
Appendix C.

Statistical Methodology

THE SCREENING PHASE AND THE MAIL LIST MODEL

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

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

- 1) Records on selected agriculture specialty lists that had no other list source,
- 2) Records identified by a mail list model as having a low probability of being a farm.

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

Each address record on the 1997 preliminary census mail list was assigned to a model group by matching record characteristics to model group characteristics. Records belonging to the groups with the highest farm probability were those more likely to be farms. Records with a farm probability of approximately 30 percent or less were selected for screening, along with records included on selected agriculture specialty lists as noted above.

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

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CENSUS SAMPLE DESIGN

All name and address records on the final census mail list were designated to receive a 1997 Census of Agriculture report form. Two different types of census report forms, sample and nonsample, were used to collect data. Sections 1 through 20 and 28 through 32 of the sample form were identical to sections on the nonsample census form. Sample form sections 21 through 27 contained additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, farm-related income, and hired workers. There were 11 regional versions of the nonsample form and 13 regional versions of the sample form with listings of crops varying by region. These different forms were used to reduce the response burden of the census, while providing reliable information on a large number of data items.

The sample form was mailed to all mail list records in Alaska, Hawaii, and Rhode Island and to a sample of records in other States selected from the final mail list. Mail list records were selected into the sample with certainty if they (1) were expected to have large total value of agricultural products sold or large acreage, (2) were multi-unit operations (i.e., separate farms producing under one company organization), (3) were in a county with less than 100 farms in 1992, or (4) had other special characteristics. Farms with special characteristics were abnormal farms, such as institutional farms, experimental and research farms, and Indian reservations. Mail list records in counties containing 100 to 199 farms in 1992 were systematically sampled at a rate of 1 in 2; records in counties containing 200 to 299 farms in 1992 were systematically sampled at a rate of 1 in 4; and records in counties containing 300 or more farms in 1992 were systematically sampled at a rate of 1 in 6. The remaining mail list records not chosen to receive the sample form received the nonsample census form. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

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

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

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

For the 1997 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. The complex edit and imputation system provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

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

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

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

Each execution of the computer edit consisted of records from only one State sorted by reported State and county. For a given execution of the edit, the stored entries in the various matrices were retained in memory only until a succeeding record having acceptable characteristics for the same sections of the report form was processed by the

computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions. An edit run usually consisted of 10,000 or more records.

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

CENSUS ESTIMATION

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

Whole Farm Nonresponse Estimation

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

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

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

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

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

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

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

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

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

Sample Estimation

Sample data estimation determined the population totals that would have resulted from a complete census for the items in sections 21 through 27 of the sample form. The estimates were obtained from a weighting procedure that assigned a weight to each respondent record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing over all sample records.

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

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

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

TVP	SIC	Acres
\$1 to \$999	01, 08 All crops	1 to 69
\$1,000 to \$2,499	02 All livestock	70 or more
\$2,500 to \$4,999		
\$5,000 to \$9,999		
\$10,000 to \$24,999		
\$25,000 to \$49,999		
\$50,000 to \$99,999		
\$100,000 or more		

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

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

depending on whether the county had a 1 in 2, 1 in 4, or 1 in 6 sample selection rate. The collapsing occurred within the 32 initial strata according to a specified collapsing pattern. After the collapsing process was completed, new total farm counts and sample farm counts were computed from each final strata and used to calculate final sample factors.

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

CENSUS SAMPLING ERROR

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

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

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

1. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the true population parameter.
2. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the true population parameter.

The following example illustrates the computations necessary to produce a confidence statement for an estimate. Assume that the estimate of number of farms for a State is 94,382 and the relative standard error of the estimate is 0.1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error; therefore, a 90-percent confidence interval is 94,227 to 94,537 (i.e., 94,382 plus or minus 1.65 x 94).

If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 90 percent of these intervals would contain the true population parameter. Similarly, a 95-percent confidence interval is 94,198 to 94,566 (i.e., 94,382 plus or minus 1.96 x 94).

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

Only a sample of farm operators were asked the sample count items. These items appeared only in sections 21 through 27 of the sample form. Sample count items were included under the following section headings: commercial fertilizers, chemicals, production expenses, farm machinery and equipment, value of land and buildings, farm-related income, and hired workers.

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

Table B provides the generalized reliability estimates of the estimated number of farms in a county that reported complete count and sample count items. The top half of the table shows the percent relative standard errors for estimated number of farms in a county that reported a complete count item, and the bottom half relates to sample count items. These reliability estimates are derived from regression equations. Separate regression equations were used to produce each section of table B. Each regression equation was fit with the estimated number of farms in a county reporting an item as the independent variable and the relative variance of that estimate as the dependent variable for the appropriate counties in the State. To illustrate the use of this table, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 15, is 89. Since hogs and pigs is a complete count data item, refer to the first part of table B and use the estimated percent relative standard error of the estimate from the row with farm count equal to or just less than the estimated number of farms, 89. For this example, the percent relative standard error of the estimate comes from the row for 75 farms reporting. For sample count items, follow the same procedure using the second part of table B. For counties with fewer than 100 farms in the 1992 Census of Agriculture, variability in sample count

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

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

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

Table E presents the standard error for percent change in State totals from 1992 to 1997. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1997 and the 1992 estimate for that characteristic to the 1992 estimate. This ratio is multiplied by 100 to obtain the percent change. The standard error of a percent change estimate is the standard error of the ratio multiplied by 100.

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

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

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

CENSUS NONSAMPLING ERROR

The accuracy of the census counts is affected jointly by sampling errors (described in the previous section) and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to

design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures. Nonsampling errors arise from many sources, including respondent or enumerator error or incorrect data keying, editing, or imputing for missing data. These nonsampling errors are further discussed in this section. Nonsampling error due to mail list incompleteness and duplication as well as misclassification of records on the mail list is called coverage error. The section titled "Coverage Evaluation" discusses the evaluation studies conducted to measure the extent of this error in the census.

Respondent and Enumerator Error

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

Item Nonresponse

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

Processing Error

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

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

COVERAGE EVALUATION

Coverage Overview

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

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

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

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

The first component, mail list undercount, is by far the largest component of coverage error. Duplication, though occurring far less frequently, can involve larger farms and have a larger impact on acreage and sales estimates. The

last two components involve the misclassification of either farms or nonfarms. Misclassification can arise from errors in either reporting or processing the data.

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

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

Area Frame Surveys to Measure Mail List Undercoverage

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

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

Classification Error Survey to Measure Three Types of Coverage Error

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

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

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

Coverage Estimation

The adjusted census total, T, is estimated as the census farm count, C, plus undercount and minus overcount adjustments. Undercount includes 1) farms not on the mail

list (NML) and 2) farms incorrectly classified as nonfarms (ICU). Overcount includes 3) nonfarms incorrectly classified as farms (ICO) and 4) farms duplicated in the census (DUP). Altogether, the adjusted census total is:

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

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

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

Item	Percent of total	Item	Percent of total
Farms	14.6	Corn for grain or seed	8.8
Land in farms	9.9	Wheat for grain	10.6
Estimated market value of land and buildings ¹	9.5	Livestock and poultry inventory:	
Market value of agricultural products sold	7.6	Cattle and calves	11.3
Harvested cropland	9.1	Hogs and pigs	4.2
		Layers 20 weeks old and older .....	.8

¹Data are based on a sample of farms.

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

Farms	Relative standard error of estimate (percent)	Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM		SAMPLE COUNT ITEM	
Number of farms reporting:		Number of farms reporting:	
25	6.6	25	45.6
50	4.4	50	31.7
75	3.4	75	25.4
100	2.8	100	21.6
150	2.0	150	17.0
200	1.4	200	14.1
300 .....	.3	300	10.4
500 .....	.3	500	6.1
750 .....	.2	750 .....	.9
1,000 .....	.2	1,000 .....	.8
1,500 .....	.1	1,500 .....	.7
2,000 .....	.1	2,000 .....	.6

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS BY SIZE			LIVESTOCK		
1 to 9 acres farms..	4 254	.9	Cattle and calves inventory farms..	24 452	.9
10 to 49 acres farms..	18 212	.9	number..	1 437 697	.8
50 to 69 acres farms..	12 604	.8	Beef cows farms..	17 682	.9
70 to 99 acres farms..	342 325	.8	number..	453 127	.9
100 to 139 acres farms..	3 639	.9	Milk cows farms..	2 238	1.1
140 to 179 acres farms..	211 998	.9	number..	127 702	.9
180 to 219 acres farms..	5 767	.9	Cattle and calves sold farms..	23 622	.9
220 to 259 acres farms..	472 952	.9	number..	949 478	.6
260 to 499 acres farms..	5 365	1.0	\$1,000..	546 901	.6
500 to 999 acres farms..	627 260	1.0	Hogs and pigs inventory farms..	7 168	.9
1,000 to 1,999 acres farms..	4 835	1.1	number..	4 679 166	.3
2,000 acres or more farms..	761 081	1.1	Hogs and pigs sold farms..	7 447	.9
	3 548	1.3	number..	9 374 726	.3
	701 415	1.3	\$1,000..	1 064 209	.3
	2 995	1.3	Sheep and lambs of all ages inventory farms..	2 263	1.0
	712 056	1.3	number..	72 544	1.4
	11 688	1.2	Sheep and lambs sold farms..	2 117	1.1
	4 259 520	1.2	number..	60 539	1.5
	11 619	1.2	Horses and ponies inventory farms..	7 603	.8
	8 155 080	1.2	number..	51 690	1.0
			Horses and ponies sold farms..	1 745	1.1
			number..	7 226	2.1
			POULTRY		
			Layers and pullets 13 weeks old and older inventory (see text) farms..	1 747	1.1
			number..	3 722 915	.5
			Layers 20 weeks old and older farms..	1 687	1.1
			number..	3 535 791	.2
			Broilers and other meat-type chickens sold farms..	115	3.3
			number..	363 353	7.5
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			SELECTED CROPS HARVESTED		
Oilseed and grain farming (1111) farms..	50 011	.9	Corn for grain or seed farms..	48 443	1.0
Vegetable and melon farming (1112) farms..	23 392 908	.7	acres..	10 710 072	.7
Fruit and tree nut farming (1113) farms..	437	1.7	bushels..	1 363 015 453	.7
Greenhouse, nursery, and floriculture production (1114) farms..	82 284	1.3	acres..	3 774	1.0
Other crop farming (1119) farms..	445	1.8	tons, green..	1 892 873	.9
Beef cattle ranching and farming (112111) farms..	30 013	1.9	Sorghum for grain or seed farms..	1 117	1.4
Cattle feedlots (112112) farms..	1 409	1.1	acres..	76 990	1.3
Dairy cattle and milk production (11212) farms..	82 734	1.2	bushels..	6 392 482	1.3
Hog and pig farming (1122) farms..	3 068	.9	Wheat for grain farms..	14 822	1.0
Poultry and egg production (1123) farms..	450 217	1.2	acres..	983 556	.8
Sheep and goat farming (1124) farms..	7 391	.8	bushels..	53 954 013	.8
Animal aquaculture and other animal production (1125, 1129) farms..	918 926	1.0	Oats for grain farms..	3 588	1.0
	1 990	1.0	acres..	69 009	1.1
	443 271	.9	Soybeans for beans farms..	4 887 273	1.0
	1 452	1.3	acres..	47 008	1.0
	477 351	1.1	bushels..	9 825 475	.7
	3 369	.9	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms..	415 716 620	.7
	1 056 836	.6	acres..	24 156	.9
	301	1.9	tons, dry..	822 508	.9
	26 951	2.4	Alfalfa hay farms..	2 248 811	.9
	611	1.5	acres..	16 864	.9
	23 053	2.7	tons, dry..	448 404	.9
	2 567	1.0	Vegetables harvested for sale (see text) farms..	1 495 988	.9
	220 236	1.3	acres..	1 262	1.1
			Land in orchards farms..	66 780	.9
			acres..	734	1.4
				8 645	1.8

¹Data are based on a sample of farms.

²Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			FARM PRODUCTION EXPENSES¹		
Farms number..	49 785	1.0	Total farm production expenses farms..	49 870	1.0
Land in farms acres..	25 642 012	.7	Average per farm \$1,000..	5 410 924	.7
Average size of farm acres..	515	1.2	..... dollars..	108 501	1.2
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
Total sales (see text) farms..	49 785	1.0	All farms number..	49 870	1.0
Average per farm \$1,000..	8 486 107	.6	Average per farm \$1,000..	2 791 835	.9
..... dollars..	170 455	1.1	..... dollars..	55 982	1.4
Farms by value of sales:			Farms with net gains ² number..	41 968	1.1
\$10,000 to \$19,999 farms..	6 561	1.0	Average net gain \$1,000..	2 906 083	.9
..... \$1,000..	94 750	1.0	..... dollars..	69 245	1.4
\$20,000 to \$24,999 farms..	2 521	1.3	Farms with net losses number..	7 902	2.6
..... \$1,000..	56 230	1.3	Average net loss \$1,000..	114 247	2.8
\$25,000 to \$39,999 farms..	5 329	1.3	..... dollars..	14 458	3.8
..... \$1,000..	169 368	1.3	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
\$40,000 to \$49,999 farms..	2 914	1.4	Government payments farms..	38 154	1.0
..... \$1,000..	130 265	1.4	..... \$1,000..	335 533	.7
\$50,000 to \$99,999 farms..	9 290	1.3	..... farms..	22 121	1.6
..... \$1,000..	670 478	1.3	..... \$1,000..	122 264	3.2
\$100,000 to \$249,999 farms..	13 434	1.2	..... farms..	7 183	2.7
..... \$1,000..	2 187 028	1.2	..... \$1,000..	58 717	4.5
\$250,000 to \$499,999 farms..	6 719	.5	Gross cash rent or share payments farms..	3 365	4.1
..... \$1,000..	2 306 606	.4	..... \$1,000..	40 971	6.5
\$500,000 or more farms..	3 017	—	Forest products, excluding Christmas trees and maple products farms..	413	12.1
..... \$1,000..	2 871 382	—	..... \$1,000..	2 050	15.9
Sales by commodity or commodity group:			Other farm-related income sources farms..	17 192	1.8
Crops, including nursery and greenhouse crops farms..	47 126	1.0	..... \$1,000..	20 526	3.1
..... \$1,000..	6 527 709	.6	COMMODITY CREDIT CORPORATION LOANS		
Grains farms..	45 589	1.0	Total farms..	6 600	1.0
Corn for grain \$1,000..	6 093 992	.7	..... \$1,000..	287 387	.7
Wheat farms..	41 953	1.0			
..... \$1,000..	3 266 484	.7			
Other grains farms..	13 537	1.1			
..... \$1,000..	163 701	.8			
Soybeans farms..	42 627	1.0			
..... \$1,000..	2 632 088	.7			
Sorghum for grain farms..	909	1.5			
..... \$1,000..	12 902	1.4			
Barley farms..	35	5.5			
..... \$1,000..	126	6.5			
Oats farms..	1 625	1.2			
..... \$1,000..	4 008	1.2			
Other grains farms..	490	1.4			
..... \$1,000..	14 684	1.4			
Cotton and cottonseed farms..	—	—			
..... \$1,000..	—	—			
Tobacco farms..	2	24.2			
..... \$1,000..	(D)	(D)			
Hay, silage, and field seeds farms..	6 861	1.1			
..... \$1,000..	51 313	1.1			
Vegetables, sweet corn, and melons farms..	905	1.2			
..... \$1,000..	62 958	.7			
Fruits, nuts, and berries farms..	260	2.1			
..... \$1,000..	13 501	1.3			
Nursery and greenhouse crops farms..	1 034	1.2			
..... \$1,000..	297 927	.4			
Other crops farms..	52	4.1			
..... \$1,000..	(D)	(D)			
Livestock, poultry, and their products farms..	20 951	1.0			
..... \$1,000..	1 958 398	.4			
Poultry and poultry products farms..	468	1.7			
..... \$1,000..	97 550	.3			
Dairy products farms..	1 938	1.2			
..... \$1,000..	253 092	.8			
Cattle and calves farms..	16 292	1.1			
..... \$1,000..	523 398	.6			
Hogs and pigs farms..	6 520	.9			
..... \$1,000..	1 061 754	.3			
Sheep, lambs, and wool farms..	1 291	1.4			
..... \$1,000..	3 471	2.0			
Other livestock and livestock products (see text) farms..	1 031	1.3			
..... \$1,000..	19 133	2.1			
Value of agricultural products sold directly to individuals for human consumption (see text) farms..	1 166	1.3			
..... \$1,000..	10 702	1.4			

See footnotes at end of table.

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

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

Item	All farms		Farms with sales of \$10,000 or more	
	Percent change from 1992 to 1997	Standard error of estimate	Percent change from 1992 to 1997	Standard error of estimate
Farms	-5.9	1.3	-11.0	1.4
Land in farms	-2	1.1	-1.2	1.1
Average size of farm	6.0	1.8	11.0	2.1
Estimated market value of land and buildings ¹ :				
Average per farm	43.4	2.6	50.6	3.1
Average per acre	37.3	2.4	37.6	2.4
Estimated market value of all machinery and equipment ¹ :				
Average per farm	27.0	2.5	30.7	2.8
Farms by size:				
1 to 9 acres	-15.4	1.3	-35.9	1.5
10 to 49 acres	3.4	1.4	-4.6	1.7
50 to 179 acres	-3.1	1.1	-11.1	1.2
180 to 499 acres	-14.5	1.3	-17.2	1.3
500 to 999 acres	-9.5	1.5	-9.9	1.5
1,000 to 1,999 acres	5.8	.3	5.6	.3
2,000 acres or more	50.5	-	50.5	-
Total cropland	-6.3	1.3	-10.1	1.4
Harvested cropland	-1.0	1.1	-1.3	1.1
farms	-9.7	1.2	-9.9	1.4
acres	1.9	1.1	2.2	1.1
Irrigated land	-1.9	1.4	-4.6	1.4
acres	6.5	1.0	6.4	1.0
Market value of agricultural products sold	16.6	1.0	16.9	1.0
Average per farm	23.9	2.0	31.3	2.4
Crops, including nursery and greenhouse crops	25.1	1.2	25.4	1.2
Livestock, poultry, and their products	-4.6	.7	-4.5	.7
Farms by value of sales:				
Less than \$2,500	33.0	1.7	(X)	(X)
\$2,500 to \$4,999	-9.0	1.3	(X)	(X)
\$5,000 to \$9,999	-13.8	1.3	(X)	(X)
\$10,000 to \$24,999	-23.0	1.2	-23.0	1.2
\$25,000 to \$49,999	-20.5	1.4	-20.5	1.4
\$50,000 to \$99,999	-19.7	1.6	-19.7	1.6
\$100,000 to \$249,999	-9.7	1.5	-9.7	1.5
\$250,000 to \$499,999	22.3	.6	22.3	.6
\$500,000 or more	67.1	-	67.1	-
Total farm production expenses ¹	8.9	1.2	9.0	1.4
Average per farm	15.7	1.9	22.6	2.3
Net cash return from agricultural sales for the farm unit (see text) ¹	-5.9	1.3	-11.1	1.4
Average per farm	25.8	1.7	26.2	1.7
Average per farm	33.7	2.6	42.0	3.0
Operators by principal occupation:				
Farming	-13.0	1.2	-13.9	1.3
Other	5.6	1.5	-2.5	1.9
Operators by days worked off farm:				
Any	-1.9	1.4	-7.7	1.7
200 days or more .....	.7	1.5	-5.2	1.9
Livestock and poultry:				
Cattle and calves inventory	-10.8	1.2	-15.4	1.3
number	-10.2	1.0	-12.2	1.0
Beef cows	-8.8	1.2	-12.5	1.4
number	1.3	1.4	-2	1.4
Milk cows	-26.6	1.2	-27.5	1.3
number	-15.7	1.2	-15.8	1.2
Cattle and calves sold	-10.6	1.2	-15.4	1.3
number	-16.0	.7	-17.4	.7
Hogs and pigs inventory	-46.6	.7	-46.1	.8
number	-17.1	.6	-16.6	.6
Hogs and pigs sold	-47.3	.7	-46.2	.8
number	-9.2	.6	-8.7	.6
Sheep and lambs inventory	-29.4	1.1	-34.3	1.3
number	-34.2	1.2	-40.0	1.4
Layers and pullets 13 weeks old and older inventory (see text)	-22.3	1.3	-29.9	1.5
number	-10.7	.5	-14.3	.5
Broilers and other meat-type chickens sold	-6.5	4.2	-1.8	6.2
number	505.5	62.0	567.6	72.4
Selected crops harvested:				
Corn for grain or seed	-13.0	1.3	-11.1	1.4
acres	-6	1.0	-2	1.0
bushels	-11.1	.9	-10.8	.9
Corn for silage or green chop	-24.6	1.1	-25.1	1.1
acres	-27.7	.9	-27.6	1.0
tons, green	-28.8	1.0	-28.8	1.0
Wheat for grain	-13.1	1.4	-10.4	1.5
acres	-8.6	1.1	-7.8	1.2
bushels	-3	1.2	.4	1.2
Soybeans for beans	-10.2	1.3	-8.7	1.4
acres	10.0	1.2	10.5	1.2
bushels	11.3	1.1	11.6	1.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	-12.1	1.2	-17.0	1.3
acres	-8.9	1.2	-11.7	1.3
tons, dry	-8.7	1.2	-11.4	1.2
Vegetables harvested for sale (see text)	-26.4	1.2	-34.7	1.1
acres	-32.8	.9	-33.1	.9

¹Data are based on a sample of farms.

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

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

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm ¹		Estimated market value of all machinery and equipment ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Illinois	73 051	.8	27 204 780	.7	372	1.1	773 141	1.2	6 606 816	1.0
Adams	1 415	.7	442 081	1.0	312	1.2	439 679	4.4	87 531	4.8
Alexander	166	1.0	71 280	1.6	429	1.9	544 193	4.8	16 308	6.6
Bond	616	1.0	180 064	1.4	292	1.8	423 094	12.1	36 063	6.8
Boone	490	.7	141 426	1.2	289	1.4	650 704	7.7	33 470	9.3
Brown	377	.8	152 160	1.4	404	1.6	446 907	6.8	21 520	10.9
Bureau	1 155	.9	483 993	.9	419	1.3	924 300	3.9	128 613	4.3
Calhoun	433	1.0	99 483	1.9	230	2.1	235 878	10.5	13 515	10.8
Carroll	625	.7	243 305	.8	389	1.1	801 774	4.0	64 375	4.9
Cass	417	.7	192 156	1.2	461	1.4	861 566	7.0	44 151	8.1
Champaign	1 371	.8	567 697	.8	414	1.1	1 201 247	3.3	160 215	4.1
Christian	820	1.0	389 958	1.0	476	1.4	1 171 971	4.4	92 501	4.7
Clark	603	1.1	268 818	1.4	446	1.8	651 155	5.3	69 799	8.0
Clay	627	1.1	238 717	1.4	381	1.8	508 311	4.9	56 391	13.4
Clinton	860	1.1	233 677	1.3	272	1.7	475 973	6.6	74 611	6.3
Coles	681	.7	256 974	1.1	377	1.3	891 520	4.3	62 506	7.5
Cook	237	1.0	39 410	2.8	166	2.9	548 818	7.7	10 302	4.0
Crawford	473	1.1	208 922	1.4	442	1.8	623 034	6.2	46 139	6.1
Cumberland	547	.8	169 773	1.3	310	1.5	596 923	6.5	39 591	7.5
De Kalb	828	.5	368 076	.6	445	.8	1 439 884	3.0	102 019	4.4
De Witt	463	.8	204 896	1.1	443	1.3	1 082 024	8.0	48 717	8.6
Douglas	630	.8	249 551	1.0	396	1.3	1 101 084	6.0	61 155	6.3
Du Page	93	.8	17 103	3.4	184	3.5	765 777	4.6	7 912	3.8
Edgar	766	.7	352 401	.8	460	1.1	1 093 103	4.2	84 397	5.7
Edwards	329	.9	112 917	1.6	343	1.8	483 236	7.2	24 237	10.4
Effingham	1 035	.9	256 786	1.2	248	1.5	496 599	4.8	63 978	6.5
Fayette	1 119	1.0	333 232	1.3	298	1.6	395 032	5.7	58 488	7.3
Ford	550	.6	314 806	.7	572	.9	1 257 005	3.5	70 068	5.5
Franklin	658	.7	179 588	1.3	273	1.4	297 123	8.5	35 388	7.6
Fulton	1 101	.9	424 942	1.1	386	1.4	584 093	4.6	89 088	6.4
Gallatin	238	.9	191 113	.9	803	1.2	1 271 033	3.2	39 135	3.3
Greene	720	.9	327 590	1.1	455	1.5	689 723	6.2	61 031	11.0
Grundy	463	1.2	201 452	1.3	435	1.8	1 317 055	5.9	54 150	7.9
Hamilton	563	.8	214 780	1.0	381	1.3	393 463	4.3	35 567	9.6
Hancock	1 137	.9	438 342	1.1	386	1.4	615 883	5.4	99 521	6.3
Hardin	172	1.2	39 264	2.1	228	2.5	224 477	12.3	4 090	7.6
Henderson	414	.9	202 186	1.1	488	1.4	865 627	6.0	40 188	7.4
Henry	1 344	.8	456 596	.9	340	1.2	711 941	3.6	129 098	5.2
Iroquois	1 393	.9	667 134	.8	479	1.2	1 108 775	3.1	170 839	4.6
Jackson	680	.7	202 558	1.0	298	1.2	393 420	6.3	41 499	12.9
Jasper	729	.8	252 272	1.1	346	1.4	686 636	5.2	72 455	7.3
Jefferson	962	.8	229 512	1.4	239	1.6	285 222	6.4	58 203	9.4
Jersey	481	1.0	164 164	1.5	341	1.8	579 384	6.3	33 298	7.4
Jo Daviess	941	.9	275 750	1.2	293	1.5	408 489	4.7	70 875	6.8
Johnson	515	.8	104 321	1.6	203	1.8	196 190	7.5	16 743	7.7
Kane	650	.7	209 941	.9	323	1.1	1 259 256	4.4	76 553	6.2
Kankakee	831	1.2	351 567	1.2	423	1.7	1 102 218	4.0	109 996	9.9
Kendall	441	.9	167 486	1.2	380	1.5	1 561 276	6.3	53 103	10.9
Knox	928	.8	389 776	1.0	420	1.2	737 334	4.1	84 000	6.5
Lake	335	.6	50 901	1.4	152	1.6	723 279	8.5	26 619	11.9
La Salle	1 581	.9	587 676	1.0	372	1.3	1 013 034	3.4	156 228	4.0
Lawrence	376	.9	182 511	1.1	485	1.4	621 481	7.5	35 131	9.0
Lee	904	.9	393 043	.9	435	1.2	946 745	3.0	97 074	4.6
Livingston	1 380	.7	613 645	.8	445	1.1	1 110 614	3.3	151 085	3.8
Logan	739	.9	380 921	.9	515	1.3	1 371 841	4.0	99 601	4.9
McDonough	824	.9	340 071	1.1	413	1.4	759 467	4.7	75 145	5.3
McHenry	921	.7	242 484	.8	263	1.1	1 038 185	3.3	88 375	5.4
McLean	1 475	.7	696 575	.7	472	1.0	1 278 398	2.7	191 128	3.5
Macon	665	.6	322 875	.8	486	1.0	1 353 816	4.0	82 681	5.0
Macoupin	1 206	.9	395 696	1.1	328	1.4	644 825	3.5	95 142	6.3
Madison	1 195	.7	283 608	1.1	237	1.3	510 071	6.6	84 136	5.7
Marion	882	.7	249 395	1.2	283	1.4	298 312	5.0	47 544	9.6
Marshall	494	1.0	227 521	1.2	461	1.5	999 944	7.3	51 050	10.7
Mason	486	.7	291 579	.8	600	1.0	1 054 013	5.3	70 278	5.3
Massac	400	1.0	103 769	1.6	259	1.9	280 235	6.5	18 427	7.5
Menard	352	.9	170 231	1.2	484	1.5	963 071	8.1	33 494	12.2
Mercer	754	.8	309 591	1.0	411	1.2	660 995	4.5	66 766	6.8
Monroe	556	.9	186 781	1.3	336	1.5	631 566	6.0	58 277	11.7
Montgomery	980	1.0	361 022	1.2	368	1.5	685 525	5.5	80 432	6.1
Morgan	780	.9	305 585	1.1	392	1.5	886 862	4.4	79 109	6.0
Moultrie	464	.7	172 657	1.0	372	1.2	1 149 073	5.3	51 658	8.8
Ogle	1 099	.8	379 419	.9	345	1.2	834 240	3.9	97 393	4.1
Peoria	924	.8	267 283	1.2	289	1.4	608 718	4.9	59 200	6.5
Perry	551	1.1	172 013	1.6	312	2.0	309 683	4.8	37 747	13.9
Piatt	448	.6	253 317	.8	565	1.0	1 579 008	5.6	72 943	8.6
Pike	1 028	.9	461 360	1.0	449	1.3	645 143	3.1	84 473	4.9
Pope	282	.7	72 233	1.8	256	2.0	201 975	8.1	7 246	10.2
Pulaski	239	1.1	83 127	1.4	348	1.8	400 179	11.1	13 250	4.1
Putnam	190	1.0	76 950	2.1	405	2.4	1 126 101	6.4	28 732	7.5
Randolph	843	.7	262 464	1.1	311	1.3	449 544	5.9	57 938	7.2
Richland	495	1.0	197 224	1.3	398	1.7	614 315	5.0	48 358	7.4
Rock Island	618	.7	170 072	1.3	275	1.5	498 631	6.2	35 537	5.4
St. Clair	844	.8	264 507	1.0	313	1.3	668 802	4.6	69 986	5.1
Saline	441	.9	130 680	1.5	296	1.8	300 959	7.1	29 592	14.3
Sangamon	993	.7	466 956	.7	470	1.0	1 165 061	4.2	116 953	6.0

See footnotes at end of table.

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

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

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm ¹		Estimated market value of all machinery and equipment ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Schuyler	477	.8	208 935	1.4	438	1.6	431 722	6.2	31 698	10.1
Scott	327	1.1	145 529	1.6	445	1.9	693 580	7.8	22 534	9.1
Shelby	1 250	.9	418 688	1.1	335	1.4	651 007	4.5	92 227	5.4
Stark	354	.7	179 711	.9	508	1.1	1 112 680	6.6	33 531	5.8
Stephenson	1 081	.9	308 574	1.0	285	1.4	547 290	4.1	92 848	5.2
Tazewell	909	.5	328 289	.7	361	.9	1 005 963	4.3	85 228	5.6
Union	591	.8	136 060	1.5	230	1.7	341 413	9.8	28 418	17.6
Vermilion	984	.8	484 846	.8	493	1.2	1 182 954	3.0	143 182	7.5
Wabash	212	.7	121 664	1.0	574	1.2	1 200 315	7.1	34 097	10.8
Warren	710	.8	315 067	.9	444	1.2	1 041 399	3.5	69 126	6.0
Washington	777	1.0	308 576	1.1	397	1.5	628 741	5.5	77 004	4.0
Wayne	972	.8	320 773	1.0	330	1.3	325 401	4.4	56 853	7.0
White	432	.7	256 393	.8	594	1.0	809 114	3.4	48 890	5.8
Whiteside	1 039	.7	384 738	.8	370	1.1	783 852	3.2	103 075	4.1
Will	910	.9	293 526	1.2	323	1.5	1 090 920	5.6	73 110	6.8
Williamson	585	.6	92 289	1.7	158	1.8	214 131	11.5	23 500	15.6
Winnebago	687	.7	195 621	1.1	285	1.3	585 319	5.5	47 703	5.3
Woodford	923	.6	299 763	.9	325	1.1	953 959	3.6	91 675	6.0
Geographic area	Average market value of all machinery and equipment per farm ¹		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses ¹			
	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total farm production expenses			
							Farms		Value	
							Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Illinois	90 447	1.3	8 556 486	.6	117 130	1.0	73 046	.8	5 542 904	.7
Adams	61 728	4.8	120 787	.9	85 362	1.1	1 418	.8	77 028	2.2
Alexander	98 837	6.9	13 213	1.6	79 596	1.9	165	2.0	9 134	5.3
Bond	58 449	6.9	45 785	1.5	74 326	1.8	617	1.2	29 075	4.7
Boone	68 167	9.4	53 693	1.0	109 577	1.2	491	.9	37 839	4.6
Brown	57 083	10.9	30 356	1.3	80 520	1.5	377	1.0	19 714	5.8
Bureau	111 354	4.4	198 887	.7	172 197	1.2	1 155	1.0	136 330	1.7
Calhoun	31 140	10.9	18 517	2.1	42 765	2.3	434	1.2	10 174	7.0
Carroll	103 165	5.0	123 059	.6	196 895	.9	624	.9	92 009	1.5
Cass	106 133	8.2	74 171	.8	177 869	1.1	416	.9	49 148	2.8
Champaign	116 860	4.1	190 040	.8	138 614	1.1	1 371	.8	104 603	2.1
Christian	112 806	4.8	123 058	.9	150 070	1.3	820	1.0	67 707	2.0
Clark	115 752	8.1	63 239	1.3	104 874	1.7	603	1.3	43 237	3.0
Clay	89 938	13.5	49 244	1.4	78 538	1.8	627	1.4	31 896	3.8
Clinton	86 858	6.4	106 672	.9	124 038	1.4	859	1.2	81 258	1.7
Coles	91 920	7.6	72 881	1.1	107 021	1.3	680	.9	42 422	3.6
Cook	43 287	4.2	21 387	1.3	90 238	1.6	238	1.4	14 622	4.3
Crawford	97 340	6.3	52 005	1.2	109 948	1.6	474	1.3	39 796	3.9
Cumberland	72 511	7.5	53 864	1.0	98 472	1.3	546	.9	36 210	4.6
De Kalb	122 914	4.5	183 396	.4	221 493	.7	830	.7	132 720	1.5
De Witt	105 448	8.7	68 830	1.0	148 660	1.3	462	1.0	36 645	4.6
Douglas	97 225	6.4	80 387	1.0	127 598	1.3	629	.9	50 573	4.1
Du Page	85 079	5.2	17 637	1.5	189 644	1.7	93	3.6	15 583	1.3
Edgar	110 323	5.7	165 386	.5	215 908	.9	765	.9	97 158	1.4
Edwards	73 668	10.5	27 708	1.6	84 218	1.9	329	1.2	17 345	5.8
Effingham	61 815	6.6	79 036	1.1	76 363	1.4	1 035	1.0	55 856	3.9
Fayette	52 315	7.3	71 974	1.3	64 320	1.6	1 118	1.0	41 402	3.4
Ford	127 629	5.6	100 090	.7	181 983	.9	549	.8	55 715	2.5
Franklin	53 862	7.6	31 638	1.4	48 082	1.5	657	.9	22 022	6.2
Fulton	80 915	6.5	98 853	1.0	89 785	1.3	1 101	1.1	62 690	2.8
Gallatin	165 127	3.5	45 212	.8	189 965	1.2	237	1.1	31 945	2.2
Greene	84 648	11.0	105 750	.8	146 875	1.2	721	1.0	74 251	2.6
Grundy	116 954	8.1	59 233	1.3	127 933	1.8	463	1.6	36 345	4.2
Hamilton	63 287	9.7	38 810	1.0	66 934	1.3	562	1.1	23 032	5.1
Hancock	87 453	6.3	125 938	1.0	110 764	1.3	1 138	.9	76 799	3.0
Hardin	23 916	7.8	3 160	1.8	18 372	2.2	171	1.9	2 761	6.0
Henderson	96 606	7.5	60 210	1.1	145 435	1.4	416	1.3	41 184	3.4
Henry	96 127	5.2	179 062	.7	133 231	1.1	1 343	.8	127 755	2.3
Iroquois	122 553	4.7	240 042	.7	172 320	1.1	1 394	1.0	153 337	1.9
Jackson	61 118	12.9	37 015	1.1	54 434	1.3	679	.9	23 085	5.7
Jasper	99 526	7.3	85 983	.9	117 947	1.2	728	.9	53 657	2.4
Jefferson	60 565	9.4	35 217	1.5	36 608	1.7	961	.9	27 678	8.1
Jersey	69 083	7.5	40 316	1.5	83 817	1.8	482	1.2	28 962	3.9
Jo Daviess	75 479	6.9	72 580	1.2	77 131	1.5	939	1.0	57 288	3.4
Johnson	32 574	7.7	10 720	2.2	20 815	2.3	514	.9	10 486	12.2
Kane	117 412	6.2	122 734	.5	188 822	.9	652	.8	87 769	1.7
Kankakee	132 048	10.0	132 882	.9	159 906	1.5	833	1.3	85 252	2.6
Kendall	119 871	10.9	58 758	1.0	133 238	1.3	443	1.0	42 302	5.3
Knox	90 517	6.5	130 303	.8	140 413	1.1	928	.8	82 820	2.3
Lake	78 754	11.9	32 246	1.0	96 256	1.2	338	.8	25 200	5.4

See footnotes at end of table.

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

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

Geographic area	Average market value of all machinery and equipment per farm ¹		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses ¹			
	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total farm production expenses			
							Farms		Value	
							Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
La Salle	98 629	4.1	183 148	.9	115 843	1.3	1 584	1.0	114 467	2.2
Lawrence	93 682	9.1	55 206	.8	146 824	1.2	375	1.0	41 292	4.1
Lee	107 383	4.7	136 216	.8	150 681	1.2	904	1.0	96 934	2.4
Livingston	109 403	3.9	213 643	.7	154 814	1.0	1 381	.8	121 874	2.0
Logan	134 961	5.0	133 249	.8	180 310	1.2	738	1.1	80 985	2.2
McDonough	90 974	5.4	96 818	1.0	117 497	1.4	826	1.0	54 820	3.1
McHenry	95 644	5.5	109 147	.7	118 509	1.0	924	.8	83 886	2.0
McLean	129 578	3.6	238 243	.7	161 521	1.0	1 475	.8	133 890	1.8
Macon	124 520	5.1	105 734	.7	158 998	.9	664	.8	57 762	2.5
Macoupin	78 760	6.4	120 711	.9	100 092	1.3	1 208	1.0	80 394	2.6
Madison	70 407	5.7	86 104	1.0	72 054	1.2	1 195	.9	61 947	2.6
Marion	53 966	9.6	55 599	1.0	63 037	1.3	881	.8	36 683	2.6
Marshall	103 340	10.7	67 644	1.1	136 931	1.5	494	1.2	39 913	3.8
Mason	144 606	5.3	84 384	.7	173 629	1.0	486	.8	51 603	2.8
Massac	46 182	7.7	19 919	1.9	49 797	2.2	399	1.3	13 775	9.2
Menard	95 152	12.3	52 380	1.1	148 808	1.4	352	1.3	29 416	5.8
Mercer	88 667	6.9	92 148	.9	122 212	1.2	753	.9	61 165	2.2
Monroe	104 814	11.7	49 384	1.1	85 821	1.4	556	1.0	35 811	3.4
Montgomery	82 073	6.2	109 153	1.0	111 381	1.4	980	1.1	67 443	3.0
Morgan	101 421	6.1	96 148	1.0	123 266	1.3	780	1.1	57 515	2.3
Moultrie	111 332	8.8	55 951	1.0	120 583	1.2	464	1.0	33 857	4.0
Ogle	88 781	4.2	148 907	.8	135 493	1.1	1 097	.9	108 615	1.8
Peoria	64 069	6.6	77 189	1.1	83 538	1.4	924	1.0	49 478	3.8
Perry	68 506	13.9	28 517	1.8	51 756	2.1	551	1.1	18 477	7.2
Piatt	163 184	8.6	83 439	.7	186 248	.9	447	.9	46 846	5.1
Pike	82 093	5.0	123 842	.7	120 469	1.1	1 029	1.0	85 548	2.0
Pope	25 788	10.3	4 720	2.5	16 738	2.6	281	1.0	3 682	9.2
Pulaski	55 674	4.3	15 328	1.6	64 134	2.0	238	1.4	9 817	4.3
Putnam	151 223	7.6	41 977	1.1	220 931	1.5	190	1.4	31 135	2.8
Randolph	68 809	7.3	50 239	1.1	59 596	1.3	842	.9	29 799	4.6
Richland	97 892	7.5	59 412	1.0	120 024	1.4	494	1.2	42 613	2.9
Rock Island	57 596	5.5	49 789	1.2	80 565	1.4	617	.9	34 099	3.3
St. Clair	83 020	5.2	78 193	.9	92 646	1.2	843	1.0	50 524	3.3
Saline	67 255	14.3	33 115	1.3	75 091	1.6	440	1.1	21 603	5.4
Sangamon	117 659	6.1	162 564	.6	163 710	.9	994	.8	95 225	1.8
Schuyler	66 313	10.2	39 747	1.3	83 327	1.5	478	1.0	22 310	4.1
Scott	68 703	9.2	34 929	1.5	106 817	1.9	328	1.4	20 111	6.0
Shelby	73 781	5.4	112 466	1.0	89 973	1.3	1 250	.9	69 087	2.9
Stark	94 722	5.9	65 450	.9	184 888	1.1	354	1.0	37 255	5.3
Stephenson	85 971	5.3	142 015	.9	131 374	1.2	1 080	1.0	104 441	2.1
Tazewell	93 761	5.6	123 163	.6	135 493	.8	909	.7	72 123	2.0
Union	48 186	17.6	20 720	1.4	35 059	1.6	590	.9	17 082	10.3
Vermilion	145 658	7.5	140 159	.8	142 438	1.2	983	.9	82 279	2.3
Wabash	161 596	10.9	30 784	1.2	145 209	1.4	211	1.3	22 967	6.1
Warren	97 498	6.0	105 083	.9	148 004	1.2	709	.9	63 206	2.8
Washington	99 104	4.1	87 954	1.0	113 197	1.4	777	1.1	56 125	2.5
Wayne	58 491	7.0	70 920	.9	72 963	1.1	972	.9	47 053	2.5
White	113 434	5.9	61 272	.7	141 834	.9	431	.9	38 293	2.9
Whiteside	99 302	4.2	156 992	.7	151 099	1.0	1 038	.8	111 451	1.9
Will	80 164	6.9	107 129	.9	117 724	1.3	912	1.0	69 459	2.8
Williamson	40 241	15.6	11 422	2.0	19 524	2.1	584	.9	9 059	11.5
Winnebago	69 538	5.4	68 904	1.0	100 297	1.2	686	.9	47 944	2.4
Woodford	99 323	6.0	107 254	.8	116 202	1.0	923	.8	67 945	2.4

Farm production expenses¹—Con.

Geographic area	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Illinois	15 984	1.8	334 161	1.3	27 101	1.4	567 098	1.0	55 956	1.0	460 125	.9
Adams	362	9.9	8 061	7.9	677	6.4	13 003	4.5	1 097	3.0	5 465	4.3
Alexander	14	21.8	29	21.1	42	17.4	66	31.8	111	6.4	921	6.5
Bond	90	29.4	669	9.2	221	13.4	4 673	27.1	411	5.1	2 167	8.6
Boone	135	20.8	2 060	10.4	210	14.7	3 575	16.9	367	7.1	2 763	7.8
Brown	90	23.0	2 030	10.0	158	15.0	2 857	9.6	255	7.3	1 356	7.6
Bureau	262	12.5	8 233	9.9	353	10.5	8 524	6.3	1 004	2.3	11 170	2.2
Calhoun	62	25.2	122	18.5	186	12.9	2 126	8.4	271	8.5	814	14.7
Carroll	279	8.9	18 048	3.7	349	7.4	11 264	3.2	475	3.7	5 427	3.0
Cass	80	22.1	2 660	2.6	107	18.2	11 688	2.8	307	6.3	2 810	8.0
Champaign	133	19.6	1 433	11.5	211	15.2	3 254	24.1	1 275	1.8	10 672	3.1
Christian	131	18.5	856	20.1	277	12.5	3 297	16.9	708	3.6	7 793	4.3
Clark	69	27.2	1 014	19.5	175	17.5	2 843	6.8	466	5.8	4 209	7.0
Clay	87	21.8	871	18.6	212	15.4	1 399	17.3	463	4.9	2 900	7.6
Clinton	357	10.1	6 666	8.0	523	7.3	22 189	3.9	707	3.7	3 766	8.0

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	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)
Coles	116	22.0	697	20.1	203	14.5	1 072	18.7	574	4.3	4 928	4.3
Cook	40	27.5	179	32.3	39	28.2	(D)	(D)	99	12.6	1 307	2.7
Crawford	63	28.8	1 177	5.0	173	13.4	7 508	7.3	417	4.4	3 161	7.7
Cumberland	93	23.6	2 435	13.2	155	16.1	4 814	11.8	440	4.9	3 388	7.9
De Kalb	164	13.8	16 335	2.5	226	10.4	18 662	4.5	741	2.6	8 402	3.3
De Witt	43	35.3	762	18.4	72	26.7	1 783	18.9	422	3.6	4 092	7.4
Douglas	124	18.5	2 567	43.9	146	17.5	2 447	20.9	528	4.3	4 537	7.9
Du Page	14	9.0	60	4.2	18	8.2	(D)	(D)	57	4.3	1 907	1.0
Edgar	135	17.9	2 321	9.9	226	11.8	(D)	(D)	623	3.7	6 577	4.2
Edwards	77	25.0	445	25.1	155	15.1	2 313	13.5	268	4.2	1 650	10.7
Effingham	304	10.8	4 516	16.8	498	7.4	8 852	7.8	857	3.1	3 751	5.2
Fayette	256	13.3	1 265	20.0	451	8.8	2 642	22.0	714	4.5	3 997	4.5
Ford	67	23.8	2 410	11.6	108	18.2	2 589	2.0	514	1.6	5 453	3.3
Franklin	66	19.9	658	26.9	127	19.0	1 297	11.3	315	6.6	1 960	11.8
Fulton	265	13.7	3 974	8.1	442	9.0	4 927	10.3	862	3.1	5 606	5.0
Gallatin	17	30.9	380	5.4	70	17.4	655	4.1	167	3.9	3 270	3.1
Greene	186	14.8	15 955	3.0	348	9.6	8 800	7.3	570	4.0	5 208	5.6
Grundy	37	38.1	231	9.1	87	23.4	737	8.4	440	2.3	4 041	3.8
Hamilton	92	24.8	601	8.4	176	16.4	1 172	42.9	301	5.7	1 834	5.2
Hancock	249	13.9	4 500	8.3	538	8.0	8 171	10.2	900	2.5	6 916	4.8
Hardin	27	22.1	331	3.6	92	9.1	397	4.3	52	14.4	149	13.8
Henderson	148	16.4	3 566	21.1	218	11.6	2 250	12.4	364	4.4	3 459	5.0
Henry	551	7.4	13 716	7.8	740	5.4	22 595	5.4	1 064	3.3	7 975	2.5
Iroquois	239	13.9	7 896	3.7	409	10.0	16 496	1.7	1 287	1.9	13 721	3.1
Jackson	161	15.6	801	14.5	290	10.5	2 827	20.5	318	8.2	1 535	9.0
Jasper	170	16.4	3 070	8.6	280	11.0	7 497	7.5	595	4.2	3 858	4.9
Jefferson	191	14.0	1 029	14.1	424	8.0	2 580	17.2	477	6.3	2 257	9.7
Jersey	131	16.5	2 674	20.0	216	11.6	2 307	16.8	385	3.9	2 961	11.1
Jo Daviess	392	8.4	6 804	11.1	533	6.1	7 568	9.0	696	4.0	2 950	5.2
Johnson	114	22.0	1 372	28.9	253	10.5	690	18.5	148	16.3	612	30.9
Kane	120	21.0	6 698	14.6	202	14.1	3 215	10.5	503	4.3	7 785	2.2
Kankakee	126	24.1	2 642	11.1	171	19.5	6 293	8.4	729	3.2	7 305	3.7
Kendall	80	28.0	1 463	7.1	119	22.0	1 901	16.9	406	2.5	3 811	6.9
Knox	311	10.2	6 299	5.5	412	8.3	12 298	2.0	740	2.9	6 049	6.4
Lake	62	30.8	385	18.4	113	20.5	1 248	9.3	191	12.8	1 908	10.9
La Salle	240	13.8	5 419	10.7	391	10.0	4 519	10.6	1 408	1.8	11 253	3.3
Lawrence	72	23.6	2 524	6.6	148	15.7	11 785	1.9	243	6.9	3 469	7.1
Lee	234	12.7	8 015	4.8	267	12.1	4 883	7.1	780	2.5	7 973	3.8
Livingston	180	14.5	6 871	10.5	300	11.1	16 334	5.3	1 295	1.4	11 043	3.5
Logan	143	18.7	2 728	18.0	205	14.3	7 620	8.0	628	2.9	6 632	4.2
McDonough	198	15.4	3 033	9.8	374	10.0	3 325	13.0	647	3.1	5 509	4.0
McHenry	236	12.3	6 075	5.1	424	7.1	6 327	4.4	600	3.9	6 087	2.6
McLean	231	12.8	5 707	6.1	342	10.2	6 905	7.4	1 278	1.8	14 083	5.1
Macon	80	21.1	1 231	7.4	161	15.5	1 049	10.6	540	3.8	6 130	4.6
Macoupin	310	10.9	7 379	7.2	554	7.2	9 785	11.5	907	3.1	6 345	3.9
Madison	415	10.7	3 543	17.0	671	6.4	3 835	10.9	790	4.0	4 398	6.1
Marion	180	16.5	3 621	11.5	306	11.7	10 252	6.2	501	6.1	2 033	9.3
Marshall	67	27.7	725	8.5	109	21.5	1 192	9.7	462	2.1	4 322	5.4
Mason	38	27.6	306	13.3	88	19.3	2 005	5.7	391	3.9	4 231	4.3
Massac	102	20.8	439	15.8	184	12.7	2 343	28.3	198	9.0	965	9.2
Menard	65	26.2	1 920	2.8	157	15.5	2 441	6.0	291	5.8	2 839	8.9
Mercer	199	13.5	3 450	9.9	355	9.5	6 076	5.6	569	3.2	4 894	3.0
Monroe	139	19.9	1 606	22.5	272	11.6	6 151	10.8	395	6.7	2 735	8.9
Montgomery	274	13.0	3 354	7.1	393	10.0	7 493	8.6	765	3.5	5 563	5.4
Morgan	160	14.2	2 523	4.0	283	10.4	6 558	8.2	625	3.8	5 081	3.5
Moultrie	132	17.9	1 089	23.1	169	14.3	2 003	15.7	399	3.9	3 104	4.6
Ogle	325	9.1	10 386	6.0	468	7.2	11 142	5.0	824	2.7	7 199	2.4
Peoria	258	13.6	2 553	21.7	404	9.5	4 570	22.0	733	3.4	4 539	6.5
Perry	124	21.6	676	28.2	212	13.3	1 258	25.9	364	6.3	1 671	10.3
Piatt	16	51.6	1 002	.1	37	38.3	1 408	2.2	429	2.9	4 574	5.6
Pike	292	10.8	9 153	7.5	499	7.2	12 278	3.5	769	3.9	6 158	3.4
Pope	55	23.0	217	27.5	131	13.1	422	7.2	89	14.2	188	20.3
Pulaski	36	34.5	162	38.5	90	16.7	189	21.6	107	6.4	864	5.9
Putnam	56	18.8	1 110	20.8	73	15.2	1 215	30.0	159	2.6	3 338	3.7
Randolph	200	15.8	2 136	18.2	415	8.6	3 576	20.8	604	4.7	2 601	7.5
Richland	79	22.3	2 198	3.9	83	22.0	9 313	1.2	366	4.2	2 928	4.0
Rock Island	185	14.0	2 002	23.5	279	10.6	2 989	8.7	457	5.2	2 778	6.5
St. Clair	131	20.0	1 126	17.5	262	13.6	3 149	12.1	680	3.4	4 616	6.4
Saline	86	21.4	1 499	6.7	182	13.5	2 725	8.4	294	8.0	1 551	8.2
Sangamon	187	16.7	2 190	14.1	338	10.1	6 757	5.2	791	2.8	8 592	3.8
Schuyler	131	20.3	986	12.2	207	14.1	2 568	19.8	391	3.4	1 870	5.9
Scott	79	23.5	881	14.0	177	12.9	1 655	17.9	250	5.9	1 850	8.6
Shelby	239	13.4	4 256	23.8	415	9.4	5 863	6.8	1 008	2.4	6 476	4.6
Stark	126	15.3	1 311	12.0	151	14.2	3 396	22.6	289	4.4	3 103	6.4
Stephenson	432	8.7	7 685	7.7	678	5.1	20 710	3.5	820	2.7	5 672	5.2
Tazewell	223	14.2	3 104	11.6	375	9.0	11 752	4.5	735	3.7	6 041	3.7
Union	119	21.5	648	33.0	236	11.9	752	16.7	244	13.1	1 182	23.4
Vermilion	114	21.4	1 094	13.7	228	13.8	1 638	9.1	856	2.1	8 369	3.3
Wabash	22	20.8	124	10.8	79	18.5	825	34.4	176	4.7	2 541	9.6
Warren	160	15.2	4 078	13.3	277	11.1	4 608	9.0	584	3.3	5 569	4.3

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Washington	142	16.5	2 767	11.1	269	12.6	8 205	11.5	628	3.9	3 685	5.5
Wayne	202	14.7	3 087	9.5	343	10.0	6 824	8.1	600	4.6	3 359	6.0
White	76	23.1	790	8.7	150	15.6	2 264	11.8	285	6.5	3 948	5.6
Whiteside	301	10.6	15 603	5.4	475	7.3	11 261	4.1	833	2.3	7 336	2.9
Will	86	19.6	635	12.0	198	14.8	1 918	10.5	698	2.9	7 747	9.4
Williamson	80	23.4	301	28.0	235	12.1	1 448	37.8	206	11.6	525	28.7
Winnebago	175	14.7	3 412	18.3	264	10.7	3 541	14.0	514	4.0	3 852	6.2
Woodford	170	14.5	2 466	17.1	287	11.0	6 133	8.2	780	2.8	6 163	4.5
Geographic area	Farm production expenses ¹ —Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Illinois	55 963	1.0	714 914	.9	53 603	1.0	548 362	1.0	68 955	.9	309 146	.9
Adams	1 106	2.8	9 321	5.1	1 042	3.4	6 109	5.4	1 376	1.4	4 086	5.1
Alexander	115	6.1	1 167	10.3	104	7.1	1 146	8.6	165	2.0	736	6.4
Bond	383	5.5	3 778	9.0	403	5.7	3 410	10.2	558	3.5	1 767	6.8
Boone	305	7.8	3 296	11.0	332	8.1	2 857	11.0	468	2.8	1 829	7.2
Brown	253	8.8	1 941	7.0	255	6.6	1 638	7.7	327	3.5	972	9.5
Bureau	986	2.6	16 579	4.7	1 028	2.3	13 319	3.8	1 130	1.4	7 552	4.8
Calhoun	317	6.7	1 212	12.4	287	6.7	811	15.9	414	2.8	611	10.8
Carroll	462	4.1	7 927	3.5	438	3.8	5 634	3.4	595	1.9	4 975	2.7
Cass	325	6.3	3 567	6.7	312	7.2	3 102	12.5	393	3.0	2 143	5.3
Champaign	1 254	2.0	16 895	3.2	1 223	2.4	13 595	3.3	1 333	1.4	6 324	4.7
Christian	674	3.1	11 956	5.1	641	3.8	7 319	4.9	777	2.6	4 145	3.4
Clark	472	5.4	7 393	6.1	421	5.1	5 546	7.0	545	3.8	2 830	4.5
Clay	500	3.9	5 456	5.7	463	4.7	4 359	7.1	584	2.6	2 296	6.4
Clinton	678	4.1	7 819	9.0	724	3.6	5 633	10.3	851	1.4	3 193	3.5
Coles	545	4.7	6 918	4.9	526	4.8	5 459	6.7	645	2.7	2 591	4.9
Cook	95	13.0	595	2.9	88	13.9	427	4.2	207	4.1	816	6.5
Crawford	428	3.5	6 104	7.9	393	5.7	3 791	9.4	463	2.4	2 376	7.3
Cumberland	420	5.7	5 715	9.3	404	6.6	3 070	9.4	510	3.5	2 304	10.1
De Kalb	692	3.4	11 319	4.3	697	3.4	9 518	4.7	807	1.6	6 318	3.7
De Witt	382	5.6	6 030	9.0	429	3.2	5 418	7.4	455	1.6	2 223	11.1
Douglas	529	4.5	7 211	7.1	520	4.7	4 781	7.0	613	1.9	3 028	7.0
Du Page	55	4.4	460	5.7	45	4.6	407	3.4	83	3.8	1 032	2.7
Edgar	632	3.8	10 420	5.4	608	4.3	7 512	6.1	707	2.3	4 473	5.5
Edwards	255	5.3	2 747	9.8	243	6.1	2 172	10.5	290	4.7	975	11.5
Effingham	852	3.6	6 510	4.2	818	3.3	4 651	6.6	982	1.8	3 365	4.7
Fayette	763	4.4	7 556	7.3	692	4.9	4 889	10.4	1 014	2.2	3 072	4.2
Ford	517	1.9	9 085	4.5	480	3.3	6 919	5.6	534	1.8	3 035	3.9
Franklin	382	6.2	4 041	7.5	276	8.8	2 598	13.1	568	3.5	1 451	7.5
Fulton	803	3.9	8 532	5.9	824	3.6	6 233	6.3	1 071	1.5	4 147	4.3
Gallatin	167	6.6	5 639	6.1	170	5.5	4 532	4.3	227	2.9	2 016	4.6
Greene	540	4.5	8 247	6.4	531	4.6	5 489	7.3	667	2.2	3 119	4.5
Grundy	409	3.5	5 339	5.7	424	3.2	4 987	5.7	454	2.1	2 559	6.9
Hamilton	353	6.5	4 290	4.0	297	8.1	3 706	4.8	464	4.4	1 426	3.8
Hancock	895	3.6	9 245	7.6	870	3.1	7 938	6.8	1 086	1.7	4 450	6.9
Hardin	80	9.1	205	8.6	34	17.9	179	7.5	163	2.8	206	7.4
Henderson	374	3.7	5 701	9.1	338	5.6	3 750	5.6	397	3.3	2 413	6.2
Henry	1 021	3.5	12 136	3.5	1 022	3.6	9 767	3.3	1 307	1.2	6 101	2.8
Iroquois	1 244	2.4	21 123	3.9	1 205	2.7	16 224	4.2	1 352	1.6	7 751	3.6
Jackson	381	7.7	2 222	6.3	249	11.3	1 564	4.6	643	2.1	1 506	5.8
Jasper	628	3.5	6 888	5.0	593	4.4	5 382	5.9	690	2.3	3 397	4.4
Jefferson	580	5.2	5 189	12.0	470	6.3	2 808	8.5	780	3.0	2 046	11.9
Jersey	399	4.8	4 134	8.9	386	5.5	3 252	10.3	464	2.5	1 530	5.5
Jo Daviess	639	4.2	4 693	6.4	639	5.1	3 140	7.0	895	1.9	3 470	5.5
Johnson	295	8.4	955	9.9	158	16.5	543	9.3	449	4.0	582	7.0
Kane	520	4.6	7 173	5.5	467	5.3	6 004	4.8	626	2.0	4 151	2.4
Kankakee	702	4.2	11 779	5.4	664	4.3	7 812	5.7	805	2.2	5 338	5.1
Kendall	383	4.0	5 104	9.6	330	7.8	3 984	10.0	442	1.0	2 848	14.1
Knox	714	3.3	8 587	6.2	734	3.2	6 795	5.9	872	1.9	4 029	3.8
Lake	175	12.5	1 650	26.1	192	11.9	1 112	18.6	298	4.7	1 230	10.3
La Salle	1 328	2.3	15 572	3.7	1 306	2.9	13 117	4.2	1 541	1.5	6 609	5.0
Lawrence	242	7.6	4 963	7.9	224	8.4	3 555	10.7	328	4.5	2 168	9.2
Lee	764	2.5	12 231	4.1	782	2.6	11 076	4.1	869	2.0	4 765	3.5
Livingston	1 200	2.4	17 103	3.9	1 239	2.1	13 443	4.3	1 356	1.1	6 839	3.4
Logan	661	3.1	11 535	5.2	644	3.7	8 681	5.6	728	1.7	4 667	5.6
McDonough	633	2.8	7 483	5.7	534	5.8	5 842	5.9	776	2.4	3 086	4.9
McHenry	616	4.8	7 255	5.2	552	5.0	6 009	4.7	862	2.1	4 283	4.6
McLean	1 221	2.3	21 371	3.3	1 185	2.7	16 954	3.8	1 460	1.1	8 105	3.2
Macon	554	3.8	9 905	4.1	527	4.0	7 711	4.6	635	2.2	3 413	3.4
Macoupin	897	3.3	10 290	4.0	925	3.3	8 087	4.2	1 140	2.0	3 943	3.4

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Madison	818	4.5	6 989	7.4	808	3.7	7 077	6.8	1 140	1.6	3 593	6.1
Marion	524	6.0	4 305	6.8	521	5.8	3 367	8.3	771	2.5	1 632	5.1
Marshall	448	2.8	6 876	7.6	432	2.9	5 396	7.4	456	3.5	2 143	9.0
Mason	421	3.9	9 420	4.8	387	4.7	5 916	4.8	456	2.2	3 406	10.9
Massac	264	6.7	2 194	9.1	193	11.5	1 405	12.7	366	3.5	866	7.3
Menard	284	6.7	4 307	10.6	268	7.1	2 874	10.5	336	3.2	1 474	9.9
Mercer	592	3.4	8 688	3.6	574	4.1	6 964	4.0	723	1.5	3 263	5.2
Monroe	421	6.1	4 101	8.1	373	7.3	2 866	8.7	528	2.9	1 867	5.9
Montgomery	777	2.9	10 352	6.7	777	3.8	6 408	6.6	904	2.5	3 440	5.1
Morgan	613	4.1	7 786	4.4	580	4.6	6 139	4.9	696	3.1	3 258	4.7
Moultrie	379	4.2	5 211	7.6	332	6.2	3 615	9.0	431	2.4	1 878	5.9
Ogle	791	3.1	12 242	3.4	780	3.2	9 307	3.5	1 045	1.7	5 758	3.3
Peoria	758	3.4	5 942	6.1	739	3.9	5 244	7.9	894	1.8	2 582	9.5
Perry	389	5.5	2 948	9.2	382	6.3	2 599	20.4	501	3.8	1 321	8.5
Piatt	402	4.7	7 089	5.6	392	5.1	6 162	6.9	418	3.8	2 509	17.2
Pike	784	3.7	9 853	4.5	750	4.0	7 010	4.4	972	2.1	4 422	3.6
Pope	127	10.1	393	20.4	85	14.7	248	29.3	239	5.1	264	15.1
Pulaski	133	8.9	1 665	7.6	119	7.4	1 427	8.6	230	3.3	616	4.5
Putnam	153	3.8	2 094	9.5	158	3.8	2 515	7.1	185	2.6	1 804	4.6
Randolph	658	4.0	4 538	7.1	599	5.7	2 875	7.5	792	2.3	1 887	5.7
Richland	414	3.0	5 231	5.1	387	4.3	4 027	7.7	454	3.8	2 054	5.8
Rock Island	468	5.1	4 364	8.4	474	4.9	3 272	6.9	595	2.0	2 148	5.1
St. Clair	687	3.2	7 402	4.6	630	4.9	5 922	5.4	800	2.3	3 148	4.6
Saline	318	6.5	3 944	10.0	256	8.9	2 074	10.0	400	4.1	1 384	7.2
Sangamon	791	3.4	15 088	4.1	722	4.0	9 662	3.7	920	2.1	5 327	4.6
Schuyler	375	4.0	3 040	11.1	320	8.4	1 736	10.2	457	2.4	1 515	8.7
Scott	239	8.0	2 878	10.5	236	9.3	2 053	14.1	311	3.6	1 308	9.2
Shelby	998	2.8	9 871	4.5	991	2.7	7 125	6.4	1 180	1.6	4 527	4.1
Stark	290	4.4	4 793	6.8	283	5.4	3 937	10.3	352	1.0	2 075	7.2
Stephenson	780	3.4	8 541	7.8	828	3.3	6 983	6.2	1 027	1.7	5 728	4.3
Tazewell	721	3.8	9 544	4.2	684	3.7	6 951	4.2	894	1.3	3 519	4.0
Union	345	8.0	2 166	22.3	262	11.6	1 587	20.2	541	3.1	1 053	11.3
Vermilion	837	2.6	14 154	4.1	770	3.3	12 155	5.1	919	2.1	4 806	4.9
Wabash	169	6.3	3 889	11.8	155	7.3	3 562	7.8	206	1.5	1 589	13.1
Warren	532	4.5	7 304	5.2	555	4.2	6 564	7.3	688	1.8	3 224	5.2
Washington	613	4.2	7 986	4.8	612	4.3	7 407	6.1	763	1.4	3 212	6.2
Wayne	570	6.4	7 082	7.6	564	5.5	4 681	6.3	829	3.4	2 585	3.9
White	315	5.8	6 865	3.8	274	7.3	5 247	4.3	399	3.6	2 437	6.8
Whiteside	806	3.0	12 275	4.9	821	3.4	9 859	4.6	993	1.7	5 443	5.0
Will	693	2.9	8 089	4.3	671	3.5	6 469	5.3	856	1.6	4 278	4.0
Williamson	250	10.3	1 002	28.0	200	10.4	530	25.3	539	2.6	688	11.6
Winnebago	496	4.1	4 502	9.5	467	4.9	3 706	8.1	623	2.7	3 039	6.0
Woodford	725	2.7	8 355	4.5	785	2.7	7 675	5.1	885	1.6	3 366	4.1

Geographic area	Farm production expenses ¹ —Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Illinois	53 914	1.0	86 896	1.0	23 876	1.4	344 362	.9	4 216	3.5	14 392	3.0
Adams	1 061	3.5	1 292	5.2	374	9.7	2 926	7.6	78	25.0	294	28.8
Alexander	109	5.8	106	8.4	69	10.5	1 203	13.2	22	24.6	12	17.9
Bond	358	8.5	517	11.1	176	18.4	887	18.2	32	48.1	51	61.0
Boone	415	5.4	567	10.7	169	16.0	3 311	2.7	25	41.9	78	30.0
Brown	261	8.4	315	6.9	112	19.0	1 264	14.5	23	45.8	39	36.2
Bureau	1 008	2.7	2 696	2.9	465	8.3	13 412	1.0	122	21.0	383	30.9
Calhoun	253	10.0	197	12.7	105	20.9	579	5.3	7	.4	35	.1
Carroll	550	3.0	1 240	3.0	209	10.2	3 420	5.2	28	33.9	237	15.6
Cass	326	6.4	1 026	3.5	112	18.3	4 540	2.6	37	36.0	247	16.0
Champaign	1 048	3.4	1 315	5.5	412	8.9	4 905	10.6	105	21.4	328	10.0
Christian	607	4.9	1 125	6.4	356	8.2	4 910	5.5	62	27.4	132	29.9
Clark	445	6.4	689	5.6	172	14.4	2 160	11.0	33	31.0	68	18.2
Clay	399	7.3	473	7.6	174	15.4	1 393	11.7	33	36.3	81	19.6
Clinton	734	4.0	1 557	5.5	254	12.1	5 341	6.1	17	43.3	77	29.9
Coles	555	4.3	584	6.8	214	11.6	2 135	15.3	52	35.8	194	41.8
Cook	131	9.6	233	7.6	117	11.6	5 249	4.1	3	—	(D)	(D)
Crawford	340	6.9	448	5.6	171	13.8	1 472	11.7	16	38.1	81	56.3
Cumberland	395	6.7	583	7.1	170	12.5	1 545	8.2	45	36.5	28	28.1
De Kalb	680	3.6	2 076	3.6	355	8.4	7 339	2.2	72	25.9	234	20.6
De Witt	333	5.0	535	7.7	170	12.8	1 404	16.0	17	57.1	121	28.4
Douglas	438	5.4	693	7.5	287	10.4	3 180	13.3	40	35.1	162	46.2
Du Page	49	4.5	452	.9	43	4.7	3 886	1.6	10	8.6	(D)	(D)
Edgar	592	4.6	1 025	7.9	311	10.2	4 780	3.9	50	31.0	(D)	(D)
Edwards	203	10.9	270	17.1	130	14.7	745	10.4	25	53.7	61	56.3

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Effingham	872	3.0	1 039	5.1	284	12.3	2 709	24.2	32	41.0	8	31.4
Fayette	748	5.2	733	10.1	227	14.1	1 942	13.5	34	39.7	47	5.3
Ford	421	5.4	739	19.0	234	10.0	3 000	5.0	37	37.9	97	17.2
Franklin	342	8.1	322	16.3	108	20.9	537	16.4	65	29.5	150	32.3
Fulton	764	4.4	925	5.6	340	10.7	2 546	6.9	51	29.6	286	39.1
Gallatin	151	5.6	513	14.4	79	12.6	3 936	2.8	28	32.3	61	25.0
Greene	499	5.3	886	10.7	293	11.5	2 464	10.1	35	40.1	182	21.2
Grundy	380	5.4	479	7.4	218	10.8	1 264	10.4	39	37.1	99	31.3
Hamilton	314	7.9	335	21.5	124	18.1	637	9.7	60	30.1	84	34.3
Hancock	904	4.1	1 339	9.0	468	9.3	2 460	11.5	41	39.6	48	33.4
Hardin	74	11.4	32	14.0	45	15.1	93	5.8	17	30.0	20	19.5
Henderson	382	4.2	662	8.9	187	11.0	1 712	9.3	30	40.8	138	54.1
Henry	1 082	3.3	1 771	4.5	486	7.9	5 033	4.4	83	23.9	348	29.0
Iroquois	1 215	2.6	1 994	5.0	612	6.9	10 621	4.3	94	21.9	870	4.4
Jackson	379	7.7	361	21.9	222	12.7	2 779	13.8	43	36.2	155	35.7
Jasper	551	4.7	895	7.1	227	12.2	2 657	7.3	43	35.5	48	31.1
Jefferson	641	4.9	560	8.9	179	17.1	672	5.7	49	35.4	76	23.0
Jersey	313	7.5	416	12.6	120	17.4	1 589	25.5	34	38.3	39	50.0
Jo Daviess	760	3.7	1 598	7.4	228	12.6	2 073	9.0	54	26.8	82	14.9
Johnson	267	9.9	142	10.6	173	15.7	1 585	29.0	62	26.5	75	36.7
Kane	489	5.7	1 538	5.5	289	10.3	16 787	5.0	59	32.6	195	45.0
Kankakee	667	4.9	1 223	6.8	296	11.2	8 521	5.0	28	36.3	440	2.3
Kendall	391	3.9	627	9.8	180	14.6	3 771	4.4	9	61.4	64	43.3
Knox	653	4.8	1 315	6.5	319	9.5	5 312	7.6	38	33.5	315	30.8
Lake	213	12.2	504	9.2	140	17.5	7 535	8.4	40	45.0	136	24.5
La Salle	1 148	3.6	1 618	6.2	489	8.7	4 853	9.1	70	27.4	403	28.1
Lawrence	234	8.9	415	5.7	132	14.9	2 662	8.8	37	35.0	71	30.4
Lee	759	3.9	1 367	11.5	326	9.9	2 899	10.8	41	35.0	196	13.4
Livingston	1 148	3.0	1 652	5.0	543	7.5	4 556	6.5	50	31.8	144	22.5
Logan	636	4.0	1 033	7.7	361	8.1	5 632	5.4	15	55.7	24	10.6
McDonough	689	3.4	951	18.2	344	10.7	2 659	11.8	23	49.6	76	38.0
McHenry	713	3.5	1 518	5.9	321	8.7	10 989	1.6	49	26.1	137	8.4
McLean	1 184	3.1	1 711	4.0	571	7.0	5 176	4.9	74	22.5	165	13.6
Macon	524	4.3	829	4.0	296	9.4	4 305	6.8	23	42.3	77	29.4
Macoupin	960	3.1	1 388	7.1	380	9.1	3 147	9.4	75	26.1	106	14.9
Madison	829	4.5	1 099	4.9	302	11.0	5 753	6.3	32	46.3	100	50.9
Marion	565	6.1	634	6.4	198	14.8	1 318	11.2	101	21.9	131	25.2
Marshall	386	5.9	394	5.9	180	15.3	1 629	5.7	4	7.5	49	3.1
Mason	364	5.0	1 768	7.2	190	10.8	4 547	6.2	26	34.0	85	21.8
Massac	266	6.5	272	8.7	107	19.1	842	14.7	26	45.5	21	40.6
Menard	264	8.5	339	10.8	144	16.2	1 765	14.6	5	3.3	4	1.2
Mercer	498	5.7	1 013	7.2	255	11.9	1 816	7.2	20	56.3	97	20.6
Monroe	409	7.1	629	9.8	152	15.0	2 587	9.7	14	42.5	71	1.2
Montgomery	704	5.2	1 178	6.3	333	10.8	3 980	12.6	74	30.0	52	39.5
Morgan	544	5.1	847	5.2	257	11.3	2 643	6.8	77	23.7	317	16.6
Moultrie	299	7.4	352	9.9	141	14.7	2 052	13.8	12	65.3	34	55.0
Ogle	893	2.7	1 524	4.5	338	9.1	3 325	4.0	61	26.8	246	34.2
Peoria	643	5.6	555	7.0	295	11.9	2 167	13.0	66	29.6	170	7.5
Perry	400	6.0	330	10.6	86	28.2	(D)	(D)	4	—	(D)	(D)
Piatt	354	7.3	565	12.8	161	14.9	2 087	4.5	28	48.5	306	37.6
Pike	711	4.1	1 404	3.3	311	9.9	6 188	3.4	99	22.9	269	6.7
Pope	131	10.9	79	11.0	72	21.2	101	11.6	28	34.8	16	38.2
Pulaski	120	11.0	135	19.4	47	20.9	523	11.9	24	34.1	144	24.4
Putnam	158	6.3	447	6.2	61	16.3	(D)	(D)	16	33.9	(D)	(D)
Randolph	592	5.3	640	11.3	115	20.9	723	19.9	30	47.4	10	30.5
Richland	336	6.0	509	5.8	112	17.1	1 485	6.1	17	52.0	20	59.1
Rock Island	481	4.8	461	7.9	151	15.4	1 564	4.2	28	38.9	57	26.4
St. Clair	631	4.7	887	5.8	173	13.7	4 142	4.7	52	31.7	145	30.5
Saline	308	7.0	317	8.5	174	12.6	1 160	11.6	47	30.5	163	18.2
Sangamon	660	5.0	1 372	15.5	343	9.4	8 497	3.1	98	23.7	345	26.5
Schuyler	314	10.3	506	10.8	93	24.9	1 381	4.8	22	56.8	26	34.3
Scott	227	8.3	302	9.4	102	19.0	1 144	14.8	9	—	47	—
Shelby	924	3.9	1 137	8.3	342	11.0	2 509	16.6	53	35.3	198	11.5
Stark	292	5.9	494	10.9	144	15.1	1 731	7.9	11	73.0	73	22.0
Stephenson	913	2.6	2 590	5.4	371	8.9	5 388	5.1	56	30.7	152	18.4
Tazewell	687	4.3	939	4.7	369	8.7	5 133	5.5	60	30.6	210	22.9
Union	316	8.5	252	13.2	113	22.2	2 447	1.7	51	34.4	68	58.0
Vermilion	722	4.6	1 228	7.7	327	10.7	3 443	6.0	65	28.3	75	19.6
Wabash	169	5.6	322	14.3	86	15.4	814	14.6	16	44.9	46	6.8
Warren	504	5.4	911	7.1	246	11.9	3 003	9.1	40	33.7	76	24.4
Washington	609	4.6	1 062	7.6	207	12.9	3 046	7.0	17	58.0	20	11.6
Wayne	587	6.1	669	6.1	229	13.3	1 708	4.3	77	28.5	83	37.1
White	313	6.5	569	3.6	183	12.3	3 035	3.4	42	30.2	84	25.5
Whiteside	882	3.2	1 811	5.9	423	7.7	4 020	9.2	62	24.9	320	15.4
Will	634	4.5	1 055	5.7	281	11.5	9 083	11.4	29	41.3	85	28.4
Williamson	304	9.4	148	14.9	120	18.9	341	22.9	47	34.0	77	23.9
Winnebago	500	5.3	923	8.0	194	11.1	3 860	14.0	22	37.8	88	6.7
Woodford	714	3.9	787	5.3	380	5.9	3 833	11.0	32	36.9	52	11.9

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Illinois	61 361	1.0	398 871	1.0	28 509	1.4	116 075	1.9	37 901	1.2	424 977	1.1
Adams	1 242	2.5	5 154	4.5	594	6.9	1 862	13.8	781	5.4	6 384	7.3
Alexander	157	2.9	1 002	6.4	41	14.3	194	6.2	104	6.1	961	9.8
Bond	491	4.8	2 249	7.2	192	16.4	558	21.7	328	8.4	1 993	11.7
Boone	399	6.3	2 612	9.8	167	15.0	738	23.5	237	12.0	2 806	10.6
Brown	258	7.2	1 276	11.1	167	14.6	433	16.1	165	16.0	1 793	9.1
Bureau	1 049	2.4	9 640	3.9	594	6.6	3 092	11.3	734	5.0	8 699	5.5
Calhoun	346	5.9	829	15.9	143	17.4	141	21.4	117	19.7	536	11.1
Carroll	542	3.9	4 694	3.6	322	6.9	1 957	9.9	383	7.3	7 280	4.4
Cass	313	6.1	2 367	6.2	154	14.7	888	26.2	217	10.3	3 085	11.4
Champaign	1 108	3.1	8 316	4.7	590	7.0	2 597	8.2	843	5.0	8 924	6.1
Christian	641	4.6	4 747	4.9	313	10.6	1 418	15.6	503	6.8	5 354	6.7
Clark	507	4.9	3 787	7.1	182	14.9	746	12.9	374	6.8	4 004	7.7
Clay	515	6.1	3 457	8.1	252	14.7	730	16.7	335	10.4	3 059	8.8
Clinton	764	3.4	5 740	5.9	388	9.4	1 541	7.8	494	7.3	5 207	10.8
Coles	578	4.5	3 486	8.5	257	12.3	874	18.0	358	8.6	3 607	7.4
Cook	200	4.7	1 358	9.2	34	28.5	199	35.0	41	24.0	524	9.3
Crawford	422	4.7	2 851	8.3	197	14.6	754	12.7	279	9.2	4 062	11.3
Cumberland	420	5.7	2 736	13.0	186	14.7	382	17.5	243	11.3	2 507	11.4
De Kalb	739	2.8	6 954	4.2	380	8.7	1 891	8.6	509	5.6	9 200	4.6
De Witt	372	5.3	2 926	8.0	140	16.5	978	17.8	254	8.2	2 888	9.5
Douglas	470	5.0	3 643	8.0	235	12.4	790	18.8	381	7.6	4 318	10.8
Du Page	73	3.9	765	1.8	26	6.7	90	11.1	26	5.6	347	7.4
Edgar	656	3.9	6 344	4.4	325	10.5	1 481	8.7	435	7.1	8 297	6.0
Edwards	251	6.5	1 218	6.6	108	20.0	406	14.3	133	15.1	1 562	16.3
Effingham	939	2.8	4 789	6.2	343	11.3	706	12.7	465	8.3	3 927	9.3
Fayette	925	3.2	3 883	6.7	333	11.5	703	10.4	445	8.5	3 198	9.2
Ford	473	3.9	3 590	5.2	252	9.5	1 649	16.5	337	6.6	4 597	8.5
Franklin	454	6.1	2 477	11.8	118	17.1	213	23.2	164	14.6	2 186	17.3
Fulton	950	3.3	5 084	7.6	416	9.4	1 212	18.4	659	5.4	5 591	6.7
Gallatin	203	5.1	2 607	5.6	64	14.8	409	20.6	133	8.6	3 027	5.1
Greene	605	3.2	4 733	7.1	313	11.1	1 484	11.2	382	7.6	5 444	11.4
Grundy	439	2.9	2 930	7.6	240	11.1	950	14.5	236	11.7	1 979	14.3
Hamilton	396	5.3	1 908	8.5	151	16.8	208	17.0	180	16.1	2 304	18.2
Hancock	1 030	2.4	5 100	6.3	504	9.1	1 720	20.5	704	5.7	7 491	8.9
Hardin	137	5.4	360	16.8	22	22.5	25	36.3	53	14.2	383	12.2
Henderson	370	5.0	2 920	7.6	212	10.2	1 479	19.0	298	7.8	3 408	8.5
Henry	1 154	2.8	7 695	4.5	750	5.6	3 190	8.1	794	5.2	8 901	6.1
Iroquois	1 255	2.3	9 725	3.9	590	7.9	2 842	12.6	882	4.7	11 265	6.8
Jackson	518	5.2	2 128	7.9	127	19.1	336	9.3	212	12.4	1 919	8.2
Jasper	655	3.5	4 474	5.0	299	11.3	725	12.1	477	6.1	4 603	8.6
Jefferson	746	4.1	2 512	7.9	235	12.9	430	9.5	381	9.7	2 631	11.6
Jersey	444	3.9	2 305	6.6	150	15.9	404	21.5	251	10.1	1 971	9.6
Jo Daviess	808	3.4	4 815	8.0	412	8.2	1 183	16.2	531	6.8	5 930	10.7
Johnson	421	4.8	976	13.3	135	16.9	225	14.6	112	19.8	736	17.8
Kane	564	4.0	6 042	5.3	251	11.7	1 934	16.9	307	10.4	4 681	9.1
Kankakee	729	3.3	6 459	5.6	354	10.7	1 549	13.2	408	7.9	6 558	9.4
Kendall	391	3.1	2 940	4.9	195	12.9	532	18.5	173	12.3	2 634	16.1
Knox	768	3.3	4 882	4.5	450	7.7	2 042	10.2	490	6.8	6 200	8.8
Lake	296	5.9	2 033	8.2	38	37.0	173	61.4	102	20.9	1 082	33.9
La Salle	1 324	2.7	8 155	5.3	861	5.8	3 645	10.6	913	4.6	9 684	7.7
Lawrence	290	6.6	2 412	8.5	102	18.0	425	11.6	180	11.3	2 472	7.4
Lee	782	3.0	6 963	4.3	381	8.5	1 883	6.9	539	5.5	7 396	7.0
Livingston	1 237	2.1	8 719	4.2	584	7.3	2 361	10.8	792	5.2	7 895	6.2
Logan	656	3.6	5 194	5.6	303	11.0	1 150	11.4	481	6.2	5 435	8.8
McDonough	680	3.6	4 440	7.0	289	11.5	1 011	9.9	477	6.6	4 469	7.2
McHenry	795	3.1	5 581	3.8	231	11.9	1 315	13.1	425	7.9	5 221	7.1
McLean	1 235	2.6	11 050	4.9	582	6.9	3 119	10.3	866	4.7	8 775	7.2
Macon	534	4.4	3 957	5.8	249	10.1	926	14.4	401	6.3	4 361	7.6
Macoupin	1 027	2.7	6 215	6.9	367	9.8	1 155	16.0	669	5.7	6 967	7.4
Madison	994	3.1	5 538	6.8	308	12.4	1 079	16.3	450	8.5	5 049	8.1
Marion	710	3.6	2 445	7.0	290	11.6	638	33.8	368	8.8	1 908	11.1
Marshall	393	4.9	3 112	12.9	275	9.6	1 688	15.3	277	8.8	2 835	13.7
Mason	431	3.8	4 306	11.8	215	10.3	1 191	23.3	273	8.0	3 581	7.2
Massac	296	5.5	1 072	12.9	177	12.8	300	17.1	161	14.7	1 035	13.5
Menard	294	4.4	1 834	6.7	141	16.5	476	20.0	200	11.9	2 127	10.2
Mercer	639	3.7	4 053	4.5	285	11.1	1 329	15.3	444	7.4	4 483	7.1
Monroe	467	5.3	2 623	8.6	143	14.9	1 247	42.5	239	11.8	2 613	12.1
Montgomery	855	3.2	4 432	5.7	310	10.7	1 002	12.1	595	6.3	6 357	8.6
Morgan	651	3.7	4 176	5.3	325	10.4	1 985	20.7	493	6.4	5 719	7.3
Moultrie	369	4.6	2 374	9.2	220	11.6	1 303	10.4	265	8.3	2 726	12.1
Ogle	976	2.7	6 641	4.5	507	6.8	2 203	10.6	681	4.6	9 553	4.9
Peoria	775	3.4	4 055	10.0	440	9.0	1 286	14.6	324	10.4	3 911	9.7
Perry	451	4.9	1 636	10.0	131	17.4	417	20.0	176	14.4	1 200	26.4
Piatt	401	4.6	3 423	7.1	196	15.3	1 773	38.2	279	10.4	3 725	10.8
Pike	829	3.8	5 443	5.1	421	9.2	1 921	10.4	548	6.7	7 098	6.3
Pope	208	6.1	401	11.8	80	21.0	127	20.1	97	16.5	317	25.5
Pulaski	202	6.4	987	7.7	83	16.2	219	10.7	130	11.9	914	10.0
Putnam	154	5.1	2 107	6.9	108	10.8	479	13.3	111	9.8	1 223	12.6
Randolph	734	3.8	3 187	8.8	250	13.0	549	17.5	329	10.7	2 597	10.7

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Richland	397	5.9	3 188	6.9	221	11.6	712	28.9	299	8.8	3 189	9.5
Rock Island	515	4.3	2 352	7.0	227	12.3	652	15.9	237	10.4	2 491	9.9
St. Clair	750	3.0	4 242	4.8	263	10.5	1 240	26.4	326	9.5	4 336	7.4
Saline	352	5.5	1 612	6.7	139	14.4	256	9.4	219	11.0	1 481	8.1
Sangamon	788	3.8	6 172	5.0	297	12.1	2 518	14.6	471	7.8	7 048	7.1
Schuyler	381	7.3	1 562	11.8	188	16.5	814	24.4	272	11.5	1 915	8.6
Scott	246	6.7	1 394	14.6	151	15.8	630	29.3	178	9.4	1 723	9.4
Shelby	1 076	2.5	5 579	6.2	503	7.9	1 292	14.5	631	6.3	6 595	11.0
Stark	313	5.0	2 416	10.5	226	9.9	1 274	10.2	197	11.7	2 859	7.8
Stephenson	982	2.4	7 575	5.5	555	6.6	1 859	12.7	636	6.1	8 116	8.7
Tazewell	765	3.9	4 779	4.8	458	7.2	2 017	16.4	444	7.6	4 709	6.1
Union	447	5.9	1 500	12.6	170	15.3	253	11.8	183	16.3	1 306	16.3
Vermilion	858	3.0	5 144	5.6	400	9.4	2 873	17.1	518	6.5	7 445	6.4
Wabash	186	4.4	2 214	7.9	75	16.9	325	9.1	143	7.2	2 419	7.0
Warren	597	4.1	4 463	5.4	307	10.2	1 337	12.4	496	5.9	5 953	7.7
Washington	677	3.4	4 649	5.3	280	11.2	622	14.9	332	9.7	2 956	11.4
Wayne	696	4.8	4 162	6.2	316	12.0	1 034	24.6	438	8.8	3 490	7.7
White	364	5.0	2 991	5.4	188	12.6	759	20.4	200	10.8	2 873	8.9
Whiteside	870	3.1	6 795	4.4	595	5.3	2 451	6.9	680	5.0	9 389	6.1
Will	766	3.4	5 046	5.1	306	10.5	721	8.0	299	11.4	3 179	11.5
Williamson	411	6.4	803	11.8	107	21.0	172	37.6	216	12.6	731	18.8
Winnebago	542	4.1	3 009	6.3	273	10.8	1 047	9.9	393	7.2	3 930	7.2
Woodford	810	2.3	5 173	4.6	469	6.8	1 949	17.1	460	6.5	5 153	8.8
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)
Illinois	23 709	1.5	514 234	1.3	63 561	.9	198 014	1.1	67 319	.7	511 278	.9
Adams	286	10.4	3 667	16.2	1 290	2.2	2 629	5.3	1 325	1.9	6 775	4.9
Alexander	43	14.9	406	12.4	151	3.3	248	8.7	158	2.8	937	9.5
Bond	194	14.5	2 352	15.9	557	3.8	1 110	12.1	571	2.8	2 893	7.9
Boone	140	18.1	5 929	16.8	423	5.2	1 826	9.7	431	4.4	3 593	8.7
Brown	86	23.4	1 605	19.0	329	4.9	744	11.1	305	5.1	1 451	6.8
Bureau	439	6.9	12 417	6.6	916	3.8	3 898	7.3	1 107	1.8	16 716	2.7
Calhoun	73	25.7	492	11.2	412	3.0	463	9.3	374	4.5	1 205	16.4
Carroll	276	8.4	10 459	5.8	525	3.6	2 434	6.3	595	2.4	7 011	2.6
Cass	113	19.3	3 372	6.8	346	6.2	1 447	12.9	401	2.3	6 205	15.6
Champaign	529	7.3	11 052	8.2	1 066	3.7	4 200	6.5	1 302	1.5	10 792	5.1
Christian	291	8.8	5 905	14.3	709	3.5	2 563	6.8	735	3.2	6 187	5.0
Clark	144	14.6	2 866	11.4	578	2.2	1 308	6.5	546	3.9	3 775	9.7
Clay	157	14.8	1 346	12.3	595	3.3	1 168	6.3	559	3.5	2 908	6.6
Clinton	275	11.0	4 393	9.3	776	3.2	1 393	6.4	841	1.8	6 743	5.8
Coles	244	10.8	3 879	15.6	594	3.9	2 204	9.8	613	3.0	3 791	8.2
Cook	81	16.8	598	4.6	200	5.2	704	17.3	200	5.4	2 020	5.1
Crawford	127	17.5	1 830	12.8	458	2.2	954	8.6	451	3.6	3 227	16.8
Cumberland	169	16.5	2 541	16.5	467	4.9	1 051	9.3	476	4.1	3 111	11.3
De Kalb	453	6.6	19 236	5.6	644	4.4	4 299	6.6	781	2.0	10 937	5.0
De Witt	168	14.4	2 790	15.6	354	6.2	1 231	16.9	423	3.1	3 462	9.3
Douglas	253	9.2	6 019	12.6	562	3.1	2 353	10.8	595	2.7	4 843	10.1
Du Page	20	6.7	441	9.5	78	3.9	329	7.0	82	3.8	4 105	.7
Edgar	223	11.6	5 232	11.2	658	3.2	2 582	8.6	715	2.1	8 086	4.9
Edwards	118	18.3	835	6.1	290	5.2	594	13.4	278	5.4	1 352	9.6
Effingham	345	9.6	4 120	11.1	913	2.9	1 834	8.2	966	2.1	5 080	11.8
Fayette	180	16.7	1 532	13.5	1 034	2.4	1 503	6.4	984	2.8	4 438	7.6
Ford	195	11.1	5 287	10.6	420	5.0	1 971	8.1	543	1.2	5 294	5.5
Franklin	113	17.2	1 676	15.0	623	2.8	740	8.1	537	4.2	1 717	10.3
Fulton	284	11.7	4 931	12.8	981	3.0	3 101	8.7	1 024	1.9	5 597	7.3
Gallatin	87	12.2	1 740	13.7	218	4.1	903	5.7	214	4.6	2 259	4.8
Greene	241	12.8	4 343	12.4	618	4.2	2 061	9.7	657	2.6	5 836	4.6
Grundy	239	10.5	5 229	11.6	345	6.8	1 359	11.3	463	1.6	4 164	13.1
Hamilton	92	26.8	1 352	20.1	532	3.2	878	6.5	461	4.2	2 297	8.9
Hancock	446	9.5	7 064	10.4	1 049	2.7	3 590	7.5	1 047	2.2	6 769	7.4
Hardin	17	27.3	55	5.2	171	1.9	110	9.3	156	3.8	217	10.5
Henderson	163	14.3	4 909	12.3	333	6.8	1 546	13.6	416	1.3	3 272	5.3
Henry	594	6.7	12 817	5.6	1 048	3.3	3 835	6.1	1 284	1.7	11 874	4.4
Iroquois	588	7.0	14 826	8.2	1 171	3.0	4 405	7.9	1 343	1.4	13 576	5.1
Jackson	105	19.9	1 651	10.5	630	2.4	1 109	7.4	589	3.5	2 193	13.1
Jasper	240	9.9	3 760	12.6	679	2.9	1 833	5.5	691	2.6	4 570	8.5
Jefferson	132	17.7	849	11.6	917	2.0	1 228	6.9	838	2.7	2 811	8.8
Jersey	110	16.0	2 387	13.7	452	3.3	853	6.4	440	3.4	2 139	8.5
Jo Daviess	340	9.0	4 675	9.5	791	3.3	2 643	7.8	902	2.0	5 664	5.9
Johnson	73	26.7	152	22.9	487	2.8	536	8.2	418	4.6	1 306	28.5

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Kane	328	8.4	11 030	5.9	511	5.4	2 668	7.8	579	3.4	7 868	2.8
Kankakee	282	12.4	7 362	11.3	686	4.4	3 000	7.2	795	2.3	8 971	6.5
Kendall	214	11.4	7 249	17.9	369	5.4	2 052	11.2	406	2.9	3 324	7.4
Knox	276	10.5	8 204	8.0	832	2.6	3 249	5.7	891	1.8	7 244	4.4
Lake	79	17.7	1 641	23.5	300	5.7	1 402	16.8	318	4.3	3 162	8.9
La Salle	565	7.6	14 374	7.7	1 236	3.4	4 407	5.6	1 504	1.8	10 839	6.7
Lawrence	109	15.6	1 435	16.4	341	3.9	794	9.3	346	3.8	2 141	7.6
Lee	465	7.7	16 646	7.0	687	5.0	2 767	6.7	868	1.9	7 872	4.8
Livingston	457	8.4	8 913	9.1	1 132	3.1	4 802	8.2	1 344	1.2	11 199	5.2
Logan	338	8.7	10 893	8.8	600	4.4	3 361	11.3	720	2.0	6 400	4.4
McDonough	247	11.2	4 940	10.2	701	4.0	2 745	10.9	768	2.5	5 251	6.6
McHenry	408	7.0	11 547	4.9	808	2.9	3 453	6.1	855	2.3	8 088	5.1
McLean	602	6.8	13 373	7.3	1 163	3.2	5 003	6.7	1 433	1.2	12 393	3.6
Macon	269	8.9	5 635	10.4	535	4.4	1 981	8.8	590	2.9	6 253	6.4
Macoupin	392	8.0	7 072	10.1	1 069	2.6	2 612	5.5	1 105	2.1	5 903	3.7
Madison	378	10.1	5 606	12.0	1 092	2.5	2 090	5.4	1 105	2.2	6 197	4.2
Marion	146	17.3	946	15.6	836	2.2	1 139	8.2	713	3.5	2 313	8.3
Marshall	233	12.3	4 609	9.4	356	7.3	1 300	11.4	463	2.1	3 643	8.6
Mason	163	9.8	4 285	12.0	426	3.1	1 213	8.6	464	2.6	5 342	4.9
Massac	63	27.1	387	17.3	377	2.6	447	8.2	325	4.3	1 188	22.8
Menard	97	21.9	3 254	25.2	313	5.1	1 115	15.2	312	5.0	2 647	9.5
Mercer	272	10.2	6 823	7.0	633	3.9	2 254	8.4	671	2.7	5 963	6.7
Monroe	143	17.6	1 546	13.2	482	4.1	1 057	12.5	522	3.4	4 113	8.0
Montgomery	358	10.0	6 203	12.0	900	2.8	2 119	6.5	913	2.6	5 508	7.6
Morgan	213	10.3	3 327	8.5	714	2.8	2 614	6.2	744	2.2	4 543	5.5
Moultrie	158	14.1	2 948	8.3	405	4.6	1 619	11.1	437	2.2	3 548	6.9
Ogle	477	7.0	16 310	6.0	968	2.7	3 938	5.9	1 001	2.2	8 841	5.0
Peoria	272	10.5	5 738	8.0	810	3.0	2 160	5.8	855	2.3	4 007	6.4
Perry	176	15.0	1 648	20.1	540	1.7	832	7.5	464	4.5	1 329	10.4
Piatt	161	12.9	5 939	12.0	383	4.9	1 970	9.1	430	2.9	4 314	12.5
Pike	186	11.8	3 657	3.3	984	1.6	3 102	4.5	903	2.7	7 592	7.1
Pope	29	32.1	153	30.7	264	3.5	383	23.1	245	5.1	373	9.7
Pulaski	62	18.8	811	8.2	228	2.9	401	15.0	203	5.4	759	9.0
Putnam	66	18.1	1 114	19.3	149	7.9	577	14.5	190	1.4	7 166	1.8
Randolph	186	15.1	1 405	14.1	751	3.4	1 206	7.0	762	2.6	1 868	9.9
Richland	180	11.0	3 743	11.2	472	2.9	820	9.2	432	4.3	3 197	11.0
Rock Island	245	10.4	4 219	13.0	523	4.3	1 774	8.8	573	2.8	2 976	8.3
St. Clair	258	11.7	3 588	14.7	704	4.0	1 516	5.7	781	2.7	5 066	5.4
Saline	94	18.6	1 101	28.5	417	3.1	722	9.3	386	4.7	1 615	14.1
Sangamon	324	9.8	8 712	14.2	814	3.8	3 677	6.5	863	2.4	9 268	4.3
Schuyler	65	29.8	803	9.5	459	2.9	1 118	9.3	472	1.7	2 471	10.2
Scott	81	21.8	1 764	14.4	297	3.0	731	13.4	285	4.2	1 752	6.0
Shelby	296	11.3	4 335	11.8	1 094	2.9	2 390	6.3	1 094	2.3	6 934	7.8
Stark	146	15.7	5 067	9.6	308	5.4	1 468	13.8	342	2.3	3 259	10.5
Stephenson	441	7.8	10 231	7.3	948	3.1	3 333	7.5	988	2.0	9 878	4.5
Tazewell	307	9.6	4 263	5.9	751	3.4	2 807	6.0	883	1.5	6 355	6.4
Union	85	26.7	548	45.4	575	2.0	989	10.7	524	3.4	2 331	11.6
Vermilion	414	8.4	8 307	6.4	836	3.6	3 659	8.3	931	1.8	7 888	5.7
Wabash	112	11.6	2 038	12.8	206	1.5	635	15.8	200	2.4	1 624	17.3
Warren	222	10.7	7 120	15.1	596	4.1	2 916	8.8	680	1.8	6 080	4.8
Washington	238	12.2	3 905	11.8	705	2.8	1 350	7.4	741	2.0	5 253	4.0
Wayne	164	15.6	2 390	5.3	899	2.6	1 609	6.2	806	3.6	4 290	7.1
White	98	18.0	2 670	12.9	413	2.8	1 198	7.5	406	3.3	2 563	4.6
Whiteside	410	8.3	13 838	7.8	852	3.9	3 344	4.9	1 006	1.5	7 706	4.1
Will	438	6.8	10 336	7.7	761	4.0	2 444	7.6	845	2.0	8 372	3.2
Williamson	114	19.1	726	45.2	547	2.8	786	9.2	517	3.9	783	9.8
Winnebago	272	9.8	6 791	10.9	595	3.6	1 881	7.3	617	2.6	4 362	3.4
Woodford	349	8.3	7 701	10.0	818	2.7	3 243	6.6	866	1.9	5 895	5.2
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)
	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)
Illinois	73 046	.8	2 729 334	.9	68 082	.8	23 920 923	.7	62 712	.9	22 274 230	.7
Adams	1 418	.8	38 700	5.9	1 326	.8	340 346	1.0	1 221	.9	295 040	1.0
Alexander	165	2.0	5 693	7.3	157	1.2	57 646	1.7	145	1.5	51 543	1.7
Bond	617	1.2	13 478	12.4	552	1.1	156 216	1.5	471	1.3	145 438	1.6
Boone	491	.9	9 560	14.3	450	.8	130 435	1.2	418	.9	125 442	1.2
Brown	377	1.0	9 340	9.1	344	1.0	100 763	1.4	308	1.2	82 362	1.5
Bureau	1 155	1.0	57 174	5.1	1 085	1.0	440 724	.9	1 050	1.0	429 051	.9
Calhoun	434	1.2	3 740	10.5	401	1.1	59 123	2.1	354	1.3	46 186	2.4
Carroll	624	.9	26 149	5.1	578	.8	213 517	.8	523	.9	193 693	.8
Cass	416	.9	22 625	7.2	371	1.0	160 247	1.2	324	1.2	144 129	1.2

See footnotes at end of table.

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

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

Geographic area	Net cash return from agricultural sales for the farm unit (see text) ¹				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Champaign	1 371	.8	80 687	4.0	1 335	.8	548 908	.8	1 306	.8	536 160	.8
Christian	820	1.0	49 096	5.7	767	1.1	366 457	1.0	739	1.1	357 973	1.0
Clark	603	1.3	20 534	6.9	560	1.2	224 925	1.3	527	1.3	211 070	1.4
Clay	627	1.4	14 111	6.4	591	1.2	206 954	1.4	533	1.3	188 427	1.4
Clinton	859	1.2	22 914	9.2	789	1.2	210 802	1.3	753	1.2	202 249	1.4
Coles	680	.9	27 903	6.4	636	.8	237 095	1.1	604	.9	229 358	1.1
Cook	238	1.4	4 405	11.1	191	1.5	29 619	3.0	140	2.2	24 128	3.1
Crawford	474	1.3	10 202	14.4	447	1.2	182 746	1.4	424	1.3	174 768	1.4
Cumberland	546	.9	16 222	10.2	512	.9	148 202	1.3	491	1.0	142 279	1.3
De Kalb	830	.7	42 853	4.7	785	.6	355 207	.6	767	.6	350 465	.6
De Witt	462	1.0	34 362	7.4	444	.9	197 117	1.1	436	.9	192 903	1.1
Douglas	629	.9	29 169	6.7	598	.9	239 285	1.1	574	.9	233 351	1.1
Du Page	93	3.6	2 054	7.3	75	2.1	13 538	3.7	68	2.4	12 746	3.9
Edgar	765	.9	68 225	4.8	727	.8	322 060	.9	685	.9	309 046	.9
Edwards	329	1.2	9 104	16.1	311	1.0	94 849	1.7	265	1.3	84 319	1.8
Effingham	1 035	1.0	19 114	9.7	960	1.0	221 833	1.2	917	1.0	210 558	1.3
Fayette	1 118	1.0	22 725	6.0	1 003	1.1	276 105	1.3	880	1.2	250 295	1.4
Ford	549	.8	41 347	5.1	533	.7	300 307	.7	528	.7	293 275	.7
Franklin	657	.9	6 218	19.0	622	.8	152 075	1.3	422	1.2	124 427	1.5
Fulton	1 101	1.1	30 502	8.0	1 035	.9	318 763	1.1	969	1.0	289 228	1.1
Gallatin	237	1.1	15 299	3.8	224	1.0	164 684	.9	204	1.3	155 633	.9
Greene	721	1.0	31 627	8.2	669	1.0	261 055	1.1	622	1.1	239 235	1.1
Grundy	463	1.6	21 857	10.0	447	1.3	190 381	1.3	441	1.3	185 947	1.4
Hamilton	562	1.1	11 177	7.8	525	.9	181 014	1.0	386	1.2	151 192	1.1
Hancock	1 138	.9	49 167	6.2	1 056	.9	354 055	1.1	990	1.0	319 950	1.1
Hardin	171	1.9	405	19.2	147	1.7	24 429	2.4	111	2.5	11 028	2.7
Henderson	416	1.3	15 760	8.6	383	1.1	168 939	1.1	370	1.1	157 377	1.1
Henry	1 343	.8	41 479	6.2	1 231	.8	412 837	.9	1 150	.9	385 051	.9
Iroquois	1 394	1.0	83 511	4.5	1 339	.9	634 137	.8	1 318	.9	616 437	.8
Jackson	679	.9	11 000	11.5	633	.8	160 556	1.1	523	1.0	131 017	1.2
Jasper	728	.9	33 074	5.5	686	.9	225 063	1.1	657	.9	216 005	1.1
Jefferson	961	.9	8 603	11.4	902	.9	184 100	1.4	699	1.1	140 394	1.5
Jersey	482	1.2	9 649	10.5	444	1.2	130 642	1.6	410	1.3	118 489	1.7
Jo Daviess	939	1.0	17 796	14.1	827	1.0	188 559	1.3	710	1.2	146 445	1.3
Johnson	514	.9	634	64.7	468	1.0	69 713	1.9	329	1.4	35 506	2.4
Kane	652	.8	29 964	4.8	620	.7	197 119	.9	584	.8	192 873	.9
Kankakee	833	1.3	43 542	6.7	803	1.2	338 259	1.2	777	1.3	330 279	1.2
Kendall	443	1.0	17 872	11.7	413	1.0	158 447	1.2	403	1.0	152 872	1.2
Knox	928	.8	41 103	6.3	854	.9	318 324	1.0	818	.9	292 778	1.0
Lake	338	.8	6 973	16.3	303	.9	41 519	1.6	279	1.0	38 332	1.7
La Salle	1 584	1.0	64 408	5.6	1 521	1.0	552 479	1.0	1 474	1.0	537 282	1.0
Lawrence	375	1.0	16 259	12.5	347	1.0	161 868	1.0	310	1.3	154 473	1.1
Lee	904	1.0	29 800	7.0	852	.9	368 729	.9	831	.9	356 571	.9
Livingston	1 381	.8	91 249	3.5	1 322	.8	589 348	.8	1 304	.8	576 278	.8
Logan	738	1.1	52 606	4.9	709	1.0	360 509	.9	688	1.0	350 096	1.0
McDonough	826	1.0	36 931	5.4	758	1.0	291 891	1.1	726	1.1	271 945	1.1
McHenry	924	.8	20 603	6.5	841	.8	219 870	.9	773	.9	206 846	.9
McLean	1 475	.8	104 149	3.2	1 405	.8	665 894	.7	1 341	.8	649 542	.7
Macon	664	.8	46 433	4.2	636	.7	302 914	.8	614	.7	294 922	.8
Macoupin	1 208	1.0	32 042	5.1	1 092	.9	336 164	1.1	1 005	1.0	313 476	1.1
Madison	1 195	.9	20 123	12.3	1 071	.8	247 524	1.1	966	.9	232 060	1.1
Marion	881	.8	14 372	8.7	814	.8	203 088	1.3	665	1.0	174 629	1.4
Marshall	494	1.2	27 494	10.2	472	1.0	197 038	1.2	463	1.1	187 063	1.2
Mason	486	.8	31 159	5.8	466	.7	264 417	.8	426	.9	243 945	.8
Massac	399	1.3	5 527	19.6	364	1.2	84 491	1.7	305	1.5	69 221	1.9
Menard	352	1.3	17 815	7.3	331	1.0	152 864	1.2	313	1.1	142 552	1.2
Mercer	753	.9	24 064	6.1	695	.9	261 174	1.0	637	1.0	240 134	1.0
Monroe	556	1.0	11 172	13.3	500	1.0	154 216	1.3	450	1.2	140 766	1.4
Montgomery	980	1.1	30 830	6.8	921	1.0	324 268	1.2	848	1.1	309 418	1.2
Morgan	780	1.1	37 009	5.3	722	1.0	266 939	1.1	684	1.1	247 339	1.1
Moultrie	464	1.0	21 391	9.5	441	.8	164 858	1.0	415	.9	161 287	1.0
Ogle	1 097	.9	34 240	6.4	1 007	.9	342 689	.9	933	1.0	319 916	1.0
Peoria	924	1.0	25 559	8.9	857	.9	224 387	1.2	807	1.0	211 713	1.3
Perry	551	1.1	8 296	14.3	500	1.2	145 062	1.6	442	1.4	124 449	1.7
Piatt	447	.9	32 750	7.2	439	.6	245 205	.8	435	.6	241 246	.8
Pike	1 029	1.0	37 330	5.1	954	.9	341 546	.9	823	1.1	282 194	1.0
Pope	281	1.0	47	(H)	262	.9	42 932	1.9	198	1.4	21 654	2.4
Pulaski	238	1.4	4 208	11.5	219	1.3	70 547	1.4	171	1.9	58 923	1.5
Putnam	190	1.4	12 527	7.8	178	1.3	65 421	2.0	174	1.3	63 073	2.0
Randolph	842	.9	13 648	14.6	778	.8	208 421	1.0	703	.9	183 354	1.1
Richland	494	1.2	14 940	6.3	454	1.2	174 765	1.3	418	1.3	166 117	1.3
Rock Island	617	.9	12 909	7.6	574	.8	135 315	1.3	523	1.0	122 745	1.4
St. Clair	843	1.0	24 741	4.8	776	.9	239 008	1.0	726	.9	229 514	1.0
Saline	440	1.1	8 593	10.0	391	1.1	114 948	1.6	319	1.4	99 810	1.8
Sangamon	994	.8	64 326	3.8	924	.8	436 440	.7	857	.8	419 110	.7
Schuyler	478	1.0	8 186	16.9	451	.9	144 407	1.3	426	1.0	126 590	1.4
Scott	328	1.4	13 839	14.7	287	1.4	117 428	1.6	270	1.5	104 741	1.6
Shelby	1 250	.9	36 309	6.1	1 187	.9	375 723	1.1	1 102	1.0	352 245	1.1
Stark	354	1.0	25 570	10.8	328	.8	164 995	1.0	314	.9	158 783	1.0
Stephenson	1 080	1.0	32 301	8.3	990	1.0	277 159	1.0	903	1.1	253 127	1.1

See footnotes at end of table.

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

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

Geographic area	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)
Tazewell	909	.7	47 223	3.7	854	.6	305 386	.7	815	.6	294 395	.7
Union	590	.9	5 472	24.3	555	.9	95 473	1.6	435	1.2	57 611	1.8
Vermilion	983	.9	57 736	4.4	929	.9	457 922	.8	903	.9	443 633	.8
Wabash	211	1.3	12 753	13.8	200	.9	111 850	1.1	190	1.0	106 247	1.1
Warren	709	.9	44 873	5.9	658	.9	278 087	1.0	635	.9	261 283	1.0
Washington	777	1.1	23 358	7.9	720	1.1	279 199	1.1	696	1.1	264 484	1.1
Wayne	972	.9	19 899	5.9	896	.8	273 765	1.0	728	1.0	225 327	1.1
White	431	.9	19 988	4.7	399	.8	223 817	.8	356	1.0	206 681	.8
Whiteside	1 038	.8	39 284	5.7	970	.8	353 307	.8	909	.9	331 755	.9
Will	912	1.0	29 723	5.0	869	1.0	275 264	1.2	818	1.0	263 313	1.2
Williamson	584	.9	-6	(H)	541	.7	67 177	1.9	427	1.0	43 115	2.4
Winnebago	686	.9	14 054	7.8	631	.9	177 783	1.1	566	1.0	164 999	1.1
Woodford	923	.8	40 523	7.1	865	.7	275 256	.9	829	.7	265 489	.9
Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total	Relative standard error of estimate (percent)
Illinois	2 021	.9	349 799	.6	24 452	.9	1 437 697	.8	17 682	.9	453 127	.9
Adams	21	6.1	2 241	3.3	675	1.2	38 740	1.4	533	1.4	14 107	1.7
Alexander	6	-	3 349	-	75	3.1	3 357	4.6	70	3.3	(D)	(D)
Bond	5	15.0	21	18.7	248	2.1	10 421	2.5	169	2.6	2 919	3.3
Boone	16	6.1	1 766	1.2	166	2.1	10 727	2.2	77	3.4	1 748	3.2
Brown	2	19.6	(D)	(D)	177	2.0	9 317	2.6	150	2.3	4 145	3.0
Bureau	30	5.0	4 953	4.7	268	1.9	19 747	1.9	168	2.4	5 943	2.4
Calhoun	5	12.6	9	11.8	193	2.2	6 393	3.1	169	2.4	3 239	3.1
Carroll	17	6.4	8 968	2.3	300	1.5	43 710	1.2	155	2.3	6 122	2.7
Cass	52	3.8	8 746	2.6	122	2.6	7 805	3.2	97	3.0	2 584	4.4
Champaign	35	4.7	6 092	2.6	149	2.5	4 787	6.7	98	3.2	1 659	3.7
Christian	2	21.1	(D)	(D)	191	2.3	5 885	2.3	159	2.6	2 759	2.6
Clark	19	7.7	6 351	6.2	192	2.3	5 675	4.4	156	2.7	2 668	5.1
Clay	3	19.1	(D)	(D)	198	2.4	7 539	3.6	157	2.8	3 482	3.8
Clinton	15	8.3	955	8.9	429	1.6	37 232	1.4	165	2.6	5 019	2.5
Coles	5	14.0	(D)	(D)	155	2.4	5 454	4.4	110	2.8	1 878	3.3
Cook	35	5.3	412	3.9	18	8.2	438	11.3	8	11.9	258	17.4
Crawford	19	6.8	6 077	3.6	129	2.9	4 245	3.2	111	3.2	1 672	3.7
Cumberland	3	12.8	35	5.5	185	2.1	9 803	2.4	111	2.9	1 881	3.1
De Kalb	12	6.1	633	1.5	144	2.1	27 072	1.3	45	4.3	899	5.6
De Witt	6	13.2	803	4.6	101	2.9	3 134	4.3	89	3.1	1 596	5.3
Douglas	9	11.3	115	31.9	141	2.7	4 795	4.3	41	4.9	579	7.1
Du Page	23	5.4	101	4.1	10	10.7	160	15.7	5	15.5	60	19.7
Edgar	6	13.6	(D)	(D)	230	1.8	8 749	2.7	191	2.0	(D)	(D)
Edwards	3	23.6	5	26.8	145	2.3	6 088	3.5	126	2.6	2 599	3.5
Effingham	3	22.0	(D)	(D)	444	1.5	21 844	2.0	269	2.1	5 369	2.7
Fayette	10	10.3	72	12.8	480	1.6	16 987	2.0	374	1.8	5 989	2.4
Ford	9	8.6	693	8.5	68	3.2	4 191	2.9	38	4.4	916	4.6
Franklin	3	15.6	(D)	(D)	198	2.1	7 657	2.6	167	2.3	2 953	3.4
Fulton	5	14.9	19	30.5	537	1.4	34 515	1.5	439	1.6	14 377	1.8
Gallatin	25	4.7	19 352	.9	67	3.5	4 388	4.2	58	3.8	(D)	(D)
Greene	12	8.6	1 364	11.3	306	1.8	17 341	2.2	258	2.0	7 881	2.4
Grundy	10	12.7	66	32.9	84	3.6	3 353	3.5	52	4.7	769	4.8
Hamilton	2	24.1	(D)	(D)	136	2.6	3 865	4.1	116	2.9	(D)	(D)
Hancock	14	8.1	1 690	13.1	480	1.5	34 006	1.6	393	1.7	14 350	1.9
Hardin	-	-	-	-	126	2.2	5 458	3.5	113	2.5	(D)	(D)
Henderson	44	4.5	9 823	3.8	190	2.0	20 225	2.2	168	2.1	8 068	2.3
Henry	33	4.9	5 059	5.9	423	1.5	31 009	1.9	277	1.9	8 126	2.7
Iroquois	23	5.4	4 424	4.1	292	1.8	19 601	1.4	170	2.4	3 450	2.9
Jackson	15	8.6	327	20.7	311	1.6	15 339	2.0	264	1.7	7 520	2.1
Jasper	3	17.6	82	27.0	235	1.9	12 012	2.2	147	2.6	2 818	3.2
Jefferson	13	11.1	242	32.9	396	1.6	15 076	2.8	311	1.8	6 526	3.0
Jersey	4	18.6	10	24.6	194	2.2	11 537	2.8	155	2.6	3 982	3.6
Jo Daviess	11	9.5	65	2.0	608	1.3	64 550	1.5	389	1.7	17 840	2.0
Johnson	6	11.7	(D)	(D)	280	1.6	16 688	2.7	248	1.8	7 505	3.9
Kane	56	3.4	1 935	2.9	124	2.6	10 630	2.1	51	4.4	897	7.1
Kankakee	58	3.3	13 833	1.9	111	3.4	6 218	2.9	76	4.2	1 351	4.5
Kendall	10	8.8	499	.2	81	3.5	4 833	3.3	38	5.4	815	8.1
Knox	6	12.8	16	16.3	427	1.4	29 362	1.9	370	1.6	14 056	1.9
Lake	52	4.2	278	8.6	36	5.4	1 648	5.3	16	8.5	180	13.6
La Salle	21	7.8	1 442	5.7	291	1.9	14 888	1.9	206	2.4	(D)	(D)
Lawrence	20	6.2	7 411	4.4	92	3.3	3 717	3.8	66	4.1	1 127	5.3
Lee	58	3.6	13 378	3.0	212	2.0	17 289	1.3	123	2.8	2 835	3.6
Livingston	7	11.2	259	22.5	200	2.0	8 324	1.8	136	2.5	2 220	2.9
Logan	9	9.9	988	10.1	166	2.4	6 741	2.9	126	2.9	(D)	(D)

See footnotes at end of table.

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

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

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Farms		Total		Farms		Total	
					Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
McDonough	6	15.0	169	34.2	319	1.8	19 581	2.0	266	2.0	8 359	2.2
McHenry	67	3.3	8 058	1.8	282	1.7	22 983	1.5	85	3.3	1 937	2.7
McLean	10	10.0	961	6.6	243	1.8	13 613	1.7	169	2.3	3 783	2.3
Macon	9	10.8	(D)	(D)	109	2.8	3 461	4.5	75	3.5	(D)	(D)
Macoupin	13	8.7	668	16.8	478	1.5	28 635	1.6	373	1.7	10 275	1.8
Madison	48	4.5	1 951	3.1	466	1.4	16 815	1.9	323	1.8	5 532	2.5
Marion	9	11.6	153	16.6	316	1.7	15 074	2.0	261	1.9	6 807	2.1
Marshall	25	6.4	4 374	6.8	151	2.5	11 586	3.1	135	2.7	4 683	2.8
Mason	225	1.5	84 802	1.3	99	2.9	4 630	4.5	83	3.3	(D)	(D)
Massac	18	8.6	3 979	11.3	198	2.1	11 184	4.1	179	2.3	5 652	3.5
Menard	7	10.8	927	7.1	139	2.3	8 371	2.5	109	2.7	3 094	3.2
Mercer	20	6.0	3 580	4.0	325	1.6	19 050	2.0	260	1.8	7 715	2.3
Monroe	14	8.1	1 575	5.9	210	2.1	10 018	2.9	150	2.7	3 455	3.0
Montgomery	12	10.1	225	7.2	344	1.8	13 335	2.7	254	2.2	4 447	3.1
Morgan	10	9.2	2 119	1.1	294	1.8	17 507	2.4	262	2.0	7 738	2.7
Moultrie	10	9.5	34	11.8	142	2.4	4 347	3.1	64	3.8	968	4.5
Ogle	16	8.8	1 457	8.1	383	1.6	40 474	1.4	214	2.1	7 616	2.4
Peoria	32	5.5	3 364	5.8	347	1.7	13 049	2.7	281	1.9	5 447	3.1
Perry	11	12.7	475	21.0	246	2.1	11 112	3.0	206	2.3	4 215	3.2
Piatt	8	10.7	255	21.9	62	3.2	2 860	4.6	47	3.8	(D)	(D)
Pike	15	7.1	1 123	.9	435	1.6	28 189	2.0	371	1.8	13 736	2.1
Pope	3	11.7	8	4.4	149	2.0	8 826	3.1	130	2.3	(D)	(D)
Pulaski	7	7.3	(D)	(D)	91	3.3	5 415	4.3	81	3.5	(D)	(D)
Putnam	2	—	(D)	(D)	69	3.6	3 057	6.6	42	4.9	814	5.9
Randolph	11	9.5	136	11.6	441	1.3	21 223	2.0	331	1.6	7 945	2.3
Richland	6	14.0	(D)	(D)	141	2.6	6 648	3.4	111	3.0	2 609	3.9
Rock Island	33	5.3	3 927	6.2	250	1.8	11 480	2.6	199	2.1	4 788	3.1
St. Clair	27	6.1	586	8.5	249	1.9	8 358	2.6	152	2.6	1 847	3.6
Saline	6	15.0	17	22.4	187	2.1	6 413	3.1	164	2.3	3 165	3.2
Sangamon	13	8.3	394	8.1	293	1.7	12 098	1.9	231	2.0	5 211	2.2
Schuyler	3	16.1	(D)	(D)	239	1.8	13 009	2.2	214	1.9	6 656	2.3
Scott	11	7.8	3 536	4.5	157	2.4	8 337	2.6	145	2.5	(D)	(D)
Shelby	10	9.6	123	12.4	395	1.7	19 107	2.1	285	2.0	6 324	2.8
Stark	4	16.4	(D)	(D)	100	2.6	4 810	3.3	78	3.0	1 931	3.6
Stephenson	12	9.4	373	13.2	622	1.3	59 865	1.4	196	2.3	4 863	2.8
Tazewell	107	2.6	30 487	2.0	232	1.7	10 186	2.0	175	2.0	3 373	2.7
Union	15	8.5	721	13.4	315	1.6	16 497	2.6	277	1.7	7 631	3.1
Vermilion	7	12.5	52	15.1	217	2.1	9 053	3.1	183	2.4	3 953	3.9
Wabash	7	10.0	(D)	(D)	70	3.0	3 251	4.0	60	3.3	1 579	4.3
Warren	4	17.2	(D)	(D)	288	1.7	21 675	2.0	237	1.9	8 590	2.4
Washington	9	8.1	1 322	.1	336	1.7	25 545	1.9	180	2.6	4 209	3.2
Wayne	5	12.8	(D)	(D)	349	1.6	18 896	2.2	306	1.8	7 816	2.0
White	21	3.8	6 309	1.2	141	2.4	6 300	3.2	126	2.6	3 291	3.7
Whiteside	121	2.5	34 462	1.8	359	1.5	39 894	1.3	171	2.4	4 274	3.7
Will	48	4.1	4 152	1.7	158	2.7	5 226	3.5	94	3.6	1 394	5.5
Williamson	9	11.3	61	19.7	287	1.5	8 591	2.5	258	1.6	4 395	2.8
Winnebago	30	5.3	1 058	3.8	234	1.9	14 905	2.2	115	3.0	2 211	4.2
Woodford	14	7.4	319	16.2	259	1.7	8 593	2.9	200	2.0	3 806	2.8

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)
Illinois	2 238	1.1	127 702	.9	7 168	.9	4 679 166	.3	2 263	1.0	72 544	1.4
Adams	37	5.1	2 702	4.3	195	2.1	139 781	1.2	49	4.9	2 003	8.2
Alexander	2	33.4	(D)	(D)	11	9.7	261	11.4	—	—	—	—
Bond	42	4.9	2 533	4.3	61	4.5	19 221	4.7	14	8.8	316	11.5
Boone	41	4.6	3 316	3.3	46	3.9	12 412	2.5	19	7.1	785	10.9
Brown	10	9.8	427	8.0	37	4.8	20 635	2.9	14	9.6	277	13.9
Bureau	17	7.7	786	6.4	139	2.5	96 387	1.1	35	5.7	1 472	9.9
Calhoun	5	18.0	96	29.3	46	4.8	20 636	2.9	10	10.6	116	19.6
Carroll	46	4.4	3 419	3.1	109	2.5	63 187	1.6	31	5.5	852	6.4
Cass	—	—	—	—	54	3.6	116 346	.5	9	11.1	189	6.8
Champaign	6	13.9	74	20.3	39	4.4	19 435	2.3	24	6.4	1 013	9.4
Christian	3	18.1	6	21.9	77	3.8	38 070	2.5	22	7.0	706	8.1
Clark	8	11.8	120	21.0	54	4.6	29 751	1.4	11	9.7	141	11.0
Clay	7	13.5	56	31.4	62	4.3	21 771	3.4	12	11.2	419	20.0
Clinton	150	2.3	14 883	1.4	78	3.3	91 994	1.0	18	8.4	417	12.2
Coles	10	10.7	243	15.3	62	3.8	10 206	5.8	14	8.0	285	15.4
Cook	3	14.8	12	18.6	4	16.7	(D)	(D)	7	13.9	45	16.3
Crawford	5	15.4	282	14.3	40	5.4	21 866	2.8	7	14.6	78	21.4
Cumberland	25	5.5	2 047	3.6	57	3.8	41 263	1.5	4	17.6	219	21.7
De Kalb	15	6.7	1 021	5.8	117	1.9	154 403	.5	34	4.7	1 971	7.5

See footnotes at end of table.

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

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

Geographic area	Livestock and poultry—Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
De Witt	4	15.4	50	28.7	12	7.9	6 112	4.0	8	10.7	131	14.3
Douglas	60	4.2	1 322	5.8	53	4.6	21 291	3.4	10	11.1	115	12.4
Du Page	—	—	—	—	2	34.1	(D)	—	6	14.5	29	15.1
Edgar	2	26.3	(D)	(D)	48	4.5	106 847	.4	18	7.8	326	27.3
Edwards	—	—	—	—	59	3.7	37 518	2.5	9	11.0	510	12.8
Effingham	70	3.8	5 135	3.0	140	2.7	99 835	1.5	23	6.6	846	4.6
Fayette	28	5.7	1 949	4.6	75	3.9	17 354	3.1	32	6.6	840	10.7
Ford	7	11.5	255	13.7	38	3.5	40 048	.8	14	8.2	425	10.6
Franklin	12	8.5	588	7.6	58	3.8	18 149	2.2	7	10.1	133	10.1
Fulton	8	9.3	158	7.6	88	3.4	38 001	2.7	41	5.3	1 357	7.5
Gallatin	1	44.0	(D)	(D)	14	8.7	5 754	2.7	2	18.6	(D)	(D)
Greene	3	13.3	46	14.8	114	3.0	153 927	.8	18	8.2	373	8.9
Grundy	6	10.6	305	1.1	22	6.9	9 110	6.1	11	9.9	227	15.0
Hamilton	1	40.7	(D)	(D)	34	5.3	12 777	2.3	2	30.6	(D)	(D)
Hancock	6	11.5	507	6.0	140	2.6	90 121	1.4	42	4.9	1 034	11.1
Hardin	2	31.7	(D)	(D)	2	25.0	(D)	(D)	3	26.2	(D)	(D)
Henderson	7	12.1	78	29.8	48	4.1	25 017	2.6	20	7.2	1 013	8.6
Henry	9	9.2	616	3.0	294	1.6	224 082	.9	81	3.5	3 124	6.3
Iroquois	33	5.6	1 640	4.9	103	3.0	47 919	1.1	27	5.7	903	8.0
Jackson	21	7.1	482	9.8	45	4.7	9 694	5.8	13	10.1	434	11.8
Jasper	23	5.3	1 936	2.7	118	2.4	109 740	1.2	19	7.5	401	14.1
Jefferson	23	7.7	515	12.0	61	4.6	9 541	5.1	21	7.3	342	11.7
Jersey	14	9.6	735	8.5	64	4.5	15 967	5.6	12	10.7	221	15.6
Jo Daviess	183	2.4	11 699	2.0	107	3.2	34 615	2.7	38	5.7	1 372	8.5
Johnson	7	13.1	52	28.9	30	6.1	7 660	5.1	5	16.7	83	18.7
Kane	28	5.8	1 812	4.2	52	4.0	38 684	1.0	25	6.5	480	11.6
Kankakee	12	10.5	467	11.2	49	5.1	29 363	3.3	12	10.6	984	30.8
Kendall	9	11.1	246	11.0	36	5.1	22 750	1.9	12	9.4	303	14.3
Knox	9	7.2	497	5.7	140	2.2	134 584	.6	46	4.8	1 174	5.2
Lake	12	9.1	462	6.3	10	9.1	349	14.3	21	6.5	505	7.9
La Salle	5	14.9	(D)	(D)	93	3.2	33 473	2.0	57	4.5	1 991	8.7
Lawrence	9	9.6	383	5.3	38	4.9	23 721	1.7	9	12.8	91	21.1
Lee	11	10.1	590	8.3	85	3.2	37 883	2.4	25	6.2	670	9.6
Livingston	22	5.4	1 208	2.9	135	2.1	153 638	.9	31	4.7	767	4.6
Logan	3	18.2	(D)	(D)	72	3.3	89 897	.8	29	5.8	589	7.0
McDonough	17	7.7	274	6.7	73	3.5	33 390	2.9	46	5.0	1 520	5.9
McHenry	109	2.9	6 044	2.5	51	4.3	33 065	1.6	38	5.5	769	9.3
McLean	21	5.9	1 068	4.1	118	2.6	100 281	.9	46	4.8	1 382	6.3
Macon	2	26.3	(D)	(D)	46	4.2	11 745	5.3	12	9.0	537	13.0
Macoupin	21	6.8	1 412	4.3	145	2.6	92 159	1.3	53	4.6	2 120	5.8
Madison	29	5.6	1 681	4.5	109	3.0	46 649	2.0	40	5.0	971	7.1
Marion	13	9.9	476	12.3	57	4.1	13 707	4.2	14	8.2	222	9.6
Marshall	4	15.1	216	10.1	39	4.6	14 628	3.7	22	7.3	570	10.2
Mason	1	35.2	(D)	(D)	24	5.4	43 401	.7	10	10.4	162	14.4
Massac	6	14.7	75	18.9	39	5.2	17 930	4.4	6	13.4	86	18.5
Menard	4	14.0	214	18.9	33	4.0	26 311	.8	6	14.4	155	13.6
Mercer	5	15.9	38	22.2	128	2.4	71 138	1.5	50	4.4	2 960	5.3
Monroe	17	7.8	947	6.4	72	3.5	51 094	1.7	29	6.4	806	8.0
Montgomery	20	8.8	1 082	8.3	116	3.0	67 370	1.6	20	8.8	434	10.7
Morgan	6	9.5	203	.4	106	2.9	71 988	1.4	19	8.2	647	10.6
Moultrie	45	4.6	1 100	5.4	49	4.2	16 839	3.2	12	9.6	321	10.8
Ogle	57	4.3	2 679	4.6	140	2.5	81 189	1.6	71	3.8	4 485	4.8
Peoria	12	9.5	429	8.2	62	4.0	22 577	3.0	29	6.7	689	8.0
Perry	12	9.7	479	11.0	55	4.6	10 456	7.2	10	9.7	231	12.5
Piatt	2	21.6	(D)	(D)	17	5.0	15 839	1.4	5	12.4	162	14.8
Pike	12	10.7	177	16.8	181	2.4	123 771	1.3	39	5.8	1 458	9.8
Pope	2	24.6	(D)	(D)	10	9.5	2 733	3.4	2	18.7	(D)	(D)
Pulaski	4	17.2	(D)	(D)	21	7.5	2 862	8.2	2	24.4	(D)	(D)
Putnam	7	14.2	192	18.7	17	6.9	9 667	6.6	4	14.1	249	16.4
Randolph	30	6.1	2 050	5.8	109	3.0	27 366	3.5	34	5.9	777	10.5
Richland	8	11.7	635	8.7	58	3.7	45 047	1.2	4	17.7	189	23.7
Rock Island	14	8.5	281	11.7	64	3.5	44 314	1.4	38	5.6	1 014	7.5
St. Clair	23	5.4	1 144	4.8	72	3.4	39 339	1.0	21	7.0	400	6.1
Saline	6	14.5	169	14.4	36	5.1	31 006	2.1	3	17.9	(D)	(D)
Sangamon	13	8.4	600	7.7	73	3.4	69 197	.8	27	5.8	794	7.4
Schuyler	3	—	164	—	36	5.3	21 778	2.0	20	7.9	559	12.8
Scott	1	—	(D)	(D)	56	4.2	16 712	3.1	20	8.3	400	8.9
Shelby	33	5.3	2 291	3.5	121	2.9	69 127	1.4	16	8.3	453	15.5
Stark	9	9.7	323	10.2	46	4.0	32 477	1.9	9	9.6	396	14.9
Stephenson	287	1.9	18 386	1.6	146	2.6	101 862	1.2	72	3.7	2 432	6.7
Tazewell	26	4.9	1 070	3.3	102	2.2	111 253	.8	27	5.3	679	9.1
Union	18	7.2	841	8.5	21	8.2	2 986	15.5	6	15.6	202	22.1
Vermilion	5	16.1	120	30.2	44	4.7	16 544	2.6	19	7.6	435	8.8
Wabash	4	18.6	92	21.8	21	5.9	22 230	2.6	4	17.5	98	23.3
Warren	6	14.3	284	13.3	79	3.2	49 805	1.7	57	3.8	3 505	6.0
Washington	89	2.8	7 880	2.2	83	3.2	47 596	2.0	22	7.4	975	12.4
Wayne	13	6.3	543	4.6	99	2.9	59 398	1.2	9	9.9	135	13.1
White	3	17.0	4	12.7	30	5.1	21 243	.9	8	11.2	86	11.5
Whiteside	42	5.0	1 615	4.5	152	2.3	95 770	1.3	43	4.7	1 303	7.4
Will	25	6.7	1 154	5.0	41	5.0	26 433	1.1	24	7.0	413	9.2
Williamson	10	10.2	58	18.8	25	6.1	6 405	6.2	5	14.2	88	21.6
Winnebago	51	4.6	2 421	4.6	72	3.5	28 553	4.0	43	4.8	1 196	10.1
Woodford	9	11.0	197	16.6	107	2.3	85 413	1.1	64	3.7	1 753	5.3

See footnotes at end of table.

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

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

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Illinois	1 687	1.1	3 535 791	.2	115	3.3	363 353	7.5
Adams	30	6.0	(D)	(D)	2	17.3	(D)	(D)
Alexander	2	25.0	(D)	(D)	—	—	—	—
Bond	15	10.0	569	12.3	1	36.8	(D)	(D)
Boone	17	8.0	850	14.2	3	20.0	190	23.7
Brown	8	10.9	290	15.9	—	—	—	—
Bureau	26	6.3	1 165	16.5	3	18.6	160	19.0
Calhoun	12	9.6	469	5.9	—	—	—	—
Carroll	8	10.4	845	19.1	2	15.0	(D)	(D)
Cass	5	17.3	78	20.1	—	—	—	—
Champaign	13	9.0	(D)	(D)	1	34.3	(D)	(D)
Christian	11	9.0	644	13.6	3	18.1	(D)	(D)
Clark	19	7.8	2 065	19.1	—	—	—	—
Clay	16	9.1	368	11.9	—	—	—	—
Clinton	19	7.7	552 982	(L)	—	—	—	—
Coles	15	8.2	287	9.9	5	14.5	(D)	(D)
Cook	9	11.7	220	18.2	1	47.1	(D)	(D)
Crawford	9	12.5	164	14.3	—	—	—	—
Cumberland	14	8.7	320	13.8	—	—	—	—
De Kalb	14	9.3	604	11.0	3	21.6	300	22.6
De Witt	10	10.5	258	16.8	—	—	—	—
Douglas	30	6.3	1 758	7.9	6	13.6	85 642	21.4
Du Page	3	18.5	47	17.5	—	—	—	—
Edgar	8	11.5	234	14.3	—	—	—	—
Edwards	5	16.9	79	17.7	—	—	—	—
Effingham	24	7.5	611	10.7	—	—	—	—
Fayette	31	6.0	616	7.5	—	—	—	—
Ford	11	8.2	722	25.9	1	31.0	(D)	(D)
Franklin	21	7.3	602	14.3	—	—	—	—
Fulton	38	5.3	1 169	9.3	2	24.1	(D)	(D)
Gallatin	—	—	—	—	—	—	—	—
Greene	20	7.8	367	13.1	—	—	—	—
Grundy	11	10.7	245	14.2	—	—	—	—
Hamilton	5	15.6	86	16.9	—	—	—	—
Hancock	29	6.1	1 074	11.0	1	—	(D)	(D)
Hardin	8	13.4	112	19.6	—	—	—	—
Henderson	8	11.6	143	13.6	1	38.7	(D)	(D)
Henry	30	5.6	715	11.5	4	19.2	1 387	22.6
Iroquois	18	7.7	(D)	(D)	1	28.7	(D)	(D)
Jackson	16	8.4	425	10.5	2	27.7	(D)	(D)
Jasper	17	8.2	525	10.5	3	17.6	(D)	(D)
Jefferson	38	5.5	878	6.7	—	—	—	—
Jersey	10	11.2	246	16.9	1	38.0	(D)	(D)
Jo Daviess	14	8.7	286	12.1	2	29.6	(D)	(D)
Johnson	20	7.7	530	14.5	—	—	—	—
Kane	22	7.3	3 215	20.8	1	45.2	(D)	(D)
Kankakee	20	8.1	(D)	(D)	2	31.0	(D)	(D)
Kendall	10	10.8	431	19.0	2	22.9	(D)	(D)
Knox	14	8.8	1 275	26.7	—	—	—	—
Lake	18	7.1	1 264	13.5	4	17.1	316	25.0
La Salle	20	7.7	395	9.7	1	43.3	(D)	(D)
Lawrence	9	11.0	165	14.9	—	—	—	—
Lee	12	9.6	(D)	(D)	3	21.0	(D)	(D)
Livingston	19	6.6	(D)	(D)	1	—	(D)	(D)
Logan	12	9.3	187	16.2	—	—	—	—
McDonough	13	10.4	342	12.9	1	39.7	(D)	(D)
McHenry	41	5.7	3 071	17.7	7	14.4	790	21.1
McLean	26	6.6	598	9.6	3	21.6	(D)	(D)
Macon	8	12.0	182	14.8	—	—	—	—
Macoupin	47	5.2	971	7.6	—	—	—	—
Madison	48	5.1	1 219	7.2	—	—	—	—
Marion	24	6.6	(D)	(D)	—	—	—	—
Marshall	4	19.7	181	24.3	—	—	—	—
Mason	6	13.9	126	19.7	—	—	—	—
Massac	3	27.3	13	32.3	1	49.0	(D)	(D)
Menard	6	11.7	166	12.0	1	25.5	(D)	(D)
Mercer	20	7.1	503	12.8	1	25.6	(D)	(D)
Monroe	16	8.9	429	11.1	1	37.1	(D)	(D)
Montgomery	18	8.3	2 145	24.6	3	22.4	(D)	(D)
Morgan	7	14.9	118	16.4	—	—	—	—
Moultrie	26	6.3	2 807	18.9	3	19.2	(D)	(D)
Ogle	19	7.1	(D)	(D)	2	27.3	(D)	(D)
Peoria	15	8.7	395	11.3	—	—	—	—
Perry	12	11.9	479	15.1	—	—	—	—
Piatt	6	11.0	152	13.0	1	30.6	(D)	(D)
Pike	22	7.9	516	10.2	—	—	—	—
Pope	4	17.3	110	20.6	—	—	—	—
Pulaski	6	17.4	(D)	(D)	2	20.3	(D)	(D)
Putnam	5	15.8	105	21.5	—	—	—	—
Randolph	26	6.4	1 282	10.1	—	—	—	—

See footnotes at end of table.

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

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

Geographic area	Livestock and poultry—Con.												
	Layers 20 weeks old and older inventory					Broilers and other meat-type chickens sold							
	Farms		Total			Farms		Total					
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)			
Richland	10	11.5	345	23.0	—	—	—	—	—	—			
Rock Island	17	8.5	1 791	13.2	2	30.1	(D)	(D)	(D)	(D)			
St. Clair	24	6.7	1 400	8.8	—	—	—	—	—	—			
Saline	10	10.7	(D)	(D)	—	—	—	—	—	—			
Sangamon	30	5.2	(D)	(D)	2	15.6	(D)	(D)	(D)	(D)			
Schuyler	8	12.3	68	17.6	—	—	—	—	—	—			
Scott	2	31.3	(D)	(D)	—	—	—	—	—	—			
Shelby	21	7.8	1 014	20.1	1	39.3	(D)	(D)	(D)	(D)			
Stark	1	32.5	(D)	(D)	—	—	—	—	—	—			
Stephenson	27	6.2	(D)	(D)	3	18.0	(D)	(D)	(D)	(D)			
Tazewell	28	5.5	567	7.2	3	17.2	175	17.9	175	17.9			
Union	11	11.2	280	16.1	—	—	—	—	—	—			
Vermilion	19	7.8	378	10.3	—	—	—	—	—	—			
Wabash	5	12.0	96	14.7	1	25.3	(D)	(D)	(D)	(D)			
Warren	16	7.0	342	8.4	—	—	—	—	—	—			
Washington	16	7.9	(D)	(D)	—	—	—	—	—	—			
Wayne	19	7.5	363	10.6	—	—	—	—	—	—			
White	15	8.6	547	10.4	—	—	—	—	—	—			
Whiteside	29	5.9	(D)	(D)	7	11.0	1 131	14.6	1 131	14.6			
Will	22	8.1	693	7.6	1	38.3	(D)	(D)	(D)	(D)			
Williamson	20	7.1	503	12.0	2	23.1	(D)	(D)	(D)	(D)			
Winnebago	23	7.1	447	10.2	4	17.7	1 021	29.4	1 021	29.4			
Woodford	43	4.5	(D)	(D)	1	32.3	(D)	(D)	(D)	(D)			
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)	
Illinois	48 443	1.0	10 710 072	.7	1 363 015 453	.7	3 774	1.0	119 116	.9	1 892 873	.9	
Adams	919	1.0	125 623	1.0	16 059 850	1.1	93	3.2	2 648	4.7	37 541	6.3	
Alexander	53	3.5	9 493	2.5	1 106 507	2.4	3	22.3	62	22.6	850	21.7	
Bond	334	1.7	47 588	1.8	5 208 162	1.8	50	4.4	1 352	4.5	21 251	5.0	
Boone	293	1.3	64 682	1.4	8 539 220	1.4	56	3.8	2 341	3.8	34 822	4.1	
Brown	218	1.6	38 744	1.5	4 580 281	1.5	27	6.0	584	5.9	8 757	6.8	
Bureau	970	1.1	253 082	1.0	32 680 964	1.0	47	4.1	1 152	3.4	18 685	3.9	
Calhoun	217	2.0	19 136	2.8	2 276 141	2.7	7	16.1	90	18.9	1 637	19.9	
Carroll	436	1.1	132 961	.9	18 289 385	.9	110	2.3	4 274	1.9	76 879	1.8	
Cass	266	1.4	73 573	1.2	8 990 941	1.2	9	9.1	242	5.2	4 394	4.6	
Champaign	1 159	.9	272 759	.8	37 981 522	.8	12	8.7	398	17.9	5 749	15.3	
Christian	632	1.3	177 431	1.0	25 627 131	1.0	12	10.3	208	8.6	5 415	9.9	
Clark	418	1.6	100 006	1.4	11 920 541	1.4	21	7.3	438	10.7	5 279	9.4	
Clay	368	1.7	65 289	1.6	6 500 724	1.6	16	8.7	289	11.2	3 363	12.4	
Clinton	603	1.4	71 378	1.3	6 827 893	1.3	171	2.4	6 466	2.0	97 068	2.1	
Coles	483	1.1	112 610	1.1	15 058 167	1.2	22	6.9	344	8.2	5 520	9.9	
Cook	43	4.5	8 497	3.5	1 098 503	3.5	—	—	—	—	—	—	
Crawford	325	1.7	77 209	1.4	7 983 700	1.4	16	7.9	622	3.1	7 611	3.5	
Cumberland	400	1.2	67 419	1.3	8 229 515	1.3	35	4.3	1 128	3.9	18 107	4.3	
De Kaib	661	.7	201 709	.6	28 766 218	.6	59	2.8	3 208	2.1	48 970	2.0	
De Witt	373	1.1	96 222	1.1	13 835 034	1.1	8	10.8	55	11.4	1 126	12.8	
Douglas	495	1.1	116 650	1.1	15 439 585	1.1	49	4.9	979	10.2	18 318	9.8	
Du Page	26	5.5	6 461	6.7	838 389	5.9	—	—	—	—	—	—	
Edgar	577	1.0	155 044	.9	19 664 427	.9	15	7.5	669	16.5	17 921	25.6	
Edwards	209	1.6	36 237	1.8	3 618 205	1.9	16	9.0	187	10.5	1 952	11.6	
Effingham	732	1.2	87 605	1.3	8 674 929	1.3	118	3.0	3 067	3.4	47 484	3.5	
Fayette	596	1.5	89 577	1.4	10 010 544	1.5	50	4.8	1 556	5.5	27 105	6.5	
Ford	481	.8	144 474	.7	19 696 593	.7	10	7.4	341	8.5	6 523	8.7	
Franklin	212	1.9	41 260	1.7	3 442 059	1.8	17	7.1	738	13.6	10 581	14.3	
Fulton	769	1.2	142 390	1.1	18 156 832	1.2	39	5.2	1 129	7.3	22 720	8.0	
Gallatin	150	1.8	69 284	1.0	7 665 504	1.0	1	—	(D)	(D)	(D)	(D)	
Greene	527	1.2	116 456	1.2	15 065 778	1.2	43	4.8	781	4.9	12 419	5.7	
Grundy	397	1.4	98 610	1.4	12 207 482	1.4	9	8.3	246	2.8	4 610	1.8	
Hamilton	250	1.7	56 331	1.2	5 774 613	1.1	4	18.4	104	25.3	1 120	27.2	
Hancock	800	1.2	150 695	1.1	20 387 415	1.1	52	4.1	1 175	3.7	16 373	4.8	
Hardin	11	8.7	1 734	5.9	152 182	6.3	—	—	—	—	—	—	
Henderson	328	1.3	93 803	1.1	12 586 465	1.2	25	4.7	810	4.2	13 320	3.6	
Henry	993	1.0	224 006	.9	27 584 236	.9	91	3.0	3 206	3.1	41 852	3.2	
Iroquois	1 200	1.0	314 632	.9	41 666 748	.9	40	4.5	2 732	1.5	37 172	2.0	
Jackson	206	2.0	33 256	1.5	2 823 488	1.4	14	7.8	607	4.9	6 667	5.9	
Jasper	545	1.1	91 090	1.2	10 251 931	1.2	36	4.7	1 345	3.0	22 957	2.6	
Jefferson	339	1.7	41 231	1.8	3 446 899	1.9	25	7.4	557	10.2	6 810	10.2	
Jersey	294	1.7	53 720	1.7	6 581 689	1.7	35	5.9	1 130	7.9	20 811	9.2	
Jo Daviess	531	1.4	74 585	1.4	9 430 761	1.4	200	2.3	6 332	2.3	106 845	2.5	
Johnson	71	3.9	8 077	3.4	648 771	3.6	7	13.6	237	6.6	2 618	5.7	

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested												
	Corn for grain or seed					Corn for silage or green chop							
	Farms		Acres		Quantity			Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)	
Kane	374	1.2	101 445	1.0	14 302 560	1.0	47	3.8	2 513	2.9	52 758	2.5	
Kankakee	664	1.4	176 339	1.2	22 428 064	1.3	21	7.9	673	16.2	10 875	10.8	
Kendall	341	1.3	82 232	1.3	9 489 578	1.3	22	6.0	698	6.4	11 425	4.9	
Knox	666	1.1	150 683	1.0	21 318 177	1.0	38	4.9	742	7.0	12 466	9.1	
Lake	75	3.2	13 446	2.3	1 666 757	2.3	12	7.9	381	5.0	5 665	4.1	
La Salle	1 296	1.1	274 887	1.0	35 521 124	1.0	41	4.7	1 112	4.2	16 958	3.9	
Lawrence	240	1.6	72 893	1.2	6 629 262	1.2	10	7.8	831	2.3	13 600	1.3	
Lee	752	1.0	210 585	.9	27 529 514	.9	42	3.8	1 690	2.9	27 254	2.1	
Livingston	1 211	.8	288 540	.8	34 870 878	.8	38	3.9	1 016	4.0	22 235	5.9	
Logan	626	1.1	180 080	1.0	24 845 858	1.0	21	6.0	507	2.3	6 676	2.5	
McDonough	592	1.3	133 478	1.1	17 812 630	1.1	39	4.7	1 131	6.8	16 399	6.6	
McHenry	434	1.3	101 486	1.0	13 558 232	1.0	116	2.7	3 314	2.5	45 728	2.5	
McLean	1 200	.9	333 205	.7	47 087 376	.7	27	5.5	791	4.6	14 463	3.8	
Macon	499	.9	146 807	.8	21 917 261	.8	5	14.8	146	25.1	2 676	26.9	
Macoupin	777	1.2	145 396	1.1	18 020 106	1.1	73	3.8	2 025	2.8	35 944	2.3	
Madison	621	1.2	85 681	1.2	10 473 012	1.2	59	3.9	1 187	3.9	20 195	4.4	
Marion	397	1.4	50 509	1.6	4 736 151	1.6	34	5.3	763	9.1	9 198	8.6	
Marshall	413	1.2	97 473	1.2	13 140 114	1.2	11	10.5	359	16.4	5 225	19.0	
Mason	367	1.0	113 102	.9	15 086 749	.9	9	10.6	153	17.6	2 336	15.4	
Massac	154	2.5	25 020	2.4	2 195 772	2.8	14	8.6	528	6.5	4 938	3.6	
Menard	254	1.4	70 379	1.3	9 227 651	1.3	14	7.3	312	7.0	5 060	8.9	
Mercer	509	1.2	125 252	1.0	14 957 603	1.0	31	5.4	957	9.8	18 030	17.2	
Monroe	300	1.6	38 395	1.5	4 065 208	1.5	14	7.8	1 044	10.1	16 806	12.4	
Montgomery	692	1.3	143 560	1.2	18 323 560	1.2	53	4.9	1 124	5.0	18 464	5.2	
Morgan	568	1.3	122 333	1.1	16 276 018	1.1	26	6.1	777	5.5	10 737	4.4	
Moultrie	340	1.1	80 236	1.1	11 023 479	1.1	32	5.6	427	6.5	7 411	6.3	
Ogle	769	1.1	197 212	1.0	26 853 755	1.0	118	2.8	4 022	2.3	62 670	2.3	
Peoria	606	1.2	108 238	1.3	14 496 871	1.2	36	5.4	972	9.0	15 272	10.1	
Perry	309	1.8	42 774	1.8	3 130 942	1.8	28	6.7	813	5.9	9 396	6.6	
Piatt	390	.8	120 007	.8	16 982 962	.8	12	8.1	247	8.8	2 980	9.1	
Pike	644	1.3	138 527	1.0	18 134 000	.9	29	5.3	1 015	2.7	10 926	3.6	
Pope	51	4.0	4 523	4.0	330 594	4.1	6	12.1	95	12.5	835	12.5	
Pulaski	84	3.1	15 739	1.8	1 691 160	1.7	5	12.2	154	10.2	2 745	9.3	
Putnam	151	1.6	33 579	2.1	4 571 006	2.1	5	17.4	131	17.7	1 989	17.8	
Randolph	487	1.2	51 614	1.2	4 365 909	1.2	53	4.3	1 615	5.4	24 247	5.4	
Richland	329	1.5	69 061	1.4	6 621 674	1.4	33	5.3	1 051	7.7	18 425	7.4	
Rock Island	353	1.3	67 911	1.4	8 516 189	1.4	14	7.9	507	23.4	11 116	25.5	
St. Clair	553	1.2	86 990	1.1	10 331 146	1.1	31	5.0	792	5.3	11 950	5.1	
Saline	186	2.1	39 728	1.9	3 611 905	1.9	10	9.4	208	8.3	2 302	9.1	
Sangamon	662	1.0	210 017	.7	29 748 901	.7	9	7.3	175	6.6	2 300	5.8	
Schuyler	341	1.3	56 014	1.5	6 549 459	1.5	12	9.0	255	7.6	3 817	8.5	
Scott	215	1.8	51 214	1.6	6 717 923	1.6	10	8.8	156	4.3	2 449	3.9	
Shelby	888	1.2	165 768	1.1	20 254 029	1.1	63	3.8	2 116	2.8	36 103	3.1	
Stark	278	1.0	89 484	1.1	12 961 290	1.1	16	6.4	275	7.3	5 239	7.8	
Stephenson	748	1.2	144 876	1.1	19 209 692	1.1	275	1.9	7 687	1.6	126 443	1.6	
Tazewell	663	.8	149 125	.8	19 885 880	.7	25	4.5	894	4.4	15 001	3.2	
Union	101	3.1	10 031	3.6	1 003 407	3.3	9	11.0	367	8.1	5 257	8.0	
Vermilion	755	1.1	219 536	.9	27 787 225	.9	14	8.5	460	6.1	5 804	9.4	
Wabash	154	1.4	48 462	1.2	5 207 354	1.2	9	9.8	195	13.0	3 055	12.2	
Warren	570	1.0	141 237	1.0	19 680 123	1.0	43	4.0	846	3.2	15 063	3.6	
Washington	592	1.3	85 035	1.1	7 779 826	1.1	114	2.8	4 162	2.9	56 328	3.4	
Wayne	446	1.4	76 876	1.2	7 763 119	1.2	35	4.8	1 278	6.3	20 557	6.8	
White	256	1.3	87 666	.8	9 028 584	.8	2	20.1	(D)	(D)	(D)	(D)	
Whiteside	781	1.0	204 913	.9	27 780 214	.9	106	2.6	3 825	2.7	62 553	2.1	
Will	584	1.3	130 440	1.2	17 027 338	1.3	40	5.5	3 094	8.3	53 304	9.6	
Williamson	133	2.4	12 332	3.4	1 057 633	3.2	5	13.5	111	21.2	1 140	21.3	
Winnebago	400	1.3	91 774	1.2	11 994 603	1.1	70	3.7	2 192	3.5	34 691	3.1	
Woodford	692	.9	133 308	.9	18 062 122	.9	18	7.6	275	8.8	4 326	8.7	

Geographic area	Selected crops harvested—Con.												
	Wheat for grain					Soybeans for beans							
	Farms		Acres		Quantity			Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	
Illinois	14 822	1.0	983 556	.8	53 954 013	.8	47 008	1.0	9 825 475	.7	415 716 620	.7	
Adams	561	1.3	25 688	1.4	1 394 035	1.5	929	1.0	123 122	1.1	5 154 761	1.1	
Alexander	39	4.3	4 703	2.4	247 677	2.6	77	2.8	37 395	1.9	1 312 964	1.9	
Bond	274	1.9	29 204	1.9	1 646 978	1.9	344	1.7	66 891	1.7	2 358 823	1.7	
Boone	67	3.4	1 816	3.9	102 920	3.6	266	1.4	49 866	1.5	2 102 232	1.5	
Brown	114	2.7	5 352	3.4	264 468	3.4	211	1.7	33 874	1.6	1 361 919	1.6	
Bureau	78	3.0	2 386	2.1	137 746	2.1	905	1.1	167 823	1.0	7 860 001	1.0	
Calhoun	90	3.4	3 831	3.1	207 729	3.5	177	2.3	17 612	3.0	748 699	3.2	
Carroll	21	6.3	632	8.0	28 732	7.2	293	1.4	39 109	1.3	2 027 762	1.3	
Cass	122	2.4	5 929	1.9	306 221	2.0	265	1.4	61 693	1.4	2 474 344	1.3	

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested—Con.											
	Wheat for grain						Soybeans for beans					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Champaign	91	2.9	3 408	3.1	215 900	3.0	1 154	.9	259 059	.8	12 002 692	.8
Christian	156	2.6	6 319	2.4	410 685	2.5	615	1.3	171 484	1.0	7 158 466	1.0
Clark	170	2.5	11 303	2.3	619 780	2.4	400	1.6	97 874	1.4	3 794 491	1.4
Clay	267	2.1	24 917	1.7	1 243 277	1.7	414	1.6	97 385	1.5	3 575 050	1.5
Clinton	549	1.5	38 644	1.6	2 264 765	1.7	626	1.4	80 974	1.6	2 948 269	1.6
Coles	75	3.3	2 750	3.5	160 213	3.4	459	1.1	111 774	1.1	4 652 072	1.2
Cook	11	10.7	196	16.8	10 276	12.8	45	4.5	10 084	4.5	364 749	5.2
Crawford	170	2.4	14 285	1.9	768 780	1.9	339	1.6	84 977	1.5	3 164 853	1.5
Cumberland	168	2.1	5 936	2.7	329 946	2.8	396	1.2	63 990	1.4	2 448 364	1.4
De Kalb	87	2.3	2 523	2.7	164 644	2.7	641	.8	136 174	.7	6 469 025	.7
De Witt	23	6.3	646	6.8	31 130	7.2	366	1.1	94 899	1.1	4 271 183	1.0
Douglas	22	6.7	472	5.8	31 934	6.4	442	1.2	112 339	1.1	4 918 182	1.1
Du Page	6	11.4	274	10.8	17 397	7.1	17	6.8	5 188	3.1	231 596	3.5
Edgar	100	2.8	3 315	3.3	185 003	3.2	579	1.0	147 336	.9	6 053 548	.9
Edwards	140	2.3	8 973	2.6	447 259	2.7	204	1.7	38 626	1.9	1 501 311	2.0
Effingham	477	1.5	20 403	1.6	1 187 945	1.6	723	1.2	93 641	1.3	3 488 419	1.3
Fayette	443	1.8	34 572	1.7	1 947 376	1.8	640	1.5	113 326	1.5	4 039 451	1.5
Ford	36	2.9	1 495	3.7	98 180	4.1	482	.8	145 330	.7	6 642 177	.7
Franklin	140	2.5	14 500	2.1	673 974	2.0	273	1.7	64 962	1.5	2 199 103	1.6
Fulton	173	2.4	6 488	2.6	332 277	2.7	778	1.1	128 347	1.1	5 304 060	1.1
Gallatin	85	2.7	13 520	1.6	752 819	1.7	171	1.6	72 404	1.0	2 817 961	1.0
Greene	255	2.0	12 181	2.1	670 568	2.1	494	1.3	104 652	1.1	4 406 925	1.1
Grundy	24	7.1	387	8.0	23 715	7.9	357	1.5	85 404	1.4	3 691 171	1.4
Hamilton	143	2.3	18 418	1.7	906 203	1.8	281	1.5	73 549	1.2	2 578 396	1.1
Hancock	241	2.1	9 114	2.3	510 789	2.2	802	1.2	151 394	1.1	6 885 938	1.1
Hardin	4	—	185	—	7 190	—	8	9.8	2 501	3.3	74 831	3.1
Henderson	31	5.3	1 334	6.6	61 473	6.8	295	1.4	54 470	1.4	2 614 537	1.4
Henry	61	3.3	1 811	4.9	91 293	4.6	898	1.0	143 277	1.0	6 885 740	1.0
Iroquois	106	2.8	4 878	2.9	316 606	2.5	1 179	1.0	287 007	.9	12 941 804	.9
Jackson	190	2.0	19 322	1.7	994 873	1.6	260	1.7	70 920	1.3	2 256 528	1.3
Jasper	300	1.7	15 962	2.0	825 755	1.9	552	1.1	106 908	1.2	4 350 279	1.2
Jefferson	207	2.3	15 875	2.1	788 102	2.0	405	1.6	72 840	1.6	2 553 653	1.7
Jersey	166	2.4	9 908	2.7	573 650	2.6	283	1.8	51 702	1.9	1 915 836	1.8
Jo Daviess	10	11.6	184	12.0	9 518	11.6	198	2.3	20 921	1.8	987 068	1.8
Johnson	17	8.5	1 097	10.5	52 344	12.0	71	4.0	12 592	4.2	407 105	3.7
Kane	84	3.0	3 999	2.1	265 078	1.9	354	1.3	77 811	1.0	3 547 633	1.0
Kankakee	106	3.1	4 746	2.6	306 711	2.5	621	1.5	133 859	1.3	5 652 965	1.4
Kendall	26	5.5	1 138	9.8	73 370	7.7	321	1.3	65 435	1.4	2 713 864	1.4
Knox	75	3.2	2 423	3.0	144 318	2.8	601	1.2	126 522	1.0	6 315 370	1.0
Lake	44	4.3	4 363	2.5	195 401	2.5	70	3.3	13 987	2.3	508 842	2.4
La Salle	59	3.9	1 873	5.2	120 851	5.5	1 243	1.1	249 179	1.0	10 910 329	1.0
Lawrence	129	2.3	16 289	2.1	826 056	2.0	239	1.6	68 091	1.3	2 359 043	1.3
Lee	54	3.8	1 411	3.3	77 104	3.4	697	1.1	135 637	1.0	6 155 318	1.0
Livingston	74	3.2	2 480	3.6	162 775	3.5	1 214	.8	283 544	.8	12 369 959	.8
Logan	65	3.9	2 187	7.9	146 354	7.5	617	1.1	165 326	1.0	7 225 798	1.0
McDonough	53	4.5	2 215	8.6	140 513	10.6	578	1.3	128 736	1.1	5 675 563	1.1
McHenry	87	2.9	3 911	1.9	234 496	1.9	353	1.4	72 319	1.0	3 081 918	1.0
McLean	58	3.8	1 844	5.3	122 233	4.8	1 173	.9	312 613	.8	14 573 947	.7
Macon	30	5.4	952	5.0	64 141	5.1	483	.9	144 998	.8	6 341 289	.8
Macoupin	428	1.6	18 206	1.8	1 088 368	1.9	795	1.2	140 381	1.1	5 488 876	1.1
Madison	519	1.3	38 455	1.5	2 194 717	1.4	666	1.2	101 329	1.2	3 807 252	1.2
Marion	305	1.7	23 109	1.7	1 267 707	1.7	475	1.3	89 008	1.5	3 089 687	1.5
Marshall	52	4.3	2 574	3.1	135 610	3.4	380	1.3	79 668	1.3	3 728 582	1.3
Mason	177	1.8	10 825	2.1	571 197	2.2	361	1.1	93 505	.9	3 932 075	.9
Massac	46	4.9	3 282	5.0	149 925	5.6	158	2.4	34 299	2.1	1 087 307	2.1
Menard	81	3.1	3 530	3.1	225 847	2.7	258	1.4	65 991	1.3	2 798 278	1.3
Mercer	33	4.6	1 274	6.0	67 217	7.0	476	1.2	103 271	1.1	4 816 019	1.1
Monroe	332	1.5	39 176	1.5	2 142 547	1.5	333	1.5	61 242	1.4	2 272 528	1.5
Montgomery	364	1.8	23 369	1.8	1 380 180	1.9	708	1.3	139 080	1.3	5 518 107	1.3
Morgan	180	2.4	8 183	3.6	473 248	3.3	550	1.3	114 837	1.2	5 145 968	1.1
Moultrie	55	4.0	1 433	3.8	86 628	4.0	329	1.2	75 962	1.1	3 208 140	1.1
Ogle	76	3.2	2 040	3.1	123 921	3.2	645	1.2	101 461	1.1	4 882 696	1.1
Peoria	115	3.1	3 616	3.4	180 651	3.4	538	1.3	89 877	1.4	3 973 217	1.4
Perry	249	2.1	20 568	2.4	940 676	2.3	352	1.7	60 382	1.8	2 030 239	1.8
Piatt	29	4.9	927	5.8	53 246	5.8	387	.8	120 098	.8	5 395 970	.8
Pike	287	1.9	20 299	1.6	1 147 916	1.7	580	1.3	109 393	1.0	4 762 364	1.0
Pope	16	7.6	585	6.7	23 519	6.7	61	3.6	9 066	3.6	256 390	3.8
Pulaski	57	3.8	6 410	2.3	305 837	2.6	104	2.8	35 175	1.6	1 127 913	1.9
Putnam	19	7.7	879	10.0	50 700	9.8	150	1.6	27 158	2.2	1 271 306	2.1
Randolph	466	1.2	40 800	1.2	2 162 899	1.3	508	1.2	83 639	1.2	2 917 698	1.2
Richland	196	2.2	15 578	2.0	791 273	1.9	363	1.5	83 215	1.3	3 168 767	1.3
Rock Island	25	5.3	626	4.8	35 975	4.2	322	1.4	46 913	1.7	2 139 458	1.6
St. Clair	458	1.3	41 384	1.3	2 348 516	1.3	568	1.1	98 881	1.1	3 920 170	1.1
Saline	79	3.5	6 277	3.2	309 529	3.3	190	2.1	44 561	1.9	1 505 945	2.0
Sangamon	98	2.9	2 986	3.0	180 089	3.1	643	1.0	201 881	.7	8 804 263	.8
Schuyler	171	2.2	8 295	2.4	433 260	2.6	342	1.3	55 285	1.4	2 173 206	1.4
Scott	115	2.8	6 436	3.3	380 873	3.1	218	1.8	44 140	1.6	1 911 645	1.6
Shelby	463	1.6	22 449	1.7	1 291 279	1.8	886	1.2	156 713	1.1	6 019 204	1.1
Stark	18	6.2	375	6.8	22 254	6.7	270	1.1	66 253	1.0	3 308 831	1.0
Stephenson	65	3.7	1 397	3.1	70 761	3.0	471	1.5	58 879	1.4	2 873 181	1.3

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested—Con.											
	Wheat for grain					Soybeans for beans						
	Farms		Acres		Quantity	Farms		Acres		Quantity		
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Tazewell	130	2.1	4 485	2.4	234 875	2.2	653	.8	127 670	.8	5 834 469	.8
Union	54	4.6	3 254	3.4	162 847	3.1	118	2.9	25 459	2.1	865 196	1.9
Vermilion	106	2.9	4 685	3.0	282 986	3.0	756	1.1	215 987	.9	9 500 270	.9
Wabash	94	2.1	11 392	1.8	575 394	1.8	155	1.3	49 987	1.2	2 007 677	1.2
Warren	20	7.4	544	11.3	35 474	11.9	528	1.1	113 236	1.0	5 623 578	1.1
Washington	550	1.3	63 018	1.2	3 631 958	1.2	638	1.2	123 985	1.2	4 393 168	1.2
Wayne	253	1.9	19 746	1.7	939 162	1.8	545	1.2	115 680	1.1	4 122 521	1.1
White	180	1.7	29 059	1.0	1 532 263	1.0	261	1.3	98 218	.8	3 690 124	.8
Whiteside	74	3.2	2 185	3.1	104 936	3.3	676	1.1	110 118	1.0	5 254 722	1.0
Will	142	2.7	7 590	2.5	473 961	2.0	561	1.4	109 030	1.3	4 605 280	1.4
Williamson	36	4.8	1 714	4.0	82 549	4.0	127	2.5	17 996	3.3	572 435	3.3
Winnebago	79	3.0	3 659	3.7	211 591	3.2	341	1.4	56 702	1.3	2 487 270	1.3
Woodford	76	3.1	1 915	4.1	108 106	4.3	684	.9	126 112	1.0	5 996 452	.9
Geographic area	Selected crops harvested—Con.											
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					Vegetables harvested for sale						
	Farms		Acres		Quantity	Farms		Acres				
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Illinois	24 156	.9	822 508	.9	2 248 811	.9	1 262	1.1	66 780	.9		
Adams	628	1.3	22 524	1.8	59 717	2.2	12	10.2	94	11.6		
Alexander	80	2.9	2 990	4.1	5 644	5.5	6	13.1	41	9.2		
Bond	217	2.2	7 653	2.8	19 823	3.1	4	14.1	9	10.4		
Boone	178	2.0	6 323	3.0	17 544	2.9	16	7.2	292	12.0		
Brown	161	2.2	5 593	3.0	14 485	4.9	3	18.0	11	28.6		
Bureau	250	2.0	5 924	2.6	18 376	2.4	16	8.7	557	13.1		
Calhoun	185	2.2	4 466	4.2	12 659	3.7	12	9.3	125	11.5		
Carroll	291	1.5	12 973	2.2	44 973	2.5	8	8.6	(D)	(D)		
Cass	104	2.8	2 730	3.8	7 420	3.8	12	9.8	199	12.1		
Champaign	177	2.2	3 031	3.0	10 448	2.8	16	8.4	303	13.3		
Christian	181	2.5	4 320	3.9	11 445	6.6	4	18.9	14	25.6		
Clark	200	2.3	4 797	3.7	10 687	3.9	3	22.5	(D)	(D)		
Clay	204	2.4	6 934	3.9	13 619	3.6	1	37.3	(D)	(D)		
Clinton	399	1.7	18 119	1.6	61 185	1.6	4	17.9	8	19.3		
Coles	172	2.2	4 161	2.3	10 136	2.7	6	10.9	13	15.2		
Cook	41	5.5	4 085	5.4	5 232	6.8	28	6.5	1 095	2.2		
Crawford	125	3.0	3 625	4.1	8 821	5.2	3	11.9	(D)	(D)		
Cumberland	189	2.0	4 819	2.5	12 410	2.7	4	18.8	13	21.6		
De Kalb	168	2.0	4 340	2.9	11 359	2.7	60	3.1	3 640	4.2		
De Witt	103	2.9	2 176	4.7	6 946	6.1	2	23.6	(D)	(D)		
Douglas	187	2.2	4 429	4.5	12 586	3.9	6	12.9	(D)	(D)		
Du Page	15	8.9	395	12.5	978	12.7	9	11.8	97	19.2		
Edgar	229	1.9	5 485	2.6	14 304	3.7	3	19.1	(D)	(D)		
Edwards	124	2.6	3 928	3.8	8 018	4.5	—	—	—	—		
Effingham	432	1.6	11 722	2.5	28 856	2.6	2	33.5	(D)	(D)		
Fayette	410	1.7	13 656	2.4	31 156	2.5	7	12.0	33	17.9		
Ford	81	2.9	1 816	4.4	5 645	4.5	3	11.9	9	9.7		
Franklin	198	2.1	7 070	3.4	16 977	4.2	5	12.8	13	17.4		
Fulton	486	1.5	15 106	2.5	44 857	2.4	7	11.3	8	19.2		
Gallatin	55	3.7	2 244	3.7	4 032	3.4	9	6.9	1 093	.8		
Greene	274	1.9	7 785	2.7	20 797	2.8	5	16.2	12	18.7		
Grundy	86	3.5	1 725	3.7	4 753	3.5	7	15.8	30	16.1		
Hamilton	122	2.8	4 183	4.3	8 571	4.8	1	34.2	(D)	(D)		
Hancock	437	1.6	13 168	2.0	35 381	2.0	6	12.7	18	12.7		
Hardin	108	2.5	6 964	3.5	11 259	4.0	—	—	—	—		
Henderson	175	2.1	6 673	2.5	20 692	2.6	12	8.7	704	10.4		
Henry	445	1.5	12 216	2.0	37 144	2.2	14	9.0	28	13.6		
Iroquois	265	1.9	6 454	2.3	20 553	2.4	22	6.4	1 605	2.3		
Jackson	313	1.5	11 774	2.6	27 141	2.9	9	10.6	37	28.3		
Jasper	195	2.2	5 607	2.9	13 212	2.8	6	14.9	279	24.0		
Jefferson	390	1.6	13 462	2.9	32 303	3.6	2	25.7	(D)	(D)		
Jersey	189	2.3	4 722	3.6	12 447	3.4	4	16.3	8	16.9		
Jo Daviess	560	1.4	46 890	1.7	156 637	1.7	11	10.2	103	5.5		
Johnson	278	1.7	13 922	2.3	27 084	2.8	4	14.8	(D)	(D)		
Kane	208	2.0	6 414	3.0	18 447	3.0	21	6.8	670	2.3		
Kankakee	155	2.7	3 441	4.2	8 403	3.9	34	4.7	3 596	3.5		
Kendall	93	3.2	2 027	5.5	5 305	6.1	7	8.5	398	1.3		
Knox	415	1.4	13 987	2.0	42 798	2.2	5	11.6	10	12.7		
Lake	107	2.6	3 913	3.3	9 364	3.5	24	6.3	666	4.1		
La Salle	306	1.9	6 637	3.0	17 863	2.9	68	4.0	4 998	4.5		
Lawrence	84	3.4	2 175	3.9	4 870	4.2	8	7.3	2 187	.1		
Lee	212	2.1	5 610	3.2	17 197	4.0	56	3.6	3 769	3.8		
Livingston	210	2.0	4 471	1.9	15 241	1.9	—	—	—	—		
Logan	157	2.5	3 485	3.9	9 699	3.3	4	19.3	(D)	(D)		

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested—Con.									
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)						Vegetables harvested for sale			
	Farms		Acres		Quantity		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
McDonough	303	1.8	9 151	2.5	27 592	2.6	1	37.7	(D)	(D)
McHenry	399	1.4	16 549	1.9	47 204	2.1	62	4.0	4 464	3.7
McLean	265	1.8	5 919	2.5	17 769	2.7	8	11.5	84	16.7
Macon	123	2.6	2 661	5.0	6 736	5.4	6	11.1	54	20.7
Macoupin	448	1.6	10 884	2.0	30 501	2.1	11	10.6	59	12.9
Madison	436	1.5	12 680	1.9	34 617	1.8	38	5.1	1 741	2.9
Marion	299	1.7	9 546	3.9	20 494	3.1	16	8.3	113	3.9
Marshall	156	2.4	5 287	3.5	16 930	3.2	19	7.1	3 288	6.7
Mason	109	2.7	2 942	4.0	7 709	5.1	62	3.1	7 141	2.1
Massac	189	2.2	8 483	3.2	20 286	3.5	3	25.4	(D)	(D)
Menard	130	2.4	3 371	2.5	11 083	2.5	1	25.5	(D)	(D)
Mercer	312	1.6	9 753	2.0	29 979	2.1	13	8.2	213	5.8
Monroe	185	2.3	6 776	3.0	20 904	2.7	7	13.1	425	18.6
Montgomery	272	2.1	6 602	3.0	18 217	4.1	4	19.1	12	25.8
Morgan	267	1.9	5 805	2.6	15 458	2.7	4	17.2	(D)	(D)
Moultrie	149	2.3	3 211	3.0	9 435	3.6	8	10.6	451	19.1
Ogle	444	1.4	16 215	2.1	48 660	2.1	30	5.6	1 487	5.8
Peoria	398	1.5	9 023	2.5	27 592	2.6	20	7.5	343	7.8
Perry	205	2.3	9 002	3.3	20 533	3.0	6	17.6	15	17.8
Piatt	67	3.0	1 387	4.1	4 250	4.6	7	11.2	23	11.7
Pike	399	1.7	17 307	2.3	50 040	2.3	11	10.8	110	17.5
Pope	150	2.0	7 340	3.7	12 715	3.2	2	17.1	(D)	(D)
Pulaski	86	3.4	4 854	5.2	10 787	5.0	4	14.2	(D)	(D)
Putnam	65	3.6	1 451	4.9	4 867	5.6	1	40.0	(D)	(D)
Randolph	426	1.3	19 351	2.1	48 422	2.4	4	15.1	8	14.1
Richland	113	3.1	4 003	3.6	9 465	3.8	1	—	(D)	(D)
Rock Island	271	1.7	7 290	3.6	22 808	3.9	16	8.3	370	11.5
St. Clair	230	2.0	5 446	3.0	15 479	3.3	27	6.5	678	7.6
Saline	160	2.4	6 932	3.8	13 950	3.9	9	10.9	28	15.7
Sangamon	264	1.8	5 800	2.9	16 386	2.5	10	10.1	95	19.0
Schuyler	251	1.7	8 302	2.4	20 544	2.4	4	15.4	15	17.0
Scott	131	2.7	2 895	3.5	8 751	4.6	2	31.3	(D)	(D)
Shelby	395	1.7	9 659	2.3	23 591	2.3	5	14.0	47	16.9
Stark	85	2.9	2 945	3.6	9 990	3.4	2	23.4	(D)	(D)
Stephenson	631	1.3	42 734	1.6	138 537	1.7	11	9.7	29	12.7
Tazewell	240	1.6	6 178	2.5	19 919	2.6	69	2.9	6 859	2.1
Union	329	1.5	18 016	2.8	39 850	3.0	24	6.9	902	4.8
Vermilion	217	2.1	5 192	3.7	12 455	4.6	16	7.8	534	5.9
Wabash	60	3.2	2 005	5.5	4 595	6.5	2	19.0	(D)	(D)
Warren	261	1.7	7 266	2.3	22 069	3.0	3	21.1	(D)	(D)
Washington	307	1.8	16 367	2.0	53 127	2.2	4	19.5	10	23.9
Wayne	308	1.8	12 453	2.3	23 289	2.5	1	37.2	(D)	(D)
White	131	2.5	4 563	3.4	9 106	3.4	6	12.8	299	3.4
Whiteside	354	1.5	10 222	2.1	32 773	2.3	32	4.8	3 371	3.2
Will	255	2.1	6 927	2.9	17 889	3.1	26	6.7	2 771	2.5
Williamson	302	1.4	10 888	2.9	22 042	3.1	6	13.1	29	15.9
Winnebago	280	1.7	10 070	2.5	27 039	2.4	22	7.4	246	5.4
Woodford	245	1.7	5 666	3.1	14 878	3.0	15	8.3	172	12.0

¹Data are based on a sample of farms.

Table G. Coverage Estimates: 1997

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

Item	Census total	Coverage total ¹	Adjusted census		Coverage adjustment (percent)
			Total	Relative standard error (percent)	
Farms number..	73 051	6 042	79 093	2.0	7.6
Land in farms acres..	27 204 780	320 703	27 525 483	1.1	1.2
Average size of farm acres..	372	53	348	(X)	(X)
Farms by size of farm:					
Less than 10 acres	4 254	1 571	5 825	12.7	27.0
10 to 49 acres	12 604	2 687	15 291	5.0	17.6
50 to 179 acres	19 606	1 181	20 787	2.8	5.7
180 acres or more	36 587	603	37 190	1.4	1.6
Farms by value of sales:					
Less than \$2,500	12 210	4 523	16 733	6.3	27.0
\$2,500 to \$9,999	11 056	1 067	12 123	3.7	8.8
\$10,000 or more	49 785	452	50 237	1.5	.9
Market value of agricultural products sold \$1,000..	8 556 486	-27 285	8 529 201	.9	-3
Farms by type of organization:					
Individual or family	61 748	5 769	67 517	2.3	8.5
Partnership, corporation, or other	11 303	273	11 576	3.1	2.4
Farms by tenure of operator:					
Full owners	34 450	4 635	39 085	3.5	11.9
Part owners	27 356	1 086	28 442	1.5	3.8
Tenants	11 245	321	11 566	2.6	2.8
Operators by place of residence:					
On farm operated	51 582	5 073	56 655	2.1	9.0
Not on farm operated	17 195	931	18 126	3.9	5.1
Not reported	4 274	38	4 312	5.5	.9
Operators by principal occupation:					
Farming	41 645	-304	41 341	1.6	-7
Other	31 406	6 346	37 752	3.7	16.8
Operators by sex:					
Male	69 006	5 075	74 081	1.8	6.9
Female.....	4 045	967	5 012	10.5	19.3
Operators by race:					
White	72 836	6 004	78 840	2.0	7.6
Black and other races	215	38	253	48.6	15.0
Operators by years on present farm:					
4 years or less	6 132	1 645	7 777	4.9	21.2
5 years or more	56 119	4 594	60 713	2.3	7.6
Not reported	10 800	-197	10 603	5.6	-1.9

¹ See text in Appendix C regarding coverage estimates.