

Appendix C.

Statistical Methodology

MAIL LIST MODEL

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

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

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

CENSUS SAMPLE DESIGN

Each of the 3.55 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample form, the screener form, and the

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

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

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

CENSUS ESTIMATION

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

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

Whole Farm Nonresponse Estimation

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

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

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

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

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentages in these tables are the percents of the census values contributed by nonresponse estimation. These indicate the potential for bias in published figures resulting from nonresponse to the census. The estimates provided

in these tables do not reflect the effect of item nonresponse to individual census data items. The effect of item nonresponse is discussed in the Census Nonsampling Error section.

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

Item	Percent of total
Farms	12.6
Land in farms.....	8.0
Estimated market value of land and buildings ¹	3.6
Market value of agricultural products sold	3.3
Harvested cropland	6.2
Corn for grain or seed	3.4
Wheat for grain	4.1
Livestock and poultry inventory:	
Cattle and calves	5.3
Hogs and pigs	8.8
Hens and pullets of laying age.....	.6

¹Data are based on a sample of farms.

Sample Estimation

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

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

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

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

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

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

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

CENSUS SAMPLING ERROR

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

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

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

1. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.
2. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the average value of all possible samples.

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

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

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

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

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

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

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

Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM	
Number of farms reporting:	
25	6.0
50	4.0
75	3.0
100	2.4
150	1.5
2008
3007
5005
7504
1,0004
1,5003
2,0003
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	35.6
50	25.0
75	20.3
100	17.5
150	14.1
200	12.0
300	9.5
500	6.9
750	5.2
1,000	4.0
1,500	2.3
2,0002

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

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

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

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

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

CENSUS NONSAMPLING ERROR

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

Census Coverage

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

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

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

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

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

Mail List Coverage

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

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

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

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

Respondent and Enumerator Error

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

Item Nonresponse

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

Processing Error

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

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

Classification Error

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

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

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

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

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

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

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

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

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

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

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

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

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			FARM PRODUCTION EXPENSES¹		
Farms -----number--	32 306	1.0	Total farm production expenses -----farms--	32 313	1.0
Land in farms -----acres--	7 458 015	.7	-----\$1,000--	2 142 169	.4
Average size of farm -----acres--	231	1.2	Average per farm -----dollars--	66 294	1.1
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			Livestock and poultry purchased -----farms--		
Total sales (see text) -----farms--	32 306	1.0	-----\$1,000--	113 243	1.4
Average per farm -----dollars--	81 161	1.0	Feed for livestock and poultry -----farms--	19 712	1.3
Farms by value of sales:			-----\$1,000--	458 038	.5
Less than \$1,000 (see text) -----farms--	4 056	1.7	Commercially mixed formula feeds -----farms--	13 374	1.5
\$1,000 to \$2,499 -----farms--	1 020	1.9	-----\$1,000--	323 000	.6
\$2,500 to \$4,999 -----farms--	3 268	1.6	Seeds, bulbs, plants, and trees -----farms--	18 246	1.3
\$5,000 to \$9,999 -----farms--	5 432	1.5	-----\$1,000--	64 073	.6
\$10,000 to \$19,999 -----farms--	3 389	1.4	Commercial fertilizer -----farms--	20 843	1.2
\$20,000 to \$24,999 -----farms--	12 040	1.4	-----\$1,000--	94 324	.7
\$25,000 to \$39,999 -----farms--	3 536	1.3	Agricultural chemicals -----farms--	16 774	1.3
\$40,000 to \$49,999 -----farms--	25 065	1.3	Petroleum products -----farms--	67 322	.8
\$50,000 to \$99,999 -----farms--	3 224	1.5	-----\$1,000--	31 103	1.0
\$100,000 to \$249,999 -----farms--	45 111	1.5	Electricity -----farms--	100 002	.6
\$250,000 to \$499,999 -----farms--	932	1.9	Hired farm labor -----farms--	25 665	1.1
\$500,000 or more -----farms--	20 557	1.9	-----\$1,000--	71 925	.7
Sales by commodity or commodity group:			Contract labor -----farms--	12 903	1.5
Crops, including nursery and greenhouse crops -----farms--	16 796	1.0	-----\$1,000--	336 461	.3
Grains -----farms--	809 291	.3	Repair and maintenance -----farms--	2 460	3.8
Corn for grain -----farms--	5 024	.9	-----\$1,000--	18 485	1.8
Wheat -----farms--	116 924	.4	Customwork, machine hire, and rental of machinery and equipment -----farms--	28 561	1.1
Soybeans -----farms--	3 130	1.0	-----\$1,000--	164 993	.7
Sorghum for grain -----farms--	78 808	.4	Interest expense -----farms--	9 041	1.9
Barley -----farms--	2 104	.9	-----\$1,000--	23 951	1.8
Oats -----farms--	16 188	.4	Secured by real estate -----farms--	14 134	1.5
Other grains -----farms--	607	1.0	-----\$1,000--	125 135	.9
Cotton and cottonseed -----farms--	6 397	.6	Not secured by real estate -----farms--	10 115	1.7
Tobacco -----farms--	5	17.1	-----\$1,000--	80 041	1.1
Hay, silage, and field seeds -----farms--	10	17.3	-----\$1,000--	8 587	1.9
Vegetables, sweet corn, and melons -----farms--	142	2.1	-----\$1,000--	45 094	1.0
Fruits, nuts, and berries -----farms--	352	1.6	Cash rent -----farms--	9 825	1.7
Nursery and greenhouse crops -----farms--	1 565	1.1	-----\$1,000--	48 608	1.0
Other crops -----farms--	4 793	.8	Property taxes -----farms--	30 507	1.0
Livestock, poultry, and their products -----farms--	860	1.1	-----\$1,000--	124 566	.9
Poultry and poultry products -----farms--	10 377	.8	All other farm production expenses -----farms--	30 218	1.0
Dairy products -----farms--	1 812 710	.3	-----\$1,000--	331 044	.5
Cattle and calves -----farms--	1 235	1.4	NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
Hogs and pigs -----farms--	80 880	.1	All farms -----number--	32 313	1.0
Sheep, lambs, and wool -----farms--	10 066	.9	Average per farm -----dollars--	456 371	1.0
Other livestock and livestock products (see text) -----farms--	1 428 850	.3	Farms with net gains ² -----number--	16 773	1.2
Value of agricultural products sold directly to individuals for human consumption (see text) -----farms--	17 167	.9	Average net gain -----dollars--	581 475	.7
	218 680	.5	Farms with net losses -----number--	15 540	1.5
	1 498	1.4	Average net loss -----dollars--	125 104	1.7
	13 700	1.0	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
	1 561	1.5	Government payments -----farms--	6 248	.8
	3 513	2.2	-----\$1,000--	28 672	.5
	2 466	1.4	Other farm-related income ¹ -----farms--	8 835	2.1
	67 088	.4	-----\$1,000--	38 124	3.0
			Customwork and other agricultural services -----farms--	2 345	4.2
			-----\$1,000--	13 464	4.9
			Gross cash rent or share payments -----farms--	2 815	4.2
			-----\$1,000--	6 573	6.2
			Forest products and Christmas trees -----farms--	2 311	4.5
			-----\$1,000--	10 210	7.1
			Other farm-related income sources -----farms--	3 298	3.2
			-----\$1,000--	7 877	4.2
			COMMODITY CREDIT CORPORATION LOANS		
			Total -----farms--	626	.9
			-----\$1,000--	12 062	.5

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			TENURE OF OPERATOR		
Total cropland ----- farms ..	30 651	1.0	All operators ----- farms ..	32 306	1.0
Harvested cropland ----- farms ..	4 876 169	.6	Full owners ----- farms ..	7 458 015	.7
1 to 9 acres ----- farms ..	28 715	1.0	Part owners ----- farms ..	18 924	1.1
10 to 19 acres ----- farms ..	3 534 898	.5	Tenants ----- farms ..	2 746 164	1.0
20 to 29 acres ----- farms ..	3 902	1.4	landlords ..	11 417	.8
30 to 49 acres ----- farms ..	14 756	1.4	acres ..	4 310 632	.5
50 to 99 acres ----- farms ..	2 810	1.4	acres ..	1 965	1.9
100 to 199 acres ----- farms ..	37 467	1.4	acres ..	401 219	1.3
200 to 499 acres ----- farms ..	2 399	1.4	OWNED AND RENTED LAND		
500 to 999 acres ----- farms ..	55 277	1.4	Land owned ----- farms ..	30 364	1.0
1,000 acres or more ----- farms ..	3 609	1.3	acres ..	5 716 275	.7
acres ..	135 034	1.3	Owned land in farms ----- farms ..	30 341	1.0
acres ..	5 313	1.3	acres ..	5 500 435	.7
acres ..	369 457	1.4	Land rented or leased from others ----- farms ..	13 441	.9
acres ..	5 463	1.0	acres ..	1 980 134	.6
acres ..	754 336	1.0	landlords ..	37 218	.7
acres ..	4 082	.5	Rented or leased land in farms ----- farms ..	13 382	.9
acres ..	1 189 784	.5	acres ..	1 957 580	.6
acres ..	880	.2	Land rented or leased to others ----- farms ..	3 492	1.2
acres ..	583 111	.1	acres ..	238 394	1.2
acres ..	257	—	OPERATOR CHARACTERISTICS		
acres ..	395 676	—	Operators by place of residence:		
Cropland:			On farm operated ----- farms ..	26 939	1.0
Pasture or grazing only ----- farms ..	15 465	1.0	Not on farm operated ----- farms ..	3 522	1.4
acres ..	709 566	.9	Not reported ----- farms ..	1 845	1.1
acres ..	13 014	.9	Operators by principal occupation:		
acres ..	631 705	.7	Farming ----- farms ..	19 934	.9
Total woodland ----- farms ..	22 283	.9	Other ----- farms ..	12 372	1.3
acres ..	1 542 993	.8	Operators by days worked off farm:		
Pastureland and rangeland other than cropland and woodland pastured ----- farms ..	9 855	1.0	Any ----- farms ..	14 472	1.3
acres ..	554 338	.8	200 days or more ----- farms ..	9 355	1.3
Land in house lots, ponds, roads, wasteland, etc. ----- farms ..	23 073	1.0	Operators by sex:		
acres ..	484 515	.8	Male ----- farms ..	29 452	1.0
Irrigated land ----- farms ..	2 020	1.0	acres ..	7 092 466	.6
acres ..	46 600	.5	Female ----- farms ..	2 854	1.4
Acres irrigated:			acres ..	365 549	1.2
1 to 9 acres ----- farms ..	1 459	1.3	Average age of operator ----- years ..	52.5	1.4
acres ..	(D)	(D)	FARMS BY TYPE OF ORGANIZATION		
10 to 49 acres ----- farms ..	323	1.5	Individual or family (sole proprietorship) ----- farms ..	27 346	1.0
acres ..	6 966	1.5	acres ..	5 387 802	.8
acres ..	117	1.4	Partnership ----- farms ..	3 284	1.1
acres ..	7 893	1.4	acres ..	1 350 596	.5
acres ..	68	1.0	Corporation:		
acres ..	8 822	.8	Family held ----- farms ..	1 365	.8
acres ..	43	.8	acres ..	601 654	.3
acres ..	12 840	1.0	More than 10 stockholders ----- farms ..	14	3.4
acres ..	9	—	10 or less stockholders ----- farms ..	1 351	.8
acres ..	5 711	—	Other than family held ----- farms ..	156	2.1
acres ..	1	—	acres ..	64 541	1.1
acres ..	(D)	(D)	More than 10 stockholders ----- farms ..	12	6.0
Harvested cropland irrigated ----- farms ..	2 000	1.1	10 or less stockholders ----- farms ..	144	2.1
acres ..	44 943	.5	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	155	2.3
Pasture and other land irrigated ----- farms ..	53	3.8	acres ..	53 422	1.2
acres ..	1 657	1.1	HIRED FARM LABOR		
Land under federal acreage reduction programs:			Hired workers by days worked:		
Diverted under annual commodity programs ----- farms ..	2 765	.7	150 days or more ----- farms ..	7 456	1.5
acres ..	34 999	.3	workers ..	22 224	.9
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	1 181	1.2	Less than 150 days ----- farms ..	10 499	1.7
acres ..	47 278	1.3	workers ..	45 858	1.6
VALUE OF LAND AND BUILDINGS ¹			INJURIES AND DEATHS		
Estimated market value of land and buildings ----- farms ..	32 313	1.0	Farm-related injuries:		
Average per farm ----- \$1,000 ..	9 129 922	1.0	Operator and family members ----- farms ..	498	1.2
Average per acre ----- dollars ..	282 546	1.4	number ..	590	1.2
Average per acre ----- dollars ..	1 237	1.3	Hired workers ----- farms ..	602	.5
VALUE OF MACHINERY AND EQUIPMENT ¹			number ..	1 033	.4
Estimated market value of all machinery and equipment ----- farms ..	32 254	1.0	Farm-related deaths:		
Average per farm ----- \$1,000 ..	1 862 289	.9	Operator and family members ----- farms ..	2	16.1
Average per farm ----- dollars ..	57 738	1.3	number ..	(D)	(D)
AGRICULTURAL CHEMICALS ¹			Hired workers ----- farms ..	2	—
Commercial fertilizer ----- farms ..	20 618	1.2	number ..	(D)	(D)
acres on which used ----- farms ..	2 214 886	.7			

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS BY SIZE			LIVESTOCK		
1 to 9 acres ----- farms ..	2 129	1.5	Cattle and calves inventory ----- farms ..	18 134	.9
10 to 49 acres ----- farms ..	8 393	1.6	number..	1 470 610	.5
50 to 69 acres ----- farms ..	5 201	1.4	Beef cows ----- farms ..	5 880	1.2
70 to 99 acres ----- farms ..	141 463	1.4	number..	72 971	1.2
100 to 139 acres ----- farms ..	2 187	1.4	Milk cows ----- farms ..	10 696	.9
140 to 179 acres ----- farms ..	126 702	1.4	number..	721 286	.4
180 to 219 acres ----- farms ..	2 704	1.3	Cattle and calves sold ----- farms ..	17 167	.9
220 to 259 acres ----- farms ..	225 927	1.3	number..	639 193	.5
260 to 499 acres ----- farms ..	3 482	1.3	\$1,000..	218 680	.5
500 to 999 acres ----- farms ..	405 658	1.3	Hogs and pigs inventory ----- farms ..	2 094	1.3
			number..	90 282	1.1
			Hogs and pigs sold ----- farms ..	1 498	1.4
			number..	168 196	1.1
			\$1,000..	13 700	1.0
			Sheep and lambs of all ages inventory ----- farms ..	1 705	1.4
			number..	76 682	2.0
			Sheep and lambs sold ----- farms ..	1 416	1.5
			number..	61 672	2.1
			Horses and ponies inventory ----- farms ..	6 458	1.3
			number..	43 278	1.3
			Horses and ponies sold ----- farms ..	1 481	1.5
			number..	6 240	1.8
			POULTRY		
			Chickens 3 months old or older inventory ----- farms ..	2 088	1.4
			number..	4 538 622	.1
			Hens and pullets of laying age ----- farms ..	2 058	1.4
			number..	3 779 101	.1
			Broilers and other meat-type chickens sold ----- farms ..	142	2.9
			number..	1 042 100	2.6
			CROPS HARVESTED		
			Corn for grain or seed ----- farms ..	5 724	.8
			acres..	518 839	.4
			bushels..	47 702 382	.3
			Corn for silage or green chop ----- farms ..	9 862	.8
			acres..	544 045	.4
			tons, green..	7 299 613	.3
			Wheat for grain ----- farms ..	2 200	.9
			acres..	117 908	.5
			bushels..	6 280 963	.4
			Oats for grain ----- farms ..	4 059	.9
			acres..	109 686	.7
			bushels..	6 889 878	.6
			Dry edible beans, excluding dry limas ----- farms ..	430	1.3
			acres..	36 531	.8
			cwt..	414 643	.9
			Irish potatoes ----- farms ..	587	1.5
			acres..	28 861	.4
			cwt..	7 023 100	.4
			Hay—alfalfa, other tame, small grain, wild, grass		
			silage, green chop, etc. (see text) ----- farms ..	22 376	1.0
			acres..	2 013 646	.7
			tons, dry ..	4 268 674	.6
			Alfalfa hay ----- farms ..	13 822	.9
			acres..	813 084	.7
			tons, dry ..	2 044 356	.6
			Vegetables harvested for sale (see text) ----- farms ..	2 758	1.1
			acres..	139 841	.3
			acres..	2 938	1.1
			Land in orchards ----- farms ..	112 905	.5
			acres..		
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION					
Cash grains (011) ----- farms ..	1 559	1.3			
acres..	603 409	.7			
Field crops, except cash grains (013) ----- farms ..	4 920	1.3			
acres..	906 123	1.2			
Vegetables and melons (016) ----- farms ..	1 503	1.3			
acres..	289 999	.6			
Fruits and tree nuts (017) ----- farms ..	2 397	1.2			
acres..	258 835	.8			
Horticultural specialties (018) ----- farms ..	1 697	1.2			
acres..	89 616	1.3			
General farms, primarily crop (019) ----- farms ..	1 282	1.6			
acres..	204 023	1.2			
Livestock, except dairy, poultry, and animal specialties (021) ----- farms ..	6 738	1.2			
acres..	1 038 061	1.2			
Dairy farms (024) ----- farms ..	9 698	.9			
acres..	3 809 369	.5			
Poultry and eggs (025) ----- farms ..	294	1.9			
acres..	37 422	1.3			
Animal specialties (027) ----- farms ..	1 940	1.6			
acres..	148 479	1.5			
General farms, primarily livestock and animal specialties (029) ----- farms ..	278	2.2			
acres..	72 679	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 of less than \$1,000.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS			FARM PRODUCTION EXPENSES¹		
Farms ----- number ..	18 057	1.0	Total farm production expenses ----- farms ..	18 039	1.0
Land in farms ----- acres ..	5 997 617	.6	----- \$1,000 ..	2 037 956	.4
Average size of farm ----- acres ..	332	1.1	Average per farm ----- dollars ..	112 975	1.1
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
Total sales (see text) ----- farms ..	18 057	1.0	All farms ----- number ..	18 039	1.0
----- \$1,000 ..	2 578 444	.3	----- \$1,000 ..	517 642	.9
Average per farm ----- dollars ..	142 795	1.0	Average per farm ----- dollars ..	28 696	1.3
Farms by value of sales:			Farms with net gains ² ----- number ..	14 137	1.2
\$10,000 to \$19,999 ----- farms ..	3 224	1.5	----- \$1,000 ..	576 358	.7
----- \$1,000 ..	45 111	1.5	Average net gain ----- dollars ..	40 769	1.4
\$20,000 to \$24,999 ----- farms ..	932	1.9	Farms with net losses ----- number ..	3 902	3.0
----- \$1,000 ..	20 557	1.9	----- \$1,000 ..	58 715	2.4
\$25,000 to \$39,999 ----- farms ..	1 716	1.8	Average net loss ----- dollars ..	15 048	3.8
----- \$1,000 ..	54 032	1.8	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
\$40,000 to \$49,999 ----- farms ..	885	2.2	Government payments ----- farms ..	4 859	.8
----- \$1,000 ..	39 611	2.2	----- \$1,000 ..	26 238	.4
\$50,000 to \$99,999 ----- farms ..	3 973	1.9	Other farm-related income ¹ ----- farms ..	5 104	2.4
----- \$1,000 ..	292 490	1.8	----- \$1,000 ..	28 726	3.3
\$100,000 to \$249,999 ----- farms ..	5 053	—	Customwork and other agricultural services ----- farms ..	1 483	4.5
----- \$1,000 ..	787 600	—	----- \$1,000 ..	11 638	5.3
\$250,000 to \$499,999 ----- farms ..	1 535	—	Gross cash rent or share payments ----- farms ..	1 055	6.0
----- \$1,000 ..	511 311	—	----- \$1,000 ..	3 663	8.8
\$500,000 or more ----- farms ..	739	—	Forest products and Christmas trees ----- farms ..	1 245	8.3
----- \$1,000 ..	827 732	—	----- \$1,000 ..	7 089	5.7
Sales by commodity or commodity group:			Other farm-related income sources ----- farms ..	2 617	3.2
Crops, including nursery and greenhouse crops ----- farms ..	9 567	1.0	----- \$1,000 ..	6 336	2.7
----- \$1,000 ..	785 610	.3	COMMODITY CREDIT CORPORATION LOANS		
Grains ----- farms ..	3 917	.9	Total ----- farms ..	595	.8
----- \$1,000 ..	114 151	.4	----- \$1,000 ..	12 013	.5
Corn for grain ----- farms ..	2 571	.9			
----- \$1,000 ..	77 230	.4			
Wheat ----- farms ..	1 775	.9			
----- \$1,000 ..	15 720	.4			
Soybeans ----- farms ..	554	1.0			
----- \$1,000 ..	6 291	.6			
Sorghum for grain ----- farms ..	2	21.2			
----- \$1,000 ..	(D)	—			
Barley ----- farms ..	121	2.1			
----- \$1,000 ..	(D)	—			
Oats ----- farms ..	1 216	1.1			
----- \$1,000 ..	4 451	.8			
Other grains ----- farms ..	721	1.1			
----- \$1,000 ..	10 125	.8			
Cotton and cottonseed ----- farms ..	—	—			
----- \$1,000 ..	—	—			
Tobacco ----- farms ..	1	—			
----- \$1,000 ..	(D)	—			
Hay, silage, and field seeds ----- farms ..	4 357	1.1			
----- \$1,000 ..	56 345	1.0			
Vegetables, sweet corn, and melons ----- farms ..	1 936	1.0			
----- \$1,000 ..	178 491	.2			
Fruits, nuts, and berries ----- farms ..	1 841	1.2			
----- \$1,000 ..	176 142	.3			
Nursery and greenhouse crops ----- farms ..	1 410	1.1			
----- \$1,000 ..	215 915	.2			
Other crops ----- farms ..	445	1.5			
----- \$1,000 ..	(D)	—			
Livestock, poultry, and their products ----- farms ..	13 263	1.0			
----- \$1,000 ..	1 792 834	.3			
Poultry and poultry products ----- farms ..	487	1.7			
----- \$1,000 ..	80 427	.1			
Dairy products ----- farms ..	9 948	.9			
----- \$1,000 ..	1 428 343	.3			
Cattle and calves ----- farms ..	12 401	.9			
----- \$1,000 ..	205 506	.5			
Hogs and pigs ----- farms ..	698	1.6			
----- \$1,000 ..	12 645	1.1			
Sheep, lambs, and wool ----- farms ..	485	1.8			
----- \$1,000 ..	2 254	3.1			
Other livestock and livestock products (see text) ----- farms ..	815	1.7			
----- \$1,000 ..	63 658	.4			
Value of agricultural products sold directly to individuals for human consumption (see text) ----- farms ..	1 616	1.3			
----- \$1,000 ..	29 411	.7			

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			FARMS BY TYPE OF ORGANIZATION		
Total cropland ----- farms ..	17 609	1.0	Individual or family (sole proprietorship) ----- farms ..	14 153	1.1
Harvested cropland ----- acres ..	4 159 243	.6	Partnership ----- farms ..	4 065 190	.7
Harvested cropland ----- farms ..	17 220	1.0	Partnership ----- farms ..	2 613	.9
Harvested cropland ----- acres ..	3 174 917	.5	Partnership ----- acres ..	1 271 137	.4
Cropland:			Corporation:		
Pasture or grazing only ----- farms ..	9 095	1.0	Family held ----- farms ..	1 110	.7
Pasture or grazing only ----- acres ..	532 125	.8	Family held ----- farms ..	570 942	.2
Total woodland ----- farms ..	13 125	.9	More than 10 stockholders ----- farms ..	13	3.7
Total woodland ----- acres ..	1 082 360	.7	10 or less stockholders ----- farms ..	1 097	.7
Pastureland and rangeland other than cropland and woodland pastured ----- farms ..	6 041	.9	Other than family held ----- farms ..	104	1.9
Pastureland and rangeland other than cropland and woodland pastured ----- acres ..	414 230	.7	Other than family held ----- acres ..	56 391	.7
Land in house lots, ponds, roads, wasteland, etc. ----- farms ..	13 054	.9	More than 10 stockholders ----- farms ..	9	4.4
Land in house lots, ponds, roads, wasteland, etc. ----- acres ..	341 784	.7	10 or less stockholders ----- farms ..	95	2.0
Irrigated land ----- farms ..	1 500	1.0	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	77	2.5
Irrigated land ----- acres ..	44 882	.5	Other—cooperative, estate or trust, institutional, etc. ----- acres ..	33 957	1.4
Harvested cropland irrigated ----- farms ..	1 494	1.0			
Harvested cropland irrigated ----- acres ..	43 381	.5	HIRED FARM LABOR		
Pasture and other land irrigated ----- farms ..	28	4.3	Hired workers by days worked:		
Pasture and other land irrigated ----- acres ..	1 501	.6	150 days or more ----- farms ..	6 718	1.4
Land under federal acreage reduction programs:			150 days or more ----- workers ..	21 452	.9
Diverted under annual commodity programs ----- farms ..	2 571	.7	Less than 150 days ----- farms ..	7 837	1.7
Diverted under annual commodity programs ----- acres ..	34 511	.3	Less than 150 days ----- workers ..	39 595	1.6
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	733	1.2			
Conservation Reserve or Wetlands Reserve Programs ----- acres ..	31 239	1.1	INJURIES AND DEATHS		
VALUE OF LAND AND BUILDINGS ¹			Farm-related injuries:		
Estimated market value of land and buildings ----- farms ..	18 039	1.0	Operator and family members ----- farms ..	399	1.1
Estimated market value of land and buildings ----- \$1,000 ..	7 011 748	1.0	Operator and family members ----- number ..	483	1.1
Average per farm ----- dollars	388 699	1.4	Hired workers ----- farms ..	570	.5
Average per acre ----- dollars	1 184	1.3	Hired workers ----- number ..	999	.3
VALUE OF MACHINERY AND EQUIPMENT ¹			Farm-related deaths:		
Estimated market value of all machinery and equipment ----- farms ..	18 038	1.0	Operator and family members ----- farms ..	1	—
Estimated market value of all machinery and equipment ----- \$1,000 ..	1 602 276	.8	Operator and family members ----- number ..	(D)	(D)
Average per farm ----- dollars	88 828	1.3	Hired workers ----- farms ..	2	—
Average per farm ----- dollars			Hired workers ----- number ..	(D)	(D)
AGRICULTURAL CHEMICALS¹			FARMS BY SIZE		
Commercial fertilizer ----- farms ..	14 562	1.1	1 to 9 acres -----	696	1.5
Commercial fertilizer ----- acres on which used ..	2 111 543	.7	10 to 49 acres -----	1 346	1.7
			50 to 69 acres -----	621	1.9
TENURE OF OPERATOR			70 to 99 acres -----	858	1.7
All operators ----- farms ..	18 057	1.0	100 to 139 acres -----	1 417	1.6
All operators ----- acres ..	5 997 617	.6	140 to 179 acres -----	1 564	1.6
Full owners ----- farms ..	7 595	1.2	180 to 219 acres -----	1 474	1.5
Full owners ----- acres ..	1 634 633	.9	220 to 259 acres -----	1 483	1.3
Part owners ----- farms ..	9 104	.8	260 to 499 acres -----	5 237	.8
Part owners ----- acres ..	4 009 538	.4	500 to 999 acres -----	2 567	.4
Tenants ----- farms ..	1 358	2.1	1,000 to 1,999 acres -----	668	—
Tenants ----- acres ..	353 446	1.4	2,000 acres or more -----	126	—
OWNED AND RENTED LAND			FARMS BY STANDARD INDUSTRIAL CLASSIFICATION		
Land owned ----- farms ..	16 711	.9	Cash grains (011) -----	988	1.3
Land owned ----- acres ..	4 307 970	.6	Field crops, except cash grains (013) -----	1 417	1.5
Owned land in farms ----- farms ..	16 699	.9	Vegetables and melons (016) -----	960	1.3
Owned land in farms ----- acres ..	4 211 417	.6	Fruits and tree nuts (017) -----	1 315	1.3
Land rented or leased from others ----- farms ..	10 494	.9	Horticultural specialties (018) -----	1 120	1.1
Land rented or leased from others ----- acres ..	1 804 771	.6	General farms, primarily crop (019) -----	264	1.9
Landlords ----- farms ..	31 848	.7	Livestock, except dairy, poultry, and animal specialties (021) -----	1 835	1.5
Rented or leased land in farms ----- farms ..	10 462	.9	Dairy farms (024) -----	9 611	.9
Rented or leased land in farms ----- acres ..	1 786 200	.6	Poultry and eggs (025) -----	122	1.9
Land rented or leased to others ----- farms ..	1 352	1.2	Animal specialties (027) -----	339	2.1
Land rented or leased to others ----- acres ..	115 124	1.3	General farms, primarily livestock and animal specialties (029) -----	86	3.0
OPERATOR CHARACTERISTICS			LIVESTOCK		
Operators by place of residence:			Cattle and calves inventory ----- farms ..	12 365	.9
On farm operated -----	15 146	1.0	Cattle and calves inventory ----- number ..	1 376 009	.5
Not on farm operated -----	1 890	1.4	Beef cows ----- farms ..	2 092	1.2
Not reported -----	1 021	1.0	Beef cows ----- number ..	37 748	1.3
Operators by principal occupation:			Milk cows ----- farms ..	10 021	.9
Farming -----	15 025	.9	Milk cows ----- number ..	719 493	.4
Other -----	3 032	1.4	Cattle and calves sold ----- farms ..	12 401	.9
Operators by days worked off farm:			Cattle and calves sold ----- number ..	605 932	.5
Any -----	5 116	1.4	Hogs and pigs inventory ----- \$1,000 ..	205 506	.5
200 days or more -----	2 572	1.4	Hogs and pigs inventory ----- farms ..	962	1.5
Operators by sex:			Hogs and pigs sold ----- number ..	79 385	1.2
Male -----	17 082	1.0	Hogs and pigs sold ----- farms ..	698	1.6
Female -----	975	1.5	Hogs and pigs sold ----- number ..	154 858	1.2
Average age of operator ----- years ..	51.1	1.4	Hogs and pigs sold ----- \$1,000 ..	12 645	1.1
			Sheep and lambs of all ages inventory ----- farms ..	532	1.8
			Sheep and lambs of all ages inventory ----- number ..	43 270	2.8
			Sheep and lambs sold ----- farms ..	442	2.0
			Sheep and lambs sold ----- number ..	38 063	3.0
			Horses and ponies inventory ----- farms ..	2 173	1.3
			Horses and ponies inventory ----- number ..	15 334	1.4
			Horses and ponies sold ----- farms ..	484	1.9
			Horses and ponies sold ----- number ..	3 920	2.5

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
POULTRY			CROPS HARVESTED—Con.		
Chickens 3 months old or older inventory -----farms --	769	1.7	Oats for grain ----- farms --	3 279	.9
number--	4 492 454	.1	acres--	101 261	.7
Hens and pullets of laying age -----farms --	761	1.7	bushels--	6 463 922	.6
number--	3 739 514	.1	Dry edible beans, excluding dry limas -----farms --	384	1.3
Broilers and other meat-type chickens sold -----farms --	58	3.9	acres--	35 973	.8
number--	1 034 941	2.7	cwt--	409 610	.9
CROPS HARVESTED			Irish potatoes ----- farms --	439	1.6
Corn for grain or seed -----farms --	4 824	.8	acres--	28 585	.4
acres--	506 393	.4	cwt--	6 986 596	.4
bushels--	46 780 507	.3	Hay—alfalfa, other tame, small grain, wild, grass		
Corn for silage or green chop -----farms --	8 869	.8	silage, green chop, etc. (see text) -----farms --	13 464	1.0
acres--	530 174	.4	acres--	1 702 772	.7
tons, green--	7 152 446	.3	tons, dry--	3 808 526	.6
Wheat for grain -----farms --	1 826	.9	Alfalfa hay ----- farms --	9 648	.9
acres--	112 649	.5	acres--	706 928	.7
bushels--	6 060 628	.4	tons, dry--	1 859 579	.6
			Vegetables harvested for sale (see text) -----farms --	1 937	1.0
			acres--	136 929	.3
			Land in orchards ----- farms --	1 619	1.2
			acres--	103 330	.5

¹Data are based on a sample of farms.

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

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

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

Item	All farms		Farms with sales of \$10,000 or more	
	Percent change from 1987 to 1992	Standard error of estimate	Percent change from 1987 to 1992	Standard error of estimate
Farms..... number..	-14.4	1.2	-12.4	1.2
Land in farms..... acres..	-11.4	.9	-11.0	.8
Average size of farm..... acres..	3.6	1.8	1.5	1.6
Estimated market value of land and buildings ¹ :				
Average per farm.....dollars..	29.1	2.8	27.5	2.6
Average per acre.....dollars..	24.6	2.5	25.8	2.4
Estimated market value of all machinery and equipment ¹ :				
Average per farm.....dollars..	17.6	2.4	16.2	2.2
Farms by size:				
1 to 9 acres.....	-15.4	1.7	-16.5	1.5
10 to 49 acres.....	-14.9	1.8	1.7	2.2
50 to 179 acres.....	-14.2	1.5	-7.4	1.8
180 to 499 acres.....	-15.8	1.2	-17.5	1.2
500 to 999 acres.....	-12.8	.6	-13.5	.5
1,000 to 1,999 acres.....	4.0	-	3.9	-
2,000 acres or more.....	18.0	-	16.7	-
Total cropland..... farms..	-14.1	1.2	-12.2	1.2
Harvested cropland..... acres..	-9.4	.8	-9.1	.8
Irrigated land..... farms..	-14.7	1.2	-12.4	1.2
..... acres..	-9.4	.7	-8.4	.7
Irrigated land..... farms..	1.4	1.2	2.0	1.1
..... acres..	-8.5	.6	-7.8	.5
Market value of agricultural products sold.....\$1,000..	7.4	.5	7.8	.5
Average per farm.....dollars..	25.4	1.9	23.1	1.8
Crops, including nursery and greenhouse crops.....\$1,000..	15.4	.5	16.5	.4
Livestock, poultry, and their products.....\$1,000..	4.1	.6	4.4	.6
Farms by value of sales:				
Less than \$2,500.....	-20.1	1.4	(X)	(X)
\$2,500 to \$4,999.....	-16.5	1.8	(X)	(X)
\$5,000 to \$9,999.....	-9.1	1.8	(X)	(X)
\$10,000 to \$24,999.....	-6.1	1.9	-6.1	1.9
\$25,000 to \$49,999.....	-22.1	1.9	-22.1	1.9
\$50,000 to \$99,999.....	-28.5	1.8	-28.5	1.8
\$100,000 to \$249,999.....	-9.0	(L)	-9.0	(L)
\$250,000 to \$499,999.....	21.6	(L)	21.6	(L)
\$500,000 or more.....	53.0	-	53.0	-
Total farm production expenses ¹\$1,000..	12.9	1.3	13.4	1.3
Average per farm.....dollars..	31.9	2.2	29.3	2.0
Net cash return from agricultural sales for the farm unit (see text) ¹ farms..	-14.4	1.4	-12.3	1.2
.....\$1,000..	-11.7	1.3	-8.8	1.1
Average per farm.....dollars..	3.2	2.2	3.9	2.0
Operators by principal occupation:				
Farming.....	-13.2	1.1	-14.0	1.1
Other.....	-16.2	1.7	-3.8	1.8
Operators by days worked off farm:				
Any.....	-17.8	4.2	-13.7	4.5
200 days or more.....	-18.7	4.2	-7.4	4.8
Livestock and poultry:				
Cattle and calves inventory..... farms..	-18.5	1.1	-15.8	1.2
..... number..	-8.3	.7	-7.8	.7
Beef cows..... farms..	-13.5	1.6	.6	1.7
..... number..	1.9	1.7	10.0	1.9
Milk cows..... farms..	-22.7	1.0	-19.4	1.1
..... number..	-11.4	.6	-11.0	.6
Cattle and calves sold..... farms..	-18.8	1.1	-16.6	1.1
..... number..	-15.3	.7	-14.6	.6
Hogs and pigs inventory..... farms..	-20.8	1.5	-20.4	1.6
..... number..	-9.3	1.5	-6.2	1.7
Hogs and pigs sold..... farms..	-23.5	1.5	-23.3	1.7
..... number..	-2.3	1.6	1.7	1.8
Sheep and lambs inventory..... farms..	-12.2	1.9	-20.2	1.9
..... number..	-3	2.7	-3	3.7
Chickens 3 months old or older inventory..... farms..	-35.5	1.3	-33.0	1.5
..... number..	-16.8	.2	-16.5	.2
Broilers and other meat-type chickens sold..... farms..	-31.1	2.6	-31.0	3.4
..... number..	-39.2	1.9	-39.2	1.9
Selected crops harvested:				
Corn for grain or seed..... farms..	-38.5	.7	-33.1	.7
..... acres..	-13.4	.5	-11.7	.5
..... bushels..	-27.6	.4	-26.5	.4
Corn for silage or green chop..... farms..	-17.3	1.0	-17.8	1.0
..... acres..	3.5	.7	3.7	.6
..... tons, green..	-4.3	.5	-3.9	.5
Oats for grain..... farms..	-36.2	.8	-34.7	.9
..... acres..	-32.6	.6	-31.4	.6
..... bushels..	-27.9	.7	-26.8	.7
Irish potatoes..... farms..	-2.5	1.9	-6.8	1.8
..... acres..	-19.1	.4	-19.4	.4
..... cwt..	-22.0	.4	-22.2	.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms..	-16.7	1.2	-14.9	1.2
..... acres..	-10.9	.9	-10.3	.9
..... tons, dry..	-12.2	.8	-11.5	.8
Vegetables harvested for sale (see text)..... farms..	-2.3	1.4	-2.2	1.3
..... acres..	-6.8	.4	-6.9	.4
Land in orchards..... farms..	-10.7	1.4	-5.6	1.4
..... acres..	-9.3	.7	-8.9	.6

¹Data are based on a sample of farms.

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

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

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm ¹		Estimated market value of all machinery and equipment ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
New York ----	32 306	1.0	7 458 015	.7	231	1.2	282 546	1.4	1 862 289	.9
Albany -----	391	1.3	57 889	1.5	148	2.0	358 794	5.9	14 228	10.9
Allegany -----	682	1.3	161 643	1.2	237	1.8	130 019	4.0	23 221	4.7
Bronx -----	—	—	—	—	—	—	—	—	—	—
Broome -----	517	1.1	97 869	1.2	189	1.6	191 877	5.9	19 755	6.9
Cattaraugus -----	941	1.2	203 704	1.2	216	1.7	189 953	8.8	42 495	5.9
Cayuga -----	873	1.1	254 002	.7	291	1.3	310 361	4.3	58 263	2.5
Chautauqua -----	1 679	.9	259 540	.7	155	1.2	157 301	3.8	72 651	2.6
Chemung -----	285	1.3	58 963	1.5	207	2.0	160 622	6.0	10 605	7.1
Chenango -----	796	1.1	188 008	.9	236	1.4	193 165	3.8	42 741	4.9
Clinton -----	488	1.2	158 392	1.0	325	1.6	277 289	2.9	40 728	3.6
Columbia -----	484	.9	111 974	.8	231	1.2	606 857	4.6	34 818	5.3
Cortland -----	478	1.1	138 220	1.0	290	1.4	266 236	6.3	31 995	7.2
Delaware -----	716	1.3	192 116	1.1	268	1.7	281 564	5.5	34 844	3.3
Dutchess -----	554	1.4	109 692	1.2	198	1.8	827 505	4.2	33 044	6.2
Erie -----	995	.9	145 679	.8	146	1.2	244 149	4.2	62 303	3.3
Essex -----	195	1.2	54 986	1.5	282	1.9	333 587	13.3	9 776	5.8
Franklin -----	512	1.6	138 299	1.4	270	2.1	208 317	7.1	28 298	3.4
Fulton -----	184	1.5	35 343	1.8	192	2.4	201 985	5.6	11 082	6.7
Genesee -----	545	.8	171 722	.5	315	.9	319 909	2.7	44 182	2.1
Greene -----	222	1.3	45 820	1.7	206	2.1	550 038	7.3	7 507	7.3
Hamilton -----	1	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Herkimer -----	636	1.5	163 072	1.3	256	1.9	203 039	3.2	37 752	6.3
Jefferson -----	894	1.1	300 559	.8	336	1.4	208 065	3.0	60 413	3.3
Kings -----	3	—	4	—	1	—	(D)	(D)	(D)	(D)
Lewis -----	617	.8	169 313	.8	274	1.2	214 286	10.1	47 675	4.0
Livingston -----	636	1.1	205 105	.7	322	1.4	319 240	4.9	46 974	2.7
Madison -----	699	1.0	195 626	.7	280	1.2	259 738	3.2	46 307	2.3
Monroe -----	511	.8	110 150	.6	216	1.0	463 664	6.1	33 713	6.1
Montgomery -----	537	1.3	138 822	.8	259	1.5	244 079	3.0	37 153	6.2
Nassau -----	62	1.5	1 890	8.1	30	8.3	766 396	4.9	1 798	4.0
New York -----	—	—	—	—	—	—	—	—	—	—
Niagara -----	749	1.0	135 494	.7	181	1.3	197 211	3.0	41 439	4.7
Oneida -----	1 051	1.0	242 637	.9	231	1.4	217 915	3.8	62 190	6.5
Onondaga -----	636	1.1	145 329	.8	229	1.4	313 797	3.9	42 506	2.6
Ontario -----	725	.9	181 624	.7	251	1.1	348 533	3.8	53 633	4.3
Orange -----	641	1.1	102 733	.9	160	1.4	623 458	7.6	41 217	2.5
Orleans -----	469	.8	133 854	.6	285	1.0	251 967	3.0	40 362	2.6
Oswego -----	659	1.1	112 334	1.1	170	1.5	175 306	4.9	32 059	8.1
Otsego -----	867	1.0	218 306	1.0	252	1.4	249 997	3.8	45 851	5.3
Putnam -----	42	1.9	3 803	3.6	91	4.1	586 257	7.7	1 317	3.8
Queens -----	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Rensselaer -----	444	1.1	92 683	1.1	209	1.6	306 350	4.9	16 671	3.9
Richmond -----	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Rockland -----	27	1.3	831	1.7	31	2.2	1 579 774	4.4	963	2.5
St. Lawrence -----	1 367	1.2	396 721	1.1	290	1.6	175 269	4.1	70 317	4.2
Saratoga -----	443	.9	70 404	1.0	159	1.4	313 336	6.8	17 967	6.1
Schenectady -----	151	1.5	19 198	2.7	127	3.0	244 534	15.5	5 599	9.4
Schoharie -----	516	1.5	117 799	1.3	228	2.0	279 557	6.8	25 635	8.7
Schuyler -----	312	1.2	65 323	1.3	209	1.7	167 559	4.7	11 721	4.5
Seneca -----	386	1.1	115 071	.9	298	1.4	320 859	5.5	30 306	7.1
Steuben -----	1 254	1.1	363 293	.8	290	1.4	211 550	3.7	69 258	3.2
Suffolk -----	587	1.2	35 353	.9	60	1.5	579 576	3.3	44 024	2.4
Sullivan -----	306	1.2	56 002	1.3	183	1.8	457 702	11.8	15 620	11.7
Tioga -----	507	1.0	114 859	.8	227	1.3	205 160	4.1	22 760	3.7
Tompkins -----	441	.9	91 822	.9	208	1.3	266 850	5.2	23 796	3.9
Ulster -----	433	1.1	69 643	1.4	161	1.8	482 603	5.6	20 257	4.1
Warren -----	57	1.6	5 811	5.9	102	6.1	260 127	6.9	1 525	4.1
Washington -----	745	1.1	205 954	.8	276	1.3	331 008	3.6	46 670	2.3
Wayne -----	919	1.0	174 627	.8	190	1.3	243 457	3.4	56 549	3.2
Westchester -----	97	1.1	5 709	3.5	59	3.6	687 434	5.6	3 790	4.1
Wyoming -----	736	.9	209 889	.6	285	1.0	290 594	3.5	58 412	1.9
Yates -----	602	1.2	102 024	1.1	169	1.6	179 396	4.3	25 317	5.0
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)	
New York ----	57 738	1.3	2 622 001	.3	81 161	1.0	32 313	1.0	2 142 169	.4
Albany -----	37 942	11.3	15 611	.8	39 926	1.5	391	1.4	13 773	4.0
Allegany -----	34 098	4.9	31 037	.9	45 508	1.6	681	1.6	25 748	1.8
Bronx -----	—	—	—	—	—	—	—	—	—	—
Broome -----	38 284	7.1	24 754	.7	47 881	1.3	516	1.2	19 678	1.6

See footnotes at end of table.

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

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

Geographic area	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)
Cattaraugus	45 159	6.1	56 089	.7	59 606	1.4	941	1.3	43 787	1.4
Cayuga	66 739	2.7	93 993	.3	107 666	1.1	873	1.2	81 309	1.3
Chautauqua	43 478	2.8	88 370	.5	52 632	1.1	1 679	.9	69 950	1.9
Chemung	37 081	7.3	11 917	1.0	41 815	1.6	286	1.6	10 353	4.8
Chenango	53 695	5.1	55 912	.6	70 241	1.3	796	1.2	42 936	1.7
Clinton	83 631	3.8	57 004	.4	116 811	1.3	487	1.4	46 127	2.3
Columbia	71 642	5.5	55 665	.3	115 011	.9	486	1.2	49 296	1.0
Cortland	66 935	7.4	43 204	.5	90 386	1.2	478	1.4	35 583	.9
Delaware	48 597	3.6	51 163	.5	71 457	1.4	717	1.4	40 940	1.4
Dutchess	59 754	6.3	33 091	.6	59 730	1.5	553	1.0	30 768	1.5
Erie	62 616	3.5	70 907	.3	71 263	1.0	995	.9	61 592	.8
Essex	49 880	6.1	8 363	1.2	42 887	1.7	196	1.8	7 975	4.2
Franklin	55 270	3.8	47 746	.8	93 254	1.8	512	1.7	36 973	1.8
Fulton	59 900	7.0	10 196	1.4	55 411	2.1	185	2.1	7 899	2.0
Genesee	81 069	2.3	71 013	.2	130 300	.8	545	.9	61 647	1.1
Greene	33 665	7.4	8 102	1.2	36 497	1.7	223	1.4	7 044	4.4
Hamilton (D)	(D)	(D)	(D)	(D)	(D)	(D)	1	—	(D)	(D)
Herkimer	59 359	6.4	50 672	.8	79 673	1.7	636	1.3	38 404	2.1
Jefferson	67 652	3.5	76 245	.5	85 286	1.2	893	1.1	60 331	1.0
Kings (D)	(D)	(D)	139	—	46 492	—	3	—	75	—
Lewis	77 269	4.2	62 437	.4	101 194	.9	617	1.2	47 996	2.1
Livingston	73 858	3.0	61 395	.4	96 533	1.2	636	1.4	54 096	.9
Madison	66 248	2.7	67 932	.4	97 184	1.1	699	1.3	53 098	1.3
Monroe	65 846	6.1	41 485	.3	81 183	.8	512	1.0	35 180	1.5
Montgomery	69 058	6.4	49 509	.6	92 196	1.4	538	1.6	39 057	1.4
Nassau	28 992	5.6	2 037	2.6	32 859	3.0	62	3.9	1 412	3.1
New York	—	—	—	—	—	—	—	—	—	—
Niagara	55 399	4.8	46 026	.4	61 449	1.1	748	1.1	38 491	2.3
Oneida	59 626	6.7	75 082	.5	71 439	1.2	1 050	1.6	57 946	2.6
Onondaga	66 833	2.8	62 072	.3	97 597	1.2	636	1.0	50 899	1.2
Ontario	73 874	4.4	56 410	.4	77 808	.9	726	.7	49 063	1.0
Orange	64 301	2.8	74 644	.3	116 450	1.2	641	1.2	56 640	1.4
Orleans	86 060	2.8	51 584	.2	109 987	.9	469	.9	46 483	1.2
Oswego	48 647	8.1	31 294	.6	47 487	1.3	659	1.0	27 077	3.5
Otsego	52 824	5.5	58 243	.6	67 178	1.2	868	1.5	47 286	2.0
Putnam	31 361	6.1	1 926	1.5	45 859	2.4	42	4.8	1 409	2.4
Queens (D)	(D)	(D)	(D)	(D)	(D)	(D)	2	—	(D)	(D)
Rensselaer	37 547	4.2	26 312	.6	59 261	1.3	444	1.5	19 600	1.4
Richmond (D)	(D)	(D)	(D)	(D)	(D)	(D)	2	—	(D)	(D)
Rockland	35 680	4.8	1 457	.7	53 966	1.5	27	4.1	1 105	1.6
St. Lawrence	51 590	4.4	94 173	.7	68 890	1.4	1 368	1.3	74 829	1.4
Saratoga	41 304	6.4	23 820	.5	53 769	1.0	443	1.2	20 147	2.4
Schenectady	36 837	9.8	11 723	.5	77 636	1.6	152	2.4	10 870	1.2
Schoharie	49 680	8.8	29 691	.7	57 541	1.7	516	1.6	24 630	2.3
Schuyler	37 567	4.7	12 920	.9	41 411	1.5	312	1.3	10 607	3.0
Seneca	78 309	7.2	31 710	.5	82 151	1.2	387	1.2	26 138	1.9
Steuben	55 274	3.4	82 296	.5	65 627	1.2	1 253	.8	68 886	1.2
Suffolk	76 298	3.2	133 762	.2	227 874	1.2	588	1.2	102 983	.4
Sullivan	51 044	11.8	20 470	.5	66 894	1.3	306	1.4	19 414	4.9
Tioga	44 892	3.9	30 897	.5	60 940	1.2	507	1.0	25 657	3.1
Tompkins	54 329	4.1	50 720	.3	115 011	.9	442	1.0	32 659	1.1
Ulster	46 891	4.4	50 905	.3	117 564	1.1	432	1.4	43 417	.8
Warren	26 750	6.1	1 525	1.6	26 752	2.3	57	4.5	1 721	1.9
Washington	62 644	2.4	81 263	.4	109 078	1.1	745	.9	67 196	1.0
Wayne	61 467	3.3	90 096	.3	98 037	1.1	920	1.1	75 011	1.1
Westchester	39 483	4.9	7 122	.9	73 427	1.5	96	2.7	6 256	1.2
Wyoming	79 472	2.3	105 028	.2	142 701	.9	735	1.2	87 165	.6
Yates	41 986	5.2	32 588	1.0	54 133	1.5	603	1.2	25 365	2.7

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)
New York	11 354	1.8	113 243	1.4	19 712	1.3	458 038	.5	18 246	1.3	64 073	.6
Albany	91	17.3	1 645	8.5	173	12.7	1 875	9.3	204	8.7	338	3.6
Allegany	318	8.8	2 013	7.3	501	4.8	8 600	2.2	422	6.5	479	4.1
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	148	17.7	2 708	5.7	296	9.8	4 971	3.2	214	11.7	348	17.6
Cattaraugus	426	8.4	2 879	4.9	674	5.0	12 084	2.0	538	6.2	1 041	4.3
Cayuga	374	9.0	6 147	5.5	549	6.6	16 353	1.8	645	4.4	3 009	3.9
Chautauqua	440	8.3	2 720	6.0	751	5.6	15 661	3.6	697	6.3	1 213	5.0
Chemung	110	17.0	980	19.3	183	9.8	2 310	9.2	127	12.5	344	4.0
Chenango	234	10.9	1 993	9.5	568	4.6	14 352	2.2	419	6.2	760	4.8

See footnotes at end of table.

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

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

Geographic area	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)
Clinton	174	13.1	1 477	9.2	380	5.3	12 492	3.9	287	8.0	765	3.9
Columbia	121	13.8	2 610	2.9	231	9.1	6 905	.8	288	8.7	896	5.6
Cortland	191	10.8	1 557	3.4	372	4.6	11 313	1.5	277	6.8	692	2.2
Delaware	267	11.1	1 743	15.8	527	5.1	13 342	2.4	319	7.6	576	4.0
Dutchess	185	12.9	1 833	4.4	337	6.8	3 313	3.5	276	8.4	659	2.7
Erie	271	9.6	2 618	4.6	579	5.3	12 226	1.9	603	4.7	2 416	1.5
Essex	33	28.6	308	19.4	107	13.6	1 806	10.6	102	13.8	207	17.6
Franklin	188	12.1	1 880	9.1	356	5.1	10 470	2.9	278	8.1	599	2.7
Fulton	60	11.8	384	8.1	128	4.9	2 239	3.1	90	7.6	123	5.1
Genesee	192	12.1	3 220	4.8	302	7.3	9 795	1.9	383	5.6	2 503	1.5
Greene	81	17.4	361	21.7	135	5.5	1 677	8.8	88	13.8	235	2.4
Hamilton	—	—	—	—	—	—	—	—	1	—	(D)	(D)
Herkimer	311	9.3	3 005	11.0	455	6.6	11 345	4.4	412	5.6	674	5.1
Jefferson	362	7.2	3 199	4.4	639	4.0	18 051	1.2	462	5.5	1 074	3.0
Kings	—	—	—	—	—	—	—	—	3	—	5	—
Lewis	334	6.8	2 834	6.6	532	2.9	16 577	2.5	419	5.6	677	4.5
Livingston	252	11.0	3 584	6.9	395	7.9	10 105	1.6	392	7.0	2 189	3.7
Madison	309	7.5	2 639	7.0	543	4.4	14 621	2.5	499	4.1	1 461	2.1
Monroe	125	17.3	975	10.3	235	10.8	2 484	5.2	273	7.0	1 845	2.1
Montgomery	210	10.3	1 850	7.2	378	5.9	10 313	2.9	318	5.5	851	5.7
Nassau	3	13.0	(D)	(D)	9	8.0	65	3.7	18	6.8	39	3.6
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	192	13.3	1 998	2.9	339	8.6	3 593	4.8	391	6.8	1 488	3.2
Oneida	432	9.6	3 445	12.3	726	4.8	13 170	4.4	659	5.1	1 892	4.6
Onondaga	184	13.0	2 970	3.8	342	8.9	11 539	2.0	447	5.6	1 492	3.6
Ontario	229	10.6	3 469	6.5	373	6.7	6 601	3.4	446	4.9	2 478	1.8
Orange	170	12.9	2 508	6.6	311	7.0	7 121	5.3	413	5.5	2 528	3.0
Orleans	133	17.5	1 087	13.3	165	12.3	2 041	6.6	326	5.7	2 491	2.7
Oswego	265	12.5	1 136	11.7	396	7.1	3 745	6.5	340	6.6	974	6.0
Otsego	340	9.5	3 010	18.0	609	5.2	13 093	2.9	505	6.4	843	3.7
Putnam	10	10.2	(D)	(D)	22	7.1	45	8.7	7	8.9	18	2.8
Queens	—	—	—	—	—	—	—	—	2	—	(D)	(D)
Rensselaer	147	14.1	809	11.8	243	8.3	3 252	1.1	206	8.3	857	2.1
Richmond	—	—	—	—	—	—	—	—	1	—	(D)	(D)
Rockland	1	—	(D)	(D)	4	9.4	5	19.4	17	5.1	74	1.0
St. Lawrence	663	6.5	4 642	9.0	1 073	3.3	24 491	1.8	717	5.3	1 223	3.8
Saratoga	123	16.6	2 063	5.8	228	10.5	4 147	4.3	248	8.5	504	3.2
Schenectady	30	18.4	152	28.5	65	9.8	565	8.9	49	9.3	263	2.1
Schoharie	176	11.7	909	17.9	363	6.2	6 610	1.6	264	9.7	483	3.3
Schuyler	56	24.7	433	5.4	143	12.8	2 624	6.4	154	14.0	210	4.4
Seneca	127	15.2	1 899	12.1	207	9.1	4 035	4.6	305	5.5	1 092	3.7
Steuben	517	7.7	3 454	5.7	889	4.1	17 040	2.9	722	5.3	2 505	2.3
Suffolk	39	28.3	1 805	.1	51	26.3	4 883	.1	364	5.3	7 756	1.1
Sullivan	138	16.0	1 966	24.7	206	9.7	7 248	4.5	85	18.0	115	9.8
Tioga	244	11.1	2 385	20.7	406	5.7	7 326	4.6	237	9.4	473	4.8
Tompkins	139	14.8	2 590	4.0	275	7.6	6 480	1.5	273	7.2	602	4.5
Ulster	120	16.8	679	16.3	171	13.2	6 420	1.8	146	14.5	599	3.6
Warren	14	9.1	44	10.3	33	5.8	170	4.7	22	6.2	(D)	(D)
Washington	284	7.7	3 135	3.5	536	4.1	18 019	1.9	441	3.9	1 228	3.2
Wayne	231	12.2	2 836	10.2	393	8.0	8 711	2.1	509	6.1	2 308	3.1
Westchester	16	14.0	365	2.8	34	7.8	218	3.5	34	7.3	171	2.8
Wyoming	362	7.4	4 564	2.1	541	4.8	25 566	.9	531	5.1	2 220	1.2
Yates	162	12.5	1 625	9.1	233	9.3	3 936	6.5	351	6.9	947	7.0

Geographic area	Farm production expenses ¹ —Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
New York	20 843	1.2	94 324	.7	16 774	1.3	67 322	.8	31 103	1.0	100 002	.6
Albany	245	8.3	500	11.1	150	11.2	359	18.5	384	2.0	711	3.6
Allegany	404	6.9	818	4.0	304	7.8	358	2.6	636	2.9	1 257	4.0
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	242	9.9	497	6.4	164	13.9	220	9.1	508	1.9	836	3.8
Cattaraugus	599	5.8	1 358	6.1	424	7.7	546	5.4	901	2.2	1 816	3.4
Cayuga	652	4.7	4 909	3.4	546	5.3	2 822	3.7	865	1.4	3 707	3.1
Chautauqua	1 260	2.9	2 799	3.9	1 243	3.1	2 641	6.7	1 644	1.1	3 028	3.5
Chemung	147	11.3	384	6.6	95	12.3	137	2.0	277	2.8	519	6.2
Chenango	482	5.3	1 421	4.3	322	6.7	581	5.4	789	1.4	1 854	3.0
Clinton	312	7.6	1 907	2.7	247	9.5	1 225	2.8	473	1.8	1 836	3.9
Columbia	319	6.2	1 695	3.4	266	8.9	1 583	5.5	462	2.5	2 053	2.1
Cortland	292	6.9	1 148	1.9	217	8.3	520	3.3	460	2.4	1 569	2.6
Delaware	362	7.1	1 014	8.2	267	8.1	382	6.6	689	2.1	1 694	3.7
Dutchess	340	6.6	1 131	2.5	245	9.3	815	2.8	531	1.8	1 518	2.3

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	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)
Erie	659	4.4	2 082	2.8	520	5.6	1 159	3.1	967	1.5	3 377	1.8
Essex	103	12.2	318	9.8	73	15.5	220	7.7	191	3.1	511	6.5
Franklin	358	6.8	1 375	2.7	250	8.9	736	1.7	498	2.7	1 407	4.3
Fulton	101	7.7	278	4.9	76	8.4	130	7.8	179	2.5	379	4.7
Genesee	394	5.4	4 106	2.6	355	6.8	2 520	3.4	544	.9	2 919	1.8
Greene	92	16.4	187	7.1	75	16.1	150	6.6	204	5.2	352	5.0
Hamilton	1	—	(D)	(D)	1	—	(D)	(D)	1	—	(D)	(D)
Herkimer	407	6.7	1 129	6.3	284	9.7	456	4.3	632	1.3	1 717	3.0
Jefferson	429	6.0	1 664	2.8	336	6.9	1 015	2.9	864	1.8	2 619	2.8
Kings	2	—	(D)	(D)	2	—	(D)	(D)	3	—	15	—
Lewis	424	6.3	1 367	5.9	329	7.3	597	6.7	612	1.2	1 816	4.6
Livingston	438	7.0	3 524	2.6	356	8.4	2 127	3.7	604	2.8	2 737	2.2
Madison	500	2.9	2 179	2.4	452	4.9	1 306	2.6	671	1.9	2 397	2.8
Monroe	350	6.0	2 664	2.3	285	7.0	2 027	1.8	485	2.7	2 221	1.6
Montgomery	348	6.4	1 516	4.2	242	7.9	596	4.2	517	2.3	1 940	4.5
Nassau	27	5.5	49	6.5	30	5.2	50	10.4	59	4.1	94	5.1
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	550	4.9	2 431	2.0	466	5.4	2 903	5.5	714	2.2	1 958	2.8
Oneida	662	5.8	2 878	6.1	544	7.2	1 379	5.0	1 016	1.8	3 090	2.9
Onondaga	476	5.6	2 486	2.9	367	8.0	1 618	3.0	612	2.2	2 306	2.8
Ontario	493	4.5	3 762	2.5	462	5.1	2 236	3.0	699	1.8	2 750	2.0
Orange	425	5.1	1 921	4.5	357	6.7	2 963	4.3	606	2.1	2 744	2.8
Orleans	355	5.4	3 764	3.7	351	5.6	4 842	1.4	456	1.6	2 283	2.1
Oswego	424	5.3	1 368	6.5	317	7.1	1 319	6.5	627	2.0	1 528	4.0
Otsego	513	5.8	1 965	13.5	356	5.8	583	2.6	842	1.8	1 898	5.0
Putnam	12	7.7	13	8.6	15	7.0	34	10.4	39	5.0	72	3.9
Queens	2	—	(D)	(D)	2	—	(D)	(D)	2	—	(D)	(D)
Rensselaer	263	8.0	955	3.2	191	11.2	453	12.6	443	1.5	1 153	2.2
Richmond	1	—	(D)	(D)	2	—	(D)	(D)	2	—	(D)	(D)
Rockland	21	4.6	38	2.3	18	4.9	69	1.0	24	4.4	66	3.6
St. Lawrence	805	5.2	2 222	2.8	489	6.7	793	2.5	1 305	1.9	3 079	2.5
Saratoga	272	8.1	736	4.5	191	11.8	553	5.5	413	3.4	1 041	3.9
Schenectady	58	10.2	281	4.0	41	12.0	56	6.7	147	3.0	207	4.9
Schoharie	256	10.2	789	3.3	170	12.1	366	2.3	493	2.9	1 161	3.6
Schuyler	188	9.6	392	4.4	165	10.8	262	6.8	305	2.4	539	6.1
Seneca	306	5.3	2 371	6.5	288	5.3	1 151	6.7	385	1.2	1 647	4.0
Steuben	798	4.2	3 404	3.0	559	5.9	2 376	5.5	1 211	1.4	3 431	2.9
Suffolk	492	3.3	4 077	2.2	456	3.9	2 980	2.0	545	2.8	5 134	.8
Sullivan	144	15.9	400	10.8	99	18.3	144	9.1	292	3.7	838	9.6
Tioga	279	8.6	837	4.2	206	9.6	340	3.5	448	4.7	1 160	3.9
Tompkins	283	6.6	926	5.6	250	8.5	517	2.6	424	2.1	1 315	3.6
Ulster	207	10.7	1 061	2.7	188	11.1	2 903	2.2	396	3.7	1 892	2.1
Warren	24	6.0	21	3.9	19	6.5	7	4.9	53	4.5	124	2.8
Washington	473	5.1	4 038	2.5	388	6.8	1 246	3.2	701	2.6	2 925	1.8
Wayne	662	4.5	3 777	2.2	679	4.3	6 654	2.7	890	1.6	3 550	2.4
Westchester	40	5.6	103	2.2	42	5.1	75	1.9	92	2.9	301	2.8
Wyoming	575	4.3	3 572	1.4	499	4.9	2 055	1.3	670	3.2	3 597	1.7
Yates	495	4.1	1 716	6.8	441	3.6	1 165	6.7	601	1.2	1 302	6.7

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)
New York	25 665	1.1	71 925	.7	12 903	1.5	336 461	.3	2 460	3.8	18 485	1.8
Albany	262	7.4	452	3.8	102	14.8	1 971	3.1	32	31.6	193	8.4
Allegany	553	4.1	942	5.2	267	10.0	1 991	3.9	15	33.4	165	1.1
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	365	5.5	765	4.2	79	17.6	1 997	.5	14	58.9	13	26.2
Cattaraugus	755	4.1	1 561	3.1	399	8.5	5 732	2.6	54	21.1	401	3.1
Cayuga	724	3.6	2 356	3.1	357	8.9	10 502	2.5	59	24.2	827	1.2
Chautauqua	1 198	3.5	2 202	4.7	786	5.6	9 517	2.8	390	10.2	1 415	12.2
Chemung	210	8.3	429	7.7	87	17.4	1 311	4.1	13	46.9	15	33.5
Chenango	627	4.0	1 692	3.7	279	8.6	3 100	2.2	43	17.9	197	41.0
Clinton	420	4.7	1 915	3.0	233	9.9	8 694	1.7	23	—	484	—
Columbia	363	4.6	1 501	3.1	248	7.5	10 774	1.3	56	19.6	1 040	12.3
Cortland	436	3.6	1 425	2.0	186	9.5	3 918	.6	38	36.2	58	27.7
Delaware	553	4.5	1 719	2.1	288	7.7	4 518	1.6	48	25.2	266	18.3
Dutchess	398	5.9	939	5.7	283	8.1	6 290	1.1	60	24.7	434	4.3
Erie	766	3.7	1 805	2.2	362	8.1	12 156	1.0	68	21.1	527	11.7
Essex	132	9.9	275	9.4	91	13.8	1 373	5.1	23	28.0	131	5.4
Franklin	430	4.9	1 566	2.5	317	7.1	4 431	4.4	39	30.3	(D)	(D)
Fulton	157	4.0	334	4.1	71	10.7	792	5.8	16	23.6	71	13.8
Genesee	476	3.4	1 643	1.9	173	10.0	10 586	1.7	38	34.3	343	3.3

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Greene	147	10.9	356	6.6	85	18.9	1 053	8.3	12	53.4	11	34.4
Hamilton	—	—	—	—	—	—	—	—	—	—	—	—
Herkimer	565	3.8	1 659	3.7	276	9.7	3 314	4.5	55	29.2	232	22.1
Jefferson	778	3.1	2 554	2.3	336	6.6	6 437	3.9	32	23.5	87	8.7
Kings	3	—	(D)	(D)	1	—	(D)	(D)	—	—	—	—
Lewis	573	2.5	2 215	4.1	270	7.1	3 250	3.7	32	28.7	72	11.5
Livingston	498	5.4	1 350	4.4	253	9.7	7 940	1.8	39	32.4	367	6.1
Madison	579	3.5	2 395	1.8	316	7.8	5 272	2.0	37	22.1	79	6.4
Monroe	402	5.5	1 013	4.2	239	9.4	8 220	1.1	39	25.1	184	11.5
Montgomery	450	3.9	1 467	3.0	233	8.7	3 954	2.6	26	18.5	117	6.2
Nassau	45	4.5	49	5.7	29	4.9	471	3.2	3	24.1	(D)	(D)
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	570	5.0	1 075	4.3	237	11.0	7 954	3.0	88	23.8	298	7.5
Oneida	911	3.4	2 367	3.2	400	9.8	6 283	1.9	50	17.8	155	7.3
Onondaga	545	4.2	1 790	2.9	210	9.1	7 614	.5	39	30.6	183	25.6
Ontario	541	4.6	1 323	2.7	279	8.4	6 886	1.1	67	23.6	320	5.3
Orange	531	3.6	1 863	4.3	356	6.5	13 494	2.0	41	22.1	969	1.7
Orleans	365	4.7	978	2.6	240	8.2	12 383	.8	33	29.6	163	9.0
Oswego	498	6.0	1 013	8.3	217	12.9	4 633	6.6	43	37.2	379	31.5
Otsego	689	4.8	1 887	3.6	345	8.8	3 965	3.7	61	30.4	160	3.4
Putnam	32	5.4	69	3.1	20	6.1	369	.4	7	12.2	9	16.6
Queens	1	—	(D)	(D)	1	—	(D)	(D)	—	—	—	—
Rensselaer	297	6.8	944	3.9	137	13.3	3 302	1.2	22	29.7	69	3.0
Richmond	1	—	(D)	(D)	2	—	(D)	(D)	—	—	—	—
Rockland	18	4.9	43	2.9	9	6.0	397	1.4	2	—	(D)	(D)
St. Lawrence	1 172	2.7	3 042	2.4	532	6.8	6 390	2.0	47	21.3	176	4.6
Saratoga	317	7.5	637	4.5	146	14.5	2 786	3.0	49	29.3	69	27.0
Schenectady	106	6.4	113	5.5	42	12.3	(D)	(D)	4	43.0	13	18.1
Schoharie	418	4.2	978	3.0	165	12.1	2 478	1.4	20	34.0	27	14.8
Schuyler	245	6.1	421	9.0	90	17.8	1 371	1.7	25	39.4	68	47.0
Seneca	291	5.7	765	6.0	132	12.0	2 503	2.0	17	39.8	92	36.8
Steuben	1 011	3.1	2 102	2.9	478	7.4	9 454	1.9	85	24.1	271	10.7
Suffolk	493	3.4	2 111	.9	352	4.0	34 380	.4	64	2.2	1 258	.4
Sullivan	227	9.1	683	7.4	113	17.3	1 685	6.8	18	55.0	49	79.1
Tioga	406	5.8	990	4.1	198	8.7	2 882	2.7	28	33.6	24	2.0
Tompkins	293	6.7	942	2.7	148	11.9	7 327	.3	14	2.4	45	.2
Ulster	329	6.2	1 547	1.1	141	11.0	10 741	.3	55	23.3	2 306	2.1
Warren	33	5.7	50	3.7	14	7.9	604	.7	7	12.6	9	9.4
Washington	629	3.7	2 465	5.5	302	7.1	10 118	1.4	51	18.0	237	9.0
Wayne	744	4.1	1 741	3.2	407	7.9	16 168	1.2	111	18.7	1 901	6.7
Westchester	64	4.8	156	2.5	44	5.5	2 294	1.6	12	9.2	42	1.0
Wyoming	645	3.6	2 607	1.2	298	6.5	11 255	1.5	33	24.8	133	8.2
Yates	378	6.8	632	4.1	202	7.6	3 309	4.4	63	27.6	281	14.1

Geographic area	Farm production expenses ¹ —Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
New York	28 561	1.1	164 993	.7	9 041	1.9	23 951	1.8	14 134	1.5	125 135	.9
Albany	322	5.6	1 100	6.8	73	20.7	103	19.4	111	14.5	935	14.1
Allegany	583	4.0	1 902	3.7	139	13.5	188	7.2	299	8.4	1 611	5.7
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	434	5.1	1 396	5.3	59	17.3	76	7.2	180	14.7	1 087	5.1
Cattaraugus	813	3.7	3 408	2.9	259	12.0	460	9.1	435	8.1	2 860	3.8
Cayuga	790	2.4	6 177	2.3	335	10.1	1 215	8.2	542	6.2	5 430	3.7
Chautauqua	1 445	2.3	6 285	2.9	656	6.5	1 819	12.6	668	6.1	4 087	5.1
Chemung	236	6.2	810	9.6	57	25.4	69	7.7	94	19.2	473	10.5
Chenango	708	3.2	3 275	3.7	184	10.4	374	13.6	392	6.4	3 183	4.7
Clinton	444	2.7	3 237	6.8	156	11.7	469	10.5	194	10.1	2 339	5.6
Columbia	424	3.8	3 137	4.5	103	12.8	665	19.1	158	10.6	2 093	3.5
Cortland	418	3.8	2 922	3.5	158	13.4	476	4.6	275	8.6	2 118	4.0
Delaware	618	3.6	2 986	2.2	126	14.8	239	22.3	353	7.4	2 725	4.0
Dutchess	499	2.6	2 509	5.5	161	12.0	307	6.2	138	8.5	1 999	4.4
Erie	870	2.7	4 169	2.6	271	9.1	417	5.0	352	8.2	2 195	3.6
Essex	173	5.1	665	7.3	36	24.4	72	1.8	72	16.8	380	13.1
Franklin	455	4.3	2 664	4.4	174	14.2	(D)	(D)	265	9.1	2 504	10.2
Fulton	156	3.9	724	4.0	37	15.0	30	19.6	63	11.0	362	4.4
Genesee	489	3.5	4 515	2.0	215	9.6	1 364	1.7	250	8.5	3 761	2.3
Greene	197	5.4	615	7.2	36	28.4	110	42.5	22	—	131	—
Hamilton	1	—	(D)	(D)	—	—	—	—	—	—	—	—
Herkimer	572	3.6	3 100	3.7	145	15.0	410	44.6	336	9.1	2 487	7.2
Jefferson	782	3.2	4 946	2.8	290	9.7	612	11.7	465	5.0	4 829	4.1
Kings	1	—	(D)	(D)	1	—	(D)	(D)	1	—	(D)	(D)

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest expense			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Lewis	569	2.7	4 386	4.5	212	10.9	398	6.4	387	5.2	3 415	4.0
Livingston	564	4.0	4 272	2.7	189	12.7	567	4.7	282	9.3	3 742	3.4
Madison	625	2.4	4 580	3.6	223	9.9	415	9.0	373	6.3	3 380	2.8
Monroe	452	4.2	3 059	2.9	121	15.2	407	4.6	167	12.7	1 398	2.8
Montgomery	489	3.3	3 217	4.0	128	9.1	601	3.2	311	6.7	2 931	5.8
Nassau	52	4.3	133	6.4	4	9.7	2	6.5	3	13.0	(D)	(D)
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	665	3.6	3 061	4.4	204	11.5	477	7.5	275	7.9	2 233	4.5
Oneida	993	2.2	5 416	4.9	272	11.8	574	5.8	526	6.4	3 482	6.9
Onondaga	576	3.4	3 853	2.9	242	10.0	394	6.8	242	9.7	2 527	3.2
Ontario	635	3.0	3 928	2.7	227	10.1	836	6.5	300	8.0	3 431	4.2
Orange	572	3.2	3 961	4.4	141	12.8	444	8.1	234	9.0	3 088	3.4
Orleans	398	4.5	3 764	2.1	144	11.3	1 170	4.2	239	9.4	2 205	4.2
Oswego	601	2.9	2 282	5.2	175	14.9	394	11.3	210	12.6	1 658	15.1
Otsego	771	3.3	3 789	4.2	210	11.7	431	17.3	414	8.2	3 058	6.9
Putnam	38	5.1	106	6.1	2	23.3	(D)	(D)	11	8.0	46	7.9
Queens	2	—	(D)	(D)	—	—	—	—	—	—	—	—
Rensselaer	373	5.7	1 413	4.6	71	19.5	135	4.9	112	12.7	1 066	5.2
Richmond	2	—	(D)	(D)	—	—	—	—	—	—	—	—
Rockland	21	4.9	81	1.9	1	—	(D)	(D)	8	8.2	16	11.0
St. Lawrence	1 226	2.6	6 802	3.2	402	9.0	717	10.2	661	5.9	4 793	4.2
Saratoga	400	3.7	1 692	3.5	93	17.9	344	9.1	114	13.4	1 125	4.8
Schenectady	126	4.4	772	4.4	18	23.4	(D)	(D)	31	16.3	266	15.0
Schoharie	464	3.7	2 428	8.6	105	17.8	241	19.6	230	9.4	1 571	6.9
Schuyler	306	1.3	916	4.5	93	19.9	133	23.9	99	15.4	530	8.2
Seneca	357	3.4	2 061	2.5	127	14.4	239	13.6	178	9.3	2 308	9.7
Steuben	1 104	2.6	4 793	2.7	423	8.4	550	7.5	596	6.3	3 806	4.9
Suffolk	514	3.2	4 810	1.0	81	14.2	459	3.1	211	7.9	2 599	2.4
Sullivan	234	8.7	1 354	10.7	33	29.3	122	4.1	84	18.8	828	23.1
Tioga	470	3.9	2 203	5.0	128	16.7	188	7.7	206	12.0	1 487	6.1
Tompkins	366	5.1	2 277	4.1	126	14.0	324	7.7	216	9.9	1 870	4.4
Ulster	365	4.7	3 248	5.2	57	22.7	214	5.9	118	13.6	2 080	4.9
Warren	45	4.7	114	6.5	4	18.3	(D)	(D)	25	6.2	89	5.4
Washington	686	2.9	4 755	1.4	177	10.7	578	6.8	365	7.1	4 217	5.6
Wayne	805	3.2	5 307	2.3	356	8.7	1 253	6.5	444	6.9	3 749	4.7
Westchester	79	3.5	433	2.9	8	4.5	64	1.7	15	5.5	136	1.2
Wyoming	665	3.1	7 098	2.2	281	7.3	619	3.3	480	6.0	6 181	2.5
Yates	521	3.8	2 059	5.3	292	8.3	816	10.1	322	7.8	2 205	6.4

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)
New York	9 825	1.7	48 608	1.0	30 507	1.0	124 566	.9	30 218	1.0	331 044	.5
Albany	87	12.3	303	8.5	363	3.7	1 212	7.8	335	5.2	2 075	4.6
Allegany	215	11.5	476	9.5	641	2.6	1 841	4.0	647	2.6	3 106	2.7
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	80	19.7	221	6.2	506	1.2	1 557	6.7	492	2.6	2 986	3.7
Cattaraugus	259	9.7	893	2.9	876	2.6	2 653	3.0	861	3.0	6 095	4.9
Cayuga	325	8.0	2 147	4.8	822	2.3	3 734	4.8	837	2.0	11 973	2.8
Chautauqua	374	9.3	1 397	5.8	1 613	1.5	5 467	3.4	1 546	1.7	9 697	3.6
Chemung	50	20.1	126	3.6	284	1.6	777	6.2	248	5.6	1 669	4.7
Chenango	249	8.8	630	10.6	752	2.5	3 340	4.2	726	2.6	6 185	2.4
Clinton	137	9.8	693	1.4	481	1.5	1 848	5.8	473	2.1	6 746	4.6
Columbia	112	10.7	571	3.1	435	3.3	2 759	3.9	463	2.4	11 014	1.3
Cortland	171	9.4	844	9.6	442	3.2	2 034	4.9	442	3.2	4 987	1.5
Delaware	203	10.6	701	11.3	668	2.4	2 630	4.5	664	2.9	6 406	2.3
Dutchess	89	18.4	472	5.9	513	2.7	3 707	4.7	537	1.5	4 841	1.6
Erie	300	8.1	1 707	2.8	941	1.7	3 356	3.2	895	2.5	11 380	1.3
Essex	55	19.8	113	22.7	176	5.4	518	14.4	178	4.5	1 080	5.7
Franklin	127	12.3	369	5.7	495	2.7	1 884	5.9	494	2.7	5 696	2.5
Fulton	54	10.5	184	24.1	174	3.2	662	6.2	169	3.3	1 208	3.5
Genesee	290	8.1	3 050	2.5	484	3.4	2 444	4.2	521	2.2	8 879	1.2
Greene	57	20.7	49	6.3	207	3.6	951	10.5	205	5.4	805	7.7
Hamilton	—	—	—	—	1	—	(D)	(D)	1	—	(D)	(D)
Herkimer	236	11.6	530	11.9	631	1.4	2 350	3.9	635	1.3	5 997	4.4
Jefferson	298	7.8	711	6.5	888	1.1	3 087	2.7	849	2.2	9 446	2.1
Kings	1	—	(D)	(D)	2	—	(D)	(D)	3	—	(D)	(D)
Lewis	150	12.6	353	3.0	612	1.2	3 007	5.1	587	2.2	7 034	2.6
Livingston	236	9.7	2 153	3.4	592	2.4	2 762	4.2	601	2.6	6 675	1.9
Madison	322	8.2	1 254	9.9	644	2.7	3 276	3.4	643	2.4	7 844	2.6
Monroe	154	10.2	1 460	3.0	493	1.0	2 494	5.1	463	3.6	4 730	2.3
Montgomery	222	8.2	886	4.7	525	2.1	2 753	4.8	521	2.2	6 067	3.9

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	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)
Nassau	10	8.1	55	1.4	50	4.3	140	6.2	58	4.0	142	2.9
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	190	11.4	892	2.4	712	2.1	2 432	4.3	670	3.4	5 699	3.7
Oneida	375	8.8	1 549	11.3	964	3.1	3 592	4.3	982	2.5	8 674	3.1
Onondaga	225	9.4	1 310	3.3	605	2.5	2 534	4.1	590	3.2	8 283	2.6
Ontario	266	7.9	2 295	3.1	697	1.7	2 916	3.7	689	1.8	5 831	1.9
Orange	248	9.4	1 254	8.5	569	2.9	3 699	6.1	613	2.0	8 081	1.5
Orleans	192	10.2	2 089	2.2	435	2.8	2 074	4.3	431	3.3	5 149	2.1
Oswego	163	14.7	755	7.2	631	2.7	1 843	5.3	599	2.9	4 050	4.7
Otsego	225	11.4	684	18.3	852	1.6	3 170	3.8	813	2.4	8 750	4.4
Putnam	8	9.0	31	3.1	35	5.3	232	6.7	39	4.9	354	1.1
Queens	—	—	—	—	2	—	(D)	—	2	—	(D)	(D)
Rensselaer	91	11.1	418	1.6	394	4.6	1 696	8.0	392	4.3	3 077	1.4
Richmond	—	—	—	—	2	—	(D)	—	2	—	(D)	(D)
Rockland	2	—	(D)	(D)	25	4.1	103	4.2	26	4.3	205	1.2
St. Lawrence	418	8.4	914	11.0	1 317	1.8	3 891	3.6	1 298	1.9	11 653	2.6
Saratoga	112	14.7	451	8.1	416	3.0	1 262	7.2	424	2.8	2 737	3.9
Schenectady	18	21.7	54	32.9	147	3.2	408	5.9	144	3.0	3 943	.6
Schoharie	155	8.6	509	4.3	492	2.4	1 753	6.6	474	3.5	4 328	2.8
Schuyler	58	19.6	186	4.0	301	2.4	1 142	5.4	289	3.8	1 380	5.1
Seneca	151	13.6	1 228	9.5	329	5.6	1 458	6.4	346	4.1	3 290	3.0
Steuben	364	8.5	1 369	3.1	1 223	1.3	4 177	3.7	1 172	1.8	10 155	2.2
Suffolk	183	10.4	2 403	2.1	474	3.7	3 383	3.8	577	1.2	24 944	.3
Sullivan	69	21.2	212	16.4	304	1.4	1 322	11.0	292	3.6	2 446	7.4
Tioga	156	13.0	520	11.5	481	3.0	1 635	4.5	493	2.6	3 207	2.9
Tompkins	140	13.7	552	8.6	410	2.8	1 583	3.4	410	3.5	5 310	1.1
Ulster	105	16.1	495	2.3	403	3.3	2 446	5.1	391	4.2	6 785	1.6
Warren	5	11.1	7	5.7	56	4.6	133	4.4	51	4.6	132	3.8
Washington	284	7.2	1 342	3.0	700	2.0	3 199	4.4	716	2.3	9 693	2.1
Wayne	290	8.7	1 782	4.2	876	1.8	3 524	2.9	849	2.6	11 750	2.0
Westchester	12	11.9	245	.2	83	3.0	586	3.6	90	3.0	1 068	1.5
Wyoming	309	6.8	2 075	5.1	679	2.5	3 425	3.7	705	2.3	12 198	1.4
Yates	148	12.4	632	16.0	582	2.1	1 687	4.3	555	3.3	3 053	5.2
	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)
New York	32 313	1.0	456 371	1.0	30 651	1.0	4 876 169	.6	28 715	1.0	3 534 898	.5
Albany	391	1.4	2 136	19.6	376	1.3	36 388	1.6	356	1.4	25 712	1.6
Allegany	681	1.6	4 291	9.6	647	1.4	89 763	1.2	595	1.4	56 634	1.2
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	516	1.2	3 804	11.9	493	1.1	52 304	1.3	466	1.2	35 428	1.2
Cattaraugus	941	1.3	10 978	6.6	897	1.3	112 940	1.0	831	1.3	74 799	.9
Cayuga	873	1.2	12 006	5.5	820	1.1	190 522	.7	772	1.1	152 169	.7
Chautauqua	1 679	.9	16 721	6.4	1 635	.9	157 732	.8	1 565	1.0	112 219	.7
Chemung	286	1.6	1 067	38.1	268	1.4	32 191	1.5	250	1.5	20 731	1.5
Chenango	796	1.2	11 394	5.9	754	1.1	106 697	.9	704	1.1	76 868	.8
Clinton	487	1.4	11 770	5.8	462	1.2	85 583	1.0	433	1.3	63 472	.8
Columbia	486	1.2	5 696	7.5	458	.9	79 378	.7	416	1.0	60 244	.7
Cortland	478	1.4	7 847	8.3	447	1.1	77 146	.9	429	1.1	56 729	.9
Delaware	717	1.4	9 810	5.7	686	1.3	96 680	1.1	652	1.3	65 298	1.1
Dutchess	553	1.0	1 492	32.2	484	1.3	59 901	1.2	412	1.4	40 775	1.2
Erie	995	.9	9 228	6.8	939	.9	108 509	.8	853	.9	73 247	.7
Essex	196	1.8	722	43.3	180	1.3	28 359	1.9	166	1.4	18 746	2.3
Franklin	512	1.7	10 419	5.1	488	1.6	81 100	1.4	476	1.7	58 827	1.2
Fulton	185	2.1	2 303	6.9	169	1.7	23 393	1.9	155	1.9	16 855	1.7
Genesee	545	.9	8 521	5.2	522	.8	144 536	.4	484	.9	113 549	.3
Greene	223	1.4	736	27.9	208	1.4	24 359	2.3	194	1.5	16 962	2.3
Hamilton	1	—	(D)	(D)	1	—	(D)	—	1	—	(D)	(D)
Herkimer	636	1.3	11 281	5.6	607	1.5	100 858	1.2	579	1.5	70 902	1.1
Jefferson	893	1.1	15 129	4.4	849	1.1	194 181	.8	809	1.1	137 367	.8
Kings	3	—	64	—	3	—	—	—	3	—	—	—
Lewis	617	1.2	15 819	5.7	592	.9	104 259	.8	576	.9	80 635	.7
Livingston	636	1.4	5 944	8.8	593	1.1	161 254	.7	542	1.1	119 405	.6
Madison	699	1.3	14 730	4.5	663	1.0	126 785	.7	631	1.0	96 511	.6
Monroe	512	1.0	4 824	9.2	490	.8	95 781	.6	448	.9	68 878	.5
Montgomery	538	1.6	10 523	5.4	516	1.3	107 059	.8	483	1.3	80 798	.7
Nassau	62	3.9	625	5.9	46	2.7	(D)	(D)	43	2.9	369	12.6
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	748	1.1	6 885	8.2	719	1.0	117 050	.7	670	1.1	77 800	.7
Oneida	1 050	1.6	14 633	7.0	1 003	1.0	153 620	.8	951	1.1	109 725	.7
Onondaga	636	1.0	10 936	7.9	597	1.2	114 647	.8	551	1.2	87 889	.8

See footnotes at end of table.

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

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

Geographic area	Net cash return from agricultural sales for the farm unit (see text) ¹				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Ontario	726	.7	6 870	9.3	696	.9	149 069	.6	639	.9	112 832	.6
Orange	641	1.2	17 049	4.6	604	1.1	69 603	.9	556	1.1	51 383	.8
Orleans	469	.9	4 462	13.1	452	.9	111 294	.5	417	.9	79 250	.4
Oswego	659	1.0	4 261	16.4	613	1.1	67 849	1.0	564	1.1	39 208	1.1
Otsego	868	1.5	10 533	8.2	825	1.0	116 438	.9	790	1.1	83 416	.8
Putnam	42	4.8	(D)	(D)	36	2.8	1 807	5.7	27	3.9	1 276	7.0
Queens	2	—	(D)	(D)	2	—	(D)	(D)	2	—	(D)	(D)
Rensselaer	444	1.5	4 684	7.1	416	1.2	53 876	1.1	387	1.3	41 084	1.0
Richmond	2	—	(D)	(D)	2	—	(D)	(D)	2	—	(D)	(D)
Rockland	27	4.1	352	2.2	25	2.2	600	1.5	24	2.3	(D)	(D)
St. Lawrence	1 368	1.3	19 676	5.3	1 312	1.2	225 149	1.0	1 249	1.2	164 320	1.0
Saratoga	443	1.2	2 878	11.0	410	1.0	45 322	1.1	381	1.0	33 169	1.1
Schenectady	152	2.4	644	16.5	149	1.5	11 207	2.6	137	1.6	7 708	2.6
Schoharie	516	1.6	4 916	7.7	484	1.5	74 732	1.2	452	1.5	56 716	1.2
Schuyler	312	1.3	1 707	14.6	306	1.2	39 908	1.6	292	1.3	26 212	1.5
Seneca	387	1.2	5 927	11.8	375	1.1	97 888	.9	357	1.2	77 405	.9
Steuben	1 253	.8	14 960	10.0	1 216	1.1	224 721	.8	1 172	1.1	154 440	.8
Suffolk	588	1.2	29 868	1.6	550	1.2	31 186	.7	523	1.2	24 276	.6
Sullivan	306	1.4	2 769	20.3	272	1.3	30 551	1.5	241	1.5	20 209	1.8
Tioga	507	1.0	4 776	10.1	478	1.0	67 175	.8	448	1.0	47 678	.8
Tompkins	442	1.0	17 151	2.5	412	.9	62 421	.9	365	1.0	47 146	.9
Ulster	432	1.4	6 630	7.3	399	1.2	39 409	1.0	360	1.3	31 355	.9
Warren	57	4.5	(D)	(D)	43	3.0	1 615	6.3	36	3.8	845	6.5
Washington	745	.9	12 801	4.3	714	1.1	128 752	.7	673	1.2	99 532	.6
Wayne	920	1.1	15 481	5.3	879	1.0	133 560	.7	825	1.1	97 199	.7
Westchester	96	2.7	890	10.0	79	1.9	3 358	5.2	70	2.2	1 897	4.3
Wyoming	735	1.2	17 745	3.6	696	.9	150 557	.6	659	.9	113 091	.5
Yates	603	1.2	6 622	8.1	594	1.2	74 491	1.0	571	1.2	53 202	1.1
Irrigated land				Livestock and poultry								
Geographic area	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Farms		Acres		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
New York	2 020	1.0	46 600	.5	18 134	.9	1 470 610	.5	5 880	1.2	72 971	1.2
Albany	50	3.6	429	5.9	165	2.2	9 536	1.8	108	3.0	1 668	5.3
Allegany	14	8.3	284	13.9	482	1.5	26 720	1.1	190	2.3	2 114	3.1
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	28	5.5	117	4.3	296	1.6	20 043	1.1	147	2.6	1 802	3.5
Cattaraugus	23	7.2	342	6.0	655	1.4	44 443	1.0	192	2.5	2 695	6.3
Cayuga	35	4.7	520	3.7	483	1.3	50 070	.6	165	2.3	2 837	2.4
Chautauqua	58	3.6	1 488	2.2	753	1.1	56 515	.7	213	2.1	2 716	3.7
Chemung	17	5.8	168	1.6	157	2.2	8 990	1.9	70	3.7	760	5.0
Chenango	13	8.4	288	14.8	568	1.3	46 331	.8	163	2.5	1 657	3.6
Clinton	10	6.8	134	.5	342	1.5	34 554	.7	75	3.8	936	3.4
Columbia	47	3.5	1 308	2.7	201	1.5	22 683	.5	85	2.8	1 391	2.5
Cortland	16	7.1	77	10.2	355	1.3	35 839	.7	96	2.9	1 536	7.7
Delaware	18	5.8	202	1.1	506	1.4	39 288	.7	140	2.7	1 865	3.1
Dutchess	58	3.0	643	1.6	208	1.8	13 399	.9	106	2.6	2 066	2.6
Erie	107	2.2	2 292	.9	441	1.3	29 186	.8	162	2.3	1 341	3.1
Essex	9	11.2	141	4.8	101	2.4	6 551	1.6	49	4.2	680	5.9
Franklin	12	8.9	(D)	(D)	389	1.8	32 980	1.1	55	4.7	381	6.8
Fulton	7	13.4	25	14.3	109	2.5	7 884	1.8	35	5.7	467	7.9
Genesee	21	5.8	914	1.0	277	1.3	34 321	.4	95	2.9	943	4.0
Greene	17	6.4	508	.4	117	2.4	5 337	2.2	66	3.7	926	4.4
Hamilton	1	—	(D)	(D)	—	—	—	—	—	—	—	—
Herkimer	20	7.1	304	13.0	455	1.6	39 322	1.1	95	3.5	1 052	6.4
Jefferson	21	7.1	106	8.9	642	1.1	62 774	.6	165	2.4	2 273	4.0
Kings	2	—	(D)	(D)	—	—	—	—	—	—	—	—
Lewis	12	9.7	66	4.6	516	.9	48 448	.6	51	3.9	435	5.4
Livingston	13	8.0	130	1.1	337	1.5	36 275	.6	133	2.7	1 741	3.4
Madison	12	7.6	(D)	(D)	476	1.1	51 676	.5	98	2.9	957	4.0
Monroe	75	2.5	1 379	.4	147	2.0	11 057	.8	60	3.8	668	5.8
Montgomery	15	7.2	603	.5	396	1.3	37 774	.7	84	3.4	1 521	4.7
Nassau	30	4.3	251	2.9	4	13.7	22	13.8	3	18.3	16	18.9
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	61	3.2	442	4.3	269	1.6	16 298	.8	127	2.7	1 291	3.0
Oneida	38	4.9	918	6.3	699	1.3	52 585	.8	148	2.7	1 619	4.5
Onondaga	35	3.7	1 117	.6	306	1.4	34 062	.5	94	3.0	1 128	4.1
Ontario	36	3.9	398	5.9	308	1.3	26 565	.6	130	2.3	1 826	3.3
Orange	74	3.2	1 937	.7	237	1.8	18 969	1.1	54	4.4	1 048	5.6
Orleans	23	3.5	749	.4	171	2.0	11 370	1.1	63	3.8	793	5.1
Oswego	43	4.1	1 163	1.6	370	1.5	17 838	1.3	185	2.4	1 977	3.2
Otsego	22	5.3	144	8.8	612	1.1	46 192	.8	204	2.0	2 514	2.7

See footnotes at end of table.

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

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

Geographic area	Irrigated land				Livestock and poultry							
	Farms		Acres		Cattle and calves inventory				Beef cows inventory			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Farms		Total		Farms		Total	
					Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Putnam	3	13.3	6	26.7	8	10.2	171	12.1	8	10.2	89	10.1
Queens	2	—	(D)	(D)	—	—	—	—	—	—	—	—
Rensselaer	32	4.8	243	4.3	265	1.5	15 732	1.0	140	2.5	1 494	3.8
Richmond	2	—	(D)	(D)	—	—	—	—	—	—	—	—
Rockland	9	4.8	10	4.3	3	—	(D)	(D)	1	—	(D)	(D)
St. Lawrence	22	7.6	110	3.3	1 054	1.3	81 978	.9	272	2.1	3 218	3.9
Saratoga	49	4.2	174	7.2	190	1.8	12 054	1.2	90	3.2	821	5.2
Schenectady	27	5.6	334	1.3	56	3.9	1 592	3.8	37	5.0	275	6.7
Schoharie	30	5.1	658	.8	323	1.7	23 165	1.1	133	2.9	1 621	4.2
Schuyler	9	12.3	29	26.6	156	2.0	8 529	1.5	72	3.3	892	5.2
Seneca	13	7.3	77	11.0	180	1.4	14 245	.6	73	2.8	1 008	3.1
Steuben	46	4.1	3 028	4.4	837	1.2	57 633	.8	325	1.7	3 976	2.1
Suffolk	385	1.2	15 282	.5	8	10.0	208	3.5	3	19.1	(D)	(D)
Sullivan	16	8.0	170	8.0	180	1.8	10 629	1.0	71	3.7	728	5.4
Tioga	31	4.4	382	2.2	330	1.3	23 053	.8	120	2.7	1 544	4.7
Tompkins	26	4.9	83	5.7	238	1.4	20 230	.7	90	2.8	752	4.5
Ulster	65	3.1	2 428	1.5	125	2.7	5 991	1.6	68	3.9	1 325	2.7
Warren	11	7.6	22	6.5	17	7.3	489	6.8	11	9.4	(D)	(D)
Washington	38	4.7	742	5.3	522	1.2	53 613	.6	144	2.5	1 532	3.3
Wayne	48	3.4	635	2.4	299	1.5	19 538	.9	125	2.7	1 459	3.9
Westchester	34	4.4	251	3.7	6	13.8	(D)	(D)	4	18.2	(D)	(D)
Wyoming	15	7.6	752	.6	515	1.0	69 779	.4	117	2.7	1 389	3.1
Yates	14	9.4	74	5.3	272	1.9	15 946	1.5	70	3.6	945	3.8

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)
New York	10 696	.9	721 286	.4	2 094	1.3	90 282	1.1	1 705	1.4	76 682	2.0
Albany	44	4.0	2 205	2.4	28	6.1	282	5.9	48	4.9	1 477	7.8
Allegany	234	2.0	11 420	1.2	69	3.6	6 226	2.3	50	4.8	2 272	8.4
Bronx	—	—	—	—	—	—	—	—	—	—	—	—
Broome	139	2.2	8 708	1.1	33	5.6	495	16.1	22	7.0	529	11.9
Cattaraugus	405	1.8	22 261	1.0	94	3.6	1 108	8.4	47	5.3	1 039	15.4
Cayuga	261	1.4	23 188	.5	55	4.1	3 715	7.0	45	4.9	2 495	5.1
Chautauqua	448	1.2	26 628	.7	93	3.0	2 873	7.6	37	5.0	693	6.6
Chemung	68	3.0	3 445	1.9	25	6.9	1 291	14.3	16	7.7	781	7.6
Chenango	372	1.4	24 184	.8	41	4.9	438	12.9	50	4.5	1 311	7.3
Clinton	242	1.5	18 719	.8	20	8.6	169	13.1	13	10.3	817	19.1
Columbia	108	1.6	10 582	.6	28	5.1	1 161	11.4	41	4.5	1 502	7.4
Cortland	235	1.5	18 196	.7	40	4.7	2 330	1.5	22	6.7	3 147	2.7
Delaware	336	1.3	20 706	.7	44	4.3	673	10.9	33	5.4	900	6.8
Dutchess	81	2.1	4 637	.8	29	5.3	220	10.7	69	3.4	3 085	7.3
Erie	239	1.6	15 675	.8	62	3.6	2 573	4.9	46	4.3	1 452	8.1
Essex	46	3.6	2 427	1.9	20	6.0	235	4.8	11	9.6	177	19.5
Franklin	304	1.9	18 227	1.1	36	5.2	621	16.9	17	9.3	948	14.9
Fulton	72	2.9	4 098	1.9	10	9.3	76	14.6	12	10.7	428	16.4
Genesee	138	1.4	17 334	.3	36	4.6	8 398	1.1	31	5.6	2 915	4.1
Greene	39	3.6	1 799	2.6	12	8.1	83	2.4	25	6.5	688	8.9
Hamilton	—	—	—	—	—	—	—	—	—	—	—	—
Herkimer	341	1.6	21 754	1.0	27	6.8	700	16.2	17	8.7	729	14.7
Jefferson	448	1.2	32 768	.7	41	4.8	505	9.0	42	5.0	1 339	7.2
Kings	—	—	—	—	—	—	—	—	—	—	—	—
Lewis	422	.9	27 851	.6	38	4.9	277	7.3	16	7.9	423	9.9
Livingston	135	1.9	16 457	.4	41	5.1	711	10.4	47	5.1	3 089	7.5
Madison	367	1.1	28 542	.5	32	5.7	339	9.7	27	5.8	1 187	14.5
Monroe	57	2.5	4 648	.7	19	6.7	634	1.9	31	5.0	767	4.2
Montgomery	289	1.5	19 519	.7	28	5.8	661	10.5	24	6.8	1 835	18.6
Nassau	1	—	(D)	(D)	1	—	(D)	(D)	1	—	(D)	(D)
New York	—	—	—	—	—	—	—	—	—	—	—	—
Niagara	90	2.3	6 073	.8	71	3.6	4 342	4.6	26	6.1	1 118	10.3
Oneida	481	1.4	27 885	.8	60	4.0	659	10.4	56	4.0	1 448	7.4
Onondaga	190	1.4	17 554	.5	30	5.3	305	6.2	29	6.1	1 486	16.4
Ontario	129	1.6	11 326	.5	38	4.4	6 089	2.6	24	4.9	2 841	2.3
Orange	145	1.9	10 328	.9	19	7.6	932	10.5	36	5.7	2 086	11.1
Orleans	58	2.8	3 841	1.1	28	5.5	3 109	2.2	14	8.0	1 127	22.6
Oswego	162	2.1	7 327	1.4	83	3.6	1 079	6.1	19	8.0	1 150	20.1
Otsego	418	1.3	23 151	.8	55	4.1	972	15.3	76	3.4	2 593	7.2
Putnam	—	—	—	—	—	—	—	—	7	12.1	137	23.2
Queens	—	—	—	—	—	—	—	—	—	—	—	—
Rensselaer	121	1.9	7 077	.9	37	5.1	1 334	12.5	37	5.2	2 278	2.6
Richmond	—	—	—	—	—	—	—	—	—	—	—	—
Rockland	1	—	(D)	(D)	—	—	—	—	—	—	—	—

See footnotes at end of table.

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

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

Geographic area	Livestock and poultry — Con.											
	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)
St. Lawrence	720	1.4	41 899	.8	139	3.0	1 653	5.2	80	4.0	2 180	7.2
Saratoga	88	2.3	5 812	1.0	40	4.8	256	6.7	28	5.9	499	10.4
Schenectady	11	7.8	514	5.3	10	9.5	54	15.2	8	13.3	122	14.6
Schoharie	185	1.7	10 881	.9	35	5.9	283	12.9	35	5.7	1 983	13.5
Schuyler	63	3.0	3 568	1.6	12	8.0	(D)	(D)	21	7.4	2 802	14.2
Seneca	88	1.5	5 922	.7	32	3.3	5 786	.8	23	5.5	491	9.0
Steuben	449	1.6	24 723	.9	86	3.5	5 048	4.2	55	4.1	1 946	8.5
Suffolk	1	40.0	(D)	(D)	13	8.4	319	9.9	11	10.1	103	12.6
Sullivan	100	2.1	5 190	1.0	16	9.0	117	12.1	26	6.3	1 937	15.2
Tioga	188	1.3	11 433	.7	38	4.2	397	16.2	28	5.3	802	9.7
Tompkins	114	1.8	8 641	.8	37	5.2	840	10.3	33	5.4	2 107	13.5
Ulster	38	4.6	1 377	2.1	27	6.3	2 577	2.0	35	6.0	965	16.9
Warren	2	16.5	(D)	(D)	12	8.7	122	12.4	2	26.9	(D)	(D)
Washington	341	1.1	28 003	.5	39	4.8	260	7.7	48	4.5	2 101	9.7
Wayne	124	1.9	7 747	1.0	51	4.1	7 309	.8	30	5.7	588	9.2
Westchester	1	43.3	(D)	(D)	2	21.7	(D)	(D)	2	21.2	(D)	(D)
Wyoming	350	1.0	37 792	.3	47	4.3	2 531	12.8	35	5.1	2 440	10.7
Yates	167	2.4	7 147	1.7	35	4.6	4 399	3.8	41	5.1	3 194	9.0

Geographic area	Livestock and poultry — Con.							
	Hens and pullets of laying age inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
New York	2 058	1.4	3 779 101	.1	142	2.9	1 042 100	2.6
Albany	34	5.9	1 019	7.4	2	27.0	(D)	(D)
Allegany	53	4.7	1 280	6.7	2	29.4	(D)	(D)
Bronx	—	—	—	—	—	—	—	—
Broome	49	4.7	7 213	17.1	3	18.6	(D)	(D)
Cattaraugus	93	3.6	13 395	.8	3	20.2	110	22.2
Cayuga	51	4.2	(D)	(D)	2	20.1	(D)	(D)
Chautauqua	55	4.3	1 552	5.5	7	12.1	282	16.5
Chemung	17	8.4	(D)	(D)	—	—	—	—
Chenango	66	4.0	2 165	6.3	2	30.3	(D)	(D)
Clinton	11	9.6	(D)	(D)	—	—	—	—
Columbia	29	5.2	(D)	(D)	5	11.8	132	15.0
Cortland	30	5.7	6 279	.6	3	15.7	64	15.9
Delaware	54	3.9	17 412	1.3	5	14.4	510	14.2
Dutchess	44	4.2	9 669	3.0	6	11.2	(D)	(D)
Erie	58	3.9	(D)	(D)	9	10.5	(D)	(D)
Essex	11	9.1	474	11.1	1	33.4	(D)	(D)
Franklin	20	8.0	12 696	23.2	—	—	—	—
Fulton	13	8.5	(D)	(D)	1	38.6	(D)	(D)
Genesee	25	6.2	(D)	(D)	2	16.2	(D)	(D)
Greene	29	5.8	(D)	(D)	2	17.2	(D)	(D)
Hamilton	—	—	—	—	—	—	—	—
Herkimer	33	6.0	3 327	2.6	1	—	(D)	(D)
Jefferson	59	4.1	(D)	(D)	2	28.1	(D)	(D)
Kings	—	—	—	—	—	—	—	—
Lewis	21	7.2	444	5.8	2	26.3	(D)	(D)
Livingston	42	4.8	(D)	(D)	2	23.1	(D)	(D)
Madison	29	5.9	1 136	10.0	4	15.4	955	17.6
Monroe	25	6.2	1 961	13.5	2	23.2	(D)	(D)
Montgomery	33	5.5	982	8.9	1	—	(D)	(D)
Nassau	1	—	(D)	(D)	—	—	—	—
New York	—	—	—	—	—	—	—	—
Niagara	36	5.0	(D)	(D)	15	9.0	1 757	11.7
Oneida	64	3.9	1 824	5.2	1	—	(D)	(D)
Onondaga	29	5.3	182 173	(L)	—	—	—	—
Ontario	39	4.3	(D)	(D)	—	—	—	—
Orange	25	7.0	(D)	(D)	1	44.9	(D)	(D)
Orleans	31	5.8	989	11.0	2	26.1	(D)	(D)
Oswego	55	4.3	1 243	5.8	3	20.4	(D)	(D)
Otsego	59	4.2	(D)	(D)	1	34.9	(D)	(D)
Putnam	9	9.3	270	13.5	1	—	(D)	(D)
Queens	—	—	—	—	—	—	—	—
Rensselaer	42	4.9	6 229	19.3	2	27.4	(D)	(D)
Richmond	—	—	—	—	—	—	—	—
Rockland	2	21.7	(D)	(D)	—	—	—	—
St. Lawrence	105	3.6	2 851	5.5	5	17.0	670	30.2
Saratoga	36	5.1	(D)	(D)	—	—	—	—
Schenectady	4	13.8	(D)	(D)	—	—	—	—
Schoharie	43	5.0	6 297	22.6	1	34.8	(D)	(D)
Schuyler	21	7.0	(D)	(D)	1	31.1	(D)	(D)

See footnotes at end of table.

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

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

Geographic area	Livestock and poultry – Con.												
	Hens and pullets of laying age inventory					Broilers and other meat-type chickens sold							
	Farms		Total			Farms		Total					
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)			
Seneca	31	4.5	(D)	(D)	2	17.0	(D)	(D)					
Steuben	82	3.7	(D)	(D)	5	15.1	8 441	21.2					
Suffolk	23	6.4	4 784	10.5	5	18.8	93 025	17.2					
Sullivan	35	5.3	(D)	(D)	10	7.2	771 438	2.8					
Tioga	40	4.5	(D)	(D)	3	20.9	95	22.5					
Tompkins	31	5.2	(D)	(D)	1	30.5	(D)	(D)					
Ulster	49	4.7	13 545	6.3	4	10.0	65 968	.1					
Warren	5	15.9	127	16.8	–	–	–	–					
Washington	25	5.8	(D)	(D)	–	–	–	–					
Wayne	49	4.5	(D)	(D)	3	19.1	(D)	(D)					
Westchester	7	14.4	148	18.0	1	–	(D)	(D)					
Wyoming	42	4.9	(D)	(D)	3	17.5	375	13.9					
Yates	54	4.4	1 868	6.8	3	19.6	88	20.5					
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)	
New York	5 724	.8	518 839	.4	47 702 382	.3	9 862	.8	544 045	.4	7 299 613	.3	
Albany	26	5.0	1 026	2.9	83 770	3.4	74	3.2	3 662	2.1	43 614	2.3	
Allegany	74	3.2	2 275	2.2	218 384	1.8	228	1.9	8 840	1.0	113 610	1.0	
Bronx	–	–	–	–	–	–	–	–	–	–	–	–	
Broome	35	4.0	1 599	1.6	169 502	1.5	121	2.3	6 207	1.3	84 293	1.4	
Cattaraugus	110	3.1	4 216	2.0	396 449	1.7	375	1.7	15 770	.9	196 570	.9	
Cayuga	422	1.4	57 018	.7	5 180 145	.8	271	1.4	17 846	.6	249 957	.4	
Chautauqua	154	2.0	4 860	2.8	443 587	2.8	393	1.3	16 396	.8	218 058	.7	
Chemung	35	4.4	2 429	2.6	216 500	2.8	68	3.1	2 810	2.4	31 044	1.6	
Chenango	90	2.1	5 309	1.8	572 864	1.5	306	1.4	14 979	.7	199 179	.7	
Clinton	62	2.2	6 072	.4	714 577	.4	208	1.5	13 659	.8	199 553	.7	
Columbia	101	1.9	9 127	1.3	1 110 910	1.1	123	1.6	8 872	.9	134 328	.9	
Cortland	74	2.4	4 230	3.0	395 073	2.6	221	1.5	13 948	.7	179 232	.6	
Delaware	18	3.2	1 061	1.6	90 809	2.0	227	1.1	9 565	.5	139 560	.5	
Dutchess	83	2.3	5 375	1.5	576 625	1.7	85	2.1	4 593	2.3	70 297	2.5	
Erie	126	2.2	7 658	1.0	657 715	1.1	250	1.5	12 414	.7	151 450	.7	
Essex	7	10.9	332	3.3	34 874	3.2	29	3.7	2 178	1.2	21 716	1.0	
Franklin	27	5.0	1 058	2.3	126 613	2.3	192	1.9	8 992	1.2	133 822	1.0	
Fulton	19	4.7	1 335	2.7	127 601	2.1	52	3.2	2 671	1.9	31 783	1.9	
Genesee	227	1.3	26 257	.5	2 195 201	.4	161	1.3	15 437	.4	211 315	.3	
Greene	19	6.6	778	3.2	88 723	1.4	38	3.8	1 226	2.6	15 590	2.6	
Hamilton	–	–	–	–	–	–	–	–	–	–	–	–	
Herkimer	72	2.4	4 833	1.1	462 193	1.0	317	1.6	14 486	1.0	178 209	1.0	
Jefferson	106	1.5	8 377	.6	752 791	.7	349	1.3	22 273	.7	291 424	.6	
Kings	–	–	–	–	–	–	–	–	–	–	–	–	
Lewis	39	2.6	1 948	2.0	170 028	2.0	328	1.0	15 307	.5	208 059	.4	
Livingston	243	1.6	31 207	.8	2 751 669	.7	158	1.8	14 414	.7	200 022	.5	
Madison	186	1.4	14 348	1.1	1 182 128	1.2	362	1.0	24 391	.5	292 764	.4	
Monroe	143	1.8	18 782	.8	1 702 635	.8	60	2.6	3 884	1.1	62 911	.5	
Montgomery	118	1.6	9 320	1.3	902 298	1.2	260	1.3	16 004	.7	198 344	.6	
Nassau	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–	
New York	–	–	–	–	–	–	–	–	–	–	–	–	
Niagara	193	1.8	22 518	.7	1 749 900	.6	101	2.1	4 942	1.4	65 930	1.2	
Oneida	210	1.4	17 469	1.0	1 621 965	.9	434	1.3	19 309	.8	222 785	.8	
Onondaga	234	1.6	23 309	1.0	2 029 807	.9	209	1.5	13 958	.8	192 847	.8	
Ontario	288	1.3	34 860	.8	3 294 871	.8	153	1.7	9 558	.7	133 776	.6	
Orange	55	3.1	4 735	2.1	449 063	2.2	162	1.9	9 591	1.0	136 188	.8	
Orleans	151	1.8	23 075	.7	2 113 055	.7	71	2.4	3 409	1.0	49 581	1.1	
Oswego	70	3.2	4 340	1.7	407 807	1.9	171	2.0	6 343	1.7	70 995	1.5	
Otsego	90	2.0	4 843	1.9	488 838	.9	365	1.3	15 798	.8	213 861	.8	
Putnam	–	–	–	–	–	–	2	20.0	(D)	(D)	(D)	(D)	
Queens	–	–	–	–	–	–	–	–	–	–	–	–	
Rensselaer	111	2.1	8 182	1.2	980 884	1.1	133	1.8	6 385	1.2	99 847	1.2	
Richmond	–	–	–	–	–	–	–	–	–	–	–	–	
Rockland	–	–	–	–	–	–	–	–	–	–	–	–	
St. Lawrence	106	2.7	5 664	.9	574 577	.8	516	1.4	30 317	.8	423 363	.8	
Saratoga	68	2.7	5 571	1.2	591 400	1.1	102	2.2	5 512	1.4	84 534	1.4	
Schenectady	4	19.9	(D)	(D)	(D)	(D)	12	8.4	409	3.5	5 513	3.4	
Schoharie	56	2.7	4 965	1.5	585 371	1.3	160	2.0	7 903	1.6	102 018	1.4	
Schuyler	53	3.5	2 712	2.2	226 761	2.1	78	2.8	3 233	1.5	42 041	1.2	
Seneca	173	1.7	25 350	.8	2 285 886	.7	95	1.8	5 173	.7	61 918	.6	
Steuben	230	1.7	15 887	1.2	1 323 278	1.4	405	1.4	19 549	.8	237 098	.8	
Suffolk	22	3.8	1 237	1.4	157 311	1.3	2	23.3	(D)	(D)	(D)	(D)	
Sullivan	19	4.5	1 036	2.5	94 967	2.9	50	2.1	2 273	2.3	31 455	1.5	
Tioga	77	2.1	4 362	1.0	467 124	.8	187	1.3	8 171	.9	110 250	.9	

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested												
	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)	
Tompkins	137	1.8	12 252	1.1	1 054 247	1.1	118	1.8	6 206	.9	87 947	.7	
Ulster	24	5.2	2 381	1.9	276 343	1.9	38	4.1	2 084	1.9	31 902	1.9	
Warren	—	—	—	—	—	—	3	15.1	143	5.2	(D)	(D)	
Washington	128	1.5	12 416	.8	1 284 011	.7	343	1.2	27 206	.5	413 989	.4	
Wayne	256	1.7	28 490	1.1	2 394 739	1.0	136	1.9	6 773	1.1	80 959	.9	
Westchester	—	—	—	—	—	—	—	—	—	—	—	—	
Wyoming	136	1.4	10 278	1.0	844 381	.8	382	1.0	33 233	.4	466 544	.3	
Yates	216	1.9	12 043	1.6	1 079 325	1.5	178	2.2	5 643	1.9	74 118	1.9	
Selected crops harvested — Con.													
Geographic area	Oats for grain					Irish potatoes							
	Farms		Acres		Quantity			Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)	
	New York	4 059	.9	109 686	.7	6 889 878	.6	587	1.5	28 861	.4	7 023 100	.4
Albany	19	6.9	248	5.7	12 520	7.0	4	15.6	6	14.5	1 629	10.4	
Allegany	147	2.5	3 090	1.6	165 046	1.3	9	9.1	(D)	(D)	(D)	(D)	
Bronx	—	—	—	—	—	—	—	—	—	—	—	—	
Broome	24	6.6	335	3.7	16 503	2.7	3	20.1	6	27.4	540	21.7	
Cattaraugus	171	2.6	2 653	2.1	159 741	2.2	11	10.9	126	3.0	17 660	1.9	
Cayuga	194	1.8	6 529	1.7	435 196	1.8	14	8.3	401	1.3	59 100	2.0	
Chautauqua	109	2.7	1 446	2.4	95 501	2.4	12	8.2	19	8.5	1 749	7.8	
Chemung	40	4.7	789	4.5	42 419	3.7	4	10.6	21	10.1	3 680	11.5	
Chenango	64	3.0	1 641	2.7	96 212	3.6	12	8.7	37	3.9	5 760	4.3	
Clinton	23	4.8	654	1.8	45 375	1.4	10	10.4	144	3.1	31 130	2.1	
Columbia	40	2.5	1 346	.9	73 933	.6	9	9.8	352	2.8	(D)	(D)	
Cortland	45	3.9	1 099	3.9	57 422	4.4	5	13.7	7	5.7	500	4.3	
Delaware	8	8.1	70	7.6	4 126	7.7	3	21.0	4	23.4	700	23.4	
Dutchess	39	3.6	936	3.3	37 197	4.1	10	8.8	13	9.6	2 069	5.0	
Erie	112	2.2	2 823	1.9	200 150	2.0	28	5.4	816	1.3	152 234	1.7	
Essex	4	10.0	165	9.7	7 800	6.2	5	9.6	(D)	(D)	(D)	(D)	
Franklin	54	3.8	1 005	3.1	55 011	2.7	10	6.3	1 121	.1	289 887	.1	
Fulton	20	6.4	305	4.5	14 278	5.7	2	25.0	(D)	(D)	(D)	(D)	
Genesee	123	2.0	2 961	1.7	196 228	1.7	15	7.4	512	4.0	140 961	3.0	
Greene	6	12.2	(D)	(D)	(D)	(D)	1	—	(D)	(D)	(D)	(D)	
Hamilton	—	—	—	—	—	—	—	—	—	—	—	—	
Herkimer	77	3.0	1 788	2.5	119 678	3.0	2	20.8	(D)	(D)	(D)	(D)	
Jefferson	131	1.9	3 621	1.7	204 905	1.9	3	18.5	1	29.6	55	17.6	
Kings	—	—	—	—	—	—	—	—	—	—	—	—	
Lewis	84	2.5	2 123	1.9	114 841	2.0	1	—	(D)	(D)	(D)	(D)	
Livingston	142	2.2	4 700	2.3	337 902	2.8	14	6.3	1 475	1.9	290 932	1.5	
Madison	166	1.6	4 866	1.6	290 252	1.8	7	11.4	(D)	(D)	(D)	(D)	
Monroe	68	2.9	2 393	2.0	157 862	2.1	13	5.8	589	.1	116 129	.2	
Montgomery	69	2.5	1 639	1.8	75 730	1.1	5	11.3	35	10.2	6 906	12.6	
Nassau	—	—	—	—	—	—	—	—	(D)	(D)	(D)	(D)	
New York	—	—	—	—	—	—	1	—	(D)	(D)	(D)	(D)	
Niagara	103	2.6	2 891	2.5	176 873	2.6	23	6.1	188	11.7	26 271	11.7	
Oneida	176	1.9	4 630	1.1	298 632	1.4	16	6.1	547	2.6	168 837	2.1	
Onondaga	176	1.9	6 192	1.5	384 458	1.6	10	9.2	35	5.6	8 982	1.9	
Ontario	144	1.8	4 808	1.7	332 623	1.5	4	12.4	749	5.6	141 578	3.5	
Orange	5	—	115	—	6 520	—	15	8.3	159	5.4	46 105	7.1	
Orleans	58	3.0	2 667	1.8	178 151	1.7	22	5.3	748	.5	114 337	.6	
Oswego	61	3.4	1 149	3.5	43 350	3.1	16	7.0	386	1.0	93 277	.7	
Otsego	100	2.5	1 921	2.8	113 881	3.4	3	11.6	(D)	(D)	(D)	(D)	
Putnam	—	—	—	—	—	—	—	—	—	—	—	—	
Queens	—	—	—	—	—	—	—	—	—	—	—	—	
Rensselaer	27	4.9	571	6.1	25 315	6.8	9	10.1	15	7.9	3 020	7.5	
Richmond	—	—	—	—	—	—	—	—	—	—	—	—	
Rockland	—	—	—	—	—	—	—	—	—	—	—	—	
St. Lawrence	86	3.7	1 533	2.6	98 180	2.7	16	9.3	21	14.7	1 675	16.6	
Saratoga	29	5.2	563	2.9	34 962	2.9	1	38.0	(D)	(D)	(D)	(D)	
Schenectady	7	13.1	96	20.2	4 806	20.2	1	41.4	(D)	(D)	(D)	(D)	
Schoharie	19	5.6	381	4.6	18 293	5.9	3	—	42	—	(D)	(D)	
Schuyler	54	4.1	1 164	4.1	64 135	5.1	3	19.8	7	21.8	2 100	21.8	
Seneca	96	2.2	4 714	1.8	345 451	1.7	4	12.7	(D)	(D)	(D)	(D)	
Steuben	338	1.5	12 638	.9	825 781	.8	49	3.4	5 686	.3	1 436 377	.4	
Suffolk	10	5.8	226	1.5	14 125	.8	79	2.3	7 032	.9	2 067 685	.9	
Sullivan	1	—	(D)	(D)	(D)	(D)	3	17.8	(D)	(D)	(D)	(D)	
Tioga	56	3.3	1 135	2.2	70 829	2.1	9	9.1	11	8.0	2 339	5.3	
Tompkins	88	2.4	2 850	2.1	191 390	2.2	7	9.5	94	.4	11 417	.3	
Ulster	4	13.5	124	3.7	6 680	2.4	10	8.3	54	23.0	19 760	25.2	
Warren	—	—	—	—	—	—	—	—	—	—	—	—	
Washington	24	4.0	453	2.4	22 103	1.8	15	7.6	231	.4	69 670	.3	
Wayne	127	2.4	2 955	2.7	163 673	2.4	39	3.9	3 295	.9	577 305	.5	

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested —Con.											
	Oats for grain						Irish potatoes					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)
Westchester	—	—	—	—	—	—	—	—	—	—	—	—
Wyoming	191	1.6	4 776	1.3	321 004	1.1	11	5.7	2 811	.1	742 080	.1
Yates	100	2.6	1 838	2.2	128 966	2.3	6	5.2	275	.2	63 786	.2
Geographic area	Selected crops harvested —Con.											
	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)						Vegetables harvested for sale (see text)					
	Farms		Acres		Quantity		Farms		Acres			
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Relative standard error of estimate (percent)	
New York	22 376	1.0	2 013 646	.7	4 268 674	.6	2 758	1.1	139 841	.3		
Albany	264	1.7	19 937	2.0	34 456	1.7	58	3.9	652	5.4		
Allegany	559	1.4	44 906	1.3	84 050	1.3	19	6.8	180	9.0		
Bronx	—	—	—	—	—	—	—	—	—	—		
Broome	397	1.3	27 895	1.4	50 802	1.2	33	5.5	376	6.6		
Cattaraugus	744	1.4	52 351	1.1	107 601	1.1	33	6.1	312	9.5		
Cayuga	607	1.3	50 649	1.0	128 244	.9	86	3.1	8 226	1.2		
Chautauqua	897	1.0	72 128	.9	151 953	.8	82	2.9	3 552	.7		
Chemung	217	1.6	15 481	1.7	27 337	1.5	18	6.7	341	4.9		
Chenango	651	1.1	58 828	1.0	121 265	.9	41	5.0	410	3.9		
Clinton	395	1.4	41 808	1.2	84 721	1.1	19	6.9	375	6.5		
Columbia	284	1.3	33 711	1.2	73 428	1.2	50	3.6	1 065	2.7		
Cortland	400	1.2	40 484	1.1	87 944	.9	24	5.6	188	6.7		
Delaware	611	1.3	59 788	1.1	117 086	1.1	32	4.5	314	4.7		
Dutchess	288	1.7	27 576	1.5	62 108	1.5	61	3.2	2 377	1.1		
Erie	604	1.1	42 261	1.0	87 364	1.0	115	2.5	4 669	.8		
Essex	134	1.8	15 444	2.8	24 942	2.4	25	6.1	324	12.5		
Franklin	440	1.7	46 306	1.4	96 516	1.4	21	6.1	1 905	.4		
Fulton	125	2.3	12 620	2.1	28 520	2.3	14	8.6	63	14.7		
Genesee	370	1.1	32 328	.6	88 688	.5	99	2.3	21 389	.4		
Greene	169	1.8	14 450	2.7	26 476	2.9	11	8.9	408	1.3		
Hamilton	—	—	—	—	—	—	—	—	—	—		
Herkimer	535	1.5	55 043	1.3	118 192	1.3	24	6.9	240	4.7		
Jefferson	761	1.1	105 766	.9	192 418	.8	26	6.5	258	6.4		
Kings	—	—	—	—	—	—	—	—	—	—		
Lewis	547	.9	65 192	.8	150 348	.7	15	5.5	112	2.9		
Livingston	442	1.2	40 161	1.0	104 592	.8	66	2.9	6 970	1.4		
Madison	543	1.1	56 898	.7	140 286	.7	43	4.2	1 099	1.9		
Monroe	235	1.5	13 783	1.2	32 090	1.3	114	2.2	8 466	.8		
Montgomery	442	1.3	57 418	1.0	115 085	1.0	19	6.3	388	3.3		
Nassau	3	18.3	(D)	(D)	(D)	(D)	8	9.4	127	8.5		
New York	—	—	—	—	—	—	—	—	—	—		
Niagara	368	1.4	23 809	1.5	53 497	1.6	151	2.3	3 887	1.8		
Oneida	847	1.2	69 520	.9	158 657	.8	55	3.7	2 528	1.2		
Onondaga	410	1.4	39 873	.9	103 229	.8	61	3.5	1 777	2.0		
Ontario	427	1.2	31 479	1.1	76 228	1.0	70	3.2	9 346	1.0		
Orange	307	1.6	27 080	1.3	58 340	1.3	186	2.0	8 984	.7		
Orleans	244	1.5	11 805	1.4	29 044	1.3	101	2.1	15 332	.3		
Oswego	426	1.3	24 578	1.4	49 639	1.5	85	3.1	3 090	1.1		
Otsego	745	1.1	65 592	1.0	135 233	1.0	22	5.9	182	2.4		
Putnam	16	6.5	1 055	8.3	1 347	8.0	2	23.6	(D)	(D)		
Queens	—	—	—	—	—	—	—	—	—	—		
Rensselaer	313	1.4	27 308	1.3	53 185	1.2	60	3.8	1 123	1.8		
Richmond	—	—	—	—	—	—	—	—	—	—		
Rockland	2	—	(D)	(D)	(D)	(D)	14	4.7	402	1.0		
St. Lawrence	1 192	1.2	132 472	1.1	270 314	1.1	47	5.1	251	4.7		
Saratoga	289	1.3	21 116	1.7	45 518	1.8	59	3.8	333	4.6		
Schenectady	99	2.5	6 057	3.3	9 514	3.6	14	8.1	441	9.5		
Schoharie	419	1.5	44 879	1.4	86 385	1.2	19	6.4	696	.9		
Schuyler	223	1.6	16 052	1.9	30 773	1.7	15	7.5	142	8.2		
Seneca	265	1.3	19 311	1.2	43 176	1.1	27	5.1	827	2.1		
Steuben	1 022	1.1	98 344	1.0	185 160	1.0	48	4.3	2 502	.8		
Suffolk	28	5.6	698	6.7	1 524	5.3	172	1.9	6 895	.7		
Sullivan	204	1.6	17 693	2.0	32 499	1.5	17	7.2	(D)	(D)		
Tioga	401	1.1	35 772	.9	65 014	.9	27	5.2	515	2.4		
Tompkins	295	1.2	22 779	1.0	55 874	.9	27	5.3	379	2.9		
Ulster	187	2.1	12 076	2.2	20 059	1.8	57	3.4	3 162	.9		
Warren	17	7.3	662	9.1	697	11.1	7	12.2	59	15.3		
Washington	607	1.2	62 969	.9	136 006	.7	42	4.9	925	4.8		
Wayne	391	1.4	17 059	1.3	38 983	1.2	115	2.4	4 648	1.1		
Westchester	16	6.7	854	9.6	1 142	12.0	16	6.9	263	4.4		
Wyoming	576	1.0	58 421	.6	146 648	.5	49	3.8	3 928	2.8		
Yates	376	1.6	20 984	1.7	44 357	1.4	37	4.4	2 273	1.2		

See footnotes at end of table.

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

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

Geographic area	Selected crops harvested—Con.				
	Land in orchards				
	Farms			Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	
New York -----	2 938	1.1	112 905	.5	
Albany -----	13	9.2	633	3.9	
Allegany -----	13	9.2	66	12.4	
Bronx -----	—	—	—	—	
Broome -----	17	7.5	115	4.3	
Cattaraugus -----	32	6.0	575	5.9	
Cayuga -----	39	4.7	425	4.6	
Chautauqua -----	701	1.4	18 060	1.2	
Chemung -----	13	8.8	138	13.6	
Chenango -----	14	8.7	52	11.6	
Clinton -----	20	3.7	3 927	.6	
Columbia -----	103	2.5	4 754	1.6	
Cortland -----	4	18.9	5	18.9	
Delaware -----	22	7.0	112	12.7	
Dutchess -----	49	3.5	1 941	1.6	
Erie -----	78	3.3	1 877	2.5	
Essex -----	13	6.2	564	3.3	
Franklin -----	4	20.1	5	31.5	
Fulton -----	8	12.8	96	18.5	
Genesee -----	16	8.2	188	9.4	
Greene -----	15	8.4	176	7.9	
Hamilton -----	—	—	—	—	
Herkimer -----	8	14.2	50	17.8	
Jefferson -----	7	14.9	26	18.4	
Kings -----	—	—	—	—	
Lewis -----	2	26.3	(D)	(D)	
Livingston -----	11	9.0	53	11.5	
Madison -----	13	8.9	135	11.1	
Monroe -----	67	3.1	2 627	1.8	
Montgomery -----	12	10.2	67	12.4	
Nassau -----	4	17.5	(D)	(D)	
New York -----	—	—	—	—	
Niagara -----	210	2.0	9 238	.8	
Oneida -----	29	5.7	421	3.8	
Onondaga -----	32	5.3	1 295	1.7	
Ontario -----	82	3.3	1 700	2.0	
Orange -----	37	4.9	2 159	1.4	
Orleans -----	104	2.2	7 521	.9	
Oswego -----	43	4.7	781	4.3	
Otsego -----	14	8.6	66	10.5	
Putnam -----	4	10.4	(D)	(D)	
Queens -----	—	—	—	—	
Rensselaer -----	16	8.2	191	4.7	
Richmond -----	—	—	—	—	
Rockland -----	3	—	51	—	
St. Lawrence -----	29	6.8	140	11.8	
Saratoga -----	32	5.0	793	2.6	
Schenectady -----	7	13.7	50	15.3	
Schoharie -----	15	8.6	187	6.2	
Schuyler -----	57	4.2	1 681	3.2	
Seneca -----	38	4.1	1 089	2.4	
Steuben -----	75	3.7	2 457	2.1	
Suffolk -----	73	3.5	1 721	2.5	
Sullivan -----	17	8.4	76	12.2	
Tioga -----	7	10.9	29	13.7	
Tompkins -----	18	6.9	170	9.1	
Ulster -----	123	2.2	11 540	.7	
Warren -----	1	42.4	(D)	(D)	
Washington -----	25	6.1	426	2.7	
Wayne -----	308	1.6	25 906	.6	
Westchester -----	11	7.8	240	5.3	
Wyoming -----	26	6.2	276	7.6	
Yates -----	204	2.1	5 916	1.6	

¹Data are based on a sample of farms.

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

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

Item	Census published farms		Not on mail list ¹		Percent not on mail list ¹	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
Farms ----- number--	32 306	1.0	5 890	30.6	15.4	4.0
Land in farms ----- acres --	7 458 015	.7	365 717	22.9	4.7	1.1
Average size of farm ----- acres --	230.9	1.2	62.1	31.3	(X)	(X)
Farms by size:						
Less than 10 acres -----	2 129	1.5	1 946	82.5	47.8	20.6
10 to 49 acres -----	5 201	1.4	1 665	31.2	24.2	5.8
Less than 50 acres -----	7 330	1.4	3 611	47.2	33.0	10.5
50 acres or more -----	24 976	.9	2 279	22.6	8.4	1.8
50 to 99 acres -----	4 891	1.3	1 111	35.3	18.5	5.4
100 to 179 acres -----	6 256	1.3	590	41.7	8.6	3.3
180 acres or more -----	13 829	.8	578	40.5	4.0	1.6
Harvested cropland ----- farms --	28 715	1.0	4 988	35.0	14.8	4.5
----- acres--	3 534 898	.5	119 019	22.5	3.3	.7
Farms by value of sales:						
Less than \$1,000 -----	4 056	1.7	1 652	34.7	28.9	7.1
\$1,000 to \$2,499 -----	3 268	1.6	2 504	65.7	43.4	16.1
Less than \$2,500 -----	7 324	1.6	4 156	42.9	36.2	9.9
\$2,500 or more -----	24 982	1.0	1 734	24.7	6.5	1.5
\$2,500 to \$9,999 -----	6 925	1.3	930	32.0	11.8	3.3
\$10,000 or more -----	18 057	1.0	804	34.8	4.3	1.4
Market value of agricultural products sold -----\$1,000 --	2 622 001	.3	44 601	39.0	1.7	.9
Farms by standard industrial classification:						
Crops (01) -----	13 358	1.1	3 364	49.3	20.1	8.0
Livestock (02) -----	18 948	.9	2 527	24.8	11.8	2.5
Farms by type of organization:						
Individual or family -----	27 346	1.0	5 350	32.8	16.4	4.5
Partnership or corporation -----	4 805	.9	540	56.8	10.1	5.1
Other -----	155	2.3	--	(X)	--	(X)
Farms by tenure of operator:						
Full owners -----	18 924	1.1	4 538	38.4	19.3	6.0
Part owners and tenants -----	13 382	.9	1 352	30.7	9.2	2.6
Part owners -----	11 417	.8	974	38.4	7.9	2.8
Tenants -----	1 965	1.9	378	53.6	16.1	7.3
Operators by place of residence:						
On farm operated -----	26 939	1.0	3 338	21.7	11.0	2.2
Not on farm operated -----	3 522	1.4	2 443	66.2	41.0	16.0
Not reported -----	1 845	1.1	109	(H)	5.6	5.3
Operators by principal occupation:						
Farming -----	19 934	.9	1 212	33.1	5.7	1.8
Other -----	12 372	1.3	4 410	39.0	26.3	7.6
Operators by sex:						
Male -----	29 452	1.0	3 420	19.7	10.4	1.9
Female -----	2 854	1.4	2 470	66.3	46.4	16.5
Operators by race:						
White -----	32 185	1.0	5 621	31.7	14.9	4.0
Black and other races -----	121	3.1	--	(X)	--	(X)
Operators by years on present farm:						
4 years or less -----	3 146	1.9	2 739	59.8	46.5	14.9
5 years or more -----	24 661	.9	2 338	25.9	8.7	2.1
Average years on present farm -----	20.9	1.3	7.0	23.7	(X)	(X)
Not reported -----	4 499	1.1	813	38.9	15.3	5.0
Average age of operator -----	52.5	1.4	47.4	29.0	(X)	(X)

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

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