.2	677	2.5	22 652	3.7
Hall	54	3.7	3 555	5.5	245 814	5.3	60	3.6	2 380	5.4	77 930	5.1
Hamilton	182	2.3	14 491	3.0	1 191 300	3.0	75	3.6	3 018	4.0	80 266	4.6
Harlan	226	2.6	26 040	2.8	2 286 545	2.7	252	2.5	34 508	2.5	1 326 468	2.5
Hayes	17	5.6	2 127	2.2	124 440	2.3	177	1.6	44 556	1.3	1 389 037	1.3
Hitchcock	104	2.1	14 289	1.6	998 878	1.4	273	1.5	69 452	1.3	2 203 373	1.5
Holt	17	6.3	2 013	7.3	116 150	11.1	28	4.0	3 966	2.7	115 531	2.5
Hooker	–	–	–	–	–	–	–	–	–	–	–	–
Howard	49	4.4	2 202	6.1	104 519	6.1	95	3.2	2 388	5.2	80 604	5.4
Jefferson	451	1.6	76 038	1.4	7 267 020	1.4	329	1.7	25 421	1.8	605 376	1.8
Johnson	297	3.1	36 719	3.6	3 214 981	3.7	129	4.0	5 357	3.8	145 875	3.9
Kearney	133	2.4	12 080	2.9	999 662	3.2	234	1.8	20 482	1.9	769 263	2.0
Keith	13	7.4	867	3.7	38 347	5.3	164	1.6	48 892	1.3	949 397	1.2
Keya Paha	1	–	(D)	(D)	(D)	(D)	4	16.9	145	16.4	2 940	17.1
Kimball	3	16.6	800	12.5	22 000	9.1	225	1.4	105 839	.9	2 239 844	.8
Knox	77	3.5	5 169	3.8	258 370	3.8	22	6.1	1 128	5.4	45 631	5.4
Lancaster	736	1.1	124 821	1.1	12 200 594	1.2	525	1.2	36 828	1.2	1 059 105	1.2
Lincoln	11	6.2	856	5.5	32 268	8.3	227	1.6	38 402	1.2	1 344 347	1.2
Logan	–	–	–	–	–	–	27	5.4	4 301	2.3	132 247	2.2
Loup	4	18.7	83	20.8	7 812	22.4	2	30.6	(D)	(D)	(D)	(D)
McPherson	–	–	–	–	–	–	1	–	(D)	(D)	(D)	(D)
Madison	6	10.7	270	14.0	14 498	15.1	7	11.7	146	14.8	7 450	13.6
Merrick	28	4.7	1 075	5.1	70 302	4.6	62	3.2	1 770	3.1	52 934	3.0
Morrill	1	36.8	(D)	(D)	(D)	(D)	95	2.3	24 859	1.9	697 072	1.9
Nance	85	4.5	7 410	5.3	520 138	4.3	108	4.3	4 471	5.4	149 507	4.9
Nemaha	135	2.7	12 787	3.2	1 222 868	3.2	184	2.2	10 582	2.2	315 980	2.1
Nuckolls	376	2.8	66 263	2.4	5 182 880	2.4	346	2.9	42 983	2.4	1 419 520	2.5
Otoe	322	1.7	43 311	1.8	4 102 052	1.8	307	1.7	14 904	1.8	428 274	1.8
Pawnee	286	2.1	44 999	1.8	3 796 800	1.8	135	2.4	6 791	2.2	212 424	2.3
Perkins	11	5.6	1 334	6.3	58 031	7.7	370	1.0	123 005	.8	3 265 977	.8
Phelps	180	1.9	29 523	1.4	2 166 118	1.3	137	2.1	9 806	2.7	359 857	2.7
Pierce	5	13.1	122	4.0	11 900	4.2	7	11.5	381	5.5	15 652	4.6
Platte	58	5.3	3 324	5.5	273 815	5.7	117	3.9	3 299	4.6	112 702	4.5
Polk	222	1.9	25 567	2.2	2 232 709	2.2	66	3.4	1 786	4.4	57 119	4.7
Red Willow	130	2.3	19 911	1.8	1 370 159	1.9	271	1.8	66 182	1.4	2 886 773	1.4
Richardson	213	3.1	23 477	3.1	2 089 447	3.1	211	3.2	11 517	2.8	371 966	2.6
Rock	–	–	–	–	–	–	–	–	–	–	–	–
Saline	548	2.7	85 515	2.8	7 874 996	2.8	375	3.0	25 528	3.3	468 560	3.2
Sarpy	12	9.7	981	13.4	78 304	17.0	20	6.0	410	7.4	13 378	7.6
Saunders	217	2.0	24 266	1.7	2 295 955	1.7	201	2.2	5 957	2.3	186 915	2.0
Scotts Bluff	3	10.7	(D)	(D)	(D)	(D)	59	3.4	12 712	2.4	270 684	2.6
Seward	510	1.5	77 705	1.4	7 143 591	1.4	203	2.1	8 387	2.2	246 731	2.1
Sheridan	1	33.9	(D)	(D)	(D)	(D)	218	2.0	36 383	1.5	929 114	1.8
Sherman	72	3.7	4 448	5.0	292 640	5.8	72	3.4	2 488	3.6	85 342	4.2
Sioux	–	–	–	–	–	–	30	3.5	3 458	2.9	108 008	2.1
Stanton	9	8.1	331	8.6	23 752	7.5	6	10.5	403	4.1	15 639	6.5
Thayer	446	1.9	62 557	1.7	5 247 672	1.8	397	2.0	38 412	1.9	989 511	1.8
Thomas	1	–	(D)	(D)	(D)	(D)	1	–	(D)	(D)	(D)	(D)
Thurston	3	11.0	73	13.6	5 992	10.8	6	9.8	550	4.7	23 060	4.3
Valley	20	7.9	784	10.3	31 470	9.7	44	5.5	1 518	5.5	59 554	4.9
Washington	19	6.0	1 192	4.1	116 184	4.2	41	4.2	913	4.4	29 740	4.3
Wayne	4	12.5	160	7.8	13 668	8.8	2	23.3	(D)	(D)	(D)	(D)
Webster	232	2.1	34 440	1.8	2 750 583	1.7	257	1.9	36 519	1.6	1 381 960	1.6
Wheeler	1	38.9	(D)	(D)	(D)	(D)	–	–	–	–	–	–
York	323	1.9	37 579	2.2	3 301 411	2.2	81	3.7	2 326	5.1	70 679	4.7

Selected crops harvested —Con.

Geographic area	Oats for grain — Farms Number	Relative standard error of estimate (percent)	Acres Number	Relative standard error of estimate (percent)	Quantity Bushels	Relative standard error of estimate (percent)	Soybeans for beans — Farms Number	Relative standard error of estimate (percent)	Acres Number	Relative standard error of estimate (percent)	Quantity Bushels	Relative standard error of estimate (percent)
Nebraska	**5 234**	**1.6**	**176 148**	**1.4**	**11 341 781**	**1.4**	**20 687**	**1.5**	**2 274 494**	**1.1**	**88 842 343**	**1.0**
Adams	31	4.8	702	6.2	43 257	6.1	360	1.5	24 578	1.4	1 009 894	1.4
Antelope	135	3.9	3 839	4.1	223 786	4.2	414	2.6	43 666	2.1	1 503 535	2.1
Arthur	–	–	–	–	–	–	–	–	–	–	–	–
Banner	5	11.3	630	3.2	20 498	3.0	–	–	–	–	–	–
Blaine	–	–	–	–	–	–	–	–	–	–	–	–
Boone	130	2.6	4 824	3.2	319 739	3.5	359	1.8	26 550	1.5	946 087	1.4
Box Butte	13	6.3	552	5.4	26 260	5.1	1	33.6	(D)	(D)	(D)	(D)
Boyd	127	4.0	7 103	3.6	401 401	3.6	73	5.0	6 930	4.7	206 485	4.8
Brown	4	10.9	415	4.5	23 450	3.4	13	4.6	882	5.2	29 122	4.8

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 24
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

Geographic area	Oats for grain Farms Number	Relative standard error of estimate (percent)	Acres Number	Relative standard error of estimate (percent)	Quantity Bushels	Relative standard error of estimate (percent)	Soybeans for beans Farms Number	Relative standard error of estimate (percent)	Acres Number	Relative standard error of estimate (percent)	Quantity Bushels	Relative standard error of estimate (percent)
Buffalo	53	4.0	970	4.8	50 890	4.8	432	2.1	35 017	1.5	1 422 809	1.4
Burt	53	3.5	1 217	5.1	74 583	5.0	441	1.5	91 894	1.2	3 832 451	1.2
Butler	72	3.4	1 144	3.8	75 583	4.3	538	1.8	54 607	1.5	2 102 981	1.5
Cass	45	5.9	781	8.2	59 902	8.5	485	2.8	99 003	1.9	4 167 652	1.8
Cedar	423	3.2	20 704	2.9	1 443 990	2.7	549	2.9	72 289	2.2	2 551 288	2.1
Chase	10	7.3	725	2.3	23 425	1.8	2	24.2	(D)	(D)	(D)	(D)
Cherry	8	–	748	–	37 275	–	2	–	(D)	(D)	(D)	(D)
Cheyenne	31	4.2	1 850	6.1	125 503	8.0	1	–	(D)	(D)	(D)	(D)
Clay	20	7.5	633	5.4	40 008	4.2	358	2.5	33 745	1.7	1 178 546	1.6
Colfax	122	2.6	2 913	2.9	213 612	2.9	465	1.9	57 354	1.4	2 222 016	1.4
Cuming	149	1.9	2 873	2.4	215 307	2.4	760	.9	86 169	.8	3 615 845	.8
Custer	56	3.2	1 833	3.4	79 654	3.0	220	1.8	16 214	1.2	563 230	1.1
Dakota	72	3.0	3 902	3.0	291 475	2.9	185	1.8	37 093	1.0	1 556 512	1.1
Dawes	61	2.9	2 459	3.2	114 963	2.9	–	–	–	–	–	–
Dawson	15	6.1	283	6.1	17 900	3.8	208	1.6	13 484	1.2	484 333	1.1
Deuel	24	3.6	2 159	5.8	126 602	2.3	2	13.2	(D)	(D)	(D)	(D)
Dixon	192	2.3	9 312	2.8	663 510	2.8	301	2.1	35 492	1.7	1 371 371	1.7
Dodge	53	3.2	907	7.4	67 231	6.2	615	1.1	93 844	.8	3 965 138	.8
Douglas	19	6.3	338	10.6	17 567	9.5	183	1.7	25 329	1.7	1 042 065	1.7
Dundy	7	9.9	171	12.0	8 235	15.2	10	7.0	1 586	2.8	53 794	3.1
Fillmore	38	4.6	717	3.6	47 636	3.6	422	1.5	41 437	1.1	1 783 342	1.1
Franklin	11	11.2	262	9.5	16 262	11.3	106	4.0	5 883	3.3	242 066	3.2
Frontier	29	5.0	821	3.6	44 414	3.2	38	3.6	2 276	3.4	81 052	3.3
Furnas	14	9.7	285	9.1	15 807	8.7	107	3.7	7 752	2.7	314 128	2.8
Gage	174	2.2	3 882	3.1	242 855	2.5	671	1.6	57 532	1.3	2 381 461	1.3
Garden	28	5.7	1 634	6.6	102 959	4.8	4	14.5	59	6.9	1 516	6.1
Garfield	3	16.6	45	22.1	1 790	17.8	6	11.8	398	3.8	8 944	4.7
Gosper	6	12.0	129	10.2	6 136	8.5	68	2.9	3 052	2.6	102 787	2.6
Grant	–	–	–	–	–	–	–	–	–	–	–	–
Greeley	14	7.2	371	6.1	19 703	5.8	88	3.0	4 884	2.3	147 934	2.2
Hall	15	6.9	210	7.2	10 594	5.2	223	1.9	11 735	2.2	431 005	2.3
Hamilton	17	6.3	305	5.9	19 872	8.6	372	1.7	19 658	1.7	754 382	1.7
Harlan	28	6.9	941	4.1	40 695	6.0	92	3.2	5 517	2.4	212 664	2.6
Hayes	12	6.3	259	4.8	13 340	3.7	12	4.5	1 036	3.4	36 885	2.2
Hitchcock	20	4.1	726	1.9	36 668	2.5	34	3.6	1 468	4.1	52 698	4.5
Holt	79	2.7	4 765	2.3	288 994	2.6	174	1.9	21 728	.8	801 414	.8
Hooker	–	–	–	–	–	–	–	–	–	–	–	–
Howard	36	5.5	955	8.3	51 822	10.5	150	2.6	6 805	2.7	149 025	2.8
Jefferson	98	2.2	2 433	3.1	165 652	2.5	346	1.6	33 078	1.3	1 395 054	1.3
Johnson	43	6.3	518	7.2	32 682	7.4	237	3.4	16 055	3.6	593 926	3.7
Kearney	2	–	(D)	(D)	(D)	(D)	245	1.7	17 086	1.5	682 203	1.4
Keith	17	4.8	603	4.3	22 480	4.6	13	4.9	1 271	4.2	40 350	4.1
Keya Paha	20	5.2	947	3.2	38 066	3.8	5	11.1	443	6.1	6 850	5.8
Kimball	6	8.3	379	10.5	8 821	6.8	1	49.8	(D)	(D)	(D)	(D)
Knox	405	1.7	21 759	1.8	1 471 829	1.7	353	2.2	29 598	1.9	1 043 269	1.8
Lancaster	139	2.3	2 750	3.1	204 955	3.1	599	1.2	59 691	1.2	2 501 759	1.2
Lincoln	26	3.8	875	3.0	47 397	3.2	45	2.7	3 698	3.0	143 361	2.7
Logan	6	8.0	481	15.1	36 362	14.9	–	–	–	–	–	–
Loup	5	–	185	–	8 636	–	8	10.7	336	9.5	14 460	8.3
McPherson	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Madison	105	3.0	2 676	3.2	189 081	3.7	503	1.7	69 084	1.4	2 596 109	1.3
Merrick	22	4.8	308	3.6	17 725	2.5	248	2.1	16 995	1.8	605 101	1.9
Morrill	13	6.0	480	2.4	31 362	1.3	–	–	–	–	–	–
Nance	38	6.8	709	12.9	42 478	12.7	205	3.2	14 654	2.9	499 883	2.8
Nemaha	51	3.8	724	4.0	45 901	4.3	398	1.7	64 329	1.5	2 505 721	1.4
Nuckolls	72	4.6	1 625	4.3	99 756	4.6	112	3.5	11 553	2.0	447 718	2.1
Otoe	67	3.3	870	3.5	60 204	3.7	570	1.5	76 859	1.4	2 847 708	1.4
Pawnee	38	3.9	767	3.7	47 875	3.9	206	2.1	17 614	1.7	638 235	1.7
Perkins	21	4.6	970	7.7	35 602	4.8	16	3.8	1 443	3.1	43 051	3.7
Phelps	8	7.2	371	1.4	21 685	.8	230	1.7	15 709	1.5	554 151	1.4
Pierce	159	3.4	4 404	3.9	270 240	4.1	429	2.5	45 954	2.0	1 659 939	1.9
Platte	133	3.8	3 133	3.5	240 619	3.4	718	2.7	84 986	2.2	3 343 760	2.1
Polk	31	4.7	588	8.3	37 551	10.0	370	1.5	31 448	1.3	1 290 063	1.3
Red Willow	12	7.5	779	9.3	38 638	9.6	56	3.2	3 692	3.7	133 534	4.1
Richardson	46	5.8	580	5.2	32 343	4.5	530	2.6	80 222	2.1	2 774 719	2.0
Rock	6	11.5	273	9.0	17 838	10.4	7	6.8	970	3.9	30 155	.8
Saline	136	4.1	2 455	4.6	172 922	5.0	433	2.8	31 623	2.7	1 328 496	2.7
Sarpy	11	9.0	314	19.3	22 070	21.9	247	1.8	35 262	1.9	1 481 921	1.9
Saunders	112	2.5	2 016	2.5	137 789	2.5	906	1.8	131 632	1.5	5 079 941	1.4
Scotts Bluff	11	5.8	253	4.1	8 195	5.7	–	–	–	–	–	–
Seward	92	3.2	1 628	4.5	104 510	4.9	489	1.5	44 705	1.2	1 960 652	1.2
Sheridan	71	3.0	3 607	4.2	177 929	4.3	4	8.5	330	4.1	10 775	4.4
Sherman	41	4.8	875	4.9	46 715	5.1	101	2.7	5 502	2.7	179 365	2.6
Sioux	16	6.0	576	8.5	23 916	7.0	–	–	–	–	–	–
Stanton	122	2.4	3 972	2.9	303 223	3.0	329	1.4	32 699	1.4	1 206 157	1.4
Thayer	47	4.8	1 270	4.8	61 496	4.5	348	1.9	26 731	1.6	1 091 472	1.6
Thomas	–	–	–	–	–	–	–	–	–	–	–	–
Thurston	150	2.3	8 336	1.9	574 393	1.9	281	1.5	43 464	1.2	1 670 052	1.1
Valley	19	8.4	552	7.8	27 322	7.1	126	3.3	9 860	2.4	329 832	2.4
Washington	112	2.8	2 683	3.5	175 979	3.3	474	1.5	73 030	1.4	3 147 067	1.3

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 25
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

	Selected crops harvested —Con.											
	Oats for grain						Soybeans for beans					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
Geographic area	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	197	1.9	5 931	2.3	410 489	2.4	399	1.5	53 739	1.1	1 938 803	1.1
Webster	37	4.4	827	4.1	42 358	3.9	75	3.0	5 683	1.8	226 738	1.8
Wheeler	9	9.1	208	6.6	10 078	8.4	25	5.0	3 431	3.1	104 461	3.8
York	7	8.9	120	11.8	8 900	15.1	456	1.7	32 518	1.5	1 350 277	1.5

	Selected crops harvested —Con.				
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)				
	Farms		Acres		Quantity	
Geographic area	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Nebraska	**27 433**	**1.4**	**2 895 217**	**.8**	**6 068 201**	**.9**
Adams	238	1.8	10 261	2.6	24 987	2.6
Antelope	484	2.6	36 768	2.2	95 226	2.1
Arthur	62	1.5	30 220	.6	40 126	.5
Banner	72	2.1	8 476	2.6	26 978	4.3
Blaine	70	2.2	38 982	.6	55 521	.6
Boone	492	1.8	31 634	1.5	90 060	1.4
Box Butte	166	1.8	17 345	1.8	40 261	1.6
Boyd	278	3.4	44 553	2.9	95 586	3.1
Brown	205	1.3	55 031	.9	68 482	1.0
Buffalo	607	1.7	40 132	1.5	111 276	1.5
Burt	230	1.9	11 323	1.3	42 881	1.3
Butler	413	1.8	14 314	1.8	43 483	1.7
Cass	360	2.8	10 874	2.8	36 487	2.8
Cedar	660	2.9	44 295	2.6	145 365	2.5
Chase	98	1.9	8 138	1.5	23 274	1.8
Cherry	442	.8	331 960	.2	363 544	.2
Cheyenne	175	1.9	12 922	1.4	30 271	1.4
Clay	217	2.9	13 642	1.3	35 622	1.5
Colfax	371	1.9	16 399	1.6	56 127	1.5
Cuming	616	1.0	29 779	1.0	119 882	1.0
Custer	812	1.4	101 074	1.0	254 234	1.0
Dakota	103	2.5	6 401	3.2	21 548	3.1
Dawes	297	1.5	56 796	1.2	89 950	1.2
Dawson	553	1.2	62 546	1.1	230 809	.8
Deuel	49	3.0	2 438	2.6	5 831	2.6
Dixon	308	2.0	14 171	2.0	45 284	2.0
Dodge	332	1.2	11 600	1.1	40 104	1.1
Douglas	136	2.1	5 532	4.2	17 337	3.8
Dundy	149	1.6	18 916	1.5	72 029	1.8
Fillmore	253	2.0	7 313	2.3	19 829	2.3
Franklin	190	3.6	13 271	2.7	26 744	3.6
Frontier	239	1.7	17 412	1.6	48 967	1.5
Furnas	237	3.0	18 003	3.4	62 459	2.9
Gage	637	1.6	27 322	1.6	70 843	1.6
Garden	155	2.3	51 609	.6	79 124	1.2
Garfield	144	3.1	51 148	1.7	50 157	1.8
Gosper	125	2.2	7 568	1.8	24 270	1.8
Grant	55	1.3	47 644	.2	69 647	.2
Greeley	261	1.9	23 972	1.8	60 286	1.7
Hall	298	1.8	20 854	1.9	52 132	1.8
Hamilton	246	1.9	6 018	2.0	17 002	1.7
Harlan	179	2.7	9 622	3.0	31 015	2.9
Hayes	114	1.9	8 136	1.3	26 969	1.4
Hitchcock	152	2.0	7 555	2.3	24 693	1.9
Holt	802	1.6	236 361	1.1	318 856	1.1
Hooker	30	–	12 358	–	16 267	–
Howard	425	2.0	32 447	1.6	83 988	1.5
Jefferson	392	1.6	20 259	1.7	50 610	1.8
Johnson	314	3.0	12 857	3.5	27 424	3.6
Kearney	169	1.9	7 268	2.3	25 590	2.5
Keith	125	1.9	24 301	1.6	53 810	2.0
Keya Paha	154	1.5	70 724	1.0	89 397	1.0
Kimball	87	2.0	9 065	1.4	21 116	1.8
Knox	786	1.7	84 489	1.7	212 482	1.7
Lancaster	701	1.1	23 560	1.5	58 012	1.8
Lincoln	536	1.2	91 430	1.0	205 624	1.1
Logan	61	3.1	17 541	1.4	25 528	2.4
Loup	109	2.0	32 648	2.2	51 246	1.9
McPherson	76	1.5	29 487	1.0	33 608	.4
Madison	437	1.6	21 830	1.7	71 009	1.8
Merrick	284	2.1	14 740	2.2	34 363	1.9
Morrill	252	1.7	47 905	.7	78 081	1.1
Nance	275	3.1	15 541	3.3	45 205	3.8
Nemaha	262	1.8	7 875	2.1	21 626	2.5

See footnotes at end of table.

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 26
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

[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	335	3.0	18 410	2.9	43 789	2.9
Otoe	438	1.4	13 484	1.6	38 696	1.6
Pawnee	303	1.8	17 961	2.0	37 258	2.2
Perkins	90	1.9	4 770	1.9	13 018	1.4
Phelps	232	1.6	10 586	1.4	35 447	1.5
Pierce	445	2.5	24 592	2.4	74 088	2.4
Platte	516	2.8	22 336	2.3	76 231	2.1
Polk	261	1.6	9 701	2.5	29 925	2.0
Red Willow	182	2.2	12 158	2.8	48 748	3.0
Richardson	340	2.7	11 180	2.6	29 655	2.6
Rock	189	1.5	95 520	.8	106 583	.9
Saline	424	2.9	14 250	3.2	37 185	3.2
Sarpy	166	2.2	5 589	3.4	19 822	3.5
Saunders	549	1.9	18 882	1.8	55 166	1.8
Scotts Bluff	411	1.7	20 346	2.2	64 722	2.3
Seward	429	1.5	12 569	1.6	33 069	1.8
Sheridan	441	1.5	111 621	.8	163 702	.9
Sherman	341	2.0	34 668	2.2	93 259	2.3
Sioux	192	1.4	35 392	1.1	61 051	1.3
Stanton	362	1.4	21 173	1.7	70 726	1.6
Thayer	315	2.1	11 870	1.9	31 993	1.9
Thomas	42	2.3	7 052	.6	10 415	.5
Thurston	171	2.0	15 557	1.4	50 806	1.4
Valley	312	2.8	30 505	2.7	80 238	3.1
Washington	344	1.6	16 348	1.8	57 542	1.9
Wayne	404	1.4	24 302	1.3	81 528	1.4
Webster	263	1.7	19 532	1.8	46 337	1.8
Wheeler	113	2.1	31 463	1.6	47 145	1.6
York	266	2.0	6 745	1.6	19 513	1.5

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

1992 CENSUS OF AGRICULTURE

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 27
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44

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

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

Item	Census published farms — Total (number)	Census published farms — Relative standard error of estimate (percent)	Not on mail list [1] — Total (number)	Not on mail list [1] — Relative standard error of estimate (percent)	Percent not on mail list [1] — Total (percent)	Percent not on mail list [1] — Standard error of percent
Farms _____number__	52 923	1.4	1 448	30.6	2.7	.8
Land in farms _____acres __	44 393 129	.7	318 759	35.1	.7	.2
Average size of farm _____acres __	838.8	1.6	220.2	28.4	(X)	(X)
Farms by size:						
Less than 10 acres _____	3 698	1.5	310	71.2	7.7	5.1
10 to 49 acres _____	4 302	1.4	174	99.4	3.9	3.7
Less than 50 acres _____	8 000	1.4	484	57.7	5.7	3.1
50 acres or more _____	44 923	1.5	964	35.9	2.1	.7
50 to 99 acres _____	3 584	1.7	268	71.0	7.0	4.6
100 to 179 acres _____	5 824	2.0	174	99.7	2.9	2.8
180 acres or more _____	35 515	1.4	522	43.8	1.4	.6
Harvested cropland _____ farms __	43 879	1.4	567	45.0	1.3	.6
acres__	16 146 818	.9	158 995	46.1	1.0	.4
Farms by value of sales:						
Less than $1,000 _____	1 979	1.5	137	(H)	6.5	6.1
$1,000 to $2,499 _____	1 987	1.5	310	70.7	13.5	8.3
Less than $2,500 _____	3 966	1.4	447	57.8	10.1	5.3
$2,500 or more _____	48 957	1.5	1 001	36.1	2.0	.7
$2,500 to $9,999 _____	6 685	1.6	135	98.6	2.0	1.9
$10,000 or more _____	42 272	1.5	866	38.7	2.0	.8
Market value of agricultural products sold ____$1,000 __	8 209 691	.5	102 913	48.7	1.2	.7
Farms by standard industrial classification:						
Crops (01) _____	27 687	1.5	555	45.8	2.0	.9
Livestock (02) _____	25 236	1.3	892	40.4	3.4	1.3
Farms by type of organization:						
Individual or family _____	44 577	1.4	1 120	35.6	2.5	.8
Partnership or corporation _____	8 034	1.4	20	89.4	.2	.2
Other _____	312	2.2	–	(X)	–	(X)
Farms by tenure of operator:						
Full owners _____	21 477	1.5	935	38.4	4.2	1.5
Part owners and tenants _____	31 446	1.4	205	85.4	.6	.5
Part owners _____	21 030	1.2	2	(H)	(L)	(L)
Tenants _____	10 416	1.9	202	86.3	1.9	1.6
Operators by place of residence:						
On farm operated _____	36 444	1.3	608	48.4	1.6	.8
Not on farm operated _____	12 539	1.8	396	58.3	3.1	1.7
Not reported _____	3 940	1.3	444	53.8	10.1	4.9
Operators by principal occupation:						
Farming _____	39 123	1.4	405	57.4	1.0	.6
Other _____	13 800	1.6	734	43.9	5.1	2.1
Operators by sex:						
Male _____	50 681	1.4	1 243	33.4	2.4	.8
Female _____	2 242	1.6	205	74.8	8.4	5.7
Operators by race:						
White _____	52 798	1.4	1 140	35.0	2.1	.7
Black and other races _____	125	3.2	–	(X)	–	(X)
Operators by years on present farm:						
4 years or less _____	5 694	2.3	627	46.8	9.9	4.2
5 years or more _____	38 575	1.4	242	77.3	.6	.5
Average years on present farm ____	21.3	2.0	6.0	63.8	(X)	(X)
Not reported _____	8 654	1.4	579	47.4	6.3	2.8
Average age of operator _____	50.7	2.0	48.3	9.6	(X)	(X)

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

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

TIPS [UPF] BATCH_924 [ACEN,J_MCGRANE] ACEN 7/21/94 12:33 PM MACHINE: EPCV21 DATA:VOL1_TIPS_APX_46.TIPS;1 * 7/18/94 08:08:00 TAPE: NOreel FRAME: 28
TSF:TIPS92-08080837.DAT;1 7/18/94 08:08:17 UTF:TIPS93-08080837.DAT;1 7/18/94 08:08:17 META:VOL1_TIPS96_APX_46.DAT;2 7/18/94 08:09:44