

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
Farmsnumber. .	11.2
Land in farms.....acres. .	7.3
Estimated market value of land and buildings ¹\$1,000. .	4.8
Market value of agricultural products sold ..\$1,000. .	2.6
Harvested croplandacres. .	5.4
Corn for grain or seedacres. .	2.9
Wheat for grainacres. .	3.2
Livestock and poultry inventory:	
Cattle and calvesnumber. .	7.4
Hogs and pigsnumber. .	1.2
Hens and pullets of laying age.....number. .	.7

¹Data are based on a sample of farms.

Sample Estimation

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

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

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

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

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

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

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

CENSUS SAMPLING ERROR

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

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

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

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

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

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

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

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

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

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

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

Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM	
Number of farms reporting:	
25	5.4
50	3.3
75	2.2
100	1.4
150	1.1
200	1.0
3008
5006
7505
1,0004
1,5004
2,0003
SAMPLE COUNT ITEM	
Number of farms reporting:	
25	32.9
50	23.9
75	20.0
100	17.8
150	15.2
200	13.7
300	12.1
500	10.6
750	9.8
1,000	9.3
1,500	8.9
2,000	8.6

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--	42 222	.9	Total farm production expenses -----farms--	42 230	1.1
Land in farms -----acres--	8 297 011	.8	-----\$1,000--	1 699 051	.3
Average size of farm -----acres--	197	1.2	Average per farm -----dollars--	40 233	1.2
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			Livestock and poultry purchased -----farms--		
Total sales (see text) -----farms--	42 222	.9	-----\$1,000--	230 888	.9
-----\$1,000--	2 055 958	.3	Feed for livestock and poultry -----farms--	24 667	1.3
Average per farm -----dollars--	48 694	1.0	-----\$1,000--	461 703	.3
Farms by value of sales:			Commercially mixed formula feeds -----farms--	9 458	1.9
Less than \$1,000 (see text) -----farms--	4 601	.9	-----\$1,000--	378 738	.2
-----\$1,000--	1 313	1.0	Seeds, bulbs, plants, and trees -----farms--	18 804	1.4
\$1,000 to \$2,499 -----farms--	5 945	.9	-----\$1,000--	41 102	.7
-----\$1,000--	10 139	.9	Commercial fertilizer -----farms--	29 001	1.3
\$2,500 to \$4,999 -----farms--	7 161	1.1	-----\$1,000--	108 844	.8
-----\$1,000--	25 847	1.1	Agricultural chemicals -----farms--	24 321	1.3
\$5,000 to \$9,999 -----farms--	7 687	1.2	-----\$1,000--	64 381	.8
-----\$1,000--	54 335	1.2	Petroleum products -----farms--	40 388	1.1
\$10,000 to \$19,999 -----farms--	5 946	1.5	-----\$1,000--	79 225	.7
-----\$1,000--	83 084	1.5	Electricity -----farms--	22 564	1.3
\$20,000 to \$24,999 -----farms--	1 456	1.8	-----\$1,000--	27 032	.5
-----\$1,000--	32 362	1.8	Hired farm labor -----farms--	16 359	1.5
\$25,000 to \$39,999 -----farms--	2 382	1.7	-----\$1,000--	188 671	.4
-----\$1,000--	74 363	1.7	Contract labor -----farms--	3 927	3.2
\$40,000 to \$49,999 -----farms--	884	1.8	-----\$1,000--	17 113	2.0
-----\$1,000--	39 220	1.9	Repair and maintenance -----farms--	34 281	1.2
\$50,000 to \$99,999 -----farms--	1 946	1.4	-----\$1,000--	102 175	.9
-----\$1,000--	138 842	1.4	Customwork, machine hire, and rental of machinery and equipment -----farms--	10 686	1.9
\$100,000 to \$249,999 -----farms--	2 197	—	-----\$1,000--	16 587	1.8
-----\$1,000--	358 069	—	Interest expense -----farms--	13 746	1.6
\$250,000 to \$499,999 -----farms--	1 242	—	-----\$1,000--	85 120	1.1
-----\$1,000--	436 236	—	Secured by real estate -----farms--	9 385	2.0
\$500,000 or more -----farms--	775	—	-----\$1,000--	60 918	1.3
-----\$1,000--	802 149	—	Not secured by real estate -----farms--	7 074	2.2
Sales by commodity or commodity group:			-----\$1,000--	24 203	1.3
Crops, including nursery and greenhouse crops -----farms--	20 417	1.0	Cash rent -----farms--	9 844	1.8
-----\$1,000--	696 489	.4	-----\$1,000--	57 154	.9
Grains -----farms--	6 534	1.1	Property taxes -----farms--	40 146	1.1
-----\$1,000--	194 857	.4	-----\$1,000--	49 989	1.3
Corn for grain -----farms--	3 417	1.0	All other farm production expenses -----farms--	36 948	1.1
-----\$1,000--	66 175	.4	-----\$1,000--	169 068	.5
Wheat -----farms--	3 423	1.1	NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
-----\$1,000--	37 465	.4	All farms -----number--	42 230	1.1
Soybeans -----farms--	3 630	1.1	-----\$1,000--	334 280	1.1
-----\$1,000--	80 757	.4	Average per farm -----dollars--	7 916	1.5
Sorghum for grain -----farms--	189	1.6	Farms with net gains ² -----number--	23 187	1.3
-----\$1,000--	1 183	1.0	-----\$1,000--	447 150	.7
Barley -----farms--	906	1.1	Average net gain -----dollars--	19 284	1.5
-----\$1,000--	8 486	1.1	Farms with net losses -----number--	19 043	1.6
Oats -----farms--	175	2.1	-----\$1,000--	112 869	1.8
-----\$1,000--	340	3.1	Average net loss -----dollars--	5 927	2.4
Other grains -----farms--	187	.9	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
-----\$1,000--	451	.8	Government payments -----farms--	5 494	1.0
Cotton and cottonseed -----farms--	141	1.3	-----\$1,000--	17 879	.6
-----\$1,000--	5 498	.3	Other farm-related income ¹ -----farms--	10 230	2.0
Tobacco -----farms--	8 424	1.2	-----\$1,000--	43 108	3.0
-----\$1,000--	179 243	.8	Customwork and other agricultural services -----farms--	3 050	3.6
Hay, silage, and field seeds -----farms--	6 780	1.0	-----\$1,000--	16 532	6.0
-----\$1,000--	29 275	.9	Gross cash rent or share payments -----farms--	3 997	3.3
Vegetables, sweet corn, and melons -----farms--	1 214	1.1	-----\$1,000--	10 562	5.5
-----\$1,000--	55 236	.3	Forest products and Christmas trees -----farms--	1 573	5.0
Fruits, nuts, and berries -----farms--	975	1.2	-----\$1,000--	9 982	5.0
-----\$1,000--	43 290	.3	Other farm-related income sources -----farms--	3 607	3.1
Nursery and greenhouse crops -----farms--	1 019	.9	-----\$1,000--	6 032	3.8
-----\$1,000--	100 120	.2	COMMODITY CREDIT CORPORATION LOANS		
Other crops -----farms--	1 360	1.1	Total -----farms--	581	1.1
-----\$1,000--	88 970	.3	-----\$1,000--	13 961	.4
Livestock, poultry, and their products -----farms--	29 998	1.0			
-----\$1,000--	1 359 469	.2			
Poultry and poultry products -----farms--	1 771	.6			
-----\$1,000--	572 307	(L)			
Dairy products -----farms--	1 706	.6			
-----\$1,000--	288 061	.1			
Cattle and calves -----farms--	26 917	1.0			
-----\$1,000--	395 315	.7			
Hogs and pigs -----farms--	1 596	1.1			
-----\$1,000--	66 054	.2			
Sheep, lambs, and wool -----farms--	1 735	1.2			
-----\$1,000--	6 126	1.0			
Other livestock and livestock products (see text) -----farms--	2 347	1.0			
-----\$1,000--	31 606	.5			
Value of agricultural products sold directly to individuals for human consumption (see text) -----farms--	1 789	1.1			
-----\$1,000--	7 036	1.1			

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 ..	38 779	1.0	All operators ----- farms ..	42 222	.9
Harvested cropland ----- farms ..	4 311 840	.8	Full owners ----- farms ..	8 297 011	.8
1 to 9 acres ----- farms ..	34 255	1.0	Part owners ----- farms ..	26 492	1.0
10 to 19 acres ----- farms ..	2 449 013	.6	Tenants ----- farms ..	3 427 837	1.0
20 to 29 acres ----- farms ..	8 530	1.0	Tenants ----- farms ..	12 599	1.0
30 to 49 acres ----- farms ..	34 452	1.0	Tenants ----- farms ..	4 315 736	.6
50 to 99 acres ----- farms ..	6 117	1.1	Tenants ----- farms ..	3 131	1.1
100 to 199 acres ----- farms ..	82 402	1.1	Tenants ----- farms ..	553 438	.9
200 to 499 acres ----- farms ..	4 370	1.2	OWNED AND RENTED LAND		
500 to 999 acres ----- farms ..	100 543	1.2	Land owned ----- farms ..	39 147	.9
1,000 acres or more ----- farms ..	5 089	1.3	Owned land in farms ----- farms ..	5 813 302	.9
1,000 acres or more ----- farms ..	187 038	1.3	Owned land in farms ----- farms ..	39 091	.9
1,000 acres or more ----- farms ..	4 796	1.4	Owned land in farms ----- farms ..	5 481 628	.8
1,000 acres or more ----- farms ..	320 483	1.4	Land rented or leased from others ----- farms ..	15 835	1.0
1,000 acres or more ----- farms ..	2 631	1.2	Rented or leased land in farms ----- farms ..	2 858 287	.6
1,000 acres or more ----- farms ..	351 049	1.2	Rented or leased land in farms ----- farms ..	42 718	.8
1,000 acres or more ----- farms ..	1 842	.6	Rented or leased land in farms ----- farms ..	15 730	1.0
1,000 acres or more ----- farms ..	544 749	.6	Rented or leased land in farms ----- farms ..	2 815 383	.6
1,000 acres or more ----- farms ..	621	.2	Land rented or leased to others ----- farms ..	4 893	1.1
1,000 acres or more ----- farms ..	422 309	.1	Land rented or leased to others ----- farms ..	374 578	1.4
1,000 acres or more ----- farms ..	259	—	OPERATOR CHARACTERISTICS		
1,000 acres or more ----- farms ..	405 988	—	Operators by place of residence:		
Cropland:			On farm operated ----- farms ..	30 940	.9
Pasture or grazing only ----- farms ..	23 759	1.0	Not on farm operated ----- farms ..	8 071	1.0
Other cropland ----- farms ..	1 524 399	1.0	Not reported ----- farms ..	3 211	1.1
Other cropland ----- farms ..	9 137	1.0	Operators by principal occupation:		
Other cropland ----- farms ..	338 428	.8	Farming ----- farms ..	19 571	1.0
Total woodland ----- farms ..	27 917	1.0	Other ----- farms ..	22 651	.9
Pastureland and rangeland other than cropland and woodland pastured ----- farms ..	10 171	1.0	Operators by days worked off farm:		
Land in house lots, ponds, roads, wasteland, etc. ----- farms ..	1 100 248	.7	Any ----- farms ..	23 465	.9
Irrigated land ----- farms ..	24 753	.9	200 days or more ----- farms ..	16 795	.9
Irrigated land ----- farms ..	284 482	.9	Operators by sex:		
Irrigated land ----- farms ..	2 312	.9	Male ----- farms ..	37 993	.9
Irrigated land ----- farms ..	61 759	.4	Female ----- farms ..	7 737 603	.8
Irrigated land ----- farms ..	1 318	1.2	Female ----- farms ..	4 229	1.0
Irrigated land ----- farms ..	4 043	1.5	Female ----- farms ..	559 408	1.1
Irrigated land ----- farms ..	685	1.2	Average age of operator ----- years ..	55.6	1.3
Irrigated land ----- farms ..	15 225	1.0	FARMS BY TYPE OF ORGANIZATION		
Irrigated land ----- farms ..	172	.5	Individual or family (sole proprietorship) ----- farms ..	36 866	1.0
Irrigated land ----- farms ..	11 535	.6	Partnership ----- farms ..	6 259 079	.9
Irrigated land ----- farms ..	84	.6	Partnership ----- farms ..	3 786	1.1
Irrigated land ----- farms ..	11 115	.7	Partnership ----- farms ..	1 195 176	.7
Irrigated land ----- farms ..	45	—	Corporation:		
Irrigated land ----- farms ..	13 551	—	Family held ----- farms ..	1 160	.9
Irrigated land ----- farms ..	(D)	(D)	More than 10 stockholders ----- farms ..	690 472	.3
Irrigated land ----- farms ..	2	—	10 or less stockholders ----- farms ..	30	3.2
Irrigated land ----- farms ..	(D)	(D)	Other than family held ----- farms ..	1 130	.9
Irrigated land ----- farms ..	(D)	(D)	More than 10 stockholders ----- farms ..	167	2.0
Harvested cropland irrigated ----- farms ..	2 258	1.0	10 or less stockholders ----- farms ..	67 240	.9
Pasture and other land irrigated ----- farms ..	60 722	.4	More than 10 stockholders ----- farms ..	20	3.8
Pasture and other land irrigated ----- farms ..	97	2.7	10 or less stockholders ----- farms ..	147	2.2
Pasture and other land irrigated ----- farms ..	1 037	2.9	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	243	1.9
Land under federal acreage reduction programs:			Other—cooperative, estate or trust, institutional, etc. ----- farms ..	85 044	1.3
Diverted under annual commodity programs ----- farms ..	1 697	.9	HIRED FARM LABOR		
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	22 582	.3	Hired workers by days worked:		
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	1 617	1.2	150 days or more ----- farms ..	6 652	15.8
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	61 222	1.3	Less than 150 days ----- farms ..	16 046	7.7
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Less than 150 days ----- farms ..	14 899	24.2
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Less than 150 days ----- farms ..	54 251	15.6
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			INJURIES AND DEATHS		
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Farm-related injuries:		
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Operator and family members ----- farms ..	331	1.7
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Hired workers ----- farms ..	385	1.8
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Hired workers ----- farms ..	381	.9
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Hired workers ----- farms ..	684	.5
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Farm-related deaths:		
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Operator and family members ----- farms ..	14	7.4
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Hired workers ----- farms ..	14	7.4
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Hired workers ----- farms ..	2	—
Conservation Reserve or Wetlands Reserve Programs ----- farms ..			Hired workers ----- farms ..	(D)	(D)

See footnotes at end of table.

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

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

Item	Total	Relative standard error of estimate (percent)	Item	Total	Relative standard error of estimate (percent)
FARMS BY SIZE			LIVESTOCK—Con.		
1 to 9 acres ----- farms ..	3 357	.9	Cattle and calves sold ----- farms ..	26 917	1.0
----- acres ..	13 789	1.0	----- number..	855 634	.8
10 to 49 acres ----- farms ..	10 361	.9	----- \$1,000..	395 315	.7
----- acres ..	286 026	1.0	Hogs and pigs inventory ----- farms ..	2 085	1.1
50 to 69 acres ----- farms ..	4 010	1.1	----- number..	412 736	.3
----- acres ..	233 023	1.1	Hogs and pigs sold ----- farms ..	1 596	1.1
70 to 99 acres ----- farms ..	4 454	1.1	----- number..	715 452	.3
----- acres ..	371 727	1.2	----- \$1,000..	66 054	.2
100 to 139 acres ----- farms ..	4 720	1.2	Sheep and lambs of all ages inventory ----- farms ..	1 727	1.1
----- acres ..	549 744	1.2	----- number..	117 714	1.1
140 to 179 acres ----- farms ..	3 109	1.3	Sheep and lambs sold ----- farms ..	1 670	1.2
----- acres ..	490 150	1.3	----- number..	104 278	1.1
180 to 219 acres ----- farms ..	2 296	1.4	Horses and ponies inventory ----- farms ..	7 083	.9
----- acres ..	454 317	1.4	----- number..	43 977	1.0
220 to 259 acres ----- farms ..	1 586	1.5	Horses and ponies sold ----- farms ..	1 622	1.1
----- acres ..	378 158	1.5	----- number..	6 807	1.4
260 to 499 acres ----- farms ..	4 540	1.3	POULTRY		
----- acres ..	1 598 835	1.3	Chickens 3 months old or older inventory ----- farms ..	2 069	1.0
500 to 999 acres ----- farms ..	2 517	.9	----- number..	6 191 513	.3
----- acres ..	1 695 001	.9	Hens and pullets of laying age ----- farms ..	2 022	1.1
1,000 to 1,999 acres ----- farms ..	987	—	----- number..	4 883 025	.3
----- acres ..	1 302 696	—	Broilers and other meat-type chickens sold ----- farms ..	640	.4
2,000 acres or more ----- farms ..	285	—	----- number..	201 697 436	(L)
----- acres ..	923 545	—	CROPS HARVESTED		
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION			Corn for grain or seed ----- farms ..	6 169	1.0
Cash grains (011) ----- farms ..	2 330	1.3	----- acres..	361 326	.4
----- acres ..	928 496	.6	----- bushels..	40 633 506	.3
Field crops, except cash grains (013) ----- farms ..	9 996	1.1	Corn for silage or green chop ----- farms ..	3 258	.8
----- acres ..	1 665 234	.9	----- acres..	154 263	.3
Vegetables and melons (016) ----- farms ..	560	1.5	----- tons, green ..	2 316 540	.3
----- acres ..	73 611	.9	Wheat for grain ----- farms ..	3 670	1.1
Fruits and tree nuts (017) ----- farms ..	790	1.3	----- acres..	241 042	.5
----- acres ..	110 766	.9	Barley for grain ----- farms ..	12 598 036	.4
Horticultural specialties (018) ----- farms ..	810	.9	----- acres..	241 042	.5
----- acres ..	56 375	1.1	Tobacco ----- farms ..	8 444	1.2
General farms, primarily crop (019) ----- farms ..	1 087	1.2	----- acres..	55 419	.9
----- acres ..	251 837	.8	Soybeans for beans ----- farms ..	113 240 049	.8
Livestock, except dairy, poultry, and animal specialties (021) ----- farms ..	21 756	1.0	----- acres..	3 709	1.1
----- acres ..	4 160 793	1.0	----- pounds..	507 878	.5
Dairy farms (024) ----- farms ..	1 469	.5	----- farms ..	15 742 573	.5
----- acres ..	650 011	.2	----- acres..	545	1.5
Poultry and eggs (025) ----- farms ..	1 185	.4	Irish potatoes ----- farms ..	8 499	.4
----- acres ..	156 676	.3	----- farms ..	1 391 343	.4
Animal specialties (027) ----- farms ..	1 913	1.1	----- acres..	139	2.7
----- acres ..	148 626	1.2	Sweetpotatoes ----- farms ..	763	2.2
General farms, primarily livestock and animal specialties (029) ----- farms ..	326	1.9	----- acres..	178 355	1.4
----- acres ..	94 586	1.6	Peanuts for nuts ----- farms ..	935	1.1
LIVESTOCK			----- acres..	93 720	.3
Cattle and calves inventory ----- farms ..	27 638	1.0	----- pounds..	258 551 252	.3
----- number..	1 653 191	.8	Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms ..	25 282	1.0
Beef cows ----- farms ..	22 519	1.0	----- acres..	1 101 530	.9
----- number..	674 068	1.0	----- tons, dry..	2 180 604	.8
Milk cows ----- farms ..	2 369	.7	Alfalfa hay ----- farms ..	8 789	1.0
----- number..	140 033	.2	----- acres..	229 609	1.0
			----- tons, dry..	552 865	.9
			Vegetables harvested for sale (see text) ----- farms ..	1 215	1.1
			----- acres..	27 996	.5
			Land in orchards ----- farms ..	1 387	1.1
			----- acres..	32 963	.7

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 ..	16 828	1.1	Total farm production expenses ----- farms ..	16 878	.8
Land in farms ----- acres ..	5 972 418	.7	Average per farm ----- \$1,000 ..	1 563 948	.3
Average size of farm ----- acres ..	355	1.3	----- dollars ..	92 662	.9
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			Livestock and poultry purchased ----- farms ..		
Total sales (see text) ----- farms ..	16 828	1.1	----- \$1,000 ..	213 013	1.0
Average per farm ----- \$1,000 ..	1 964 325	.3	----- farms ..	11 297	1.2
----- dollars ..	116 730	1.2	Commercially mixed formula feeds ----- farms ..	449 051	.2
Farms by value of sales:			----- \$1,000 ..	5 332	2.1
\$10,000 to \$19,999 ----- farms ..	5 946	1.5	----- \$1,000 ..	375 858	.2
----- \$1,000 ..	83 084	1.5	Seeds, bulbs, plants, and trees ----- farms ..	10 708	1.3
\$20,000 to \$24,999 ----- farms ..	1 456	1.8	----- \$1,000 ..	39 404	.7
----- \$1,000 ..	32 362	1.8	Commercial fertilizer ----- farms ..	13 688	1.1
\$25,000 to \$39,999 ----- farms ..	2 382	1.7	----- \$1,000 ..	96 751	.8
----- \$1,000 ..	74 363	1.7	Agricultural chemicals ----- farms ..	12 446	1.2
\$40,000 to \$49,999 ----- farms ..	884	1.8	----- \$1,000 ..	60 815	.8
----- \$1,000 ..	39 220	1.9	Petroleum products ----- farms ..	16 618	.9
\$50,000 to \$99,999 ----- farms ..	1 946	1.4	----- \$1,000 ..	68 147	.6
----- \$1,000 ..	138 842	1.4	Electricity ----- farms ..	12 406	1.2
\$100,000 to \$249,999 ----- farms ..	2 197	—	----- \$1,000 ..	24 695	.5
----- \$1,000 ..	358 069	—	Hired farm labor ----- farms ..	9 758	1.4
\$250,000 to \$499,999 ----- farms ..	1 242	—	----- \$1,000 ..	183 125	.4
----- \$1,000 ..	436 236	—	Contract labor ----- farms ..	2 264	3.6
\$500,000 or more ----- farms ..	775	—	----- \$1,000 ..	15 878	2.1
----- \$1,000 ..	802 149	—	Repair and maintenance ----- farms ..	15 452	1.0
Sales by commodity or commodity group:			----- \$1,000 ..	84 759	.8
Crops, including nursery and greenhouse crops ----- farms ..	10 493	1.2	Customwork, machine hire, and rental of machinery and equipment ----- farms ..	6 005	2.0
----- \$1,000 ..	665 143	.4	----- \$1,000 ..	14 091	1.9
Grains ----- farms ..	4 786	1.1	----- \$1,000 ..	8 228	1.6
Corn for grain ----- farms ..	2 681	1.0	Interest expense ----- farms ..	71 809	1.0
----- \$1,000 ..	64 764	.3	----- \$1,000 ..	5 429	2.1
Wheat ----- farms ..	2 851	1.1	Secured by real estate ----- farms ..	49 603	1.2
----- \$1,000 ..	36 586	.4	----- \$1,000 ..	4 783	2.3
Soybeans ----- farms ..	2 805	1.1	Not secured by real estate ----- farms ..	22 207	1.2
----- \$1,000 ..	78 581	.4	Cash rent ----- farms ..	6 970	1.8
Sorghum for grain ----- farms ..	176	1.5	----- \$1,000 ..	55 193	.9
----- \$1,000 ..	1 164	1.0	Property taxes ----- farms ..	16 180	.9
Barley ----- farms ..	786	1.1	----- \$1,000 ..	31 412	1.5
----- \$1,000 ..	8 350	.5	All other farm production expenses ----- farms ..	16 876	.8
Oats ----- farms ..	122	2.1	----- \$1,000 ..	155 805	.5
----- \$1,000 ..	298	3.4	NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)¹		
Other grains ----- farms ..	177	.8	All farms ----- number ..	16 878	.8
----- \$1,000 ..	435	.5	----- \$1,000 ..	378 479	.9
Cotton and cottonseed ----- farms ..	133	1.1	Average per farm ----- dollars ..	22 424	1.2
----- \$1,000 ..	5 483	.2	Farms with net gains ² ----- number ..	13 082	1.1
Tobacco ----- farms ..	4 358	1.5	----- \$1,000 ..	425 034	.7
----- \$1,000 ..	164 130	.8	Average net gain ----- dollars ..	32 490	1.3
Hay, silage, and field seeds ----- farms ..	2 853	1.1	Farms with net losses ----- number ..	3 796	2.9
----- \$1,000 ..	21 548	1.0	----- \$1,000 ..	46 556	2.6
Vegetables, sweet corn, and melons ----- farms ..	786	1.1	Average net loss ----- dollars ..	12 264	3.9
----- \$1,000 ..	54 159	.3	GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Fruits, nuts, and berries ----- farms ..	502	1.4	Government payments ----- farms ..	3 737	1.1
----- \$1,000 ..	42 304	.3	----- \$1,000 ..	15 714	.5
Nursery and greenhouse crops ----- farms ..	626	.9	Other farm-related income ¹ ----- farms ..	4 916	2.4
----- \$1,000 ..	98 861	.2	----- \$1,000 ..	29 864	3.6
Other crops ----- farms ..	1 099	1.1	Customwork and other agricultural services ----- farms ..	1 685	4.4
----- \$1,000 ..	88 480	.3	----- \$1,000 ..	13 246	7.1
Livestock, poultry, and their products ----- farms ..	12 958	1.1	Gross cash rent or share payments ----- farms ..	1 447	4.9
----- \$1,000 ..	1 299 182	.2	----- \$1,000 ..	5 088	7.2
Poultry and poultry products ----- farms ..	1 274	.4	Forest products and Christmas trees ----- farms ..	707	6.4
----- \$1,000 ..	572 052	(L)	----- \$1,000 ..	6 226	4.2
Dairy products ----- farms ..	1 614	.5	Other farm-related income sources ----- farms ..	2 273	3.4
----- \$1,000 ..	287 699	.1	----- \$1,000 ..	5 303	3.8
Cattle and calves ----- farms ..	11 765	1.1	COMMODITY CREDIT CORPORATION LOANS		
----- \$1,000 ..	341 068	.7	Total ----- farms ..	528	1.0
Hogs and pigs ----- farms ..	990	1.2	----- \$1,000 ..	13 883	.4
----- \$1,000 ..	65 043	.2			
Sheep, lambs, and wool ----- farms ..	786	1.4			
----- \$1,000 ..	4 866	1.0			
Other livestock and livestock products (see text) ----- farms ..	760	1.4			
----- \$1,000 ..	28 453	.5			
Value of agricultural products sold directly to individuals for human consumption (see text) ----- farms ..	766	1.4			
----- \$1,000 ..	5 656	1.3			

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 ..	15 978	1.1	Individual or family (sole proprietorship) ----- farms ..	13 498	1.2
Harvested cropland ----- acres..	3 280 764	.7	Partnership ----- farms ..	4 180 463	.9
Harvested cropland ----- farms ..	15 142	1.2	Partnership ----- farms ..	2 249	1.1
Harvested cropland ----- acres..	2 059 096	.6	Partnership ----- acres..	1 016 589	.6
Cropland:			Corporation:		
Pasture or grazing only ----- farms ..	9 305	1.2	Family held ----- farms ..	882	.7
Pasture or grazing only ----- acres..	986 389	1.0	Family held ----- acres..	653 640	.3
Total woodland ----- farms ..	11 847	1.2	More than 10 stockholders ----- farms ..	22	3.3
Total woodland ----- acres..	1 656 026	.8	10 or less stockholders ----- farms ..	860	.7
Pastureland and rangeland other than cropland and woodland pastured ----- farms ..	4 649	1.1	Other than family held ----- farms ..	99	1.7
Pastureland and rangeland other than cropland and woodland pastured ----- acres..	862 191	.7	Other than family held ----- acres..	57 978	.6
Land in house lots, ponds, roads, wasteland, etc. ----- farms ..	10 101	1.1	More than 10 stockholders ----- farms ..	14	1.9
Land in house lots, ponds, roads, wasteland, etc. ----- acres..	173 437	.9	10 or less stockholders ----- farms ..	85	2.0
Irrigated land ----- farms ..	1 715	1.0	Other—cooperative, estate or trust, institutional, etc. ----- farms ..	100	2.5
Irrigated land ----- acres..	59 207	.4	Other—cooperative, estate or trust, institutional, etc. ----- acres..	63 748	1.3
Harvested cropland irrigated ----- farms ..	1 698	1.0			
Harvested cropland irrigated ----- acres..	58 582	.4			
Pasture and other land irrigated ----- farms ..	44	2.8			
Pasture and other land irrigated ----- acres..	625	2.1			
Land under federal acreage reduction programs:					
Diverted under annual commodity programs ----- farms ..	1 571	.9			
Diverted under annual commodity programs ----- acres..	22 283	.3			
Conservation Reserve or Wetlands Reserve Programs ----- farms ..	985	1.3			
Conservation Reserve or Wetlands Reserve Programs ----- acres..	40 691	1.2			
VALUE OF LAND AND BUILDINGS ¹			HIRED FARM LABOR		
Estimated market value of land and buildings ----- farms ..	16 878	.8	Hired workers by days worked:		
Estimated market value of land and buildings ----- \$1,000..	9 099 674	1.0	150 days or more ----- farms ..	4 793	9.7
Average per farm ----- dollars	539 144	1.3	150 days or more ----- workers..	14 074	4.6
Average per acre ----- dollars	1 519	1.3	Less than 150 days ----- farms ..	8 395	18.6
			Less than 150 days ----- workers..	38 914	11.0
VALUE OF MACHINERY AND EQUIPMENT ¹			INJURIES AND DEATHS		
Estimated market value of all machinery and equipment ----- farms ..	16 870	.8	Farm-related injuries:		
Estimated market value of all machinery and equipment ----- \$1,000..	1 008 763	.8	Operator and family members ----- farms ..	189	1.8
Average per farm ----- dollars	59 796	1.2	Operator and family members ----- number..	223	1.9
			Hired workers ----- farms ..	340	.8
			Hired workers ----- number..	636	.5
AGRICULTURAL CHEMICALS¹			FARM-RELATED DEATHS:		
Commercial fertilizer ----- farms ..	13 641	1.1	Operator and family members ----- farms ..	10	8.0
Commercial fertilizer ----- acres on which used ..	1 785 521	.9	Operator and family members ----- (D)	(D)	(D)
			Hired workers ----- farms ..	2	—
			Hired workers ----- (D)	(D)	(D)
TENURE OF OPERATOR			FARMS BY SIZE		
All operators ----- farms ..	16 828	1.1	1 to 9 acres -----	712	1.2
All operators ----- acres..	5 972 418	.7	10 to 49 acres -----	1 703	1.2
Full owners ----- farms ..	7 682	1.2	50 to 69 acres -----	955	1.4
Full owners ----- acres..	1 798 833	1.0	70 to 99 acres -----	1 259	1.5
Part owners ----- farms ..	7 662	1.1	100 to 139 acres -----	1 758	1.5
Part owners ----- acres..	3 734 502	.6	140 to 179 acres -----	1 449	1.6
Tenants ----- farms ..	1 484	1.4	180 to 219 acres -----	1 223	1.7
Tenants ----- acres..	439 083	.9	220 to 259 acres -----	986	1.7
			260 to 499 acres -----	3 322	1.3
			500 to 999 acres -----	2 253	.9
			1,000 to 1,999 acres -----	930	—
			2,000 acres or more -----	278	—
OWNED AND RENTED LAND			FARMS BY STANDARD INDUSTRIAL CLASSIFICATION		
Land owned ----- farms ..	15 373	1.1	Cash grains (011) -----	1 300	1.4
Land owned ----- acres..	3 729 474	.8	Field crops, except cash grains (013) -----	4 120	1.4
Owned land in farms ----- farms ..	15 344	1.1	Vegetables and melons (016) -----	291	1.8
Owned land in farms ----- acres..	3 563 362	.8	Fruits and tree nuts (017) -----	271	1.6
Land rented or leased from others ----- farms ..	9 187	1.1	Horticultural specialties (018) -----	499	.9
Land rented or leased from others ----- landlords..	2 429 609	.6	General farms, primarily crop (019) -----	319	1.5
Land rented or leased from others ----- farms ..	31 683	.8	Livestock, except dairy, poultry, and animal specialties (021) -----	7 178	1.3
Rented or leased land in farms ----- farms ..	9 146	1.1	Dairy farms (024) -----	1 399	.5
Rented or leased land in farms ----- acres..	2 409 056	.6	Poultry and eggs (025) -----	1 074	.3
			Animal specialties (027) -----	301	1.9
			General farms, primarily livestock and animal specialties (029) -----	76	3.2
Land rented or leased to others ----- farms ..	1 989	1.2			
Land rented or leased to others ----- acres..	186 665	1.3			
OPERATOR CHARACTERISTICS			LIVESTOCK		
Operators by place of residence:			Cattle and calves inventory ----- farms ..	11 532	1.1
On farm operated -----	12 457	1.1	Cattle and calves inventory ----- number..	1 270 643	.8
Not on farm operated -----	3 195	1.2	Beef cows ----- farms ..	8 857	1.3
Not reported -----	1 176	1.2	Beef cows ----- number..	471 678	1.0
Operators by principal occupation:			Milk cows ----- farms ..	1 812	.6
Farming -----	11 046	1.1	Milk cows ----- number..	138 658	.2
Other -----	5 782	1.3			
Operators by days worked off farm:			Cattle and calves sold ----- farms ..	11 765	1.1
Any -----	7 493	1.3	Cattle and calves sold ----- number..	706 804	.7
200 days or more -----	4 568	1.3	Hogs and pigs inventory ----- \$1,000..	341 068	.7
			Hogs and pigs inventory ----- farms ..	1 128	1.3
Operators by sex:			Hogs and pigs inventory ----- number..	402 999	.3
Male -----	15 657	1.1	Hogs and pigs sold ----- farms ..	990	1.2
Female -----	1 171	1.4	Hogs and pigs sold ----- number..	702 441	.3
Average age of operator ----- years ..	54.9	1.6	Hogs and pigs sold ----- \$1,000..	65 043	.2
			Sheep and lambs of all ages inventory ----- farms ..	753	1.4
			Sheep and lambs of all ages inventory ----- number..	84 505	1.1
			Sheep and lambs sold ----- farms ..	770	1.4
			Sheep and lambs sold ----- number..	80 010	1.1
			Horses and ponies inventory ----- farms ..	2 172	1.2
			Horses and ponies inventory ----- number..	14 785	1.2
			Horses and ponies sold ----- farms ..	539	1.5
			Horses and ponies sold ----- number..	4 267	1.8

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 --	678	1.4	Barley for grain ----- farms ..	1 221	1.0
-----number--	6 149 963	.3	-----acres..	73 649	.5
Hens and pullets of laying age -----farms --	644	1.4	-----bushels..	5 342 999	.5
-----number--	4 851 507	.3	-----farms ..	4 362	1.5
Broilers and other meat-type chickens sold -----farms --	618	.3	-----acres..	492 434	.9
-----number--	201 695 814	(L)	-----pounds..	103 139 807	.8
CROPS HARVESTED			Soybeans for beans ----- farms ..	2 834	1.1
Corn for grain or seed -----farms --	4 459	1.0	-----acres..	489 517	.5
-----acres..	347 466	.4	-----bushels..	15 290 887	.4
-----bushels..	39 587 851	.3	-----farms ..	257	1.9
Corn for silage or green chop -----farms --	2 760	.7	-----acres..	8 294	.4
-----acres..	149 309	.3	-----cwt..	1 369 781	.4
-----tons, green..	2 256 259	.2	Sweetpotatoes ----- farms ..	85	3.3
Wheat for grain -----farms --	2 978	1.1	-----acres..	691	2.3
-----acres..	232 272	.4	-----bushels..	170 704	1.4
-----bushels..	12 264 944	.4	-----farms ..	851	1.1
			-----acres..	93 039	.3
			-----pounds..	257 536 194	.3
			Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -----farms ..	10 763	1.2
			-----acres..	761 714	.9
			-----tons, dry..	1 644 946	.8
			Alfalfa hay ----- farms ..	4 597	1.1
			-----acres..	160 440	1.0
			-----tons, dry..	425 548	.8
			Vegetables harvested for sale (see text) -----farms ..	787	1.1
			-----acres..	26 926	.4
			Land in orchards ----- farms ..	517	1.4
			-----acres..	28 911	.7

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..	-5.8	1.0	7.9	1.3
Land in farms..... acres..	-4.4	.8	1.5	.8
Average size of farm.....acres..	1.5	1.4	-5.8	1.4
Estimated market value of land and buildings ¹ :				
Average per farm.....dollars..	37.9	2.4	22.7	2.1
Average per acre.....dollars..	36.6	2.3	30.3	2.3
Estimated market value of all machinery and equipment ¹ :				
Average per farm.....dollars..	9.4	1.9	-.1	1.6
Farms by size:				
1 to 9 acres.....	-1.5	1.3	14.7	1.8
10 to 49 acres.....	-3.6	1.2	28.9	1.9
50 to 179 acres.....	-7.1	1.2	20.5	1.8
180 to 499 acres.....	-9.0	1.3	-3.2	1.5
500 to 999 acres.....	-4.1	1.1	-1.2	1.1
1,000 to 1,999 acres.....	2.0	.1	2.3	.1
2,000 acres or more.....	8.0	-	7.8	-
Total cropland.....farms..				
Harvested cropland.....acres..	-6.5	1.0	7.7	1.3
Irrigated land.....farms..	-1.2	.8	3.8	.8
.....acres..	-8.2	1.0	6.7	1.4
.....farms..	1.7	.7	6.5	.7
Market value of agricultural products sold.....\$1,000..				
Average per farm.....dollars..	29.4	.5	31.7	.4
Crops, including nursery and greenhouse crops.....\$1,000..	37.3	1.6	22.1	1.6
Livestock, poultry, and their products.....\$1,000..	49.7	.8	53.8	.8
.....\$1,000..	21.0	.3	22.7	.3
Farms by value of sales:				
Less than \$2,500.....	-22.6	.8	(X)	(X)
\$2,500 to \$4,999.....	-10.4	1.2	(X)	(X)
\$5,000 to \$9,999.....	1.4	1.4	(X)	(X)
\$10,000 to \$24,999.....	7.4	1.8	7.4	1.8
\$25,000 to \$49,999.....	7.9	2.0	7.9	2.0
\$50,000 to \$99,999.....	-7.4	1.5	-7.4	1.5
\$100,000 to \$249,999.....	2.5	(L)	2.5	(L)
\$250,000 to \$499,999.....	28.6	-	28.6	-
\$500,000 or more.....	66.0	-	66.0	-
Total farm production expenses ¹\$1,000..				
Average per farm.....dollars..	27.3	1.5	30.5	1.2
.....dollars..	35.1	1.7	19.4	1.3
Net cash return from agricultural sales for the farm unit (see text) ¹farms..				
Average per farm.....\$1,000..	-5.7	1.1	9.3	1.1
.....dollars..	55.6	3.1	49.6	2.4
.....dollars..	65.0	3.9	36.9	2.6
Operators by principal occupation:				
Farming.....farms..	-5.1	1.1	1.9	1.2
Other.....farms..	-6.3	1.1	21.3	1.8
Operators by days worked off farm:				
Any.....farms..	-9.1	4.6	6.8	5.5
200 days or more.....farms..	-8.2	4.7	12.5	5.8
Livestock and poultry:				
Cattle and calves inventory.....farms..	-2.4	1.1	9.4	1.4
.....number..	9.4	1.0	12.2	1.0
Beef cows.....farms..	1.3	1.2	15.3	1.6
.....number..	16.0	1.3	22.6	1.4
Milk cows.....farms..	-29.7	.6	-19.6	.6
.....number..	-10.9	.2	-10.0	.2
Cattle and calves sold.....farms..	-4.6	1.1	7.4	1.3
.....number..	-5	.8	3.5	.9
Hogs and pigs inventory.....farms..	-43.8	.7	-38.5	.9
.....number..	19.6	.5	24.1	.5
Hogs and pigs sold.....farms..	-47.1	.5	-42.7	.8
.....number..	11.3	.5	14.7	.5
Sheep and lambs inventory.....farms..	-18.8	1.1	-26.5	1.2
.....number..	-26.9	.9	-31.9	.9
Chickens 3 months old or older inventory.....farms..	-35.2	.9	-28.3	1.2
.....number..	-6.3	.4	-6.0	.4
Broilers and other meat-type chickens sold.....farms..	12.9	.6	14.2	.5
.....number..	41.1	.1	41.1	.1
Selected crops harvested:				
Corn for grain or seed.....farms..	-24.4	.9	-6.1	1.1
.....acres..	5.8	.6	11.0	.6
.....bushels..	94.0	1.0	101.9	1.0
Wheat for grain.....farms..	-15.4	1.1	-3.6	1.2
.....acres..	27.9	.9	33.4	.9
.....bushels..	56.2	1.0	61.7	1.0
Tobacco.....farms..	-13.4	1.2	18.2	1.9
.....acres..	22.8	1.3	38.5	1.5
.....pounds..	40.5	1.4	52.6	1.6
Soybeans for beans.....farms..	-19.1	1.0	-7.7	1.2
.....acres..	10.4	.8	15.5	.8
.....bushels..	51.1	1.0	55.9	1.0
Peanuts for nuts.....farms..	-18.7	1.1	-13.8	1.1
.....acres..	1.1	.5	2.0	.5
.....pounds..	6.3	.5	7.1	.5
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms..	-7.2	1.0	6.6	1.4
.....acres..	2.4	1.0	8.5	1.1
.....tons, dry..	19.0	1.1	23.6	1.1
Land in orchards.....farms..	-5.2	1.3	-7.5	1.6
.....acres..	-3.1	.9	-3.9	.9

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)
Virginia	42 222	.9	8 297 011	.8	197	1.2	320 488	1.5	1 388 837	.9
Accomack	279	.9	91 568	.6	328	1.0	488 730	4.8	26 158	3.8
Albemarle	757	1.1	188 567	.9	249	1.5	728 990	4.9	24 978	4.7
Alleghany	150	1.1	25 810	2.0	172	2.2	210 646	10.6	4 125	6.9
Amelia	292	.9	70 411	1.1	241	1.4	293 677	6.3	14 922	4.7
Amherst	418	1.1	90 296	1.4	216	1.8	213 236	7.7	7 528	7.0
Appomattox	351	1.2	78 691	1.3	224	1.7	334 798	7.8	11 857	7.5
Arlington	2	—	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Augusta	1 514	.7	287 442	.6	190	1.0	361 414	3.2	51 796	4.5
Bath	119	1.0	47 010	1.2	395	1.6	374 046	5.9	3 477	5.5
Bedford	1 227	1.0	200 507	.9	163	1.3	197 561	4.3	29 808	4.1
Bland	339	1.1	81 768	1.2	241	1.6	172 646	8.6	9 502	8.3
Botetourt	512	.7	96 833	1.0	189	1.2	259 284	6.2	13 877	5.2
Brunswick	338	1.4	84 677	1.2	251	1.8	220 808	5.3	10 662	4.0
Buchanan	102	2.1	8 627	3.3	85	3.9	(D)	(D)	(D)	(D)
Buckingham	335	.9	66 034	1.3	197	1.6	178 835	7.3	8 651	11.5
Campbell	612	1.0	134 474	.9	220	1.4	201 727	7.7	17 614	4.9
Caroline	181	.8	51 604	1.2	285	1.4	408 652	6.1	6 808	7.3
Carroll	884	1.1	113 165	1.0	128	1.5	140 834	4.8	19 520	5.9
Charles City	66	1.9	28 827	1.3	437	2.2	653 483	5.1	5 255	1.6
Charlotte	451	1.4	112 944	1.3	250	1.9	214 206	5.2	16 462	7.3
Chesterfield	145	.9	17 392	2.3	120	2.5	320 368	6.3	5 041	5.0
Clarke	319	.9	68 326	.9	214	1.3	737 286	8.0	10 794	9.7
Craig	170	.6	45 451	1.5	267	1.6	232 144	6.3	4 736	4.7
Culpeper	471	1.0	115 295	1.0	245	1.4	545 091	7.8	18 340	5.0
Cumberland	237	.8	61 669	1.1	260	1.4	289 619	5.8	8 213	9.6
Dickenson	104	2.1	(D)	(D)	(D)	(D)	113 315	11.9	1 446	10.2
Dinwiddie	344	1.2	85 954	1.3	250	1.8	263 805	3.9	14 075	8.0
Essex	120	1.5	56 280	.9	469	1.8	549 539	4.8	9 774	2.6
Fairfax	151	1.4	15 714	3.5	104	3.8	543 511	7.7	5 553	7.4
Fauquier	925	1.0	235 533	.6	255	1.1	825 429	4.0	34 295	2.9
Floyd	761	.7	116 509	.9	153	1.1	166 058	6.3	21 453	7.8
Fluvanna	263	.7	58 326	1.3	222	1.4	253 006	6.2	7 733	8.0
Franklin	935	1.0	166 477	.8	178	1.3	244 415	5.8	34 143	3.5
Frederick	536	.8	98 142	1.0	183	1.2	539 756	9.7	16 967	8.2
Giles	332	1.2	73 097	1.5	220	2.0	159 191	8.7	6 971	8.6
Gloucester	111	.9	24 478	1.4	221	1.7	602 779	5.4	5 569	2.8
Goochland	232	1.2	51 442	1.4	222	1.8	437 348	7.5	8 846	9.2
Grayson	871	.9	136 320	.9	157	1.3	186 299	10.3	17 373	5.2
Greene	207	1.1	37 044	1.8	179	2.1	351 250	7.1	4 565	8.8
Greensville	156	1.4	51 374	1.1	329	1.7	236 760	5.5	8 685	4.1
Halifax	1 042	1.5	232 852	1.0	223	1.8	180 038	5.7	29 828	4.8
Hanover	547	1.0	96 282	.8	176	1.3	434 463	7.5	20 847	5.1
Henrico	148	1.6	24 201	1.6	164	2.3	454 366	6.4	4 557	7.1
Henry	287	1.6	48 968	2.5	171	3.0	150 520	10.0	4 708	6.5
Highland	298	.9	96 910	1.2	325	1.5	288 171	12.0	6 402	6.4
Isle of Wight	212	.9	86 247	.4	407	1.0	686 576	2.4	19 366	3.0
James City	61	1.1	9 559	1.3	157	1.7	487 307	4.4	1 507	2.8
King and Queen	135	1.0	52 508	1.3	389	1.7	409 932	3.5	7 458	2.6
King George	128	.9	37 777	1.6	295	1.8	515 447	8.7	5 158	4.2
King William	126	1.5	59 326	1.0	471	1.8	642 827	4.6	10 434	7.0
Lancaster	71	2.4	19 657	1.5	277	2.8	328 253	5.4	3 395	3.3
Lee	1 287	1.7	129 296	1.5	100	2.3	95 497	7.3	22 026	5.1
Loudoun	942	1.0	195 476	.8	208	1.3	887 413	3.8	31 925	4.4
Louisa	384	1.2	81 427	1.2	212	1.7	312 279	6.8	14 286	11.4
Lunenburg	362	1.2	85 600	1.3	236	1.7	216 846	13.5	10 138	17.9
Madison	439	.6	100 602	.7	229	.9	425 074	5.3	15 539	4.3
Mathews	61	.7	6 152	3.2	101	3.3	270 064	4.6	1 557	2.9
Mecklenburg	645	1.2	167 858	.9	260	1.5	224 562	3.8	24 270	3.9
Middlesex	81	2.1	21 507	1.7	266	2.7	525 377	5.1	3 747	3.4
Montgomery	537	.9	98 914	.8	184	1.2	284 366	5.3	17 839	4.8
Nelson	358	1.3	72 681	1.6	203	2.0	299 224	8.8	8 035	5.7
New Kent	67	1.2	18 367	1.2	274	1.7	501 196	4.3	3 873	1.7
Northampton	162	1.3	52 469	.8	324	1.5	587 417	4.2	12 908	1.8
Northumberland	128	1.2	41 290	1.1	323	1.6	455 510	3.6	9 879	5.0
Nottoway	324	1.3	63 991	1.4	198	1.9	245 019	6.6	9 526	5.9
Orange	419	1.4	107 700	1.1	257	1.8	482 656	5.4	16 717	9.3
Page	521	.9	64 856	1.2	124	1.5	278 485	4.7	16 419	14.5
Patrick	556	1.3	79 449	1.3	143	1.9	156 570	8.2	13 363	6.3
Pittsylvania	1 389	1.0	297 064	.8	214	1.3	215 309	4.0	54 558	3.3
Powhatan	195	1.2	43 180	1.3	221	1.8	482 545	8.5	6 628	6.9
Prince Edward	304	1.1	68 584	1.2	226	1.6	285 706	8.8	8 319	4.8
Prince George	149	.6	48 889	1.2	328	1.4	440 642	6.2	9 137	5.3
Prince William	259	1.1	32 973	2.0	127	2.3	583 398	15.8	8 670	14.6
Pulaski	363	1.1	71 803	1.1	198	1.6	280 996	9.0	9 488	4.8
Rappahannock	312	.9	78 977	1.0	253	1.4	757 386	8.0	9 596	9.5
Richmond	129	1.7	38 940	1.7	302	2.4	371 093	3.9	7 996	4.5
Roanoke	272	1.1	24 924	1.9	92	2.2	231 101	13.2	7 422	4.2
Rockbridge	643	1.2	141 766	1.1	220	1.6	324 330	6.3	19 294	7.9
Rockingham	1 864	.7	236 074	.5	127	.8	356 837	1.7	82 084	1.8
Russell	1 103	1.8	160 973	1.5	146	2.3	124 968	7.0	18 689	5.0
Scott	1 540	1.4	134 191	1.4	87	2.0	100 866	5.6	27 818	7.1
Shenandoah	832	.8	125 394	.9	151	1.2	334 444	4.5	22 583	5.0
Smyth	839	1.1	119 973	.8	143	1.4	146 770	5.0	19 495	5.8
Southampton	329	.7	178 469	.5	542	.9	628 598	8.5	31 302	2.2

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	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)
Spotsylvania.....	256	1.1	52 904	1.2	207	1.7	659 993	7.6	7 852	9.2
Stafford.....	166	.7	20 107	1.7	121	1.8	489 121	9.4	4 039	12.1
Surry.....	110	1.4	52 770	.5	480	1.5	747 952	2.1	10 380	2.9
Sussex.....	160	1.1	82 736	.8	517	1.4	481 207	2.7	15 495	1.7
Tazewell.....	494	1.2	138 531	.9	280	1.5	267 341	10.0	12 736	10.1
Warren.....	207	1.4	38 967	1.9	188	2.4	434 486	13.5	3 763	18.1
Washington.....	1 986	1.2	190 062	1.0	96	1.5	146 921	4.5	36 767	3.5
Westmoreland.....	159	1.1	56 289	1.0	354	1.5	544 870	4.7	14 150	4.2
Wise.....	122	2.3	13 247	3.1	109	3.9	161 022	13.6	1 948	7.6
Wythe.....	725	.9	131 366	.9	181	1.3	201 649	6.2	22 453	6.3
York.....	55	1.8	2 358	6.0	43	6.2	304 564	7.3	1 917	6.1
Chesapeake (IC).....	189	1.2	54 290	.5	287	1.3	697 718	9.9	10 033	4.0
Suffolk (IC).....	268	1.0	83 047	.6	310	1.2	523 439	3.4	22 237	4.6
Virginia Beach (IC).....	156	1.0	43 332	.6	278	1.2	694 918	5.6	7 571	3.4
	Average market value of all machinery and equipment per farm ¹		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses ¹			
							Total farm production expenses			
							Farms		Value	
							Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Virginia.....	33 090	1.4	2 055 958	.3	48 694	1.0	42 230	1.1	1 699 051	.3
Accomack.....	93 758	4.0	71 806	.1	257 368	.9	279	1.1	56 811	.9
Albemarle.....	32 996	4.9	21 841	.5	28 852	1.2	757	1.5	21 057	2.5
Alleghany.....	27 497	7.2	2 042	1.3	13 611	1.7	150	2.0	2 047	3.3
Amelia.....	51 101	4.9	38 813	.2	132 921	.9	292	1.1	33 800	1.5
Amherst.....	18 634	7.3	5 334	1.3	12 760	1.7	417	1.3	5 001	10.1
Appomattox.....	33 684	7.6	6 889	.8	19 626	1.4	352	1.3	6 523	5.5
Arlington (D).....	(D)	(D)	(D)	(D)	(D)	(D)	2	—	(D)	(D)
Augusta.....	34 393	4.6	111 144	.2	73 411	.8	1 513	.9	95 254	.9
Bath.....	29 218	5.8	1 775	1.7	14 917	2.0	119	1.9	1 918	2.9
Bedford.....	24 293	4.3	20 740	.6	16 903	1.1	1 227	1.1	16 841	2.8
Bland.....	27 864	8.4	6 608	1.3	19 492	1.7	341	1.4	5 871	6.8
Botetourt.....	27 424	5.4	12 549	.6	24 510	.9	512	1.0	11 506	4.8
Brunswick.....	31 637	4.3	15 823	.6	46 814	1.5	337	1.7	11 026	2.0
Buchanan (D).....	(D)	(D)	625	3.5	6 130	4.1	102	3.3	353	12.2
Buckingham.....	25 825	11.6	15 531	.3	46 361	1.0	335	1.4	13 327	1.5
Campbell.....	28 734	5.1	14 938	.7	24 409	1.2	613	1.3	10 825	2.8
Caroline.....	37 611	7.4	8 288	.6	45 791	1.0	181	1.3	6 838	5.6
Carroll.....	22 283	6.0	19 743	.7	22 333	1.3	884	1.1	14 869	3.8
Charles City.....	79 620	4.5	5 388	.5	81 633	1.9	66	4.2	4 234	.6
Charlotte.....	36 994	7.5	14 561	1.1	32 285	1.8	450	1.5	10 289	5.0
Chesterfield.....	34 766	5.4	7 014	.5	48 373	1.1	145	2.1	5 455	1.4
Clarke.....	33 838	9.8	17 761	.5	55 678	1.0	319	1.1	17 112	2.7
Craig.....	27 860	5.1	2 581	1.5	15 182	1.6	170	1.9	2 336	4.4
Culpeper.....	38 938	5.1	24 059	.5	51 080	1.1	471	1.2	21 969	3.2
Cumberland.....	34 507	9.7	27 236	.2	114 920	.8	238	1.5	21 747	.7
Dickenson.....	13 908	10.7	(D)	(D)	(D)	(D)	104	3.4	454	11.7
Dinwiddie.....	40 798	8.1	16 825	.7	48 911	1.4	345	1.3	12 341	1.8
Essex.....	80 778	3.3	9 651	.5	80 429	1.6	121	2.1	8 499	1.9
Fairfax.....	37 520	7.7	3 333	1.1	22 071	1.8	151	2.1	3 803	2.5
Fauquier.....	37 440	3.2	37 776	.4	40 838	1.0	924	1.1	40 249	2.1
Floyd.....	28 190	7.9	21 357	.5	28 064	.8	761	1.0	17 063	2.0
Fluvanna.....	29 402	8.1	4 550	1.0	17 300	1.2	263	1.1	4 296	4.0
Franklin.....	36 517	3.7	40 121	.3	42 910	1.0	935	1.2	31 432	1.8
Frederick.....	32 442	8.4	23 655	.3	44 132	.8	537	.9	19 605	1.8
Giles.....	20 996	8.7	4 053	1.5	12 207	2.0	332	1.5	3 160	6.1
Gloucester.....	50 624	3.4	4 702	.8	42 357	1.2	110	2.0	3 569	2.8
Goochland.....	38 131	9.4	4 751	.8	20 480	1.4	232	1.9	4 496	3.5
Grayson.....	19 969	5.3	16 893	.7	19 395	1.2	870	1.1	12 467	3.4
Greene.....	22 051	8.9	4 418	1.1	21 343	1.6	207	1.5	4 617	10.8
Greensville.....	55 672	4.5	15 671	.6	100 457	1.5	156	1.9	13 098	4.5
Halifax.....	28 626	5.0	33 393	.8	32 047	1.7	1 042	1.5	22 040	2.5
Hanover.....	37 973	5.3	20 926	.4	38 255	1.1	549	1.2	18 206	2.9
Henrico.....	30 583	7.5	6 859	.7	46 347	1.8	149	2.5	4 980	2.8
Henry.....	16 461	6.7	3 991	2.2	13 908	2.7	286	1.8	3 730	11.1
Highland.....	21 483	6.5	9 809	.9	32 918	1.3	298	1.1	7 477	2.8
Isle of Wight.....	91 349	3.2	38 453	.2	181 380	.9	212	.9	31 441	1.4
James City.....	24 700	4.5	2 428	.9	39 810	1.4	61	3.5	(D)	(D)
King and Queen.....	55 241	3.3	9 039	.7	66 955	1.3	135	2.1	7 768	1.4
King George.....	40 294	4.8	5 251	.6	41 023	1.1	128	2.2	3 635	3.0
King William.....	82 811	7.3	11 860	.4	94 129	1.6	126	2.2	9 766	.9
Lancaster.....	47 823	5.7	2 604	1.6	36 679	2.9	71	4.6	2 304	2.7
Lee.....	17 208	5.4	15 365	1.4	11 939	2.3	1 287	1.7	9 174	4.3
Loudoun.....	34 108	4.6	26 746	.5	28 393	1.1	942	1.1	30 592	2.4
Louisa.....	37 203	11.5	9 887	.7	25 748	1.4	384	1.4	8 944	4.3

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	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)
Lunenburg	28 007	18.0	13 314	.6	36 779	1.3	362	1.2	10 877	4.0
Madison	35 317	4.4	18 722	.4	42 647	.7	440	1.0	16 357	1.5
Mathews	25 528	4.2	2 417	1.1	39 630	1.3	61	3.1	2 060	1.4
Mecklenburg	37 628	4.2	31 879	.5	49 425	1.3	645	1.4	21 255	3.2
Middlesex	46 255	5.5	3 791	1.2	46 807	2.4	81	4.3	3 059	2.1
Montgomery	33 158	4.9	15 168	.5	28 246	1.0	538	1.0	13 161	3.3
Nelson	22 443	5.9	5 799	1.3	16 197	1.8	358	1.5	5 291	4.4
New Kent	57 813	3.9	3 405	1.5	50 823	1.9	67	3.5	2 763	1.3
Northampton	80 171	2.4	26 764	.2	165 208	1.3	161	1.6	21 148	1.0
Northumberland	77 787	5.5	7 962	.9	62 206	1.5	127	2.2	6 962	2.5
Nottoway	29 400	6.1	24 666	.3	76 131	1.3	324	1.7	20 868	2.6
Orange	39 803	9.4	20 284	.5	48 411	1.5	420	1.4	19 320	2.7
Page	31 881	14.6	70 387	.1	135 099	.9	522	1.1	58 359	1.0
Patrick	24 385	6.6	11 195	1.0	20 135	1.7	557	1.6	8 727	4.6
Pittsylvania	39 279	3.5	56 020	.5	40 331	1.1	1 389	1.1	39 291	2.4
Powhatan	33 992	7.1	7 926	.6	40 646	1.4	195	1.4	6 885	2.3
Prince Edward	28 103	5.5	11 816	.5	38 868	1.2	304	1.5	11 047	5.0
Prince George	61 321	5.7	7 672	.6	51 489	.8	149	2.0	6 623	2.6
Prince William	33 475	14.7	5 626	1.0	21 723	1.4	259	1.4	5 868	7.2
Pulaski	26 139	5.0	11 649	.6	32 091	1.3	363	1.3	9 249	2.2
Rappahannock	30 756	9.6	6 172	1.0	19 781	1.4	312	1.1	6 107	6.1
Richmond	61 505	5.0	8 391	1.0	65 050	2.0	130	2.2	6 656	2.3
Roanoke	27 286	4.3	12 873	.4	47 327	1.1	272	1.2	10 075	1.0
Rockbridge	30 673	8.1	14 373	.7	22 353	1.3	643	1.2	13 722	6.3
Rockingham	44 345	2.0	370 998	.1	199 033	.7	1 863	.8	309 299	.3
Russell	17 052	5.3	19 531	1.4	17 707	2.3	1 103	1.9	11 817	3.9
Scott	18 064	7.2	16 249	1.2	10 551	1.9	1 540	1.5	9 696	6.1
Shenandoah	27 111	5.1	55 955	.2	67 254	.8	833	1.0	49 621	1.1
Smyth	23 236	6.0	19 720	.5	23 504	1.3	839	1.4	14 534	4.0
Southampton	95 143	2.5	56 128	.2	170 601	.8	329	1.2	43 007	1.0
Spotsylvania	30 672	9.3	5 920	.9	23 126	1.4	256	1.5	5 482	4.9
Stafford	24 331	12.2	1 868	1.4	11 255	1.6	166	1.9	1 904	5.9
Surry	94 362	3.4	18 865	1.2	171 496	1.4	110	1.9	17 128	.5
Sussex	96 845	2.5	27 007	.2	168 791	1.1	160	1.8	22 159	.7
Tazewell	31 292	10.7	13 551	.9	27 431	1.5	494	1.4	10 572	5.4
Warren	18 178	18.2	4 070	1.5	19 661	2.0	207	1.6	4 690	4.3
Washington	18 845	3.8	47 509	.5	23 922	1.3	1 985	1.3	32 830	1.5
Westmoreland	91 290	4.8	15 171	.5	95 418	1.2	159	1.7	12 540	1.0
Wise	15 970	8.2	934	1.9	7 652	3.0	122	3.1	858	8.7
Wythe	30 970	6.4	25 647	.5	35 376	1.0	725	1.3	20 854	4.2
York	34 849	7.7	2 871	.9	52 201	2.0	55	4.6	2 388	.9
Chesapeake (IC)	53 085	4.3	23 628	.2	125 014	1.2	189	1.4	20 208	1.4
Suffolk (IC)	82 667	4.8	37 053	.3	138 258	1.0	269	1.0	31 318	1.8
Virginia Beach (IC)	48 222	3.9	17 002	.3	108 984	1.1	157	1.9	14 106	1.4

Farm production expenses¹—Con.

Geographic area	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Virginia	14 208	1.7	230 888	.9	24 667	1.3	461 703	.3	18 804	1.4	41 102	.7
Accomack	79	7.7	3 392	.3	93	9.3	14 842	.2	200	5.5	2 016	2.9
Albemarle	228	12.0	1 337	11.8	502	5.5	2 525	4.3	176	14.9	245	5.8
Alleghany	54	9.5	737	6.0	89	7.1	281	4.1	37	14.8	10	13.9
Amelia	119	13.5	7 134	1.0	174	9.5	13 552	.7	161	10.1	296	14.9
Amherst	150	15.2	576	14.0	267	9.4	667	12.0	108	19.9	71	29.0
Appomattox	129	14.8	710	25.9	205	10.6	1 224	4.2	162	13.0	92	10.9
Arlington	1	—	(D)	(D)	1	—	(D)	(D)	1	—	(D)	(D)
Augusta	755	5.7	15 089	4.9	1 099	3.8	40 801	.6	554	6.6	1 176	2.5
Bath	41	10.4	498	6.1	82	5.7	172	5.7	29	12.4	15	9.2
Bedford	379	9.8	1 688	10.8	804	4.5	3 239	3.4	364	9.3	331	5.5
Bland	210	7.5	1 841	19.3	255	6.9	894	4.1	128	10.9	61	9.8
Botetourt	188	11.5	1 507	15.0	313	6.7	1 818	10.0	143	14.0	137	15.0
Brunswick	56	22.6	326	2.6	115	16.6	1 361	1.6	231	6.6	266	9.8
Buchanan	30	18.3	50	25.1	44	11.8	32	19.8	49	11.4	7	22.1
Buckingham	132	13.7	1 805	5.9	213	8.0	6 574	.8	101	17.6	53	18.5
Campbell	170	14.5	1 027	10.1	377	5.7	1 601	5.1	304	8.9	264	8.9
Caroline	28	47.7	128	5.3	101	16.3	526	31.0	77	14.6	345	3.6
Carroll	356	8.5	4 832	9.6	549	5.7	2 164	5.3	128	17.4	221	5.6
Charles City	15	7.9	36	11.3	29	6.8	58	2.7	33	4.1	268	.8
Charlotte	116	15.0	648	14.1	205	9.5	1 195	2.4	235	8.1	168	18.5
Chesterfield	28	15.4	342	5.0	59	8.7	1 276	.8	62	8.9	217	2.6
Clarke	122	15.5	1 387	8.8	229	7.5	2 286	5.2	111	16.2	257	6.6
Craig	64	10.2	439	13.4	129	5.0	305	7.9	56	10.6	24	14.2
Culpeper	205	12.9	2 893	4.2	314	8.2	2 949	7.8	116	15.2	906	4.6

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Cumberland	88	12.8	2 763	1.1	199	7.1	10 645	.2	90	15.5	68	8.7
Dickenson	37	13.4	32	16.4	69	6.6	73	18.7	37	12.0	5	18.9
Dinwiddie	74	18.0	444	2.9	168	9.1	1 697	2.2	206	8.8	399	2.7
Essex	11	32.1	16	57.1	34	11.3	112	7.9	100	4.4	640	1.2
Fairfax	39	11.3	180	9.5	78	7.0	523	4.5	36	11.6	185	1.6
Fauquier	319	9.9	9 167	6.2	638	4.6	5 238	3.9	330	8.5	774	3.1
Floyd	270	11.9	4 897	4.5	427	7.7	2 417	6.0	188	12.7	291	5.4
Fluvanna	69	21.6	836	7.5	149	13.0	1 044	4.4	40	26.5	28	8.1
Franklin	304	10.0	1 850	15.9	549	5.6	8 463	1.8	440	6.8	556	5.3
Frederick	201	13.1	1 194	13.1	329	7.2	1 649	4.4	238	9.2	285	4.0
Giles	132	15.8	694	20.5	245	7.8	378	19.9	77	17.8	38	22.4
Gloucester	18	17.8	27	49.0	29	12.9	87	14.9	61	7.7	253	2.8
Goochland	73	23.8	245	21.8	165	9.9	707	4.5	79	22.0	155	6.9
Grayson	365	8.1	3 271	9.1	569	4.9	2 335	5.9	257	10.3	78	6.2
Greene	75	19.7	841	30.3	136	11.9	823	5.7	93	18.0	53	12.4
Greensville	47	23.8	645	.7	75	21.2	1 970	.6	114	8.1	826	5.7
Halifax	224	12.6	658	22.0	414	8.0	1 085	9.3	679	4.9	363	9.0
Hanover	121	18.3	740	7.6	264	9.7	2 341	1.6	291	8.6	1 096	5.1
Henrico	23	19.7	72	13.8	67	8.1	354	9.5	68	7.6	470	6.4
Henry	85	26.5	774	28.4	147	17.1	450	29.0	105	17.3	56	12.8
Highland	174	10.1	1 998	8.1	213	8.3	2 540	1.8	46	25.1	27	9.3
Isle of Wight	55	18.4	1 626	.7	90	13.3	6 826	.4	179	5.1	1 483	4.2
James City	16	6.9	57	13.5	27	5.5	141	2.4	31	4.4	240	1.1
King and Queen	39	12.7	206	4.7	52	9.3	348	6.6	104	5.2	537	2.1
King George	21	17.5	38	19.4	47	11.7	89	16.5	68	7.3	221	5.1
King William	30	12.0	410	4.0	55	10.2	461	2.1	93	5.5	481	1.7
Lancaster	11	8.3	76	4.7	11	8.2	55	8.3	60	4.8	142	2.9
Lee	247	13.9	1 718	13.3	544	7.4	732	8.9	705	6.1	94	12.9
Loudoun	315	9.3	2 923	7.3	682	4.2	2 628	3.5	328	9.0	1 089	6.5
Louisa	124	16.1	1 324	7.0	223	9.6	1 582	4.7	188	10.4	176	11.6
Lunenburg	78	22.9	802	7.9	188	12.5	1 663	3.1	169	14.2	116	7.8
Madison	158	11.3	3 186	3.3	300	7.2	2 697	1.7	173	9.2	286	3.2
Mathews	9	8.7	24	6.5	17	5.9	36	1.9	35	4.2	68	3.2
Mecklenburg	113	19.0	673	13.1	302	9.9	2 134	3.0	379	6.8	646	10.9
Middlesex	14	7.1	88	1.1	27	6.6	158	3.1	50	4.8	200	1.5
Montgomery	218	11.2	2 219	10.8	358	6.7	3 058	3.0	160	12.1	211	6.2
Nelson	113	17.5	396	27.2	194	10.7	284	15.1	115	16.7	182	6.8
New Kent	9	11.8	25	23.9	18	7.5	17	10.5	42	3.6	191	1.4
Northampton	12	25.1	54	7.7	15	20.1	32	21.5	150	2.1	2 059	1.6
Northumberland	14	22.5	120	19.9	14	22.5	105	13.4	97	4.7	498	3.0
Nottoway	184	10.5	4 119	3.9	237	7.6	7 012	7.3	134	13.8	125	9.5
Orange	195	8.8	4 059	3.8	333	5.3	3 290	2.4	158	7.0	440	3.9
Page	307	7.9	8 954	2.3	406	5.1	35 068	.3	204	10.4	163	7.9
Patrick	116	19.3	623	10.6	245	11.8	1 107	8.2	181	12.6	277	15.7
Pittsylvania	364	9.3	3 339	13.2	647	5.5	2 964	4.8	852	4.3	740	4.8
Powhatan	69	17.9	832	4.0	108	12.4	2 221	1.8	50	19.8	98	1.3
Prince Edward	93	18.4	1 469	12.6	146	11.3	3 214	4.3	157	12.0	141	6.1
Prince George	27	15.8	98	10.7	57	10.2	174	4.1	98	5.4	501	3.0
Prince William	91	16.1	334	21.9	173	9.4	992	6.5	58	22.1	120	15.5
Pulaski	142	8.8	2 346	4.4	231	8.2	1 513	2.9	46	19.6	163	2.3
Rappahannock	90	20.0	734	10.4	214	9.1	723	9.7	78	18.6	104	27.3
Richmond	17	17.3	148	22.2	36	12.6	137	5.1	102	5.0	381	3.0
Roanoke	93	17.9	1 865	4.3	146	12.2	4 353	.9	57	25.3	45	7.6
Rockbridge	236	11.5	2 874	19.2	443	5.9	2 453	4.7	228	11.6	236	10.2
Rockingham	1 099	3.3	66 000	1.1	1 500	2.3	158 868	.2	819	4.4	1 490	2.7
Russell	353	9.1	2 986	10.4	622	5.8	1 392	5.8	719	5.2	116	8.5
Scott	372	10.5	1 680	18.0	693	6.1	1 095	15.1	968	4.3	121	10.0
Shenandoah	395	6.7	8 089	4.6	612	4.4	24 085	.4	371	7.5	357	6.6
Smyth	355	8.7	3 302	8.7	501	6.4	2 607	6.5	436	7.7	182	7.5
Southampton	80	9.2	1 712	.3	176	9.9	7 038	1.1	274	4.9	2 299	3.7
Spotsylvania	64	17.4	261	8.8	122	11.8	875	4.9	93	17.2	162	9.6
Stafford	41	16.9	258	4.6	93	8.8	198	20.8	58	12.9	38	13.1
Surry	32	8.7	551	4.1	48	6.8	3 604	.1	90	4.0	724	2.2
Sussex	32	16.1	554	10.8	61	10.4	(D)	(D)	115	4.8	951	2.5
Tazewell	263	7.8	3 656	11.6	363	5.3	1 443	3.5	126	14.9	80	9.8
Warren	71	20.9	1 327	13.3	154	11.5	975	6.4	58	33.3	(D)	(D)
Washington	500	8.3	5 551	5.3	1 013	4.6	8 326	1.6	1 200	4.1	409	4.7
Westmoreland	20	18.6	246	11.2	32	13.2	149	2.2	137	3.6	815	1.9
Wise	36	12.4	61	18.3	65	9.4	144	7.8	34	16.1	11	16.3
Wythe	341	9.3	4 190	14.8	517	5.8	5 270	3.8	245	11.5	282	8.0
York	4	15.7	(D)	(D)	12	9.5	70	3.3	37	5.3	254	4
Chesapeake (IC)	10	—	302	—	67	15.9	819	1.8	91	14.6	3 766	5
Suffolk (IC)	83	21.2	1 257	4.0	154	11.7	4 526	8.1	183	7.9	1 660	5.3
Virginia Beach (IC)	33	14.7	1 284	.3	64	8.5	1 714	3.4	80	4.6	797	2.4

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)
Virginia	29 001	1.3	108 844	.8	24 321	1.3	64 381	.8	40 388	1.1	79 225	.7
Accomack	169	8.4	3 832	2.9	209	4.0	4 078	1.2	270	1.1	1 988	4.7
Albemarle	407	7.6	1 148	8.7	370	8.3	622	5.9	733	2.1	1 176	6.5
Alleghany	90	7.2	1 130	20.4	55	10.9	24	21.0	142	3.2	90	7.6
Amelia	214	7.2	1 169	10.6	184	9.2	546	14.5	285	2.2	1 284	5.3
Amherst	300	7.9	508	13.3	140	17.9	133	17.4	404	3.0	319	12.3
Appomattox	282	4.7	820	11.2	188	11.0	158	12.6	343	2.5	458	7.2
Arlington	2	(D)	(D)	(D)	2	(D)	(D)	(D)	2	(D)	(D)	(D)
Augusta	875	4.6	3 262	3.2	809	5.4	1 272	2.3	1 410	1.7	2 672	2.1
Bath	59	7.6	105	6.8	48	9.9	28	14.7	115	2.4	119	5.9
Bedford	880	3.9	2 103	5.5	465	7.7	364	10.8	1 194	1.5	1 101	5.1
Bland	221	7.6	387	10.6	227	8.9	89	13.5	339	1.4	343	10.0
Botetourt	324	6.7	821	8.7	271	8.4	519	3.1	505	1.4	500	5.1
Brunswick	282	4.6	1 259	5.9	245	6.6	607	4.1	326	2.6	1 062	3.2
Buchanan	79	6.2	39	21.8	57	10.4	8	20.9	99	3.3	59	17.0
Buckingham	229	7.1	456	15.3	164	11.6	77	17.0	323	2.6	449	6.2
Campbell	462	4.9	1 158	6.5	343	7.9	236	7.1	577	2.7	845	4.6
Caroline	145	8.8	1 440	5.7	136	10.1	486	6.2	146	8.7	369	5.7
Carroll	573	5.3	1 118	7.1	252	11.3	512	10.8	844	1.6	780	6.8
Charles City	47	4.2	860	.4	51	4.5	570	1.4	62	4.2	254	.9
Charlotte	361	4.2	1 247	8.7	302	6.1	289	8.8	438	1.9	1 078	9.1
Chesterfield	77	6.0	224	4.3	88	5.6	168	8.6	128	3.2	284	2.2
Clarke	138	15.0	552	11.8	159	11.4	805	4.0	310	2.7	796	3.9
Craig	103	6.6	233	12.7	73	8.2	39	12.2	162	2.3	181	5.9
Culpeper	226	11.5	1 907	11.0	171	12.9	692	8.8	457	1.7	1 332	2.2
Cumberland	130	11.2	547	12.7	128	13.1	139	5.0	238	1.5	557	6.6
Dickenson	68	7.6	43	15.9	57	9.7	7	17.2	93	4.7	40	12.1
Dinwiddie	269	4.2	1 151	3.3	253	5.3	956	2.7	334	2.1	989	6.6
Essex	99	4.2	1 585	3.9	98	4.9	882	4.7	119	2.3	556	2.9
Fairfax	55	9.3	83	8.5	89	5.7	64	10.3	136	3.2	163	4.1
Fauquier	413	7.6	2 086	4.0	535	5.9	821	3.7	802	2.7	1 618	3.1
Floyd	527	5.8	1 095	6.3	326	10.0	366	13.5	753	1.2	808	5.7
Fluvanna	152	12.1	271	9.5	105	14.1	47	20.8	282	1.1	262	8.3
Franklin	768	3.3	2 943	4.1	466	6.3	840	7.1	897	1.8	1 582	3.8
Frederick	304	7.8	759	9.7	314	8.7	1 613	2.7	521	1.9	891	3.8
Giles	215	9.1	256	12.3	185	11.0	152	14.0	311	3.3	248	10.8
Gloucester	88	4.3	705	4.7	87	4.4	320	5.3	103	2.7	276	7.3
Goochland	146	12.5	409	7.7	65	24.5	170	7.3	232	1.9	344	7.0
Grayson	577	4.9	740	6.5	432	6.8	191	12.4	809	2.5	761	6.2
Greene	162	8.2	358	16.3	126	12.8	69	14.6	207	1.5	205	8.5
Greensville	123	8.8	1 314	9.4	132	4.6	1 892	18.0	156	1.9	688	2.1
Halifax	886	3.0	2 711	5.4	835	3.5	762	4.7	989	1.9	2 911	4.3
Hanover	428	5.1	2 839	5.3	376	6.3	1 096	6.2	518	2.2	1 100	4.2
Henrico	97	5.8	486	5.6	84	7.8	262	5.1	144	2.6	286	2.6
Henry	189	11.6	443	9.5	123	17.5	80	35.2	273	3.3	248	10.7
Highland	137	12.6	218	12.5	93	16.6	48	13.7	289	2.5	368	7.1
Isle of Wight	186	3.5	3 007	3.1	197	3.3	3 032	2.9	212	.9	1 739	3.6
James City	38	4.2	197	4.2	39	4.1	(D)	2.9	52	3.7	(D)	(D)
King and Queen	97	5.2	1 464	1.2	107	4.9	929	3.5	135	2.1	528	3.7
King George	90	5.7	946	2.8	79	7.1	271	4.0	127	2.2	242	5.3
King William	96	6.3	2 017	1.2	88	7.4	1 037	1.3	120	2.7	602	1.6
Lancaster	62	4.7	473	3.6	55	4.7	324	2.3	68	4.7	197	2.6
Lee	1 155	2.6	949	7.2	852	4.9	229	20.0	1 230	2.2	688	7.6
Loudoun	400	7.7	1 602	3.9	486	5.8	1 156	5.5	902	1.7	1 606	3.3
Louisa	223	9.7	774	7.4	211	10.8	186	11.5	378	1.9	552	7.5
Lunenburg	289	6.5	750	5.9	250	7.1	578	7.2	356	2.0	884	9.1
Madison	314	6.7	1 328	3.0	297	6.9	460	9.0	430	1.7	685	3.8
Mathews	45	3.6	161	5.1	44	3.6	96	2.8	54	3.2	133	2.1
Mecklenburg	531	4.2	2 127	5.1	452	5.6	921	5.2	604	2.8	2 115	4.3
Middlesex	59	4.7	600	1.6	68	4.6	249	2.7	78	4.4	215	2.3
Montgomery	381	6.1	850	7.3	285	8.8	294	7.1	516	2.1	634	7.0
Nelson	212	8.8	469	9.6	165	13.6	329	2.1	350	2.5	347	8.3
New Kent	52	3.7	686	.8	51	3.6	269	1.0	64	3.4	161	1.6
Northampton	142	2.9	2 714	2.9	145	2.1	1 890	.8	157	1.8	1 114	1.4
Northumberland	116	3.5	1 405	4.3	106	4.4	986	2.1	121	3.3	423	2.9
Nottoway	190	10.0	670	8.9	177	11.0	260	5.1	309	3.4	695	4.7
Orange	254	8.3	923	10.5	252	7.9	473	3.8	403	2.5	699	5.3
Page	191	12.7	377	19.5	231	10.4	314	25.6	499	2.3	1 411	2.1
Patrick	478	3.9	896	4.9	269	10.0	389	6.2	534	2.8	681	7.2
Pittsylvania	1 186	2.3	4 173	2.9	952	3.1	1 529	5.0	1 352	1.4	4 253	3.0
Powhatan	110	13.1	376	5.7	76	18.3	98	2.6	178	5.1	258	9.1
Prince Edward	206	8.7	736	8.3	214	8.0	310	7.6	282	3.8	548	6.2
Prince George	127	3.5	1 246	4.2	95	5.6	1 131	3.8	146	2.2	456	2.7
Prince William	88	17.5	422	16.4	114	15.6	108	12.4	193	8.2	289	14.3
Pulaski	189	12.7	523	16.4	146	15.6	166	13.0	336	2.2	364	9.9
Rappahannock	164	10.2	350	12.7	180	9.1	288	5.7	297	2.3	519	13.6
Richmond	114	4.3	1 075	5.2	104	4.3	534	3.6	127	2.3	364	5.0
Roanoke	159	12.7	137	10.9	118	16.3	73	18.9	259	3.3	264	8.6
Rockbridge	395	6.8	790	4.7	382	7.7	285	4.9	626	1.7	705	5.0
Rockingham	862	4.7	2 877	4.0	1 062	3.7	2 334	3.2	1 783	1.2	6 052	1.0

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)
Russell	978	2.9	1 118	9.0	773	4.8	251	9.6	1 075	2.1	643	5.3
Scott	1 341	2.4	1 168	5.6	1 066	4.0	211	9.5	1 481	1.8	583	6.9
Shenandoah	464	6.0	1 106	7.7	457	5.9	983	4.0	801	1.8	1 320	3.2
Smyth	713	3.7	949	7.8	470	7.2	340	5.2	832	1.5	749	9.9
Southampton	249	6.2	4 221	2.6	279	3.6	5 515	1.6	313	1.8	2 824	2.0
Spotsylvania	148	9.8	557	20.8	174	8.8	298	15.5	217	4.6	312	6.7
Stafford	99	6.9	214	5.2	108	6.9	61	5.9	157	3.0	188	8.8
Surry	98	2.9	1 531	1.3	98	3.2	1 825	1.3	110	1.9	1 034	.9
Sussex	123	4.9	1 718	2.6	129	4.6	2 415	1.3	156	2.9	1 107	.9
Tazewell	254	9.2	422	8.0	199	11.6	102	16.6	471	2.4	572	8.0
Warren	106	22.1	165	16.3	84	25.8	125	29.0	207	1.6	188	10.4
Washington	1 729	2.0	2 186	4.4	1 244	3.9	448	5.9	1 902	1.7	1 426	3.0
Westmoreland	137	3.6	1 687	1.9	135	3.6	1 004	1.7	150	2.7	649	1.8
Wise	81	7.2	102	35.1	52	11.0	22	8.5	108	4.3	59	8.4
Wythe	453	7.2	1 209	5.2	296	10.4	467	15.7	701	2.1	1 060	5.3
York	43	5.0	(D)	(D)	39	5.4	107	2.9	53	4.7	180	1.8
Chesapeake (IC)	125	9.4	1 764	2.7	145	8.3	1 140	1.8	183	1.5	1 019	1.5
Suffolk (IC)	167	8.9	3 488	5.9	202	8.0	3 202	5.2	247	5.3	1 520	3.9
Virginia Beach (IC)	114	3.5	1 258	2.9	104	4.8	1 154	2.7	146	2.6	779	1.7
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)
Virginia	22 564	1.3	27 032	.5	16 359	1.5	188 671	.4	3 927	3.2	17 113	2.0
Accomack	217	5.7	574	1.0	143	8.7	9 628	.2	48	12.8	2 346	.5
Albemarle	347	8.7	429	6.5	258	11.2	2 875	2.6	164	15.2	774	9.2
Alleghany	62	10.0	19	8.8	31	14.9	130	2.4	16	23.7	14	30.6
Amelia	174	8.2	813	1.7	133	10.4	1 750	.6	16	33.8	46	5.9
Amherst	167	13.2	69	16.5	96	14.9	485	12.2	21	42.3	16	40.5
Appomattox	196	11.6	139	7.1	137	12.7	598	6.8	15	35.4	12	27.3
Arlington	2	—	(D)	(D)	1	—	(D)	(D)	1	—	(D)	(D)
Augusta	950	4.5	1 736	1.7	509	6.9	6 272	1.9	196	16.1	493	25.9
Bath	61	8.1	29	7.0	46	8.7	188	3.5	12	30.2	6	37.3
Bedford	494	7.5	304	4.8	344	9.6	1 483	4.7	77	24.8	77	14.4
Bland	119	15.9	67	8.1	98	16.9	487	17.5	7	2.0	22	1.2
Botetourt	280	8.3	196	7.2	157	12.6	1 668	2.5	43	30.8	87	63.9
Brunswick	210	6.7	310	1.8	166	11.5	2 057	3.8	23	41.5	105	7.4
Buchanan	36	14.2	11	20.3	21	20.8	11	26.1	7	35.6	6	53.7
Buckingham	149	12.7	138	4.1	109	15.0	383	12.6	43	31.9	38	39.7
Campbell	302	8.1	191	5.4	238	10.7	1 488	3.1	49	21.9	58	25.9
Caroline	115	14.5	86	5.8	32	22.9	619	.1	13	56.4	48	2.9
Carroll	305	8.9	142	8.7	245	12.1	1 253	6.8	62	27.4	134	17.7
Charles City	43	4.0	74	2.2	22	4.6	678	.7	9	9.0	17	3.9
Charlotte	237	8.7	238	7.1	257	7.7	1 684	6.7	58	22.1	101	14.5
Chesterfield	72	7.2	92	3.7	38	11.0	1 268	.9	13	13.9	(D)	(D)
Clarke	196	8.3	354	7.3	128	12.4	3 795	2.1	39	31.0	739	6.7
Craig	95	6.9	38	10.4	79	8.3	134	10.1	23	18.4	26	25.2
Culpeper	207	11.1	513	6.0	130	18.3	3 729	6.3	47	29.4	86	30.7
Cumberland	157	10.3	359	1.9	111	15.2	1 994	.8	11	—	116	—
Dickenson	42	12.5	10	26.3	26	18.0	12	50.3	23	19.6	16	32.3
Dinwiddie	165	10.7	240	4.6	128	13.0	1 766	3.8	24	33.2	90	6.1
Essex	72	6.7	65	2.7	47	10.7	818	.6	7	41.0	3	17.9
Fairfax	96	5.7	62	6.4	57	8.7	909	1.0	25	16.1	75	12.0
Fauquier	547	6.0	681	4.5	381	7.7	6 582	2.8	107	18.3	262	6.9
Floyd	379	8.4	178	6.6	187	14.3	1 726	1.5	68	28.8	325	8.9
Fluvanna	75	17.2	62	15.9	106	14.4	406	7.2	23	34.3	52	4.8
Franklin	506	5.9	549	3.8	327	8.3	4 205	.8	81	23.6	164	24.3
Frederick	374	6.0	234	4.9	171	12.6	5 160	1.7	57	22.0	1 809	3.3
Giles	131	14.8	33	19.9	92	18.6	152	10.1	36	30.5	42	16.2
Gloucester	61	7.4	38	5.4	33	6.7	498	.4	15	13.6	7	3.6
Goochland	96	18.2	83	7.7	84	19.4	513	3.5	13	62.9	26	25.7
Grayson	361	8.5	182	5.8	357	8.4	712	6.1	41	29.5	62	13.4
Greene	93	17.7	63	6.7	85	19.0	604	22.4	25	42.7	69	76.1
Greensville	91	13.0	187	2.4	71	20.2	1 275	.4	19	50.5	182	5.6
Halifax	609	5.9	462	4.4	687	5.3	4 412	6.5	77	25.2	275	23.8
Hanover	282	9.2	298	4.9	162	13.2	2 496	2.0	38	32.6	97	11.0
Henrico	80	6.5	94	6.0	48	10.4	1 015	.4	10	27.9	9	16.3
Henry	96	22.7	35	15.0	42	38.9	348	30.4	30	57.4	17	63.7
Highland	183	9.2	107	8.4	74	17.1	320	8.2	20	27.4	21	13.5
Isle of Wight	177	5.9	574	2.1	123	10.8	3 197	1.1	17	.5	236	(L)
James City	31	4.5	62	1.8	21	4.8	428	1.7	3	11.0	(D)	(D)
King and Queen	68	8.2	70	7.9	38	11.1	609	1.3	17	22.6	55	9.6
King George	74	7.7	61	6.2	38	12.9	524	2.2	11	32.1	21	50.3

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)
King William	71	7.4	186	2.3	41	10.9	964	.2	11	24.7	84	2.5
Lancaster	34	5.5	(D)	(D)	21	5.1	150	1.6	5	8.8	(D)	(D)
Lee	586	6.5	126	9.2	544	7.7	739	11.0	114	21.2	109	29.3
Loudoun	620	5.1	576	3.6	436	7.3	5 354	2.7	103	19.3	224	19.3
Louisa	219	9.7	149	12.5	139	14.4	724	4.7	44	26.6	75	51.8
Lunenburg	179	10.3	198	7.2	190	10.6	1 717	7.1	38	40.2	283	28.0
Madison	248	8.7	266	4.8	129	13.5	1 870	6.6	32	27.3	147	12.9
Mathews	34	3.9	65	2.3	24	4.4	657	.3	8	5.6	19	1.2
Mecklenburg	390	6.3	431	4.8	311	8.3	4 727	4.5	35	33.0	93	13.9
Middlesex	52	5.2	56	4.4	31	5.2	339	2.0	9	11.1	30	9.0
Montgomery	290	8.5	194	5.3	202	11.0	1 553	3.8	63	23.3	82	9.9
Nelson	138	15.2	84	8.3	129	14.0	1 076	4.2	53	27.6	103	16.6
New Kent	36	3.7	29	1.6	25	4.8	222	1.1	3	13.2	10	5.2
Northampton	123	4.9	239	1.6	98	6.3	4 782	1.3	36	10.5	978	1.3
Northumberland	70	6.5	53	3.8	56	10.3	464	5.5	5	—	30	—
Nottoway	216	7.1	489	3.1	149	12.2	1 741	2.3	25	38.4	84	10.9
Orange	228	10.0	260	5.2	194	9.4	3 011	1.1	74	24.5	67	23.4
Page	318	7.9	780	1.3	158	13.2	1 190	6.9	69	27.5	86	18.9
Patrick	230	10.3	141	7.9	246	11.7	1 226	4.6	37	28.5	214	29.4
Pittsylvania	805	4.4	858	3.4	738	4.8	6 732	3.3	151	15.6	633	7.7
Powhatan	128	10.0	158	4.8	86	13.8	803	5.5	8	68.8	2	41.4
Prince Edward	147	12.0	247	19.9	135	11.4	1 221	12.1	16	27.7	76	17.3
Prince George	100	6.2	103	6.2	56	10.4	587	1.4	5	—	54	—
Prince William	195	7.4	157	9.9	79	17.3	710	3.2	14	43.7	25	48.9
Pulaski	193	12.6	115	5.7	126	17.1	1 338	8.0	49	30.5	37	20.6
Rappahannock	178	11.5	92	7.8	119	15.2	759	8.3	34	30.7	150	6.9
Richmond	73	7.2	76	2.9	47	10.7	1 164	4.0	14	23.8	82	2.8
Roanoke	134	11.7	176	1.9	86	20.0	1 551	1.2	21	40.7	56	5.1
Rockbridge	318	9.6	184	5.6	173	13.2	1 280	1.4	36	24.4	82	19.2
Rockingham	1 391	2.7	4 109	.4	792	4.8	16 127	.3	109	12.7	947	1.3
Russell	463	7.9	150	10.3	439	8.2	857	7.6	84	20.6	206	19.4
Scott	510	7.5	108	8.5	576	7.1	770	10.2	83	23.9	263	77.0
Shenandoah	497	5.5	680	2.2	306	9.2	3 772	2.3	73	21.3	140	7.5
Smyth	448	7.7	188	6.5	325	9.8	1 035	5.4	117	20.1	198	33.5
Southampton	252	7.0	713	3.3	194	7.0	4 302	2.8	42	17.8	189	6.8
Spotsylvania	171	9.6	146	7.6	88	16.4	608	5.9	3	—	(D)	(D)
Stafford	100	7.4	49	14.4	41	15.6	81	22.6	8	41.7	6	45.9
Surry	75	3.8	366	.8	51	5.6	2 181	.3	8	25.9	33	16.0
Sussex	123	5.7	461	.6	67	6.4	3 509	.3	9	18.1	(D)	(D)
Tazewell	256	8.9	122	10.1	169	11.9	1 035	9.5	62	21.6	33	17.4
Warren	105	18.6	48	15.1	63	33.1	432	14.0	5	—	(D)	(D)
Washington	968	5.0	566	4.2	872	5.4	3 535	2.6	182	16.1	444	15.3
Westmoreland	99	6.5	153	3.5	78	7.1	3 162	1.7	23	14.1	677	1.6
Wise	38	14.3	15	8.5	43	12.5	(D)	(D)	18	23.2	33	32.9
Wythe	373	8.2	324	5.7	287	10.0	2 290	4.1	123	20.3	170	11.5
York	24	5.7	56	1.7	21	6.0	846	.1	5	13.1	(D)	(D)
Chesapeake (IC)	135	8.8	327	3.6	74	16.4	5 319	.2	20	40.1	64	22.7
Suffolk (IC)	207	8.2	392	4.5	120	11.3	4 981	.3	23	1.2	86	.2
Virginia Beach (IC)	94	6.7	195	3.9	71	8.5	1 755	2.0	18	16.9	80	3.4

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)
Virginia	34 281	1.2	102 175	.9	10 686	1.9	16 587	1.8	13 746	1.6	85 120	1.1
Accomack	254	4.2	3 059	3.3	124	11.1	444	5.6	154	8.9	1 835	3.4
Albemarle	649	3.6	2 072	5.3	165	16.4	185	15.3	217	12.0	1 676	10.7
Alleghany	108	5.6	138	7.6	34	14.9	18	19.8	31	15.1	113	10.4
Amelia	267	3.6	1 189	7.0	60	16.1	113	2.9	97	14.5	946	6.0
Amherst	333	6.0	601	19.1	58	26.5	49	37.4	108	21.0	295	37.2
Appomattox	283	5.6	596	10.8	72	22.6	42	15.6	139	13.4	613	20.1
Arlington	2	—	(D)	(D)	—	—	—	—	1	—	(D)	(D)
Augusta	1 191	3.3	4 326	3.0	436	8.9	916	6.6	641	6.3	5 268	4.7
Bath	100	4.0	204	7.4	20	14.7	14	18.9	41	9.8	160	19.2
Bedford	964	3.5	1 485	5.7	326	10.5	217	9.5	319	10.6	1 155	11.7
Bland	311	4.0	421	9.1	76	22.2	46	38.2	61	25.0	247	25.9
Botetourt	420	4.5	899	12.7	116	16.9	180	18.9	173	12.3	1 070	11.3
Brunswick	285	4.4	798	4.2	92	17.8	106	35.2	104	16.9	441	2.8
Buchanan	70	7.3	36	10.0	9	29.8	3	29.8	3	69.5	6	69.5
Buckingham	287	4.8	539	10.4	63	25.1	52	26.6	87	17.2	450	16.5
Campbell	510	3.8	944	5.9	156	13.8	117	23.6	188	13.1	616	12.9
Caroline	101	15.1	497	7.5	62	22.8	197	15.5	59	24.3	508	12.1
Carroll	646	4.4	783	6.5	137	17.1	123	16.8	174	14.3	610	12.5
Charles City	52	4.3	326	1.0	15	7.1	17	5.6	23	4.6	260	.6

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	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)
Charlotte	377	4.1	987	11.9	152	13.0	159	28.9	199	10.3	602	8.2
Chesterfield	112	4.9	369	3.8	16	14.7	(D)	(D)	41	12.9	197	8.9
Clarke	276	5.9	1 315	9.8	78	19.6	228	12.2	106	17.6	1 082	7.3
Craig	138	3.7	221	6.7	30	18.6	21	18.0	42	13.0	166	18.9
Culpeper	380	6.1	1 675	7.3	108	17.2	226	12.6	183	12.9	1 432	9.1
Cumberland	209	6.0	517	2.8	90	17.4	82	30.4	99	16.6	703	8.8
Dickenson	79	6.4	62	20.9	11	28.6	2	31.8	12	28.6	52	41.1
Dinwiddie	284	5.3	998	4.3	118	11.4	267	36.3	120	12.4	646	5.4
Essex	108	3.5	599	2.5	21	17.3	108	7.8	71	6.6	886	2.8
Fairfax	112	5.0	321	8.1	26	16.9	18	7.6	30	14.3	223	11.8
Fauquier	811	2.9	3 109	3.2	240	11.9	362	11.2	263	10.9	2 016	10.6
Floyd	611	4.5	1 112	6.7	153	16.9	187	16.5	210	13.8	820	13.6
Fluvanna	204	7.6	289	8.7	49	26.7	27	19.0	50	27.9	221	31.9
Franklin	801	3.1	2 692	8.2	282	9.6	426	8.0	213	8.6	1 652	5.5
Frederick	460	3.9	1 627	7.3	170	14.6	276	7.4	123	15.8	689	5.7
Giles	263	6.0	316	12.0	60	24.5	29	36.0	79	19.5	199	21.2
Gloucester	95	3.9	291	6.0	12	15.7	46	14.3	36	12.4	215	17.4
Goochland	202	5.9	521	9.4	35	30.3	17	18.7	79	22.6	334	18.3
Grayson	661	3.8	986	8.6	237	10.7	208	15.0	259	10.0	678	9.0
Greene	198	3.3	364	12.3	76	21.2	88	24.2	62	22.8	311	34.7
Greensville	146	4.3	1 126	3.2	88	10.5	248	10.3	70	18.7	467	2.9
Halifax	871	3.6	2 123	6.6	308	10.0	404	17.9	368	9.3	1 571	10.3
Hanover	452	4.8	1 622	7.5	109	15.2	255	16.6	184	13.1	859	6.3
Henrico	127	3.6	285	4.3	17	25.8	45	21.4	38	11.1	225	14.9
Henry	248	5.5	336	10.8	81	28.1	30	37.6	89	26.4	205	26.0
Highland	232	6.9	421	8.6	68	19.0	54	13.3	127	14.7	287	8.6
Isle of Wight	195	4.7	1 906	2.4	135	9.0	547	21.8	114	10.3	1 993	5.2
James City	48	3.9	136	2.0	10	9.0	10	4.9	18	5.0	107	5.8
King and Queen	109	4.7	786	5.4	54	10.1	162	10.2	62	8.2	436	5.1
King George	119	3.2	338	7.7	29	14.2	36	14.1	47	11.3	213	10.7
King William	108	4.8	727	3.5	22	18.3	49	8.7	53	7.4	746	4
Lancaster	59	4.9	200	4.0	21	7.4	50	9.4	41	5.3	185	3.9
Lee	966	3.9	833	10.7	260	12.4	103	14.6	372	10.3	800	17.1
Loudoun	851	2.6	2 925	6.7	238	11.1	395	12.6	244	10.4	1 971	6.0
Louisa	339	4.6	799	9.1	88	20.9	123	36.6	134	14.9	452	18.1
Lunenburg	321	4.8	1 054	19.2	98	23.3	195	13.8	159	14.5	975	9.8
Madison	373	3.8	1 133	5.2	152	13.5	256	10.2	140	13.1	713	6.5
Mathews	47	3.5	166	2.5	12	7.1	72	9	17	5.3	86	2.7
Mecklenburg	470	5.5	1 648	5.0	196	11.8	299	13.0	279	9.7	1 448	7.4
Middlesex	65	4.6	326	3.2	22	6.4	40	3.2	37	5.1	198	6.5
Montgomery	453	4.0	979	6.5	126	16.6	171	23.8	123	15.3	749	10.2
Nelson	249	8.3	461	7.1	87	20.0	141	7.8	84	18.5	284	17.4
New Kent	55	3.5	271	3.7	20	5.4	80	1.3	22	4.3	141	2.9
Northampton	152	2.2	1 450	2.0	88	7.2	536	4.0	96	6.2	1 034	2.1
Northumberland	118	3.4	729	4.3	38	12.2	123	11.3	49	10.7	359	7.7
Nottoway	297	4.2	1 033	6.0	78	19.2	133	24.2	102	13.7	1 085	7.9
Orange	326	6.1	1 402	6.2	133	15.2	187	17.3	187	12.4	853	8.5
Page	437	4.6	1 274	10.7	145	15.9	188	19.3	260	9.7	2 328	2.5
Patrick	453	4.9	759	7.8	105	19.3	90	18.0	175	13.5	538	10.5
Pittsylvania	1 232	2.2	3 148	5.2	364	9.2	496	11.2	515	7.1	2 355	7.4
Powhatan	172	5.7	471	11.7	35	28.7	13	17.7	68	15.4	482	7.7
Prince Edward	252	5.3	774	10.8	96	18.6	80	17.3	134	10.4	568	12.4
Prince George	136	3.3	650	4.4	31	15.5	40	11.3	57	9.0	383	8.8
Prince William	194	5.4	571	18.7	47	30.2	98	16.5	69	20.7	313	16.0
Pulaski	248	8.2	567	7.8	95	18.5	68	27.5	106	19.6	503	9.4
Rappahannock	242	8.1	601	9.4	83	24.0	109	34.2	94	21.6	448	29.4
Richmond	116	4.0	446	4.1	50	10.1	113	7.4	62	8.4	326	4.8
Roanoke	199	8.9	429	5.0	44	27.1	21	20.2	37	32.7	257	11.6
Rockbridge	577	2.7	1 000	4.4	111	17.7	144	11.7	247	10.8	1 227	13.7
Rockingham	1 673	1.7	8 034	1.4	695	4.8	1 274	4.3	857	4.1	9 641	1.5
Russell	772	4.5	1 010	7.9	181	13.9	137	14.2	238	12.4	722	6.3
Scott	1 023	4.0	836	6.6	298	11.8	209	19.5	266	12.2	748	17.8
Shenandoah	664	3.8	1 701	3.7	261	10.5	331	10.4	269	9.5	2 043	6.1
Smyth	646	4.9	1 069	11.3	218	14.4	148	19.6	315	10.4	996	15.1
Southampton	269	5.3	2 715	3.1	170	11.0	817	4.5	206	7.4	2 637	4.3
Spotsylvania	218	5.7	572	5.7	32	30.2	(D)	(D)	55	25.5	374	39.9
Stafford	147	3.5	198	6.7	26	22.5	18	24.3	47	15.4	163	18.5
Surry	102	2.8	1 299	1.0	52	7.2	111	4.0	68	4.7	1 332	1.3
Sussex	145	4.1	1 428	1.1	61	10.4	118	4.5	70	7.0	1 451	1.1
Tazewell	342	7.0	672	10.5	61	21.9	35	18.6	130	15.9	502	12.5
Warren	180	8.0	294	9.7	58	32.2	40	28.9	63	33.7	346	40.8
Washington	1 394	3.3	2 210	4.1	352	12.0	207	11.6	523	8.2	2 003	6.7
Westmoreland	138	3.5	816	1.5	51	10.1	148	4.9	68	8.4	613	4.7
Wise	96	5.7	(D)	(D)	7	35.4	(D)	(D)	29	17.9	65	25.1
Wythe	621	3.7	1 522	11.4	188	13.6	263	11.8	278	10.9	952	10.5
York	46	4.8	189	2.0	1	39.7	(D)	(D)	7	7.4	(D)	(D)
Chesapeake (IC)	179	4.2	1 238	1.4	64	18.8	290	16.5	61	14.9	764	11.2
Suffolk (IC)	245	4.4	1 968	2.0	95	12.5	354	8.7	158	9.3	1 330	5.6
Virginia Beach (IC)	113	4.7	1 120	3.4	46	12.7	208	1.7	61	8.9	734	3.6

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	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)
Virginia.....	9 844	1.8	57 154	.9	40 146	1.1	49 989	1.3	36 948	1.1	169 068	.5
Accomack.....	152	8.0	2 206	5.3	263	2.7	634	11.9	263	2.5	5 936	.5
Albemarle.....	122	15.2	483	6.2	729	2.0	1 604	6.2	681	3.3	3 906	3.0
Alleghany.....	31	15.4	97	3.2	150	2.0	112	5.2	123	4.7	133	7.8
Amelia.....	97	17.0	568	4.7	280	3.2	431	5.6	248	5.4	3 962	2.0
Amherst.....	79	22.3	137	25.2	409	2.0	323	6.2	371	4.5	752	19.8
Appomattox.....	89	20.3	144	13.9	334	3.4	370	8.5	296	5.7	547	10.0
Arlington.....	—	—	—	—	2	—	(D)	(D)	2	—	(D)	(D)
Augusta.....	356	9.4	1 640	3.3	1 434	1.7	1 837	7.1	1 362	2.1	8 495	1.4
Bath.....	19	18.4	36	13.3	117	2.4	126	4.6	109	3.3	218	7.9
Bedford.....	222	12.4	402	10.1	1 129	2.3	786	4.5	1 003	3.2	2 107	4.1
Bland.....	59	28.3	97	34.4	340	1.4	255	6.3	290	5.2	613	9.4
Botetourt.....	102	17.5	334	6.2	508	1.1	466	4.9	454	3.3	1 304	5.5
Brunswick.....	144	14.2	749	3.7	324	2.5	375	7.5	304	3.7	1 203	6.1
Buchanan.....	10	31.4	4	50.4	96	4.5	38	9.0	83	6.2	44	18.0
Buckingham.....	50	22.4	86	5.9	330	1.7	272	5.2	284	4.5	1 953	2.0
Campbell.....	104	18.6	256	13.3	598	2.0	515	6.0	583	2.2	1 510	4.4
Caroline.....	55	19.0	742	18.6	177	1.3	369	23.1	163	6.4	478	7.3
Carroll.....	171	13.0	349	10.8	857	1.8	539	4.9	748	3.3	1 307	8.6
Charles City.....	27	4.2	325	.3	63	4.3	204	1.7	57	4.3	287	.9
Charlotte.....	132	14.1	444	8.5	434	2.1	445	3.9	371	3.8	1 003	6.0
Chesterfield.....	46	11.0	187	2.8	133	3.1	198	5.5	126	3.9	532	1.6
Clarke.....	103	18.6	526	7.1	295	3.3	839	15.2	286	4.9	2 149	2.2
Craig.....	43	13.6	90	15.3	168	1.9	192	9.3	157	2.7	226	7.4
Culpeper.....	102	17.7	714	17.0	444	2.9	790	6.2	415	4.3	2 125	6.2
Cumberland.....	62	22.4	164	23.8	236	1.5	269	5.4	196	6.7	2 825	.7
Dickenson.....	10	34.3	3	22.6	102	3.6	44	8.8	81	4.9	54	19.5
Dinwiddie.....	150	10.4	938	1.6	339	1.8	399	10.7	297	3.5	1 361	1.7
Essex.....	69	6.7	1 249	1.7	110	3.4	284	5.2	106	4.2	696	1.2
Fairfax.....	23	17.9	57	14.5	134	3.0	296	14.9	140	2.8	644	2.9
Fauquier.....	186	12.0	1 361	2.4	888	1.7	2 597	4.2	843	2.3	3 576	1.9
Floyd.....	139	15.6	400	8.1	748	1.4	683	4.8	639	3.7	1 760	4.2
Fluvanna.....	38	32.3	43	30.0	255	2.9	229	7.9	233	5.4	480	5.7
Franklin.....	262	10.4	818	6.4	893	1.7	700	4.7	802	2.9	3 992	3.0
Frederick.....	107	17.7	376	10.1	471	3.8	597	11.8	458	4.3	2 445	3.3
Giles.....	52	22.8	61	22.2	304	3.9	221	9.4	303	4.0	340	13.0
Gloucester.....	47	8.3	311	6.6	108	2.0	172	4.6	96	3.1	323	4.3
Goochland.....	53	28.5	170	6.2	223	4.0	286	9.9	218	4.4	515	5.3
Grayson.....	158	13.9	368	12.2	845	1.7	646	4.5	719	3.2	1 250	6.5
Greene.....	14	49.0	39	15.7	207	1.5	301	17.2	190	4.9	428	13.3
Greensville.....	94	2.1	1 041	2.6	156	1.9	260	4.9	156	1.9	976	7.8
Halifax.....	342	9.1	1 328	11.1	977	2.5	712	6.1	939	2.7	2 264	4.3
Hanover.....	129	13.2	852	6.8	539	1.5	661	4.8	477	4.0	1 856	2.7
Henrico.....	35	15.9	149	17.4	143	2.8	238	4.9	125	4.2	990	.5
Henry.....	63	33.9	122	49.4	263	5.5	177	18.8	263	3.4	410	17.9
Highland.....	55	23.5	133	9.2	288	1.6	305	7.2	278	4.3	632	6.5
Isle of Wight.....	116	10.2	2 171	5.6	200	3.4	523	4.1	203	3.2	2 583	2.3
James City.....	18	5.0	76	1.0	56	3.8	151	2.0	54	3.7	216	1.4
King and Queen.....	47	9.5	968	1.4	134	2.1	251	6.1	120	3.8	421	2.9
King George.....	39	11.0	302	4.9	123	3.0	134	8.1	110	3.8	200	10.0
King William.....	65	8.5	911	3.7	116	3.2	313	5.0	125	2.2	779	1.0
Lancaster.....	36	6.3	178	3.3	66	4.2	63	3.9	64	4.6	165	3.3
Lee.....	197	15.8	364	21.3	1 228	2.7	759	6.0	1 019	3.5	933	6.8
Loudoun.....	131	14.7	1 033	2.4	893	1.8	3 322	9.1	869	2.3	3 788	3.8
Louisa.....	95	17.8	210	13.4	371	2.3	352	5.2	328	5.0	1 466	2.7
Lunenburg.....	91	22.1	356	6.6	353	2.6	418	8.4	301	4.9	887	5.9
Madison.....	92	13.7	564	3.2	425	2.6	831	7.8	399	4.0	1 934	1.9
Mathews.....	22	4.8	52	7.9	57	3.2	66	4.8	54	3.2	360	.7
Mecklenburg.....	188	12.1	1 436	12.1	608	2.9	378	4.0	577	3.5	2 180	4.9
Middlesex.....	33	5.5	189	3.3	73	4.5	120	4.0	70	4.5	250	2.3
Montgomery.....	114	12.9	341	12.9	515	2.3	567	14.4	461	4.3	1 260	3.9
Nelson.....	120	13.5	118	12.0	327	4.2	353	8.6	303	5.7	665	5.8
New Kent.....	31	4.1	347	1.1	63	3.5	121	2.8	59	3.6	191	2.6
Northampton.....	98	6.2	1 478	1.2	143	3.3	447	4.2	158	2.1	2 341	.6
Northumberland.....	81	6.7	1 017	2.4	118	2.8	201	7.9	115	3.6	450	4.6
Nottoway.....	49	19.8	205	5.0	307	3.4	391	5.9	289	4.8	2 826	1.1
Orange.....	90	20.6	295	18.0	390	3.4	713	6.4	371	3.5	2 648	15.2
Page.....	104	17.1	255	8.4	512	1.8	483	6.0	492	2.5	5 487	1.7
Patrick.....	140	14.8	220	8.4	522	3.2	333	6.2	503	3.8	1 233	14.0
Pittsylvania.....	330	8.9	2 971	4.8	1 282	2.1	892	5.8	1 231	2.2	4 207	5.4
Powhatan.....	33	27.3	58	10.8	181	4.0	286	5.2	170	5.7	731	3.1
Prince Edward.....	95	12.8	256	17.4	292	2.9	279	7.2	259	5.5	1 129	4.2
Prince George.....	60	9.2	461	5.5	141	2.7	225	4.2	138	3.2	516	6.0
Prince William.....	60	24.9	325	19.7	221	6.1	555	12.5	231	4.7	848	14.9
Pulaski.....	72	23.9	177	11.3	338	3.7	331	6.5	332	3.3	1 040	3.6
Rappahannock.....	58	28.4	121	10.7	302	3.4	554	10.7	280	4.2	554	9.7
Richmond.....	61	8.8	679	3.5	125	2.6	272	3.5	119	3.0	861	2.9
Roanoke.....	47	29.4	40	18.6	237	5.7	265	9.7	218	7.7	543	3.5
Rockbridge.....	176	12.0	530	12.0	642	1.2	628	6.5	592	2.7	1 305	6.0
Rockingham.....	498	5.6	3 093	2.3	1 804	1.1	3 375	2.9	1 757	1.5	25 078	.5

See footnotes at end of table.

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

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

Geographic area	Farm production expenses ¹ —Con.											
	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)
Russell	133	15.7	293	13.2	1 039	2.5	685	5.5	941	3.2	1 251	8.6
Scott	111	20.7	54	16.8	1 416	2.3	779	7.7	1 200	3.2	1 073	7.0
Shenandoah	176	12.7	531	5.3	826	1.1	1 120	3.7	751	2.5	3 365	2.4
Smyth	133	12.9	468	7.0	797	2.2	462	5.4	763	3.0	1 841	3.5
Southampton	181	6.1	3 242	1.2	308	2.8	921	9.9	314	2.3	3 863	.7
Spotsylvania	86	18.0	200	23.3	242	4.0	314	10.9	226	4.9	759	7.7
Stafford	15	29.7	47	18.5	165	1.9	228	6.6	146	3.9	157	6.2
Surry	63	5.9	1 252	1.4	103	3.0	268	3.1	106	2.4	1 019	1.6
Sussex	89	5.7	1 454	1.5	153	2.1	356	2.1	147	4.0	1 595	2.4
Tazewell	140	14.3	381	10.3	468	2.9	370	10.0	406	4.3	1 148	7.2
Warren	42	49.3	90	55.8	195	5.2	165	16.7	176	10.6	331	22.1
Washington	329	10.7	894	9.4	1 838	1.9	1 239	4.7	1 554	2.9	3 386	2.2
Westmoreland	86	7.0	715	1.7	152	2.4	262	3.2	149	2.9	1 443	1.1
Wise	21	22.7	23	50.6	113	3.9	(D)	(D)	101	5.0	(D)	(D)
Wythe	114	19.1	323	18.5	703	2.1	612	8.6	655	3.0	1 919	5.2
York	6	12.1	20	7.5	50	4.8	69	4.3	42	5.1	275	.9
Chesapeake (IC)	44	16.1	1 084	5.2	183	1.5	520	15.7	172	5.4	1 791	1.2
Suffolk (IC)	132	13.3	2 376	5.7	248	3.4	494	8.9	259	2.6	3 684	2.7
Virginia Beach (IC)	53	8.8	1 309	3.6	139	3.0	316	3.8	131	3.7	1 403	3.3
	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)
Virginia	42 230	1.1	334 280	1.1	38 779	1.0	4 311 840	.8	34 255	1.0	2 449 013	.6
Accomack	279	1.1	14 032	1.1	239	1.0	72 423	.6	230	1.1	69 420	.7
Albemarle	757	1.5	(D)	(D)	677	1.2	87 872	1.1	516	1.3	39 675	1.0
Alleghany	150	2.0	(D)	(D)	141	1.2	8 993	2.1	120	1.6	3 139	2.0
Amelia	292	1.1	5 934	5.2	273	.9	35 719	1.1	236	1.1	21 464	1.2
Amherst	417	1.3	(D)	(D)	374	1.2	35 261	1.9	303	1.4	13 293	2.0
Appomattox	352	1.3	(D)	(D)	333	1.2	42 079	1.7	298	1.4	19 270	1.3
Arlington	2	(D)	(D)	(D)	2	(D)	(D)	(D)	2	(D)	(D)	(D)
Augusta	1 513	.9	13 410	4.8	1 288	.8	142 029	.7	1 100	.8	78 525	.6
Bath	119	1.9	(D)	(D)	113	1.2	15 031	1.2	91	1.6	6 103	1.3
Bedford	1 227	1.1	2 990	16.3	1 129	1.0	103 238	1.0	996	1.0	49 258	.9
Bland	341	1.4	1 543	35.8	314	1.2	24 310	1.5	283	1.3	10 249	1.5
Botetourt	512	1.0	744	42.7	461	.8	41 373	1.3	405	.9	18 689	1.3
Brunswick	337	1.7	3 738	5.2	324	1.4	35 411	1.2	301	1.4	18 902	1.1
Buchanan	102	3.3	236	15.3	94	2.4	2 425	3.8	88	2.6	733	5.0
Buckingham	335	1.4	1 931	11.3	316	1.0	31 929	1.5	271	1.2	14 459	1.6
Campbell	613	1.3	3 093	11.7	585	1.0	64 917	1.1	519	1.1	31 178	1.4
Caroline	181	1.3	1 530	14.9	174	.9	35 707	.8	158	1.2	29 631	.8
Carroll	884	1.1	3 884	12.8	804	1.1	61 623	1.2	696	1.2	24 435	1.2
Charles City	66	4.2	1 154	1.2	63	2.1	18 101	.8	50	2.8	16 605	.9
Charlotte	450	1.5	4 065	10.3	437	1.4	50 211	1.5	403	1.5	19 138	1.7
Chesterfield	145	2.1	1 651	3.1	131	1.2	8 920	2.3	109	1.6	5 569	2.1
Clarke	319	1.1	(D)	(D)	275	1.1	43 603	1.1	218	1.3	24 571	1.1
Craig	170	1.9	241	35.9	157	.8	17 580	1.9	143	1.0	7 533	2.7
Culpeper	471	1.2	3 258	21.7	438	1.0	72 564	1.2	365	1.2	44 440	1.0
Cumberland	238	1.5	5 259	2.7	218	.9	30 531	1.1	187	1.1	12 321	1.4
Dickenson	104	3.4	71	56.8	100	2.2	(D)	(D)	88	2.6	(D)	(D)
Dinwiddie	345	1.3	4 861	10.8	320	1.3	39 453	1.1	285	1.4	26 967	.9
Essex	121	2.1	1 341	5.7	116	1.6	38 648	.8	102	1.9	34 612	.8
Fairfax	151	2.1	(D)	(D)	116	2.0	4 979	3.7	79	2.8	1 675	4.2
Fauquier	924	1.1	(D)	(D)	808	1.0	119 595	.8	620	1.2	69 265	.7
Floyd	761	1.0	3 825	9.3	709	.7	58 120	1.0	649	.8	25 619	1.0
Fluvanna	263	1.1	(D)	(D)	239	.9	23 572	1.8	196	1.2	11 337	1.9
Franklin	935	1.2	8 026	8.8	884	1.0	82 657	.8	797	1.0	43 391	.8
Frederick	537	.9	3 234	16.2	495	.8	58 494	.9	418	1.0	34 585	.9
Giles	332	1.5	688	37.3	302	1.3	30 476	1.9	263	1.4	8 063	1.7
Gloucester	110	2.0	1 154	6.5	107	1.0	17 925	1.6	92	1.4	16 401	1.5
Goochland	232	1.9	(D)	(D)	203	1.4	27 288	1.3	169	1.7	15 817	1.3
Grayson	870	1.1	3 890	10.5	796	1.0	65 672	1.1	712	1.0	21 588	1.0
Greene	207	1.5	(D)	(D)	190	1.3	18 143	2.2	164	1.6	8 474	3.2
Greensville	156	1.9	2 818	7.8	142	1.5	32 494	.9	125	1.9	25 482	.8
Halifax	1 042	1.5	10 953	6.2	1 016	1.5	95 381	1.1	937	1.5	36 971	1.0
Hanover	549	1.2	2 887	11.8	490	1.1	61 063	.7	428	1.2	47 097	.7
Henrico	149	2.5	1 840	7.5	136	1.8	14 468	1.9	120	2.0	10 057	1.8
Henry	286	1.8	(D)	(D)	255	1.8	25 518	3.4	199	2.1	9 365	2.5
Highland	298	1.1	1 781	10.7	257	1.1	32 761	1.7	213	1.3	9 438	2.2
Isle of Wight	212	.9	8 139	2.6	197	.9	59 877	.3	184	1.0	53 206	.3
James City	61	3.5	361	3.7	56	1.6	4 973	1.2	47	2.3	4 215	.9
King and Queen	135	2.1	1 003	7.4	132	1.1	37 132	.8	124	1.3	33 598	.9
King George	128	2.2	1 718	5.4	125	1.0	22 453	1.2	118	1.1	17 767	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	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)
King William	126	2.2	1 889	3.9	117	1.7	40 228	.8	103	2.0	36 189	.8
Lancaster	71	4.6	300	6.0	68	2.6	13 713	1.5	63	2.6	11 882	1.6
Lee	1 287	1.7	4 963	8.7	1 240	1.7	61 161	1.6	1 159	1.8	20 275	1.6
Loudoun	942	1.1	(D)	(D)	836	1.1	124 982	.9	667	1.1	69 572	.8
Louisa	384	1.4	(D)	(D)	336	1.4	39 794	1.3	294	1.5	21 646	1.3
Lunenburg	362	1.2	2 298	17.5	345	1.2	35 625	1.2	312	1.3	13 987	1.2
Madison	440	1.0	2 057	12.1	377	.7	51 154	.9	334	.9	28 844	.9
Mathews	61	3.1	(D)	(D)	59	.9	4 761	3.6	55	1.2	3 958	4.3
Mecklenburg	645	1.4	8 009	6.4	619	1.2	83 035	.9	558	1.3	35 407	.9
Middlesex	81	4.3	732	3.3	79	2.2	14 582	1.7	76	2.3	12 336	1.8
Montgomery	538	1.0	2 182	16.9	481	1.0	46 786	1.1	421	1.1	20 482	.8
Nelson	358	1.5	371	63.7	328	1.4	32 513	1.9	270	1.6	12 947	2.0
New Kent	67	3.5	642	3.3	64	1.5	12 857	1.0	59	1.9	11 489	.9
Northampton	161	1.6	5 297	2.6	160	1.3	44 627	.5	157	1.4	41 617	.5
Northumberland	127	2.2	1 071	9.0	124	1.3	33 745	1.2	119	1.4	30 066	.9
Nottoway	324	1.7	3 797	7.6	312	1.3	30 762	1.7	281	1.4	13 830	1.5
Orange	420	1.4	915	51.2	384	1.5	60 007	1.3	327	1.5	31 888	1.2
Page	522	1.1	10 837	2.7	433	1.0	36 964	1.3	364	1.2	18 506	1.3
Patrick	557	1.6	1 783	11.4	533	1.4	33 668	1.4	484	1.4	14 833	1.2
Pittsylvania	1 389	1.1	18 102	5.9	1 321	1.0	131 438	.8	1 202	1.0	59 095	.8
Powhatan	195	1.4	1 028	28.8	177	1.4	19 337	1.8	152	1.7	12 312	1.9
Prince Edward	304	1.5	967	26.6	293	1.2	33 794	1.1	261	1.3	15 175	1.0
Prince George	149	2.0	1 251	9.6	142	.7	28 291	.9	127	1.0	22 057	.9
Prince William	259	1.4	(D)	(D)	227	1.3	21 903	2.1	182	1.7	12 565	2.0
Pulaski	363	1.3	2 669	7.9	330	1.3	35 645	1.5	283	1.4	16 520	1.1
Rappahannock	312	1.1	325	88.3	283	1.0	35 804	1.3	231	1.3	17 515	1.3
Richmond	130	2.2	1 979	5.6	124	1.8	28 301	1.5	121	1.8	25 614	1.6
Roanoke	272	1.2	2 094	4.6	239	1.3	11 856	2.6	196	1.5	5 179	2.6
Rockbridge	643	1.2	1 724	33.1	564	1.2	61 295	1.3	468	1.3	25 887	1.1
Rockingham	1 863	.8	58 515	1.4	1 567	.7	148 539	.5	1 349	.7	85 802	.4
Russell	1 103	1.9	7 196	10.8	1 047	1.8	55 610	1.8	993	1.8	20 095	1.7
Scott	1 540	1.5	7 243	5.8	1 495	1.4	54 855	1.6	1 428	1.4	19 767	1.7
Shenandoah	833	1.0	5 327	5.8	742	.8	73 314	.9	641	.9	39 087	.9
Smyth	839	1.4	3 671	11.7	798	1.2	55 442	1.0	747	1.2	21 918	.8
Southampton	329	1.2	12 539	4.0	301	.9	107 187	.3	283	.9	91 366	.3
Spotsylvania	256	1.5	(D)	(D)	233	1.3	25 638	1.3	209	1.4	15 502	1.6
Stafford	166	1.9	(D)	(D)	151	1.0	10 942	1.8	131	1.3	6 939	1.7
Surry	110	1.9	1 857	3.0	105	1.4	32 501	.4	103	1.5	29 195	.4
Sussex	160	1.8	4 936	3.1	143	1.3	50 096	.5	131	1.4	40 157	.4
Tazewell	494	1.4	2 789	13.6	434	1.3	44 320	1.4	365	1.4	17 270	1.1
Warren	207	1.6	(D)	(D)	185	1.5	21 280	2.4	158	1.8	9 592	2.7
Washington	1 985	1.3	12 616	3.9	1 911	1.2	94 312	1.1	1 811	1.2	37 786	.9
Westmoreland	159	1.7	2 506	4.3	154	1.2	38 348	.8	151	1.3	33 890	.8
Wise	122	3.1	(D)	(D)	106	2.7	6 794	4.1	91	3.0	2 142	5.1
Wythe	725	1.3	4 353	16.8	661	1.0	75 075	1.0	592	1.0	33 940	.9
York	55	4.6	(D)	(D)	51	2.3	1 369	7.1	43	3.0	994	8.9
Chesapeake (IC)	189	1.4	2 746	7.0	173	1.3	47 754	.5	151	1.5	43 836	.5
Suffolk (IC)	269	1.0	6 570	2.5	241	1.1	64 100	.5	212	1.3	58 554	.5
Virginia Beach (IC)	157	1.9	3 220	5.0	135	1.4	38 926	.5	123	1.6	34 870	.4
	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)
Virginia	2 312	.9	61 759	.4	27 638	1.0	1 653 191	.8	22 519	1.0	674 068	1.0
Accomack	56	2.6	7 889	.3	23	5.2	727	5.0	23	5.2	(D)	(D)
Albemarle	38	4.1	355	7.1	484	1.4	33 608	1.2	418	1.5	17 165	1.3
Alleghany	1	29.5	(D)	(D)	116	1.8	3 575	1.9	87	2.4	(D)	(D)
Amelia	24	4.0	582	2.5	186	1.4	13 299	1.3	154	1.7	4 659	1.9
Amherst	8	9.5	30	20.4	329	1.3	18 253	1.7	290	1.5	9 521	1.8
Appomattox	12	9.4	79	5.7	280	1.5	18 024	1.8	251	1.6	9 033	2.2
Arlington	2	-	(D)	(D)	-	-	-	-	-	-	-	-
Augusta	38	3.6	1 608	2.4	1 218	.8	105 262	.6	840	1.0	32 365	1.0
Bath	-	-	-	-	95	1.6	5 532	1.6	79	2.0	2 807	1.5
Bedford	25	5.7	184	7.0	1 041	1.0	55 814	.9	926	1.1	26 957	1.2
Bland	1	31.8	(D)	(D)	290	1.3	14 361	1.4	229	1.6	5 855	2.0
Botetourt	14	6.4	286	3.5	408	1.0	24 284	1.1	346	1.1	9 068	1.6
Brunswick	74	2.8	1 660	1.3	168	2.0	9 424	1.9	150	2.2	4 044	2.2
Buchanan	1	46.3	(D)	(D)	56	3.9	803	5.3	42	4.7	435	6.4
Buckingham	9	9.1	72	12.4	255	1.3	14 841	1.7	232	1.4	7 592	1.6
Campbell	53	3.4	654	2.6	442	1.2	26 942	1.0	392	1.3	12 773	1.2
Caroline	9	6.3	724	.5	83	2.3	4 259	2.5	72	2.5	(D)	(D)
Carroll	26	5.0	445	1.6	694	1.2	33 200	1.2	534	1.4	12 542	1.5
Charles City	6	12.7	(D)	(D)	24	5.9	1 059	5.3	23	6.1	(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	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)
Charlotte	92	3.3	1 313	2.6	259	1.9	16 053	1.9	208	2.2	6 813	2.4
Chesterfield	19	3.8	373	.8	57	3.0	1 175	3.9	52	3.2	(D)	(D)
Clarke	9	7.7	106	3.4	212	1.4	18 847	1.5	175	1.6	7 641	2.0
Craig	6	8.1	(D)	(D)	138	1.1	8 185	1.6	126	1.3	4 781	1.7
Culpeper	14	5.4	351	1.4	344	1.3	32 625	1.1	294	1.4	11 823	1.4
Cumberland	7	9.0	171	4.0	171	1.3	13 757	1.4	153	1.5	6 794	1.6
Dickenson	—	—	—	—	84	2.7	1 449	4.8	72	3.1	923	5.3
Dinwiddie	63	3.0	1 447	1.7	139	2.3	7 599	2.5	125	2.5	3 093	2.8
Essex	9	5.9	534	.4	22	5.7	843	6.6	17	6.4	(D)	(D)
Fairfax	20	5.8	46	7.5	43	4.5	1 515	4.1	36	5.0	(D)	(D)
Fauquier	27	4.5	598	5.3	575	1.2	61 860	.6	448	1.4	24 532	.9
Floyd	18	5.8	161	4.8	610	.8	34 556	.9	508	1.0	13 663	1.2
Fluvanna	10	6.8	49	13.3	179	1.3	10 158	1.7	159	1.5	4 332	2.2
Franklin	99	2.5	1 223	3.0	732	1.1	48 206	.8	567	1.3	13 737	1.7
Frederick	23	4.6	112	6.3	352	1.1	19 078	1.2	301	1.3	9 287	1.4
Giles	5	13.8	22	14.9	277	1.5	12 425	1.5	249	1.6	6 178	1.7
Gloucester	10	6.5	53	1.5	31	4.2	699	5.8	25	4.9	(D)	(D)
Goochland	5	15.1	17	31.9	163	1.8	8 303	2.2	150	1.9	4 174	2.4
Grayson	10	8.7	13	11.3	654	1.1	33 846	.9	487	1.2	12 942	1.3
Greene	6	11.4	(D)	(D)	160	1.7	8 804	1.8	139	1.9	4 209	2.4
Greensville	20	5.7	864	8.0	60	3.5	1 799	4.5	56	3.7	1 024	4.6
Halifax	146	2.1	2 482	1.5	498	1.7	20 568	1.4	460	1.7	11 565	1.5
Hanover	48	2.7	1 960	.7	277	1.5	14 770	1.2	233	1.7	5 644	1.5
Henrico	16	4.7	49	6.0	59	3.6	1 734	3.6	54	3.8	(D)	(D)
Henry	11	5.4	464	2.3	200	2.1	7 469	3.6	182	2.2	3 749	4.0
Highland	—	—	—	—	221	1.3	12 165	1.5	169	1.6	(D)	(D)
Isle of Wight	13	4.4	767	1.3	70	1.9	5 052	1.1	64	2.0	2 655	1.1
James City	12	5.7	82	7.8	16	5.9	906	2.4	9	9.0	(D)	(D)
King and Queen	7	8.0	189	7.4	36	3.9	1 119	3.6	31	4.4	(D)	(D)
King George	10	3.5	1 317	.3	46	3.1	2 529	3.7	44	3.2	(D)	(D)
King William	8	—	1 556	—	46	3.8	3 622	1.2	30	—	629	3.4
Lancaster	2	22.6	(D)	(D)	13	7.8	478	5.2	7	11.5	124	8.1
Lee	18	8.5	50	17.1	816	1.8	28 782	1.6	703	1.8	14 696	1.7
Loudoun	39	3.7	848	3.8	504	1.4	34 018	1.3	403	1.5	15 945	1.7
Louisa	7	10.5	13	9.9	283	1.5	18 761	1.5	256	1.6	8 762	1.5
Lunenburg	53	3.1	1 382	1.1	213	1.6	10 270	1.7	193	1.7	5 828	1.7
Madison	4	5.8	(D)	(D)	354	.8	33 185	.8	299	1.0	13 529	1.1
Mathews	8	7.9	123	2.3	17	5.6	308	9.4	14	6.6	168	9.5
Mecklenburg	173	1.8	3 787	.9	412	1.5	26 059	1.2	376	1.6	12 933	1.4
Middlesex	4	12.1	(D)	(D)	23	5.9	1 425	6.4	18	7.2	(D)	(D)
Montgomery	12	6.6	133	5.5	432	1.1	26 991	.8	339	1.3	9 963	1.1
Nelson	17	6.0	229	.7	267	1.6	14 056	2.1	233	1.8	7 567	2.2
New Kent	3	13.7	(D)	(D)	21	5.7	422	7.1	18	6.0	(D)	(D)
Northampton	60	2.2	6 688	.2	7	9.2	235	2.7	5	12.8	27	13.4
Northumberland	6	4.5	(D)	(D)	20	6.5	682	7.1	11	10.3	(D)	(D)
Nottoway	20	4.1	382	1.1	225	1.7	13 578	1.7	192	1.9	5 303	2.3
Orange	9	4.9	247	.5	315	1.7	28 891	1.3	273	1.9	10 881	1.8
Page	9	8.1	34	10.3	381	1.1	24 617	1.4	321	1.3	10 177	1.6
Patrick	19	5.7	226	4.1	358	1.7	14 617	1.6	316	1.8	6 476	2.0
Pittsylvania	285	1.4	5 651	.9	812	1.2	36 387	1.1	717	1.3	17 318	1.4
Powhatan	12	8.0	33	7.1	128	1.9	9 387	1.3	101	2.3	3 341	2.3
Prince Edward	10	7.4	117	2.2	178	1.6	13 319	1.2	159	1.7	5 739	1.6
Prince George	3	9.8	(D)	(D)	58	2.5	2 029	3.5	52	2.8	(D)	(D)
Prince William	9	7.5	56	3.2	149	2.1	7 153	2.2	111	2.6	2 615	3.4
Pulaski	5	4.6	9	5.2	293	1.3	22 929	1.0	235	1.5	9 346	1.4
Rappahannock	9	8.7	142	1.7	218	1.3	16 602	1.4	187	1.5	9 288	1.4
Richmond	8	10.7	121	1.4	31	5.3	1 284	3.2	29	5.5	(D)	(D)
Roanoke	25	3.4	125	3.9	169	1.8	5 446	2.0	138	2.1	2 479	2.4
Rockbridge	11	6.0	168	5.0	531	1.3	36 946	1.0	452	1.4	17 290	1.2
Rockingham	63	2.6	2 182	.8	1 413	.7	112 921	.4	813	1.0	24 188	.9
Russell	20	7.8	95	13.2	855	1.8	43 762	1.6	720	2.0	21 241	1.8
Scott	24	6.5	110	8.4	949	1.5	25 480	1.8	781	1.6	12 200	1.8
Shenandoah	20	5.0	618	3.6	623	1.0	34 924	.9	483	1.2	13 011	1.3
Smyth	9	9.9	56	10.8	580	1.2	33 516	1.0	431	1.4	13 640	1.2
Southampton	11	3.3	987	(L)	122	1.6	7 644	1.3	105	1.7	(D)	(D)
Spotsylvania	5	15.3	(D)	(D)	151	1.9	11 015	1.4	135	2.1	4 271	1.8
Stafford	5	9.3	14	17.0	92	1.9	3 372	2.2	84	2.1	(D)	(D)
Surry	9	6.8	991	.1	28	3.4	1 476	1.6	19	4.3	(D)	(D)
Sussex	13	3.8	980	(L)	39	4.4	1 770	4.1	39	4.4	1 139	4.5
Tazewell	3	19.5	4	19.4	405	1.4	31 467	1.0	293	1.7	11 972	1.3
Warren	2	18.6	(D)	(D)	152	1.9	8 467	2.9	121	2.3	3 831	3.5
Washington	30	5.5	92	12.2	1 235	1.2	62 248	.9	980	1.3	22 558	1.2
Westmoreland	23	4.5	1 046	.8	38	3.5	2 990	1.8	29	3.8	(D)	(D)
Wise	2	—	(D)	(D)	83	3.1	2 007	2.4	74	3.4	903	3.0
Wythe	16	5.6	286	5.5	609	1.0	40 685	.9	457	1.2	13 918	1.5
York	6	9.3	22	5.5	9	10.7	272	6.1	7	13.0	50	13.5
Chesapeake (IC)	24	4.6	182	4.3	38	4.4	2 643	1.0	27	5.5	404	3.4
Suffolk (IC)	22	5.0	563	.7	51	2.8	2 379	1.2	40	3.2	(D)	(D)
Virginia Beach (IC)	25	4.0	247	3.0	15	8.3	313	8.3	12	9.3	180	7.5

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	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)
Virginia	2 369	.7	140 033	.2	2 085	1.1	412 736	.3	1 727	1.1	117 714	1.1
Accomack	2	–	(D)	(D)	8	8.2	2 574	1.7	2	19.2	(D)	(D)
Albemarle	24	4.8	1 154	.3	15	7.2	548	7.8	40	4.7	3 737	4.6
Alleghany	1	–	(D)	(D)	4	14.7	41	17.0	6	11.1	95	12.7
Amelia	22	3.2	2 377	.5	24	5.5	348	12.1	3	17.0	300	18.3
Amherst	9	10.2	217	2.7	13	8.2	158	19.7	7	11.5	330	5.2
Appomattox	19	3.6	1 121	.7	10	10.7	175	13.4	6	14.3	431	20.9
Arlington	–	–	–	–	–	–	–	–	–	–	–	–
Augusta	145	1.2	12 056	.3	97	2.5	4 050	3.5	181	2.1	12 288	2.8
Bath	7	9.7	19	11.4	7	9.4	43	11.5	15	5.9	1 163	8.5
Bedford	64	2.4	4 213	.7	36	4.9	860	6.4	28	5.2	871	7.3
Bland	33	3.7	1 080	1.6	16	8.1	118	11.7	30	4.8	1 154	4.2
Botetourt	33	3.6	2 021	1.5	19	6.3	940	8.4	11	8.2	694	3.9
Brunswick	11	5.0	1 019	.3	33	3.7	5 390	.6	12	9.5	265	18.4
Buchanan	10	12.2	31	14.2	10	12.0	24	13.5	2	28.8	(D)	(D)
Buckingham	9	8.4	361	.9	21	5.3	2 104	3.9	11	7.8	693	8.7
Campbell	31	3.9	1 412	1.6	20	6.5	923	1.4	14	8.2	553	6.3
Caroline	3	9.2	(D)	(D)	11	7.8	446	9.8	3	15.6	76	16.3
Carroll	61	2.9	2 033	1.7	10	8.9	44	8.2	17	6.9	496	7.2
Charles City	2	15.7	(D)	(D)	5	12.8	(D)	(D)	2	23.2	(D)	(D)
Charlotte	29	4.6	1 429	1.7	16	8.2	1 270	4.0	4	18.1	378	22.8
Chesterfield	2	18.6	(D)	(D)	12	6.7	444	3.9	6	12.3	282	14.1
Clarke	27	3.3	2 028	1.0	21	6.0	1 211	5.0	38	4.5	2 527	7.2
Craig	8	8.5	164	7.1	11	7.7	257	14.1	10	7.9	581	8.6
Culpeper	29	3.0	3 364	.3	24	5.7	1 304	2.4	26	5.6	957	7.9
Cumberland	10	6.2	961	1.9	19	6.3	992	4.0	9	8.3	861	1.2
Dickenson	13	8.4	25	10.8	7	13.2	56	18.7	3	21.2	85	21.1
Dinwiddie	12	5.0	840	.9	28	5.4	6 746	.9	7	12.9	629	8.4
Essex	1	–	(D)	(D)	13	8.0	1 943	1.7	4	17.9	80	26.8
Fairfax	4	14.0	(D)	(D)	7	12.8	110	18.4	4	21.1	(D)	(D)
Fauquier	68	2.4	6 380	.7	47	4.1	849	3.8	34	4.5	2 503	2.0
Floyd	62	2.8	2 495	1.3	13	7.8	88	12.3	17	7.1	760	7.8
Fluvanna	7	11.6	24	15.5	10	10.7	266	15.1	10	8.3	364	6.5
Franklin	131	1.2	12 109	.3	25	5.9	694	13.9	9	10.3	112	14.0
Frederick	23	4.5	758	.5	37	4.4	1 612	5.7	29	5.2	875	7.1
Giles	12	9.1	46	14.7	4	14.0	12	13.2	18	6.1	823	6.4
Gloucester	1	–	(D)	(D)	9	8.1	122	16.6	6	10.3	161	9.1
Goochland	7	9.3	465	.9	14	7.9	366	10.9	4	17.8	110	21.3
Grayson	58	2.6	2 299	1.4	12	8.4	293	19.6	32	4.7	1 184	5.3
Greene	10	6.5	622	.8	8	12.4	997	8.4	15	8.5	835	11.7
Greensville	4	19.1	22	20.5	33	4.6	19 553	1.0	–	–	–	–
Halifax	26	6.0	473	2.8	70	3.8	3 725	1.2	10	8.6	292	10.3
Hanover	15	3.2	1 345	.2	26	5.7	2 280	7.1	17	6.4	999	13.1
Henrico	2	26.6	(D)	(D)	2	27.7	(D)	(D)	1	35.9	(D)	(D)
Henry	6	15.8	14	19.0	11	8.4	1 721	.9	3	25.6	(D)	(D)
Highland	9	7.3	(D)	(D)	8	11.2	63	11.7	136	1.9	9 415	2.4
Isle of Wight	–	–	–	–	35	2.4	62 135	(L)	3	9.0	(D)	(D)
James City	4	11.7	(D)	(D)	6	9.9	615	3.0	3	18.6	(D)	(D)
King and Queen	4	16.7	(D)	(D)	16	7.2	4 514	7.2	2	14.0	(D)	(D)
King George	1	–	(D)	(D)	5	13.8	42	18.8	5	7.7	209	8.7
King William	6	–	1 071	–	9	11.3	267	14.2	3	20.2	40	20.6
Lancaster	3	15.1	20	13.6	3	16.7	4	12.5	3	15.1	(D)	(D)
Lee	49	4.7	544	6.6	26	6.4	226	17.3	9	11.7	144	16.2
Loudoun	24	4.6	1 479	.6	35	5.0	1 369	3.7	71	3.8	2 578	8.1
Louisa	17	5.9	545	.9	28	4.8	1 086	2.1	15	8.0	450	10.6
Lunenburg	7	11.6	32	14.0	23	5.6	597	4.8	1	–	(D)	(D)
Madison	38	2.6	2 836	.5	30	4.0	2 495	5.4	15	5.3	1 136	6.8
Mathews	–	–	–	–	4	9.3	(D)	(D)	6	9.8	99	13.0
Mecklenburg	18	3.9	1 731	.1	31	4.8	1 795	2.1	5	13.9	268	30.1
Middlesex	6	10.8	(D)	(D)	3	21.7	(D)	(D)	1	–	(D)	(D)
Montgomery	46	1.8	2 905	.4	17	7.2	671	.9	31	4.2	2 703	2.0
Nelson	12	9.4	44	23.8	11	9.5	217	20.3	8	11.2	1 172	8.7
New Kent	1	–	(D)	(D)	3	11.7	(D)	(D)	2	24.5	(D)	(D)
Northampton	–	–	–	–	2	23.5	(D)	(D)	3	10.5	(D)	(D)
Northumberland	2	–	(D)	(D)	4	12.8	(D)	(D)	2	29.5	(D)	(D)
Nottoway	18	3.6	1 749	.1	19	5.9	(D)	(D)	13	6.3	852	5.1
Orange	26	4.1	2 068	.7	17	6.9	2 249	2.5	13	9.1	663	15.7
Page	16	6.4	702	4.6	56	3.5	3 044	3.3	35	4.9	1 947	5.4
Patrick	21	5.4	1 507	.8	24	6.0	1 441	5.1	4	15.1	170	11.2
Pittsylvania	48	3.6	1 574	.7	72	3.4	4 786	3.7	5	16.0	110	16.5
Powhatan	19	3.6	1 599	.2	16	7.6	697	2.1	4	11.6	25	17.7
Prince Edward	15	4.3	1 530	1.1	16	6.7	274	5.5	4	14.1	47	18.8
Prince George	2	19.3	(D)	(D)	6	8.9	(D)	(D)	4	9.6	88	14.8
Prince William	14	5.9	1 125	.3	8	11.9	55	15.5	15	9.4	360	10.8
Pulaski	22	4.0	1 631	1.0	8	11.8	(D)	(D)	19	6.1	2 982	2.7
Rappahannock	4	14.0	58	15.9	19	6.3	1 041	2.0	8	10.4	464	11.8
Richmond	2	–	(D)	(D)	7	11.2	(D)	(D)	2	17.2	(D)	(D)
Roanoke	6	9.9	175	1.5	9	10.6	231	25.9	3	19.8	179	16.5
Rockbridge	32	4.1	1 517	.9	32	5.2	341	5.1	36	4.8	2 306	7.5
Rockingham	318	.6	25 125	.2	117	2.2	11 220	2.8	164	2.0	21 855	1.7

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	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)
Russell	83	3.8	1 066	3.5	48	5.1	183	5.7	35	5.0	4 031	2.3
Scott	50	4.2	797	3.8	39	5.2	265	5.2	7	8.5	1 313	6.1
Shenandoah	50	2.7	2 535	.5	56	3.5	2 990	6.3	88	2.9	9 275	2.4
Smyth	46	2.6	2 576	.6	18	5.3	235	6.7	14	5.7	1 118	3.0
Southampton	2	18.2	(D)	(D)	73	2.1	47 961	.3	8	9.9	530	14.6
Spotsylvania	18	4.9	1 119	1.0	15	7.4	420	13.7	9	10.8	179	11.1
Stafford	8	8.4	(D)	(D)	9	8.8	255	12.1	3	14.5	(D)	(D)
Surry	2	—	(D)	(D)	28	3.6	51 855	.1	3	18.9	39	21.5
Sussex	—	—	—	—	23	4.5	(D)	(D)	5	15.1	170	16.4
Tazewell	37	4.0	1 179	1.7	23	6.1	290	10.1	56	3.6	3 911	3.5
Warren	5	13.0	89	5.5	11	8.9	114	9.4	14	8.5	590	12.9
Washington	97	2.5	5 807	.7	48	4.5	786	7.2	28	6.0	1 849	5.9
Westmoreland	5	13.3	(D)	(D)	11	8.0	622	11.8	1	—	(D)	(D)
Wise	7	13.2	200	2.7	4	13.7	56	17.6	—	—	—	—
Wythe	91	2.0	5 485	.7	33	4.6	(D)	(D)	76	3.2	4 430	4.7
York	—	—	—	—	2	25.2	(D)	(D)	1	33.1	(D)	(D)
Chesapeake (IC)	4	—	559	—	14	8.4	2 335	5.9	3	23.0	(D)	(D)
Suffolk (IC)	1	—	(D)	(D)	50	3.4	11 879	1.5	9	8.8	153	6.0
Virginia Beach (IC)	—	—	—	—	17	5.1	36 766	.4	8	12.3	96	13.0

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)
Virginia	2 022	1.1	4 883 025	.3	640	.4	201 697 436	—
Accomack	10	10.5	(D)	(D)	60	.7	17 406 205	.1
Albemarle	56	4.1	(D)	(D)	2	25.6	(D)	(D)
Alleghany	11	9.9	172	10.7	—	—	—	—
Amelia	18	5.2	(D)	(D)	23	—	10 768 069	—
Amherst	15	8.5	272	10.3	—	—	—	—
Appomattox	8	10.0	(D)	(D)	—	—	—	—
Arlington	1	—	(D)	(D)	—	—	—	—
Augusta	67	3.3	272 610	.1	24	2.5	6 203 535	(L)
Bath	8	8.7	297	9.9	—	—	—	—
Bedford	37	4.8	716	7.8	—	—	—	—
Bland	28	5.9	688	6.6	—	—	—	—
Botetourt	30	4.5	4 284	23.2	—	—	—	—
Brunswick	15	8.6	21 697	16.3	—	—	—	—
Buchanan	13	9.6	238	10.0	—	—	—	—
Buckingham	17	6.0	62 255	(L)	20	—	7 401 719	—
Campbell	27	5.6	(D)	(D)	—	—	—	—
Caroline	15	7.4	547	9.1	—	—	—	—
Carroll	25	5.6	561	7.6	—	—	—	—
Charles City	6	13.2	145	17.4	—	—	—	—
Charlotte	17	8.1	732	12.9	—	—	—	—
Chesterfield	8	10.3	435	13.7	4	—	1 557 078	—
Clarke	13	7.9	209	9.6	—	—	—	—
Craig	10	6.6	254	11.1	—	—	—	—
Culpeper	19	7.1	456	8.1	—	—	—	—
Cumberland	9	8.1	89 552	2.7	29	1.6	10 532 078	.2
Dickenson	14	8.9	422	10.7	—	—	—	—
Dinwiddie	16	7.9	829	10.7	3	12.6	(D)	(D)
Essex	4	12.6	46	12.3	—	—	—	—
Fairfax	16	8.4	748	11.9	—	—	—	—
Fauquier	70	3.6	2 156	6.1	1	32.6	(D)	(D)
Floyd	25	5.9	401	7.2	—	—	—	—
Fluvanna	24	5.3	(D)	(D)	1	—	(D)	(D)
Franklin	38	5.0	2 135	14.2	2	—	(D)	(D)
Frederick	30	4.7	(D)	(D)	—	—	—	—
Giles	15	7.1	235	8.3	—	—	—	—
Gloucester	12	7.8	289	12.6	—	—	—	—
Goochland	16	8.1	152	8.3	5	10.5	483 651	3.1
Grayson	18	6.9	248	7.8	1	22.3	(D)	(D)
Greene	9	12.2	(D)	(D)	4	11.8	(D)	(D)
Greensville	6	12.8	(D)	(D)	—	—	—	—
Halifax	55	4.1	1 070	5.6	—	—	—	—
Hanover	28	5.2	464	6.2	5	5.6	1 086 230	(L)
Henrico	3	20.6	127	28.8	1	—	(D)	(D)
Henry	13	10.0	255	9.7	—	—	—	—
Highland	12	7.5	275	6.8	—	—	—	—
Isle of Wight	4	10.8	(D)	(D)	12	—	3 130 679	—
James City	9	8.9	1 054	2.0	—	—	—	—
King and Queen	4	14.1	156	20.4	1	28.0	(D)	(D)
King George	4	14.0	87	16.1	—	—	—	—

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)
King William	8	12.0	260	14.2	–	–	–	–
Lancaster	6	13.9	60	13.7	–	–	–	–
Lee	41	5.5	1 090	7.9	–	–	–	–
Loudoun	70	3.7	1 742	6.9	2	16.7	(D)	(D)
Louisa	21	7.3	(D)	(D)	2	11.0	(D)	(D)
Lunenburg	15	6.8	(D)	(D)	–	–	–	–
Madison	17	5.4	434	7.7	–	–	–	–
Mathews	5	9.3	(D)	(D)	–	–	–	–
Mecklenburg	25	6.1	(D)	(D)	–	–	–	–
Middlesex	1	–	(D)	(D)	–	–	–	–
Montgomery	25	5.2	668	7.1	2	19.3	(D)	(D)
Nelson	20	7.5	368	10.3	1	34.6	(D)	(D)
New Kent	4	16.5	189	27.9	–	–	–	–
Northampton	4	13.6	88	10.9	–	–	–	–
Northumberland	2	21.7	(D)	(D)	–	–	–	–
Nottoway	14	8.2	191 292	(L)	14	3.6	4 691 685	.9
Orange	20	7.7	908	7.2	–	–	–	–
Page	38	4.5	290 546	1.2	104	.6	36 405 281	.1
Patrick	23	6.4	465	8.3	–	–	–	–
Pittsylvania	38	5.0	670	5.8	–	–	–	–
Powhatan	19	6.4	(D)	(D)	2	–	(D)	(D)
Prince Edward	23	5.5	78 278	.1	8	4.4	1 694 340	.5
Prince George	10	7.6	241	8.8	–	–	–	–
Prince William	21	7.1	453	8.6	2	24.6	(D)	(D)
Pulaski	17	6.2	282	8.0	–	–	–	–
Rappahannock	19	6.8	478	10.9	1	27.9	(D)	(D)
Richmond	7	11.5	388	35.6	–	–	–	–
Roanoke	10	7.4	569 539	(L)	–	–	–	–
Rockbridge	35	5.0	1 086	8.0	1	37.6	(D)	(D)
Rockingham	128	2.0	1 320 675	.7	230	.3	76 248 729	.1
Russell	55	4.5	1 065	4.8	1	36.5	(D)	(D)
Scott	64	4.2	2 070	20.1	1	31.8	(D)	(D)
Shenandoah	40	4.3	69 226	1.4	37	.7	14 234 863	.1
Smyth	31	4.7	480	5.1	–	–	–	–
Southampton	10	7.9	100 568	3.6	12	–	3 763 930	–
Spotsylvania	17	7.9	523	8.2	–	–	–	–
Stafford	19	6.2	469	7.8	–	–	–	–
Surry	10	8.3	361	11.6	–	–	–	–
Sussex	6	13.5	120	13.8	2	–	(D)	(D)
Tazewell	26	6.2	435	7.6	–	–	–	–
Warren	12	8.8	372	16.8	1	33.1	(D)	(D)
Washington	48	4.9	(D)	(D)	–	–	–	–
Westmoreland	4	13.0	160	26.3	–	–	–	–
Wise	4	20.4	127	31.3	–	–	–	–
Wythe	30	5.6	731	6.5	–	–	–	–
York	5	14.9	81	25.2	–	–	–	–
Chesapeake (IC)	9	11.1	302	23.4	1	–	(D)	(D)
Suffolk (IC)	9	10.2	(D)	(D)	17	–	3 296 837	–
Virginia Beach (IC)	9	12.0	493	14.3	1	40.0	(D)	(D)

Geographic area	Selected crops harvested											
	Corn for grain or seed					Wheat for grain						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Virginia	6 169	1.0	361 326	.4	40 633 506	.3	3 670	1.1	241 042	.5	12 598 036	.4
Accomack	41	2.6	6 913	.7	908 427	.4	110	2.0	20 048	1.0	1 140 115	.9
Albemarle	31	4.0	1 319	1.9	132 083	1.9	11	6.0	686	2.3	33 682	2.4
Alleghany	8	11.0	114	14.6	6 890	17.4	–	–	–	–	–	–
Amelia	63	2.6	2 348	1.3	232 861	.9	43	3.4	1 664	3.6	89 757	3.2
Amherst	18	7.1	79	9.6	4 399	11.0	1	–	(D)	(D)	(D)	(D)
Appomattox	81	3.2	1 881	2.2	151 511	2.3	46	4.0	1 581	1.8	58 795	2.2
Arlington	–	–	–	–	–	–	–	–	–	–	–	–
Augusta	287	1.2	11 576	.8	1 148 599	.8	90	2.1	2 427	1.1	136 319	1.2
Bath	8	7.1	129	3.2	8 886	2.2	1	–	(D)	(D)	(D)	(D)
Bedford	77	2.7	1 919	1.5	184 096	1.4	21	4.5	525	4.0	20 394	4.2
Bland	32	4.5	233	3.7	20 603	2.9	2	–	(D)	(D)	(D)	(D)
Botetourt	44	3.2	1 084	1.7	111 154	1.6	6	7.8	163	8.2	7 520	8.9
Brunswick	38	3.4	1 145	.6	92 169	.4	74	2.6	2 270	1.2	98 279	1.1
Buchanan	5	10.1	12	10.9	1 480	7.4	–	–	–	–	–	–
Buckingham	34	4.4	961	3.8	64 586	5.4	14	6.1	331	2.7	9 611	3.7
Campbell	106	2.2	2 737	2.1	232 741	2.3	87	2.6	4 972	2.8	77 640	3.2
Caroline	45	3.1	6 101	.5	636 249	.5	47	2.7	4 838	.9	261 039	1.0
Carroll	20	6.1	179	7.6	13 486	9.9	–	–	–	–	–	–
Charles City	20	3.3	4 870	2.0	622 850	1.2	22	2.9	5 641	.5	357 451	.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												
	Corn for grain or seed					Wheat for grain							
	Farms		Acres		Quantity			Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	
Charlotte	67	3.9	1 427	2.7	136 129	2.5	94	3.2	2 200	3.4	90 484	3.2	
Chesterfield	15	5.5	611	2.3	81 652	2.3	15	4.9	867	3.5	53 898	3.0	
Clarke	36	3.6	2 069	3.7	231 190	2.9	22	3.7	1 673	2.9	93 764	2.4	
Craig	18	5.4	285	7.8	23 240	7.7	1	29.7	(D)	(D)	(D)	(D)	
Culpeper	84	2.4	7 745	1.5	782 564	1.6	33	3.3	2 461	1.2	131 712	.9	
Cumberland	38	3.8	986	2.6	82 131	3.3	17	4.8	591	2.3	25 555	2.5	
Dickenson	8	12.8	14	16.9	930	16.9	—	—	—	—	—	—	
Dinwiddie	53	3.5	2 596	2.0	269 249	2.1	70	3.0	3 530	1.7	165 693	1.5	
Essex	54	2.6	10 528	.4	1 269 797	.4	59	2.4	7 597	.9	428 466	1.0	
Fairfax	3	18.3	(D)	(D)	(D)	(D)	1	39.0	(D)	(D)	(D)	(D)	
Fauquier	121	2.1	11 404	.6	1 368 516	.5	54	3.1	3 669	1.3	191 753	1.5	
Floyd	24	5.6	390	8.2	35 975	8.0	4	10.9	59	12.4	2 032	13.5	
Fluvanna	26	5.1	632	5.0	49 623	5.1	17	6.2	550	7.4	21 493	7.0	
Franklin	116	2.1	3 137	1.8	290 464	1.8	66	2.6	1 203	2.4	40 921	2.7	
Frederick	95	2.0	2 644	1.1	261 980	1.2	33	3.1	811	1.6	44 915	1.6	
Giles	28	4.8	177	6.4	15 244	7.3	1	26.6	(D)	(D)	(D)	(D)	
Gloucester	37	2.6	5 385	1.7	695 419	1.7	17	4.4	976	2.3	51 874	2.2	
Goochland	21	4.8	2 955	1.7	302 965	1.4	18	6.1	1 837	2.6	87 244	2.4	
Grayson	10	5.8	460	1.1	43 120	.4	—	—	—	—	—	—	
Greene	25	5.6	1 067	4.3	114 127	3.7	5	15.1	49	14.4	1 870	15.1	
Greenville	61	3.2	3 386	2.2	319 786	2.2	29	3.9	1 294	1.3	68 867	1.0	
Halifax	199	2.1	3 455	1.5	211 018	2.1	295	1.7	6 833	1.2	282 117	1.2	
Hanover	68	2.1	8 659	.7	1 102 130	.6	73	2.5	7 158	1.4	403 045	1.3	
Henrico	7	6.8	1 697	1.6	227 093	1.9	17	5.7	2 366	3.0	144 425	3.0	
Henry	19	7.1	810	1.8	83 194	1.5	6	9.9	(D)	(D)	(D)	(D)	
Highland	3	14.4	(D)	(D)	(D)	(D)	—	—	—	—	—	—	
Isle of Wight	146	1.2	16 156	.4	1 819 035	.3	83	1.6	6 875	.6	326 247	.6	
James City	12	5.4	1 302	1.3	200 040	1.1	9	5.0	652	1.2	28 141	.5	
King and Queen	63	2.6	10 723	1.0	1 407 412	1.0	43	3.1	5 908	1.1	329 884	1.1	
King George	35	3.0	4 833	1.5	519 670	1.4	32	3.3	3 749	1.0	213 067	.9	
King William	54	2.9	10 855	.5	1 563 205	.4	48	3.2	7 593	.9	432 713	.8	
Lancaster	38	3.6	3 570	1.9	443 682	1.9	33	4.3	2 318	2.5	119 551	2.7	
Lee	187	2.6	1 209	3.3	107 325	3.6	1	31.2	(D)	(D)	(D)	(D)	
Loudoun	129	2.2	10 438	.9	1 006 151	.9	76	2.7	7 083	2.0	408 068	1.8	
Louisa	64	3.0	2 629	1.1	255 812	1.2	54	3.4	1 495	3.9	62 720	1.9	
Lunenburg	41	4.2	498	5.1	31 030	6.6	56	3.4	1 112	3.4	43 019	3.7	
Madison	96	1.9	6 211	1.0	701 324	.9	12	5.2	268	4.2	12 150	3.8	
Mathews	17	5.4	887	6.5	91 680	6.2	12	6.8	410	5.1	20 530	4.9	
Mecklenburg	98	2.8	1 520	2.0	118 036	2.2	143	1.9	3 660	3.1	141 100	1.6	
Middlesex	21	5.9	3 167	1.7	396 125	1.6	30	4.6	2 957	2.1	160 440	1.6	
Montgomery	25	4.0	1 582	.5	153 143	.4	4	4.9	150	3.7	7 890	3.8	
Nelson	28	5.7	595	6.1	59 372	5.1	2	22.8	(D)	(D)	(D)	(D)	
New Kent	22	3.6	3 567	1.5	507 557	1.4	14	4.3	1 715	.9	93 201	.6	
Northampton	18	5.2	1 195	2.9	144 930	2.5	81	1.9	13 075	.8	769 562	.7	
Northumberland	78	2.0	8 507	2.1	1 029 812	1.2	93	1.6	10 398	1.1	571 608	1.1	
Nottoway	31	3.9	682	1.6	63 471	1.4	16	6.0	439	3.4	16 981	3.6	
Orange	78	2.9	4 030	2.1	440 687	1.8	20	4.5	630	6.6	31 775	7.5	
Page	123	2.1	3 601	2.0	357 768	2.2	29	3.7	569	2.6	27 964	2.2	
Patrick	101	3.1	1 983	1.5	183 272	1.4	17	6.5	127	5.4	4 172	7.6	
Pittsylvania	239	1.8	3 458	1.8	260 255	2.0	374	1.3	10 807	1.0	433 234	.9	
Powhatan	18	5.3	1 089	2.5	108 872	2.3	17	7.3	682	10.6	29 836	12.1	
Prince Edward	52	3.2	1 298	1.4	125 892	1.4	40	3.1	1 003	1.8	40 060	1.8	
Prince George	49	2.6	5 285	1.0	653 627	.9	38	2.9	3 856	2.0	235 563	1.6	
Prince William	24	5.5	2 030	2.5	222 213	2.3	18	5.8	1 242	2.2	62 929	2.1	
Pulaski	19	4.6	624	1.7	74 246	1.5	3	—	46	—	(D)	(D)	
Rappahannock	27	3.6	570	3.7	54 184	4.7	9	6.3	156	4.6	6 033	1.8	
Richmond	65	3.2	6 957	2.3	804 162	2.3	79	2.8	6 217	2.1	334 926	2.0	
Roanoke	3	10.7	108	5.4	9 680	3.6	2	9.6	(D)	(D)	(D)	(D)	
Rockbridge	54	2.9	1 733	2.1	138 007	2.0	9	7.7	138	5.0	5 897	5.1	
Rockingham	410	.8	16 455	.6	1 737 737	.6	80	2.1	1 834	2.1	87 732	2.0	
Russell	86	3.9	260	6.7	20 363	7.1	—	—	—	—	—	—	
Scott	132	2.9	494	3.7	40 330	4.0	2	24.9	(D)	(D)	(D)	(D)	
Shenandoah	166	1.8	5 262	.9	570 421	.9	57	3.0	1 206	1.7	64 151	1.8	
Smyth	73	2.5	1 147	.7	122 591	.6	—	—	—	—	—	—	
Southampton	225	1.1	27 866	.3	3 280 518	.3	92	1.5	6 345	.7	349 182	.6	
Spotsylvania	36	3.6	1 811	2.6	217 152	2.4	25	4.8	805	4.0	42 679	3.5	
Stafford	20	4.8	876	4.2	100 502	5.0	8	7.0	469	1.1	23 894	.7	
Surry	56	2.2	6 767	.5	749 251	.4	60	2.2	5 964	.8	334 726	.5	
Sussex	70	1.9	7 242	.5	834 501	.5	67	1.7	6 279	.5	335 854	.5	
Tazewell	44	4.0	344	2.2	31 628	1.9	5	12.2	19	11.4	514	12.2	
Warren	11	9.4	129	9.6	12 492	9.9	3	12.4	45	5.0	2 274	2.9	
Washington	162	2.3	2 067	1.6	203 318	1.5	3	10.3	(D)	(D)	(D)	(D)	
Westmoreland	79	2.1	9 230	1.1	1 035 123	1.0	79	2.2	7 944	1.1	434 777	1.0	
Wise	3	18.3	8	17.5	850	18.5	—	—	—	—	—	—	
Wythe	75	2.7	1 168	2.1	109 085	2.5	7	8.9	91	10.4	3 560	10.1	
York	2	28.0	(D)	(D)	(D)	(D)	4	16.2	(D)	(D)	(D)	(D)	
Chesapeake (IC)	62	2.7	12 067	.6	1 560 899	.7	43	3.2	7 587	.9	360 078	.9	
Suffolk (IC)	164	1.4	20 027	.6	2 154 997	.5	73	1.8	7 003	.7	396 805	.7	
Virginia Beach (IC)	44	2.8	8 960	.5	1 218 741	.6	43	2.7	11 310	.5	524 944	.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	Selected crops harvested – Con.											
	Tobacco					Soybeans for beans						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Pounds	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Virginia	8 444	1.2	55 419	.9	113 240 049	.8	3 709	1.1	507 878	.5	15 742 573	.5
Accomack	—	—	—	—	—	—	172	1.4	48 843	.9	1 513 782	.8
Albemarle	—	—	—	—	—	—	7	8.7	442	4.9	9 725	3.9
Alleghany	—	—	—	—	—	—	—	—	—	—	—	—
Amelia	38	3.7	508	2.9	941 233	2.0	63	2.6	5 326	2.5	150 770	2.5
Amherst	5	11.5	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Appomattox	20	6.9	160	2.7	289 628	2.4	10	6.6	1 409	1.1	39 040	1.4
Arlington	—	—	—	—	—	—	—	—	—	—	—	—
Augusta	1	37.3	(D)	(D)	(D)	(D)	33	2.2	1 241	.5	40 118	.4
Bath	—	—	—	—	—	—	—	—	—	—	—	—
Bedford	20	6.2	140	7.1	244 119	6.6	3	11.7	(D)	(D)	(D)	(D)
Bland	43	4.3	128	8.9	189 457	8.3	2	15.9	(D)	(D)	(D)	(D)
Botetourt	—	—	—	—	—	—	1	—	(D)	(D)	(D)	(D)
Brunswick	174	1.9	2 871	.9	5 756 085	.8	91	2.6	5 292	1.6	140 466	1.4
Buchanan	61	3.5	105	4.4	187 363	4.2	—	—	—	—	—	—
Buckingham	15	8.0	38	10.4	50 205	10.2	—	—	—	—	—	—
Campbell	107	2.4	1 079	1.8	2 305 132	2.0	65	2.9	2 670	5.0	57 811	4.3
Caroline	4	14.9	10	30.4	14 446	37.9	72	2.4	16 641	1.1	512 118	1.3
Carroll	—	—	—	—	—	—	—	—	—	—	—	—
Charles City	—	—	—	—	—	—	23	3.5	9 089	.4	294 150	.4
Charlotte	216	2.2	2 411	1.7	4 779 067	1.7	16	8.1	398	10.8	10 608	11.3
Chesterfield	10	5.1	134	3.6	344 963	2.5	23	4.8	2 073	3.3	68 469	2.2
Clarke	—	—	—	—	—	—	14	5.1	963	3.9	37 322	3.6
Craig	—	—	—	—	—	—	—	—	—	—	—	—
Culpeper	—	—	—	—	—	—	27	4.3	2 750	1.9	97 165	2.2
Cumberland	19	4.8	92	7.2	145 564	4.6	7	5.7	225	4.1	5 485	2.9
Dickenson	29	5.7	44	6.8	80 542	8.0	—	—	—	—	—	—
Dinwiddie	121	2.3	1 627	1.5	3 849 724	1.5	128	2.2	11 422	1.2	349 454	1.1
Essex	—	—	—	—	—	—	80	2.2	20 634	1.2	620 473	1.1
Fairfax	2	27.9	(D)	(D)	(D)	(D)	—	—	—	—	—	—
Fauquier	—	—	—	—	—	—	46	3.3	4 629	2.0	154 168	2.1
Floyd	21	5.5	51	8.2	76 354	10.3	—	—	—	—	—	—
Fluvanna	1	28.7	(D)	(D)	(D)	(D)	9	7.4	398	7.1	7 730	9.9
Franklin	137	2.1	1 467	1.7	3 172 184	1.7	18	5.2	569	4.3	15 518	3.1
Frederick	—	—	—	—	—	—	3	—	210	—	6 840	—
Giles	1	26.6	(D)	(D)	(D)	(D)	1	—	(D)	(D)	(D)	(D)
Gloucester	—	—	—	—	—	—	48	2.4	9 954	1.9	310 688	1.5
Goochland	—	—	—	—	—	—	15	4.7	2 800	.9	64 835	.9
Grayson	322	1.6	565	2.3	956 528	2.5	—	—	—	—	—	—
Greene	—	—	—	—	—	—	2	14.1	(D)	(D)	(D)	(D)
Greensville	20	5.2	349	4.0	857 308	4.0	80	2.6	5 272	1.4	141 254	1.5
Halifax	651	1.6	8 388	1.0	16 901 418	.9	96	2.7	2 554	2.6	68 015	3.1
Hanover	1	46.6	(D)	(D)	(D)	(D)	137	1.9	20 074	.8	621 265	.8
Henrico	—	—	—	—	—	—	24	5.7	5 186	2.4	173 466	2.2
Henry	24	7.1	335	5.2	670 479	5.2	5	13.0	(D)	(D)	(D)	(D)
Highland	—	—	—	—	—	—	—	—	—	—	—	—
Isle of Wight	1	26.9	(D)	(D)	(D)	(D)	126	1.3	14 393	.5	466 776	.4
James City	—	—	—	—	—	—	12	5.1	1 591	.7	45 280	.9
King and Queen	—	—	—	—	—	—	92	1.9	20 174	1.0	593 357	1.0
King George	—	—	—	—	—	—	41	2.6	7 862	1.4	206 781	.9
King William	—	—	—	—	—	—	80	2.5	19 779	1.1	624 209	1.1
Lancaster	—	—	—	—	—	—	55	2.9	7 760	1.9	204 318	2.1
Lee	974	1.8	2 624	1.8	4 968 613	1.7	—	—	—	—	—	—
Loudoun	—	—	—	—	—	—	29	2.8	8 570	.5	286 976	.5
Louisa	11	7.0	35	7.9	51 091	8.3	33	4.1	1 504	1.9	45 103	1.9
Lunenburg	138	2.0	2 482	.9	5 193 211	.9	33	4.0	1 567	2.3	35 628	2.8
Madison	—	—	—	—	—	—	11	5.3	676	1.9	21 973	1.9
Mathews	—	—	—	—	—	—	24	3.8	2 438	5.0	59 476	5.2
Mecklenburg	304	1.4	5 629	.7	12 228 156	.7	102	2.3	7 474	.9	223 150	1.0
Middlesex	—	—	—	—	—	—	45	3.7	6 682	2.6	212 309	2.5
Montgomery	13	5.3	12	9.2	16 478	8.3	3	13.9	(D)	(D)	(D)	(D)
Nelson	2	28.2	(D)	(D)	(D)	(D)	—	—	—	—	—	—
New Kent	—	—	—	—	—	—	29	3.3	6 041	.9	183 546	.9
Northampton	—	—	—	—	—	—	114	1.8	23 231	.9	777 091	.9
Northumberland	—	—	—	—	—	—	99	1.5	17 363	1.0	544 034	1.0
Nottoway	68	3.0	935	1.5	1 538 902	1.4	29	4.5	821	3.6	18 517	3.2
Orange	2	17.3	(D)	(D)	(D)	(D)	19	3.6	1 622	1.5	47 008	1.4
Page	2	17.2	(D)	(D)	(D)	(D)	8	4.3	112	.6	4 013	.4
Patrick	90	3.0	870	2.5	1 722 803	2.4	10	8.8	105	4.2	2 549	3.5
Pittsylvania	658	1.1	11 597	.7	24 663 930	.6	169	1.9	4 649	1.3	117 775	1.4
Powhatan	3	20.3	26	34.0	(D)	(D)	15	6.9	1 022	10.3	30 519	10.1
Prince Edward	75	2.7	676	1.8	1 140 413	1.7	15	6.2	402	3.1	11 573	5.9
Prince George	1	—	(D)	(D)	(D)	(D)	73	1.9	10 449	1.4	345 670	1.5
Prince William	—	—	—	—	—	—	8	8.2	817	4.0	24 872	3.5
Pulaski	1	—	(D)	(D)	(D)	(D)	1	23.2	(D)	(D)	(D)	(D)
Rappahannock	—	—	—	—	—	—	1	—	(D)	(D)	(D)	(D)
Richmond	—	—	—	—	—	—	102	2.2	13 507	1.5	419 801	1.5
Roanoke	—	—	—	—	—	—	1	32.1	(D)	(D)	(D)	(D)
Rockbridge	—	—	—	—	—	—	9	6.1	308	4.3	8 280	5.2
Rockingham	—	—	—	—	—	—	52	1.8	2 165	1.6	83 508	1.5

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.											
	Tobacco					Soybeans for beans						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Pounds	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Russell	792	1.9	1 958	2.1	4 056 908	1.9	1	—	(D)	(D)	(D)	(D)
Scott	1 151	1.5	2 880	1.6	5 629 471	1.4	—	—	—	—	—	—
Shenandoah	—	—	—	—	—	—	34	3.0	2 046	1.3	80 957	1.1
Smyth	510	1.4	1 071	1.4	1 936 305	1.4	1	—	(D)	(D)	(D)	(D)
Southampton	2	—	(D)	(D)	(D)	(D)	223	1.1	20 331	.6	648 911	.6
Spotsylvania.....	—	—	—	—	—	—	38	4.0	3 049	3.6	94 061	4.0
Stafford	—	—	—	—	—	—	22	5.1	1 719	2.9	59 434	3.2
Surry	—	—	—	—	—	—	87	1.9	11 294	.6	327 713	.6
Sussex	13	2.8	235	.2	486 659	.2	105	1.6	16 310	.5	498 621	.5
Tazewell	56	4.1	96	5.7	181 527	5.7	—	—	—	—	—	—
Warren	—	—	—	—	—	—	1	38.4	(D)	(D)	(D)	(D)
Washington	1 484	1.3	3 550	1.2	7 041 033	1.2	1	—	(D)	(D)	(D)	(D)
Westmoreland	—	—	—	—	—	—	105	1.9	18 699	1.1	514 862	1.0
Wise	20	7.3	40	5.2	55 442	6.1	—	—	—	—	—	—
Wythe	9	7.6	26	14.8	54 033	13.9	—	—	—	—	—	—
York	—	—	—	—	—	—	8	11.9	302	20.0	6 557	22.6
Chesapeake (IC).....	—	—	—	—	—	—	89	2.3	27 653	.7	907 689	.6
Suffolk (IC)	1	—	(D)	(D)	(D)	(D)	164	1.5	18 884	.6	607 862	.6
Virginia Beach (IC)	—	—	—	—	—	—	69	2.2	22 220	.5	805 652	.4

Geographic area	Selected crops harvested — Con.											
	Peanuts for nuts					Hay — alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Pounds	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Virginia.....	935	1.1	93 720	.3	258 551 252	.3	25 282	1.0	1 101 530	.9	2 180 604	.8
Accomack	2	—	(D)	(D)	(D)	(D)	15	6.8	181	5.3	442	4.6
Albemarle	1	37.1	(D)	(D)	(D)	(D)	444	1.4	34 086	1.2	59 390	1.2
Alleghany	—	—	—	—	—	—	116	1.7	3 014	2.2	4 766	2.5
Amelia	—	—	—	—	—	—	183	1.5	9 121	1.7	22 646	1.6
Amherst	—	—	—	—	—	—	275	1.5	11 893	2.2	24 280	2.6
Appomattox	—	—	—	—	—	—	276	1.4	14 644	1.7	26 198	2.0
Arlington	—	—	—	—	—	—	—	—	—	—	—	—
Augusta.....	2	14.8	(D)	(D)	(D)	(D)	1 016	.8	50 023	.8	113 620	.8
Bath	1	33.1	(D)	(D)	(D)	(D)	86	1.7	5 763	1.4	8 082	1.9
Bedford	1	24.9	(D)	(D)	(D)	(D)	940	1.0	42 586	1.1	80 960	1.1
Bland	—	—	—	—	—	—	258	1.4	8 740	1.7	15 296	2.1
Botetourt.....	—	—	—	—	—	—	375	1.0	15 461	1.6	28 878	1.7
Brunswick.....	2	—	(D)	(D)	(D)	(D)	171	2.0	7 123	2.2	16 836	2.4
Buchanan	—	—	—	—	—	—	48	4.3	624	6.0	1 077	6.7
Buckingham	—	—	—	—	—	—	255	1.3	12 875	1.8	23 310	2.2
Campbell	—	—	—	—	—	—	425	1.2	21 400	1.5	39 306	1.1
Caroline	—	—	—	—	—	—	99	2.0	3 389	2.7	7 436	2.7
Carroll	—	—	—	—	—	—	622	1.2	20 893	1.4	37 553	1.4
Charles City	—	—	—	—	—	—	23	6.1	1 186	11.3	1 985	8.2
Charlotte	—	—	—	—	—	—	252	1.9	11 721	2.4	23 304	2.5
Chesterfield	—	—	—	—	—	—	68	2.6	1 713	5.1	2 643	4.6
Clarke	—	—	—	—	—	—	196	1.4	15 137	1.5	29 652	1.9
Craig	—	—	—	—	—	—	137	1.1	7 122	2.9	11 898	1.7
Culpeper	—	—	—	—	—	—	336	1.3	25 363	1.5	50 809	1.6
Cumberland	—	—	—	—	—	—	166	1.3	9 451	1.8	20 608	1.6
Dickenson	—	—	—	—	—	—	67	3.4	1 020	5.9	1 453	7.8
Dinwiddie	37	3.9	2 535	1.5	7 141 425	1.5	133	2.4	4 697	2.2	9 016	2.4
Essex	—	—	—	—	—	—	15	7.1	496	5.4	963	5.5
Fairfax	—	—	—	—	—	—	42	4.6	1 359	5.1	2 193	5.2
Fauquier	—	—	—	—	—	—	533	1.3	43 462	1.0	85 769	1.0
Floyd	—	—	—	—	—	—	582	.9	20 820	1.2	47 904	1.3
Fluvanna	—	—	—	—	—	—	174	1.4	9 348	1.9	17 187	2.4
Franklin	—	—	—	—	—	—	673	1.1	27 726	1.0	58 517	1.1
Frederick	—	—	—	—	—	—	338	1.2	20 030	1.5	35 982	1.7
Giles	—	—	—	—	—	—	252	1.5	7 516	1.8	14 742	2.5
Gloucester	—	—	—	—	—	—	33	4.1	901	5.1	2 659	6.0
Goochland	—	—	—	—	—	—	157	1.8	8 402	2.0	14 781	2.4
Grayson	—	—	—	—	—	—	572	1.1	19 021	1.2	36 042	1.2
Greene	—	—	—	—	—	—	147	1.8	6 689	4.0	13 711	2.8
Greensville	90	2.4	8 196	.8	22 512 738	.8	21	6.4	1 089	12.9	1 304	10.9
Halifax	—	—	—	—	—	—	463	1.6	15 820	1.7	23 771	1.8
Hanover	2	17.3	(D)	(D)	(D)	(D)	275	1.6	13 208	1.3	29 739	1.3
Henrico	—	—	—	—	—	—	72	3.0	2 089	3.8	3 738	3.6
Henry	—	—	—	—	—	—	161	2.4	6 974	3.2	10 854	3.4
Highland	—	—	—	—	—	—	209	1.4	9 093	2.2	15 973	2.5
Isle of Wight	160	1.1	14 867	.4	37 888 651	.4	15	4.0	999	1.2	3 032	.3
James City	—	—	—	—	—	—	20	4.6	609	3.9	1 021	2.5
King and Queen	—	—	—	—	—	—	33	4.1	1 297	4.8	2 477	5.2
King George	—	—	—	—	—	—	67	2.1	3 196	2.9	5 250	3.0

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.											
	Peanuts for nuts					Hay —alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)						
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Pounds	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
King William	—	—	—	—	—	—	32	4.9	1 386	2.4	3 959	1.9
Lancaster	—	—	—	—	—	—	7	11.5	93	8.6	134	10.4
Lee	—	—	—	—	—	—	715	1.8	17 107	1.7	31 306	1.9
Loudoun	—	—	—	—	—	—	569	1.3	39 367	1.1	72 591	1.1
Louisa	—	—	—	—	—	—	252	1.6	15 291	1.6	34 342	1.6
Lunenburg	—	—	—	—	—	—	212	1.7	8 833	1.8	14 303	1.9
Madison	1	23.3	(D)	(D)	(D)	(D)	298	1.0	18 871	1.2	43 571	1.2
Mathews	—	—	—	—	—	—	22	4.7	325	6.1	415	6.6
Mecklenburg	1	28.8	(D)	(D)	(D)	(D)	379	1.5	16 383	1.4	28 877	1.4
Middlesex	—	—	—	—	—	—	37	4.8	1 332	5.2	2 330	4.8
Montgomery	—	—	—	—	—	—	391	1.1	16 605	1.0	33 738	1.1
Nelson	—	—	—	—	—	—	240	1.7	10 688	2.3	18 939	3.1
New Kent	—	—	—	—	—	—	25	4.6	650	7.6	839	6.7
Northampton	4	—	283	—	875 004	—	6	11.3	107	30.5	203	32.1
Northumberland	—	—	—	—	—	—	17	6.5	316	4.9	725	5.6
Nottoway	1	—	(D)	(D)	(D)	(D)	220	1.7	9 896	2.3	19 196	2.0
Orange	—	—	—	—	—	—	295	1.6	22 990	1.5	44 182	1.5
Page	—	—	—	—	—	—	327	1.3	12 825	1.6	28 466	2.1
Patrick	—	—	—	—	—	—	373	1.6	10 026	1.7	18 480	1.9
Pittsylvania	1	32.5	(D)	(D)	(D)	(D)	768	1.2	27 359	1.3	44 286	1.4
Powhatan	—	—	—	—	—	—	129	2.0	7 275	2.3	12 744	2.2
Prince Edward	1	21.8	(D)	(D)	(D)	(D)	196	1.6	10 080	1.5	23 116	1.7
Prince George	32	2.8	3 089	.8	9 362 627	.5	53	2.7	1 541	5.5	2 836	4.2
Prince William	—	—	—	—	—	—	166	1.8	8 031	2.9	14 822	4.4
Pulaski	—	—	—	—	—	—	270	1.4	14 449	1.2	32 889	1.2
Rappahannock	1	27.9	(D)	(D)	(D)	(D)	199	1.4	15 168	1.4	30 353	1.2
Richmond	—	—	—	—	—	—	33	5.1	1 196	7.6	2 450	6.5
Roanoke	—	—	—	—	—	—	153	1.9	4 347	3.0	8 485	4.0
Rockbridge	—	—	—	—	—	—	446	1.3	22 442	1.3	42 698	1.3
Rockingham	1	26.8	(D)	(D)	(D)	(D)	1 226	.7	49 610	.6	125 531	.6
Russell	—	—	—	—	—	—	725	1.8	17 818	1.8	37 392	1.9
Scott	—	—	—	—	—	—	876	1.6	16 319	1.8	28 537	1.8
Shenandoah	—	—	—	—	—	—	580	1.0	24 376	1.2	51 387	1.3
Smyth	—	—	—	—	—	—	521	1.2	16 942	1.0	32 848	1.0
Southampton	247	1.0	30 927	.3	88 905 199	.3	19	5.3	987	8.4	1 644	14.7
Spotsylvania	—	—	—	—	—	—	177	1.7	9 431	2.4	19 578	2.0
Stafford	1	—	(D)	(D)	(D)	(D)	117	1.5	3 598	2.3	6 037	3.2
Surry	77	1.7	7 186	.5	20 433 371	.4	9	8.2	502	2.6	1 665	1.1
Sussex	110	1.3	11 619	.6	33 081 998	.6	9	10.3	215	4.3	(D)	(D)
Tazewell	—	—	—	—	—	—	338	1.5	15 724	1.2	32 797	1.2
Warren	—	—	—	—	—	—	146	1.9	8 652	3.0	15 872	3.5
Washington	—	—	—	—	—	—	1 113	1.3	29 839	1.0	58 046	1.1
Westmoreland	—	—	—	—	—	—	40	3.5	1 533	3.8	4 369	2.3
Wise	—	—	—	—	—	—	71	3.6	1 905	5.7	2 746	5.8
Wythe	—	—	—	—	—	—	567	1.0	27 089	1.1	57 012	1.1
York	—	—	—	—	—	—	7	13.9	124	15.2	(D)	(D)
Chesapeake (IC)	2	—	(D)	(D)	(D)	(D)	35	4.6	975	4.0	1 592	3.6
Suffolk (IC)	156	1.5	14 409	.5	36 867 322	.6	19	6.3	946	3.7	959	3.5
Virginia Beach (IC)	1	40.0	(D)	(D)	(D)	(D)	21	6.5	596	6.4	930	4.7

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)	Relative standard error of estimate (percent)
Virginia	1 387	1.1	32 963	.7	
Accomack	10	9.4	124	8.6	
Albemarle	68	3.4	1 957	1.3	
Alleghany	3	22.9	(D)	(D)	
Amelia	3	18.2	16	17.3	
Amherst	21	6.8	455	6.0	
Appomattox	7	13.0	31	15.7	
Arlington	—	—	—	—	
Augusta	28	5.2	255	5.6	
Bath	8	9.1	30	11.1	
Bedford	38	4.6	524	3.4	
Bland	2	25.2	(D)	(D)	
Botetourt	26	5.0	718	1.9	
Brunswick	3	14.1	28	21.6	
Buchanan	3	19.2	4	19.3	
Buckingham	6	12.6	19	15.2	
Campbell	10	9.3	15	11.9	
Caroline	9	9.6	67	10.2	
Carroll	66	3.2	881	2.9	
Charles City	6	14.3	35	24.5	

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.				
	Land in orchards				
	Farms			Acres	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	
Charlotte	6	11.2	12	15.8	
Chesterfield	10	7.9	39	20.5	
Clarke	22	4.6	3 296	1.1	
Craig	2	17.9	(D)	(D)	
Culpeper	9	8.1	77	3.4	
Cumberland	5	11.3	28	5.2	
Dickenson	2	23.6	(D)	(D)	
Dinwiddie	9	11.2	10	12.7	
Essex	1	50.0	(D)	(D)	
Fairfax	7	13.9	18	16.6	
Fauquier	59	3.6	697	4.5	
Floyd	23	5.4	213	2.6	
Fluvanna	13	7.9	43	11.5	
Franklin	45	4.4	693	3.7	
Frederick	89	2.3	9 743	.4	
Giles	10	7.2	202	5.8	
Gloucester	6	12.1	30	21.9	
Goochland	5	13.1	16	9.1	
Grayson	9	10.1	76	4.1	
Greene	14	8.3	87	13.9	
Greensville	1	38.6	(D)	(D)	
Halifax	16	8.7	44	10.3	
Hanover	10	8.6	20	11.1	
Henrico	5	13.5	22	16.4	
Henry	11	9.9	111	13.0	
Highland	9	7.5	18	6.2	
Isle of Wight	6	12.3	14	12.2	
James City	13	5.8	147	2.4	
King and Queen	4	12.1	8	7.1	
King George	11	8.2	56	9.4	
King William	3	28.0	11	31.4	
Lancaster	1	50.0	(D)	(D)	
Lee	15	8.2	34	10.3	
Loudoun	59	3.9	281	5.3	
Louisa	11	10.0	24	10.5	
Lunenburg	8	10.2	23	15.6	
Madison	23	5.4	615	3.2	
Mathews	1	27.6	(D)	(D)	
Mecklenburg	15	8.6	23	12.6	
Middlesex	3	14.4	17	7.9	
Montgomery	11	7.8	54	11.2	
Nelson	31	4.8	1 421	1.5	
New Kent	2	20.5	(D)	(D)	
Northampton	3	19.3	(D)	(D)	
Northumberland	3	19.6	10	29.3	
Nottoway	4	17.4	8	26.7	
Orange	17	7.3	276	1.8	
Page	10	8.4	57	5.7	
Patrick	62	4.1	812	4.3	
Pittsylvania	23	6.5	99	11.4	
Powhatan	3	14.3	10	9.3	
Prince Edward	11	7.5	56	4.6	
Prince George	3	13.2	9	13.3	
Prince William	6	14.1	15	15.7	
Pulaski	6	10.4	24	11.8	
Rappahannock	53	3.1	1 503	3.0	
Richmond	1	40.0	(D)	(D)	
Roanoke	30	4.8	346	5.6	
Rockbridge	11	8.5	73	10.1	
Rockingham	46	3.9	2 150	1.7	
Russell	6	14.8	7	18.2	
Scott	12	9.3	35	10.3	
Shenandoah	25	5.4	2 668	6.6	
Smyth	10	9.4	138	5.3	
Southampton	5	15.5	51	17.7	
Spotsylvania	4	19.2	28	22.2	
Stafford	7	10.1	37	15.4	
Surry	3	18.0	10	15.4	
Sussex	1	—	(D)	(D)	
Tazewell	9	9.8	16	12.0	
Warren	8	6.3	(D)	(D)	
Washington	14	8.9	17	12.5	
Westmoreland	12	8.6	96	4.1	
Wise	5	12.2	57	9.9	
Wythe	13	7.0	99	6.6	
York	6	14.0	23	23.5	
Chesapeake (IC)	8	11.0	20	14.1	
Suffolk (IC)	6	12.7	38	26.8	
Virginia Beach (IC)	9	10.3	39	7.6	

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	42 222	1.9	7 615	20.6	15.3	2.7
Land in farms ----- acres	8 297 011	1.0	424 612	24.0	4.9	1.1
Average size of farm ----- acres	196.5	.9	55.8	15.4	(X)	(X)
Farms by size:						
Less than 10 acres -----	3 357	2.2	1 590	45.1	32.1	9.7
10 to 49 acres -----	10 361	2.4	3 109	26.5	23.1	4.7
Less than 50 acres -----	13 718	2.3	4 699	26.1	25.5	4.9
50 acres or more -----	28 504	1.7	2 916	27.2	9.3	2.3
50 to 99 acres -----	8 464	2.4	1 404	40.4	14.2	5.0
100 to 179 acres -----	7 829	2.0	988	46.1	11.2	4.6
180 acres or more -----	12 211	1.2	524	54.5	4.1	2.1
Harvested cropland ----- farms	34 255	1.8	5 172	21.5	13.1	2.5
----- acres	2 449 013	.7	79 820	24.9	3.2	.8
Farms by value of sales:						
Less than \$1,000 -----	4 601	2.2	3 465	30.4	43.0	7.4
\$1,000 to \$2,499 -----	5 945	2.4	2 204	35.7	27.0	7.0
Less than \$2,500 -----	10 546	2.3	5 669	26.9	35.0	6.1
\$2,500 or more -----	31 676	1.8	1 946	26.2	5.8	1.4
\$2,500 to \$9,999 -----	14 848	2.7	1 522	31.1	9.3	2.6
\$10,000 or more -----	16 828	1.3	424	40.0	2.5	1.0
Market value of agricultural products sold -----\$1,000 ----	2 055 958	.4	24 786	25.7	1.2	.3
Farms by standard industrial classification:						
Crops (01) -----	15 573	2.0	2 958	27.5	16.0	3.7
Livestock (02) -----	26 649	1.8	4 160	29.8	13.5	3.5
Farms by type of organization:						
Individual or family -----	36 866	1.9	6 849	21.4	15.7	2.9
Partnership or corporation -----	5 113	1.4	261	92.9	4.9	4.3
Other -----	243	2.4	-	(X)	-	(X)
Farms by tenure of operator:						
Full owners -----	26 492	2.1	5 942	22.5	18.3	3.4
Part owners and tenants -----	15 730	1.6	1 425	33.9	8.3	2.6
Part owners -----	12 599	1.5	1 388	34.7	9.9	3.1
Tenants -----	3 131	2.0	38	58.8	1.2	.7
Operators by place of residence:						
On farm operated -----	30 940	1.8	4 961	21.7	13.8	2.6
Not on farm operated -----	8 071	2.0	1 357	46.5	14.4	5.6
Not reported -----	3 211	2.0	1 297	40.8	28.8	8.5
Operators by principal occupation:						
Farming -----	19 571	1.6	1 905	30.3	8.9	2.4
Other -----	22 651	2.2	5 152	24.2	18.5	3.7
Operators by sex:						
Male -----	37 993	1.8	7 011	21.5	15.6	2.9
Female -----	4 229	2.1	357	66.1	7.8	4.7
Operators by race:						
White -----	40 838	1.8	6 674	20.9	14.0	2.5
Black and other races -----	1 384	2.5	384	59.7	21.7	10.1
Operators by years on present farm:						
4 years or less -----	4 763	2.0	1 136	38.4	19.3	5.9
5 years or more -----	29 329	1.8	3 842	24.4	11.6	2.5
Average years on present farm -----	19.8	2.6	12.6	24.6	(X)	(X)
Not reported -----	8 130	2.1	2 636	32.3	24.5	6.1
Average age of operator -----	55.6	.1	55.5	20.1	(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.