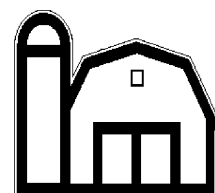


# 1992

## Census of Agriculture

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AC92-S-2

Volume 2  
SUBJECT SERIES

Part 2

## Coverage Evaluation



U.S. Department of Commerce  
Economics and Statistics Administration  
BUREAU OF THE CENSUS

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Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If you have any questions concerning the statistics in this report, call:

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# 1992

## Census of Agriculture

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# Coverage Evaluation

Issued May 1996



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**Economics and Statistics Administration**  
**Everett M. Ehrlich, Under Secretary**  
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# Introduction

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## PURPOSE

The Bureau of the Census conducts an independent coverage evaluation program for each census of agriculture. The evaluation measures accuracy and completeness of farm counts and selected characteristics and provides information useful for improving future mail list development and other processing operations that affect coverage.

## CENSUS AUTHORITY

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191. Beginning in 1982, the census has been taken in years ending in 2 and 7.

## FARM DEFINITION

Minimum criteria defining a farm for census purposes were first established in 1850. Since 1850, the farm definition has been changed eight times. In 1975, the current farm definition was established for data published in the 1974 census as any place from which \$1,000 or more of agricultural products were produced and sold, or

normally would have been sold, during the census year. A place not having sufficient sales to qualify as a farm may qualify with potential sales based on livestock inventory and acres of crops harvested.

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

–	Represents zero.
(D)	Withheld to avoid disclosing data for individual farms.
(H)	Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
(L)	Standard error or relative standard error of estimate is less than .05 percent.
(NA)	Not available.
(S)	Withheld because estimate did not meet publication standards on the basis of the response rate (associated relative standard error) or a consistency review.
(X)	Not applicable.
(Z)	Less than half the unit shown.
cwt	Hundredweight.

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# General Explanation

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## 1992 CENSUS OF AGRICULTURE

### History

The 1992 Census of Agriculture was the 24th taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture questions were asked in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

### Mail List

All agriculture censuses beginning with the 1969 census have primarily used mailout/mailback data collection. The mail list for the 1992 census was comprised of individuals, businesses, and organizations that could be identified as being associated with agriculture. The list was assembled from the records of the 1987 Census of Agriculture, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations were obtained from State and federal agencies, trade associations, and similar organizations. Lists of companies having single units with paid employees or multiple establishments (or locations) producing agricultural products were updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. The total number of records from all sources on the preliminary list was about 12.4 million. Extensive record linkage and mathematical modeling yielded a final mail list of approximately 3.6 million names and addresses that had a substantial probability of being a farm operation.

### Report Forms

In 1992, three different report forms were used—a sample form, a nonsample form, and a screener form—to

minimize the reporting burden, particularly for small farms and places less likely to be farms. The nonsample form was the basic version of the census report form that included questions on acres and land usage, crops and livestock, and operator characteristics. The screener form was the same as the nonsample form except the first section of the form listed crop and livestock items, asked if the respondent had any of the items at any time in 1992, omitted a question on grazing permits, and allowed the respondent to exit the report form if none of the items applied. The sample form contained all the questions asked on the nonsample form plus additional questions on commercial fertilizer, chemicals, production expenses, machinery and equipment, value of land and buildings, and income from farm-related sources. The information collected in the sample sections was used to estimate comparable data for all farms included in the census. There were 11 regional versions of the nonsample and screener forms and 13 regional versions of the sample form with the crop listings varying by region. Volume 1, Geographic Area Series, appendix D contains copies of the sample form and the information sheet.

The sample form was mailed to approximately 29 percent of the addressees on the mail list, including all those expected to be large organizations; all addressees in Alaska, Hawaii, and Rhode Island; all addressees in counties with less than 100 farms in the 1987 Census of Agriculture; and a sample of other addressees. The screener form was mailed to approximately 12 percent of the addressees. The nonsample form was mailed to approximately 59 percent of the addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of Volume 1, Geographic Area Series, appendix C.

### Initial Mailing

The report forms were mailed in mid-December 1992 to approximately 3.6 million individuals, businesses, and organizations on the mail list. The mail packages included a report form with a description of the purposes and uses of the census outlined on the last page, a cover letter, an information sheet containing instructions for completing the form, and a postage paid return envelope. Additional special instructions were included with report forms sent to grazing associations, institutional organizations, Indian reservations, and firms with multiple farm or ranch operations.

Special instructions were also sent to feedlot operations, producers of poultry under contract, bees and honey, fish and other aquaculture products, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of the 1992 Census of Agriculture Report Form Guide booklet were sent to vocational agriculture instructors, county offices of USDA's Consolidated Farm Service Agency (formerly Agriculture Stabilization and Conservation Service), county offices of USDA's Cooperative State Research Education and Extension Service (formerly Cooperative Extension Service), land-grant colleges, State departments of agriculture, and farm organizations. The Guide contained descriptions and definitions of various items in more detail than was contained in the instructions included with each report form. Representatives of the above agencies consented to assist farmers in completing their report forms.

### **Follow-up Procedures**

A thank you/reminder card was mailed to all addressees on the mail list in early January 1993. Four follow-up letters, three of which were accompanied by a report form, were sent to nonrespondents at 5-week intervals beginning in mid-February and continuing until early June 1993.

Telephone calls were made to all large farm operators who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had not achieved a response rate of 75 percent. A nonresponse weight adjustment procedure was used to represent the final nonresponding farms in the census results. A description of this procedure is included in the Census Estimation section of Volume 1, Geographic Area Series, appendix C.

### **Data Processing**

Selected report forms were reviewed prior to data keying. These included reports with attached correspondence, reports with remarks or no classifiable data on the front page, and reports with screener questions indicating no crop or livestock production in 1992. The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were identified and questionable situations clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1987 and 1992. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who

reported sales or acreage above specified levels on non-sample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

## **STUDIES**

### **Methodology**

Many factors affect census coverage. They include the complexity of farm organizational arrangements, continuing changes in operational status, inadequacies of source lists, and difficulty in communicating census definitions and concepts. Extensive efforts are made each census to obtain a complete and accurate count of all farm operations meeting the census farm definition. Evaluations of report form design, mail list construction, and data collection and processing procedures are conducted to improve coverage and accuracy of census data.

A coverage evaluation program for a census is an important means of measuring census completeness. Data from the coverage evaluation program provide independent measures of the number and characteristics of farms not on the mail list, the number of farms incorrectly classified as nonfarms, the number of nonfarms incorrectly classified as farms, and the number of duplicate farms. The program aided in identifying problem areas for future improvements in developing the census mail list, in collecting and processing the data, and in developing report form items.

Coverage evaluation programs are designed to measure errors in the census mail list and in farm classification. Mail list error includes a measurement of "farms not on the mail list" and a measurement of "farms duplicated." The first error contributes to census undercount; the second error contributes to census overcount. Classification error includes a measurement of "farms classified as nonfarms" and "nonfarms classified as farms." The first error contributes to census undercount; the second contributes to census overcount. Both types of classification errors are referred to as misclassified in tables where undercount or overcount are broken out by component.

The difference between the census count and the true size of the population is defined as net coverage error. The census count may be greater than the true size (an overcount), but usually the error is such that the census count is less than the true size (an undercount). The list error of "farms not on the mail list" dominates other errors for small farms. This component varies considerably by geographic area.

### **Application of Past Studies to the Census**

Since 1945, coverage evaluation studies have been conducted for each census of agriculture. These studies



have identified sources of coverage errors. Procedural modifications resulting from these coverage evaluation findings have been introduced into subsequent censuses. Several examples follow.

The 1945 coverage evaluation study showed that operations with sales of less than \$2,500 were a large proportion of the undercounted farms. This was attributed to the instruction interviewers were given to enumerate all places conforming to the farm definition. In 1950, census interviewers were instructed to enumerate all places with specified agricultural activities and the farm definition was applied during the data editing process.

The 1950 coverage evaluation study identified that nonresident farm operators represented a large proportion of the undercounted farms. Two new techniques were introduced in 1954 to reduce this type of undercount – (1) enumerators in selected counties drew the boundaries of each farm and each nonfarm tract on a township sketch, and (2) a listing book was used to record the location and identification of every residence and every agricultural operation in each enumeration district.

Coverage evaluation studies for the 1969 and 1974 censuses indicated that the source lists acquired for mail data collection did not have complete coverage of small farms with sales of agricultural products of less than \$2,500. At the U.S. level, 33 percent ( $\pm 2.1$ )<sup>1</sup> and 27 percent ( $\pm 2.0$ ) of all these small farms in 1969 and 1974, respectively, were undercounted. The 1978 census mail data collection was supplemented by an area sample for the U.S., regional, and State estimates. This dual system estimation reduced the undercount of small farms to about 7 percent ( $\pm 0.5$ ) at the U.S. level. Although this methodology was successful in significantly reducing undercount of small farms, budget constraints have prevented subsequent use of area samples as part of the census estimates.

After the 1982 Census of Agriculture Coverage Evaluation study, data users expressed interest in obtaining State level estimates of farms not on the mail list rather than only U.S. and regional estimates. Rather than constructing a single purpose area frame, selecting a sample, and conducting a field enumeration survey, the Agriculture and Financial Statistics Division (AGFS) of the Census Bureau entered into an agreement with USDA's National Agricultural Statistics Service (NASS) to use the 1987 June Enumerative Survey (JES) as part of the 1987 Census of Agriculture Coverage Evaluation program. The 1987 coverage evaluation provided State estimates of the number of farms not on the mail list, as well as more reliable national and regional estimates of the number of operations incorrectly classified and duplicated than in previous studies.

The duplicates eliminated in analytical review in 1987 tended to be larger farms. It was assumed that smaller duplicates remained undetected in the final data file. Consequently, a new processing procedure was added in the

1992 census processing to attempt to detect all duplicates regardless of size. A series of three different computer programs was run to identify additional duplicates. These programs detected inconsistent linkage codes, matching phone numbers, and multiple data items with equal values from different reports. Potential duplicate groups were reviewed clerically, which resulted in the elimination of 7,500 duplicate records.

## THE 1992 PROGRAM

The coverage evaluation program for the 1992 Census of Agriculture was designed to provide estimates of the components of census coverage at the U. S., regional, and State levels.

Planning for the 1992 Coverage Evaluation program began in August 1991. A committee was formed to identify the goals of the program and the specific tasks to be accomplished, and to provide procedures and documentation to guide the entire coverage evaluation process.

A coverage evaluation unit was created at the Jeffersonville, Indiana processing center. This unit was responsible for clerical review of data used in the coverage evaluation program. An analyst detailed to Jeffersonville from Washington, DC was responsible for analytical review of the data and for the daily operations of the unit.

The primary objective of the 1992 Census of Agriculture Coverage Evaluation program was to measure the accuracy and completeness of farm counts and selected characteristics and to provide information useful for improving future mail list development and other processing operations that affect coverage. As a by-product, the coverage evaluation program provided estimates of the farm count and various characteristics that took account of coverage, classification, and duplication errors present in data published in Volume 1. The 1992 June Agricultural Survey (JAS), conducted by NASS, and the census of agriculture's 1992 Classification Error Survey (CES) were used in the coverage evaluation program. The JAS was used in estimating the number and characteristics of farms not on the mail list for the 1992 census. Preliminary State level estimates of farms not on the mail list and their characteristics were published in table G of Appendix C, Volume 1, Geographic Area Series. The CES was used to estimate the number and characteristics of farms incorrectly classified and duplicated. Results from both the not on the mail list study and the CES are published in this report. The 1992 Coverage Evaluation program published more characteristics of farms not on the mail list and reflected improved processing efficiencies.

## SURVEY DESIGN AND PROCESSING

### June Agricultural Survey (JAS)

Not on the mail list (NML) estimates were generated by using an independent estimate of total farm count in a dual-system estimation model (Wolter, 1986). Rather than

<sup>1</sup>Represents 1.65 standard errors above and below the estimate. Intervals published in Coverage Evaluation reports prior to 1987 represent 2 standard errors above and below the estimate.

constructing an area frame, selecting a sample, and conducting a field enumeration survey, the Census Bureau's AGFS Division entered into a cooperative agreement with NASS to utilize data collected in the JAS. In this agreement, the AGFS Division provided specific requirements for the 1992 JAS data collection to ensure that the resulting data would be appropriate for the census coverage evaluation program. This included the addition of extra whole farm data items to be collected by NASS.

The JAS is an annual sample survey conducted by NASS to measure planted acreage of crops and number of livestock. It provides the basis for several subsequent NASS surveys including the September, December, and March Agricultural Surveys. Enumeration for the area frame portion of the JAS is conducted by personal interview during the first two weeks of June, with a reference date of June 1.

NASS samples from an area frame to conduct the JAS. The basic stratification used by NASS divides all land of a State into about six to eight land use strata such as intensive cultivation, urban areas, and rangeland. Cultivated land is divided into several strata based on the degree of cultivation throughout the State. Primary sample units (PSU's) are land parcels selected within each land use stratum. Each randomly selected PSU is further divided into several ultimate sample units or segments. The size of the PSU's vary, but on the average, each PSU contains about six to eight segments. Each segment contains on the average three farm operations, one of which includes a resident operator. The JAS is a two stage stratified probability area sample of U.S. farm operations. In the first stage, PSU's were selected with probability proportional to the number of segments within each PSU of the stratum. In the second stage, a segment was selected with equal probability from each selected PSU. The land area within each selected segment is completely enumerated so that the segment and not the farm is the primary sampling unit for the JAS. (Note: Refer to Cotter and Nealon, 1987, for more details on the JAS design.)

Once the segments are chosen, an enumerator visits them and establishes who operates the land within the segment, defining the reporting unit (each distinct farm operation) as a tract. Only one farm operation is associated with a tract; however, a farm operation may be comprised of tracts in more than one segment. The 1992 Census of Agriculture estimate of farm count from the JAS was based on a weighted segment estimator which used a proportion of data from each farm operation in the segment regardless of the location of the operator's residence. This differs from the 1987 method. The 1987 Census of Agriculture estimate of farm count from the JAS was based on an open segment estimator, i.e., data was collected only from those farms whose operator's residence was located within the sampled segment.

The weighted segment estimator has been shown to have a slight upward bias due to under reporting of total farm acres (Nealon, 1984). Respondents tend to exclude areas of woodland, wasteland, or idle land from total farm

acres. The bias was lessened in the 1992 census by modifying the weighted segment estimator to use the census estimate of total farm acres.

## **Census Processing of the June Agricultural Survey**

The Census Bureau received a name and address file of JAS records from NASS in July 1992. The file consisted of names, addresses, and other identifier information for all sample area segment tracts with an indication of agricultural activity. In addition, a list of farm status changes from June through December was received from NASS in early 1993. These changes were checked against the coverage list and necessary farm status corrections were made. An initial computer match of this data file to the census mail list identified all JAS area sample records as either matched or nonmatched to the census mail list and assigned each record a census file number (CFN) and an evaluation code for census processing. These records were referred to as JAS-census records and were added to the census mail list to be included in the report form mailout.

NASS also transmitted a JAS detail data file to the Census Bureau. It consisted of the requested supplemental data items from the JAS including identifying and whole farm agricultural data. The detail data file and the name and address file were used to create two separate files: a JAS-census control file consisting of JAS identification and weighting information for each record; and a JAS-census detail database containing most of the JAS name and address information and JAS agricultural data.

All report forms mailed in the census were returned to the Census Bureau's Jeffersonville, Indiana processing center. JAS-census cases were sorted out from the main census cases by the evaluation codes. All JAS-census forms were microfilmed upon receipt. A Microfilm Accessing Device (MAD) was used to display forms for analytical review.

The report forms were returned to the main census processing after they had been microfilmed. All cases were sent through normal census processing, including data entry and the edit and imputation system. The data from nonmatched JAS-census cases were removed from census processing before tabulation and analytical review of aggregate census estimates.

JAS-census cases that did not respond to the census received the same type of mail follow up as regular census cases. However, after specified cut-off dates (based on the processing schedule), all JAS-census nonrespondents were telephoned in an attempt to obtain information. Using JAS information, data was imputed for those cases not responding after telephone follow up.

An automated control system was developed to monitor records as they moved through census processing. The control system was designed to allow interactive updates to the JAS census control file and also to generate progress reports showing the number of report forms received and where they were located in the processing sequence.

The JAS reference date was June 1, 1992, while the census reference period covered January 1, 1992 through December 31, 1992. Consequently, some JAS records that were considered to be nonfarms in June could become farms if the JAS was conducted at the same time as the census. If census, but not JAS, processing determined that a place was a farm, the NASS farm definition was applied to the census data for that place to properly classify the record. Farms that became nonfarms between June and December were not a concern since an operation that qualified as a farm anytime during the year was counted as a farm by the census.

During processing, the coverage evaluation unit compared the census data to the JAS data for each matched case to ensure that it was a valid match. The census database was searched to find potential matches to the nonmatched cases using the additional names from the JAS. The census farm status of cases remaining unmatched was determined independently by the coverage evaluation unit. Discrepancies between the census processing unit farm status and the coverage evaluation unit farm status were resolved. This process ensured that there were no incorrectly classified farms or nonfarms among the non-matched cases.

Coverage classification codes were assigned after State closeout to identify the final status of each JAS sample record. This code for each record denoted the JAS farm status, the census processing unit farm status, the coverage evaluation unit farm status, and the relationship to the census mail list.

The required data for NML estimates were transmitted to the headquarters staff on a State-by-State basis after each State closeout for final analytical review. The edited farm data (as determined by census processing) for both the matched and nonmatched farm records constituted the sample for deriving estimates of farms not on the mail list. The methods for producing the NML estimates are detailed in the Estimation Section of this document.

The final NML estimates were reviewed by AGFS Division personnel and then sent for publication.

### **Classification Error Survey (CES)**

The CES was a reinterview of a sample of census cases with a different, shorter, probing report form, designed to gather more information to help determine the true farm status of the operation.

The CES was used to measure classification error and list duplication error. It was designed to measure those farms incorrectly classified as nonfarms, nonfarms incorrectly classified as farms, and farms duplicated on the mail list. This independent sample was selected from a subset of the census of agriculture mail list and was designed to provide census region level estimates of the number of incorrectly classified farms and duplicate farms.

### **Classification Error Survey Design**

The CES used an independent regionally stratified systematic random sample from the census mail list. The

sampling rates within census regions were based on the estimated proportion of farms incorrectly classified and duplicated in 1987 and a specified coefficient of variation. Records ineligible for selection included operations in Alaska and Hawaii, operations with expected sales of \$500,000 or more, multiunits (complex organizational units with farming operations in more than one location - usually a corporation), or abnormal operations (includes Indian reservations, research farms, institutional farms, etc.). These operations were considered inappropriate for a study of classification error due to their uniqueness or the use of more intensive census processing procedures for the operations. No classification error estimates were made for this portion of the census farm universe. With these exclusions, the universe consisted of 3,447,112 mail list records.

An initial sample of 21,299 names and addresses was selected from the CES universe. The sampling rate varied by census geographic region: 1 in 176 in the Northeast, 1 in 166 in the Midwest, 1 in 157 in the South, and 1 in 160 in the West. At designated cut-off dates, the census report form check-in status was obtained for all sample addresses using a unique CES evaluation code set in the census data base at the time of sample selection.

Two phases of census respondents were selected for mailing the survey report form according to date of response with mailouts in April and July, respectively. A total of 16,804 sample survey cases were mailed in the two phases. The mail data collection procedure for each phase required a postcard follow up two weeks after initial mail-out. For each phase, a report form follow up was mailed to nonrespondents four weeks after initial mailout. Telephone calls were made to all who had not responded eight weeks after initial mailout.

### **Census Processing of the Classification Error Survey**

The CES was mailed independently of the regular census mailing. At designated cut-off dates, the 1992 Census of Agriculture report form status was obtained for all sample addresses, using the census database. Only those addresses which had responded to the census were mailed a CES report form (92-A90). The purpose of the report form was to collect agriculture data to measure the accuracy of the census farm counts. Screening questions were initially asked to determine if any person in the household had or was associated with any agriculture operations in 1992. The CES report form contained questions about alternate farm names and addresses used for the operation; farm size, crops, and livestock; and various operator characteristics.

The A90 report forms were microfilmed upon receipt at the Census Bureau's processing center in Jeffersonville, Indiana. The census report forms for all cases selected in the CES were also microfilmed. An automated control system similar to the one designed for the JAS cases was utilized to track CES cases as they proceeded through processing.

A clerical review of the A90 report forms was conducted to classify each record as either a farm or nonfarm. The CES farm status was compared to the census farm status to identify cases which had been incorrectly classified. Duplicated farm records were identified through duplicate search routines. All possible error cases were referred to an analyst for further review. The analyst attempted to reconcile differences using telephone follow ups as needed. Coverage classification codes were assigned to each record to identify its classification (relationship between the census farm status and the CES farm status) for estimation.

Estimates of the number of farms incorrectly classified as nonfarms and characteristics of those farms were derived using the data from the A90 report forms. Duplicate farms were evaluated case by case since past CES surveys have shown that not all data from duplicated farms were actually reported more than once.

Estimates were derived using the formulas shown in the Estimation Section of this document. Estimation data for all error cases were merged to one file for consistency edit and review. The final estimates are published in this report.

## ESTIMATION

The true universe total (T) of all farms in the United States can be represented as the census published farm count (C) plus the number of undercounted farms (U) minus the number of overcounted farms (OV); i.e.,

$$T = C + U - OV \quad (1)$$

The undercount (U) can be split into a component consisting of farms on the census mail list that were incorrectly classified as nonfarms (ICU) and a component consisting of farms not on the census mail list (NML). Likewise, the overcount can be divided into two groups: nonfarms on the census mail list that were incorrectly classified as farms (ICO) and farms duplicated by the census (DUP). The true farm universe total (T) can be represented by:

$$T = C + (NML + ICU) - (ICO + DUP) \quad (2)$$

The estimator  $\hat{T}$  is an application of the Petersen Coverage Error Model (Wolter, JASA, 1986). The model uses an independent survey, here the JAS, in conjunction with the census (adjusted for classification and duplication errors as estimated by CES) to provide an estimate of T, the true universe total of farms. For a variety of reasons, both the census and survey enumerations miss farm operations. The Petersen Coverage Error Model consolidates the estimates from two enumerations to estimate the true total. The model assumes that: (a) both the census and the survey attempt to measure the same universe for the same reference period; (b) census and survey enumerations are independent of one another, i.e., the probability of a farm being on the census mail list is independent of the probability of a farm being enumerated by the survey

## XII GENERAL EXPLANATION

and vice versa; (c) the probability of being missed by either the census or the survey is the same for all farms within a given size category; (d) it is possible to match the survey sample results to the census results without error; (e) spurious events have been eliminated, e.g., duplicates on the census mail list, nonexistent cases in either the survey or the census, and out-of-scope census cases; (f) enough information is collected about the nonresponse cases in both the census and the survey to allow accurate classification; and (g) if poststratification is done, the variable used for poststratification is correctly recorded for all farms. Each farm in the universe can be placed into one of the cells in table A.

Table A. Coverage Error Model

	In survey universe	Not in survey universe	Total
On census mail list .....	$N_{11}$	$N_{12}$	$N_{1+}$
Not on census mail list .....	$N_{21}$	$N_{22}$	NML
Total .....	$N_{+1}$		

Using JAS as the independent survey, the parameters in table A are defined as:

- $N_{11}$  = the number of farms on the census mail list and in the JAS universe resulting from the match of the JAS farms to farm records in the census
- $N_{12}$  = the number of farms on the census mail list but not in the JAS universe
- $N_{21}$  = the number of farms in the JAS universe but not on the census mail list
- $N_{22}$  = the number of farms not on the census mail list and not in the JAS universe
- $N_{1+}$  = the number of farms on the census mail list
- $N_{+1}$  = the number of farms in the JAS universe
- NML = the total number of farms not on the census mail list, and

Useful estimates of those variables are:

- $\hat{N}_{11}$  = the JAS expanded number of farms on the census mail list and in the JAS universe resulting from the match of the JAS area sample farms to farm records in the census (matched farms)
- $\hat{N}_{21}$  = the expanded number of farms in the JAS but not on the census mail list resulting from the match of the JAS area frame sample farms to farm records in the census (nonmatched farms)
- $\hat{N}_{1+}$  = the number of farms on the census mail list adjusted for classification error and list duplication, as determined from the CES.

Since the census mail list and the JAS are assumed to be independent,

$$\frac{\hat{N}_{11}}{\hat{N}_{21}} = \frac{\hat{N}_{12}}{\hat{N}_{22}} = \frac{\hat{N}_{1+}}{NML} \quad (3)$$

Thus, the universe weighted estimator of NML for the farm count is:

$$\widehat{NML} = \hat{N}_{21} \frac{\hat{N}_{1+}}{\hat{N}_{11}} \quad (4)$$

When estimating NML for the farm characteristics, we use:

$$\widehat{NML}_x = \hat{Q}_x \frac{\hat{N}_{1+}}{\hat{N}_{11}} \quad (5)$$

where,

$\hat{Q}_x$  = the JAS weighted segment estimate of characteristic x for farms not on the mail list. (Note that for the farm count,  $\hat{Q}_x = \hat{N}_{21}$ )

and  $\hat{Q}_x$  is computed as:

$$\hat{Q}_x = \sum_{i=1}^L \sum_{j=1}^{p_i} \sum_{k=1}^{n_{ij}} e_{ijk} Y_{ijk} \quad (6)$$

where,

- L = the number of land-use strata
- $p_i$  = the number of substrata in the  $i^{\text{th}}$  land-use stratum
- $n_{ij}$  = the number of segments sampled in the  $ij^{\text{th}}$  substratum
- $e_{ijk}$  = the segment expansion factor—the inverse of the probability of selection for the  $ijk^{\text{th}}$  segment
- $Y_{ijk}$  = the value for the characteristic of the farms in the segment.

To gain more precision in States where there was sufficient data,  $\widehat{NML}_x$  was estimated separately at two levels or poststrata of a size-related variable designated by h.

$$\widehat{NML}_x = \sum_{h=1}^2 \widehat{NML}_{xh} = \sum_{h=1}^2 \hat{Q}_{xh} \frac{\hat{N}_{1+h}}{\hat{N}_{11h}} \quad (7)$$

Farms with sales or total market value of agricultural products less than \$2,500 were assigned to  $h=1$ . Farms with sales or total market value of agricultural products \$2,500 or more were assigned to  $h=2$ . If there were fewer than ten farms contributing to either level of h,  $\widehat{NML}_x$  was computed without separating the data into poststrata.

The maximum likelihood estimate of total farm count provided by the model using NML data only is:

$$\hat{T} = \hat{N}_{1+} + \widehat{NML} \quad (8)$$

where,

$$\hat{N}_{1+} = C + \widehat{ICU} - \widehat{ICO} - \widehat{DUP} \quad (9)$$

Estimates of classification error are based on the counts of farms where such errors in the census were observed in the CES. Sample counts of such errors are expanded to

represent all farms in the region by multiplying by the ratio of all farms in the region to farms sampled in the region for the study. Estimates of  $\widehat{ICU}_x$  and  $\widehat{ICO}_x$  for the regions are:

$$\widehat{ICU}_{xr} = \left( \frac{N_r}{n_r} \right) \sum_{j=1}^{n_r} I_{uj} Y_j \quad (10)$$

$$\widehat{ICO}_{xr} = \left( \frac{N_r}{n_r} \right) \sum_{j=1}^{n_r} I_{oj} Y_j \quad (11)$$

where,

- $N_r$  = the number of census respondents in region r from which the sample was drawn
- $n_r$  = the number of farms in region r selected into the sample
- $I_{uj}$  = 1 if sample farm j is an incorrectly classified undercount error  
0 if not
- $I_{oj}$  = 1 if sample farm j is an incorrectly classified overcount error  
0 if not
- $Y_j$  = the value of the characteristic for farm j.

Estimates of  $\widehat{ICU}_x$  and  $\widehat{ICO}_x$  for the U.S. are obtained by summing estimates for the regions.

Estimates of duplication error,  $\widehat{DUP}$ , are based on counts of farms observed to be reported more than once in the census. Those sample counts are also expanded by  $N_r/n_r$  within each region. When a census report is duplicated by one or more reports, one of the set of matching reports is correct and the others are in error.

To estimate the duplication error, a factor of  $(m-1)/m$  is applied to the characteristic being estimated to account for duplicated farms having a higher probability of selection into CES than the nonduplicated farms. (Kish, 1965)

Therefore, duplication error in a region is estimated by

$$\widehat{DUP}_r = \left( \frac{N_r}{n_r} \right) \sum_{j=1}^{n_r} \{(m_j - 1) / m_j\} Y_j \quad (12)$$

where  $m_j$  is the number of census reports representing the same farm as sample farm j.

The U.S. estimate of DUP is obtained by summing estimates for the regions.

Generalizing from  $\hat{T}$  to  $\hat{T}_x$ , the total for some characteristic x of farm operations, and using a model that includes both NML and classification errors, we have:

$$\hat{T}_x = C_x + \widehat{ICU}_x - \widehat{ICO}_x - \widehat{DUP}_x + \widehat{NML}_x \quad (13)$$

At the region or U.S. level, the census farm counts and other census farm characteristics values were adjusted for farm classification or duplication error. State and division level estimates of  $\widehat{NML}_x$  were not adjusted for classification or duplication errors because estimates of classification

and duplication errors are only available at region or U.S. levels. The bias resulting from not adjusting for classification error at the State level was considered to have less impact on mean square error than the increase in variance incurred by deriving a State level estimate using an approximation of classification error. Division, region, and U.S. estimates were obtained by summing the lower level estimates before adjusting for classification error when applicable.

## RESULTS

The estimated net farm coverage error was 11.1 percent ( $\pm 0.7$ )<sup>2</sup> for the U.S. resulting in an estimated census coverage of 88.9 percent. Approximately 14.6 percent ( $\pm 0.6$ ) of estimated total farms were undercounted and approximately 3.4 percent ( $\pm 0.6$ ) were overcounted. The net farm coverage error rate was 10.7 percent ( $\pm 0.3$ ) in 1974, 3.4 percent ( $\pm 0.4$ ) in 1978, 9.1 percent ( $\pm 2.6$ ) in 1982, and 7.2 percent ( $\pm 0.5$ ) in 1987, as shown in figure 1. The low net farm coverage error in 1978 resulted primarily from the inclusion of the area sample in the census. The net farm coverage error for 1992 was higher than for 1987 due to a significant reduction in the number of duplicates and an increase in the number of undercounted misclassified and "not on the mail list" cases from 1987. Implementation of new processing procedures reduced duplication and reduction of the mail list size increased the "not on the mail list" cases.

Farm counts and values were tabulated by estimated farms, census published farms, undercounted (misclassified and not on the mail list) farms, and overcounted (misclassified and duplicated) farms. U.S. estimates are presented in table B; U.S. and regional estimates in tables 1 through 4 and C; divisional and State estimates in table 5; and divisional estimates in table 6. Table B presents estimated undercounted farms and estimated overcounted farms as a percent of U.S. estimated farm totals by value of sales, standard industrial classification, farms by size, and operator characteristics. The base for this percent is census published farms plus estimated undercounted farms minus estimated overcounted farms. Table C presents the estimated overcount misclassified and overcount duplicated farms by U.S. and region.

For farms with value of agricultural products sold of \$2,500 or more, the net farm coverage error was 3.7 percent ( $\pm 0.5$ ). Of the \$2,500 or more sales group, 6.6 percent ( $\pm 0.4$ ) were undercounted and 2.9 percent ( $\pm 0.5$ ) were overcounted. The net farm coverage error for this group was 6.8 percent ( $\pm 0.5$ ) in 1974, 3.6 percent ( $\pm 0.3$ ) in 1978, 0.5 percent<sup>3</sup> in 1982, and -0.8 percent<sup>4</sup> in 1987, an overcount. This group has a low net farm coverage error because larger farms are more likely to be included in census source lists and were subjected to more intensive processing procedures to ensure that they were included.

The net farm coverage error was 30.8 percent ( $\pm 1.7$ ) for farms with value of agricultural products sold of less than \$2,500. Undercount amounted to 35.5 percent ( $\pm 1.5$ ) and overcount to 4.7 percent ( $\pm 1.9$ ) for these farms. The gross undercounted rate for this group was 27.3 percent ( $\pm 2.0$ ) in 1974, 7.1 percent ( $\pm 2.5$ ) in 1978, 28.6 percent ( $\pm 5.5$ ) in 1982, and 32.3 percent ( $\pm 1.3$ ) in 1987.

From tables B and 1, the estimated number of undercounted farms was 314,611 ( $\pm 14,763$ ) or 14.6 percent ( $\pm 0.6$ ). About 4 of 5 undercounted farms were not on the mail list. The remainder were farms incorrectly classified as nonfarms (misclassified). While about 32.8 percent of the undercounted farms had value of agricultural products sold of \$2,500 or more, only about 12.4 percent of the undercounted farms were larger farms with sales of \$10,000 or more. Of the undercounted farms, 67.8 percent had 49 acres or less, 24.2 percent had from 50 to 179 acres, and 8.0 percent had 180 acres or more. Of the undercounted farms, 81.8 percent were operated by full owners, 9.4 percent by part owners, and 7.9 percent by tenants. About 2 of 3 undercounted farms were livestock farms and 1 of 3 were crop farms.

The estimated number of overcounted farms was 73,905 ( $\pm 5,804$ ) or 3.4 percent ( $\pm 0.6$ ). About 2 of 3 overcounted cases were nonfarms incorrectly classified as farms (misclassified). The remainder were farms with more than one census report (reports duplicated for a single farm or multiple reports for parts of a single farm). Table C presents the estimated overcounted farms included in the census by misclassification and duplication for the U.S. and its regions. The distribution of the two components varies considerably by region. Of the overcounted farms, 39.3 percent had less than 50 acres, 26.8 percent had from 50 to 179 acres, and 33.8 percent had 180 acres or more. Of these farms, 78.7 percent were operated by full owners, 13.0 percent by part owners, and 8.2 percent by tenants. About half of the overcounted farms were livestock farms and half were crop farms.

Census coverage differed by the census regions as shown on the map on page XVIII. The undercount coverage components were lower in the Midwest Region than in the other three census regions as illustrated in figure 2. Overall coverage was substantially more complete for the Midwest Region for all sizes of farms as illustrated in figures 3 and 4 using value of sales and land in farms as measures of size. This is due primarily to the higher proportion of larger farms in the Midwest which are more likely to be included on the source lists for the census.

Tables B, 2, 3, and 4 present data for selected agricultural items for undercounted farms. Tables B and 2 show estimated totals and relative standard errors. Tables 3 and

<sup>2</sup>See footnote 1 on page IX.

<sup>3</sup>Relative standard error was over 100 percent and not published.

<sup>4</sup>Standard error for estimate is essentially zero.

**Table B. Percent Estimated Census Farm Coverage Error for Selected Operation Characteristics: 1992**

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

Characteristics	Estimated farms <sup>1</sup>		Estimated undercounted farms <sup>2</sup>		Estimated overcounted farms <sup>4</sup>		Estimated net error <sup>5</sup>	
	Total (number)	Relative standard error of estimate (percent)	Percent <sup>3</sup>	Standard error of percent	Percent <sup>3</sup>	Standard error of percent	Percent <sup>3</sup>	Standard error of percent
<b>Farms</b> .....	<b>2 160 158</b>	<b>.4</b>	<b>14.6</b>	<b>.4</b>	<b>3.4</b>	<b>.4</b>	<b>11.1</b>	<b>.4</b>
Farms by size:								
Less than 10 acres .....	234 560	2.0	35.3	1.5	4.8	1.8	30.5	1.6
10 to 49 acres .....	502 339	1.1	26.7	.8	3.6	1.1	23.1	.9
Less than 50 acres .....	736 481	1.0	29.4	.8	3.9	.9	25.4	.9
50 acres or more .....	1 427 431	.3	7.2	.3	3.1	.4	4.0	.3
50 to 99 acres .....	321 294	.9	14.6	.8	2.7	1.0	11.9	.9
100 to 179 acres .....	319 742	.6	9.5	.6	3.5	.8	6.0	.8
180 acres or more .....	786 928	.2	3.2	.2	3.2	.3	.1	.3
Farms with harvested cropland .....	1 608 555	.4	10.5	.3	2.9	.4	7.6	.4
Farms by value of sales:								
Less than \$1,000 .....	331 273	1.7	41.1	1.2	4.9	1.5	36.2	1.3
\$1,000 to \$2,499 .....	277 776	1.6	29.0	1.2	4.3	1.7	24.6	1.4
Less than \$2,500 .....	608 242	1.3	35.5	.9	4.7	1.2	30.8	1.0
\$2,500 or more .....	1 556 310	.3	6.6	.2	2.9	.3	3.7	.3
\$2,500 to \$9,999 .....	530 595	.6	12.2	.5	3.1	.7	9.1	.6
\$10,000 or more .....	1 026 207	.2	3.8	.2	2.8	.3	.9	.3
Farms by standard industrial classification:								
Crops (01) .....	936 701	.5	12.2	.5	3.9	.6	8.4	.6
Livestock (02) .....	1 223 476	.6	16.4	.5	3.1	.6	13.3	.6
Farms by type of organization:								
Individual or family .....	1 877 349	.5	15.2	.4	3.0	.5	12.2	.4
Partnership or corporation .....	266 017	.4	9.3	.8	6.4	.9	2.8	1.0
Other .....	14 894	5.8	22.4	4.9	5.3	6.2	17.1	5.9
Farms by tenure of operator:								
Full owners .....	1 307 454	.6	19.7	.5	4.4	.6	15.2	.6
Part owners and tenants .....	849 488	.4	6.4	.4	1.9	.4	4.5	.4
Part owners .....	615 687	.4	4.8	.4	1.6	.4	3.2	.4
Tenants .....	233 865	.9	10.6	.9	2.6	1.0	8.0	1.0
Farms by residence of operator:								
On farm operated .....	1 538 647	.5	13.3	.4	2.7	.5	10.6	.4
Not on farm operated .....	438 217	.8	12.8	.8	5.6	.9	7.2	.9
Not reported .....	182 469	1.8	29.3	1.3	4.7	1.6	24.6	1.5
Farms by principal occupation of operator:								
Farming .....	1 092 466	.3	7.0	.3	3.1	.4	3.9	.4
Other .....	1 030 683	.7	19.5	.5	3.8	.7	15.6	.6
Farms by sex of operator:								
Male .....	1 987 842	.4	13.9	.3	3.3	.4	10.7	.4
Female .....	172 163	2.0	21.6	1.6	5.4	2.1	16.2	1.9
Operators by years on present farm:								
Less than 5 years .....	298 924	1.5	27.0	1.1	2.8	1.5	24.2	1.2
5 years or more .....	1 468 001	.4	10.0	.4	3.2	.4	6.8	.4
Not reported .....	392 935	1.1	22.2	.9	4.9	1.0	17.3	1.0
Average years on present farm (years) .....	18.5	(NA)	(X)	(X)	(X)	(X)	(X)	(X)
Average age of operator (years) .....	52.8	(NA)	(X)	(X)	(X)	(X)	(X)	(X)

<sup>1</sup>Census published farms plus estimated undercounted farms minus estimated overcounted farms.

<sup>2</sup>Includes misclassified farms (farms classified as nonfarms) and farms not on mail list.

<sup>3</sup>Base for percent is estimated farms (column 1).

<sup>4</sup>Includes nonfarms classified as farms and multiple enumerations of 1 farm operation.

<sup>5</sup>Difference of estimated undercounted farms and estimated overcounted farms.

**Table C. Estimated Overcounted Farms: 1992**

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

Geographic area	Estimated total		Misclassified		Duplicate	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
<b>United States</b> .....	<b>73 905</b>	<b>4.8</b>	<b>50 400</b>	<b>6.3</b>	<b>23 505</b>	<b>6.5</b>
Northeast .....	4 182	20.1	3 186	24.7	996	31.4
Midwest.....	27 014	6.5	16 784	9.1	10 229	8.5
South.....	28 506	8.9	20 600	11.3	7 906	13.0
West.....	14 203	10.4	9 829	13.5	4 374	15.2

4 provide acreages and market value of agricultural products. Note that for table B the estimated total (or base for the percents) is estimated total farms (including overcounted farms); while for tables 2, 3, and 4 the base is only the sum of census published and estimated undercounted farms.

The percent estimates for many agricultural data items, such as land in farms and TVP, are much less than the 14.1 percent (± 0.6) estimate of undercounted farms. This can be seen dramatically in figure 4. Thus, it is advisable to consider coverage component estimates for commodity data items as well as for the farm count. Estimates of the total number of undercounted farms or the proportion of undercounted farms alone are not a complete indication of the quality of the census data. The undercount estimates for agricultural data items do not represent total error for these characteristics, probably understating it. Comparable estimates for overcounted farms could not be derived from the coverage evaluation sample nor were estimates for incorrect item reporting on these farms measured. The estimates for the data items in these tables from undercounted farms are likely to contribute a larger proportion of total coverage error than from overreporting of these items for farms included in the census.

Table 2 presents U.S. and regional estimates of percent undercount for the selected crop and livestock items. The estimated number of farms not on the mail list was 252,646 (±13,865), the estimated number of farms incorrectly classified as nonfarms (misclassified) was 61,966 (± 5,884) for an estimated total of 314,611 (± 14,763) undercounted farms. These 314,611 farms have 2.6 percent (± 0.2) of the total census and undercounted farm acreage. The estimated undercounted acres were approximately 25.2 million (± 2.6 million) with the average size undercounted farm having about 80.1 acres<sup>5</sup> compared to 433.4 acres for the average census farm.

Table 3 presents estimates of the land in farms by size of farm for estimated undercounted farms. It was estimated that 97.4 percent<sup>5</sup> of the land in farms in the U.S. was included in the census.

<sup>5</sup>Estimates represent acres or sales on undercounted farms only. Estimates do not represent total undercounted acres or sales in the 1992 Census of Agriculture.

Table 4 presents the estimates for the value of agricultural products sold by sales group. It was estimated that 98.4 percent<sup>5</sup> of the value of agricultural products sold in the U.S. was included in the census. Undercounted farms accounted for 1.5 percent<sup>5</sup> of estimated farms with market value of sales of \$2,500 or more, and 27.3 percent<sup>5</sup> of estimated farms with sales of less than \$2,500.

Tables 5 and 6 present estimates of farms not on the mail list. Table 5 presents the estimates of farms not on the mail list by census divisions and States shown on the map on page XVIII for the number of farms by sales groups, market value of agriculture products sold, standard industrial classification, and selected operator characteristics. Table 6 presents census division estimates of selected agricultural commodities for farms not on the mail list.

## PRECISION OF THE ESTIMATES

While this report presents estimates of coverage and classification errors in census data, those error estimates also contain errors due to estimation procedures. Several types of estimation errors determine how accurately and precisely coverage evaluation errors are estimated. Sampling error is one type of estimation error. When sampling is involved in producing an estimate, different samples will produce different results. If there are no other estimation errors, sampling error is the difference between a particular sample's result and the true value being estimated. Other types of estimation error are collectively called nonsampling error. Sampling and nonsampling errors are discussed in the following sections.

### Sampling Error

Sampling error in the estimates arose from sampling in the JAS and CES surveys as well as in census nonresponse estimation procedures. The exact sampling error for a specific set of survey data cannot be computed since the true data are not known. However, measures of sampling error for the sample design and for the data observed may be estimated. Two measures of sampling error were reported in the tables: the standard error and the relative standard error.



Interpreting the standard error requires assumptions. Within each stratum of the JAS and CES, farms are assumed to be selected randomly and have data that will produce a normal distribution of estimates if all possible samples were processed. If that is true and no other errors are involved, about 67 percent of all possible samples will produce an estimate within one standard error of the true value. About 90 percent of all possible sample estimates would be no farther than 1.65 times the standard error from the true value.

Confidence intervals may be computed using the standard error and the statements above. For example, the estimated net error in the U. S. in table 1 is 11.1 percent with an estimated standard error of approximately 0.4 percent. A 67 percent confidence interval is 10.7 percent to 11.5 percent (i.e., 11.1 percent plus or minus .4). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 67 percent of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 90 percent confidence interval is 10.5 percent to 11.7 percent (i.e., 11.1 percent plus or minus 1.65 times .4). These calculations do not take nonsampling errors into account.

The relative standard error is the standard error for a statistic divided by the estimate of the statistic. In the accompanying tables it is expressed as a percent.

Standard errors for  $\widehat{ICU}$ ,  $\widehat{ICO}$ , and  $\widehat{DUP}$  were computed directly from CES data, just as the estimates themselves were. NML and other results produced by dividing estimates into other estimates are called ratio estimates. Standard errors for ratio estimates were produced using Taylor series approximation methods. Specifically, they were calculated using the sum of variance and covariance terms involving each error or census part of the estimate.

Covariances between data from different States were assumed to be zero. Covariances among variables within the JAS, within the CES, within the census, and between census and CES were computed and used in estimating standard errors.

Poststrata based on the sales breaks were used for computing NML variance estimates at the State level. Division, region, and U.S. NML variance estimates are the sum of corresponding State variance estimates. The formulae for the variance estimators are given in Wolfgang, 1995.

## **Nonsampling Error**

Nonsampling errors for the coverage estimate can be attributed to such sources as incorrectness of the model used for the estimation, flaws in the report form design, incompleteness of the enumerations, inaccuracies in the census and JAS survey list matching procedures, and incorrect or inaccurate data reporting and processing procedures for JAS, CES, and the census. Extensive efforts were made to minimize nonsampling errors in the surveys for this study through the use of quality control and other verification measures.

Failure to classify 0.3 percent (205) of the total JAS sample cases represents a potential source of nonsampling error in the coverage evaluation study. These unclassified cases resulted from households that did not supply all or some of the required data either in the JAS enumeration or on the census report form and could not be contacted after extensive follow-up procedures. These unclassified cases were removed from the sample estimation procedures. No separate adjustment was made to the coverage estimates for these cases, thus resulting in a small potential bias in the estimates of farms not on the mail list.

# REGIONS AND CENSUS DIVISIONS OF THE UNITED STATES

XVIII COVERAGE EVALUATION

1992 CENSUS OF AGRICULTURE

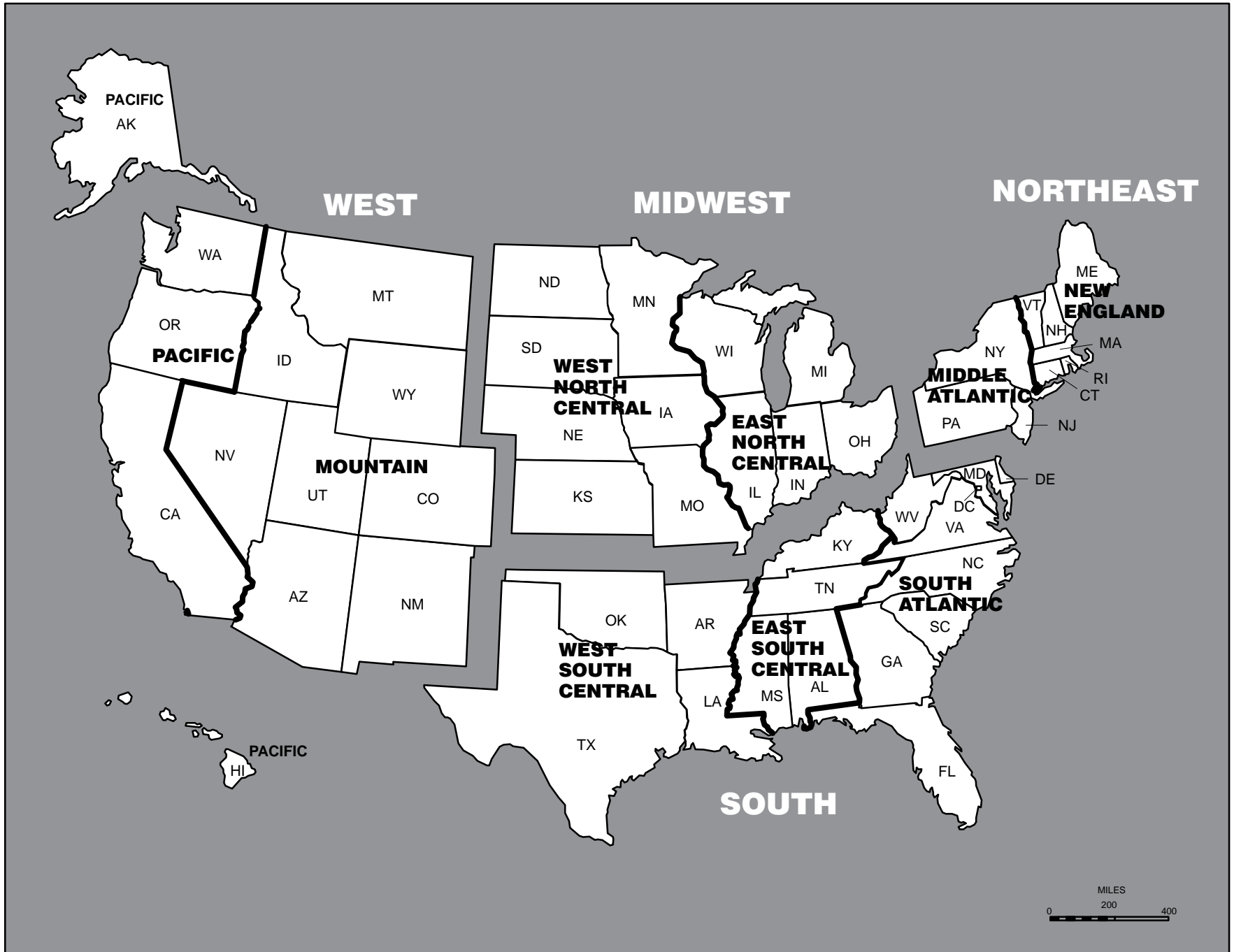


Figure 1. Estimated Net Census Farm Coverage Error: 1974 to 1992

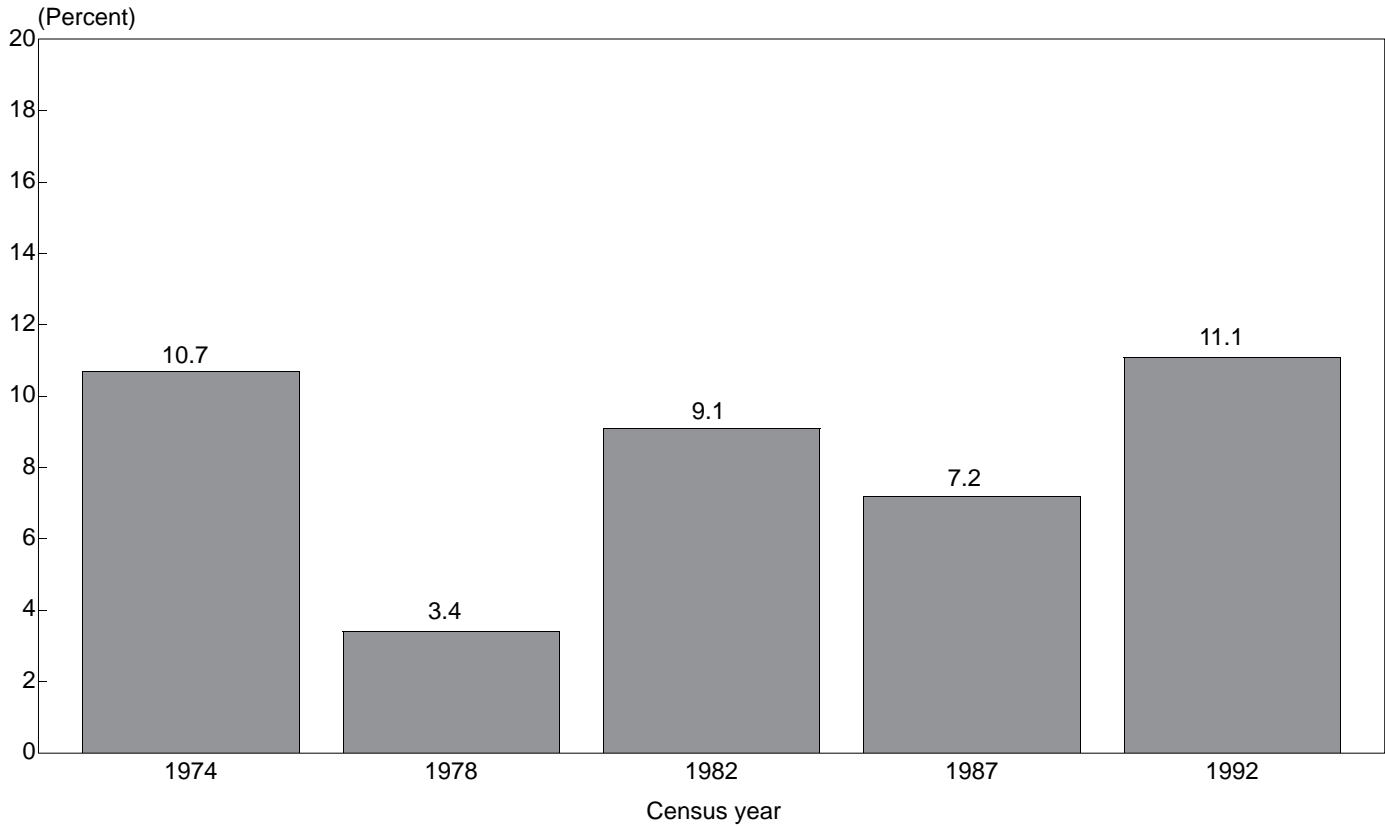


Figure 2. Estimated Census Farm Coverage Error: 1992

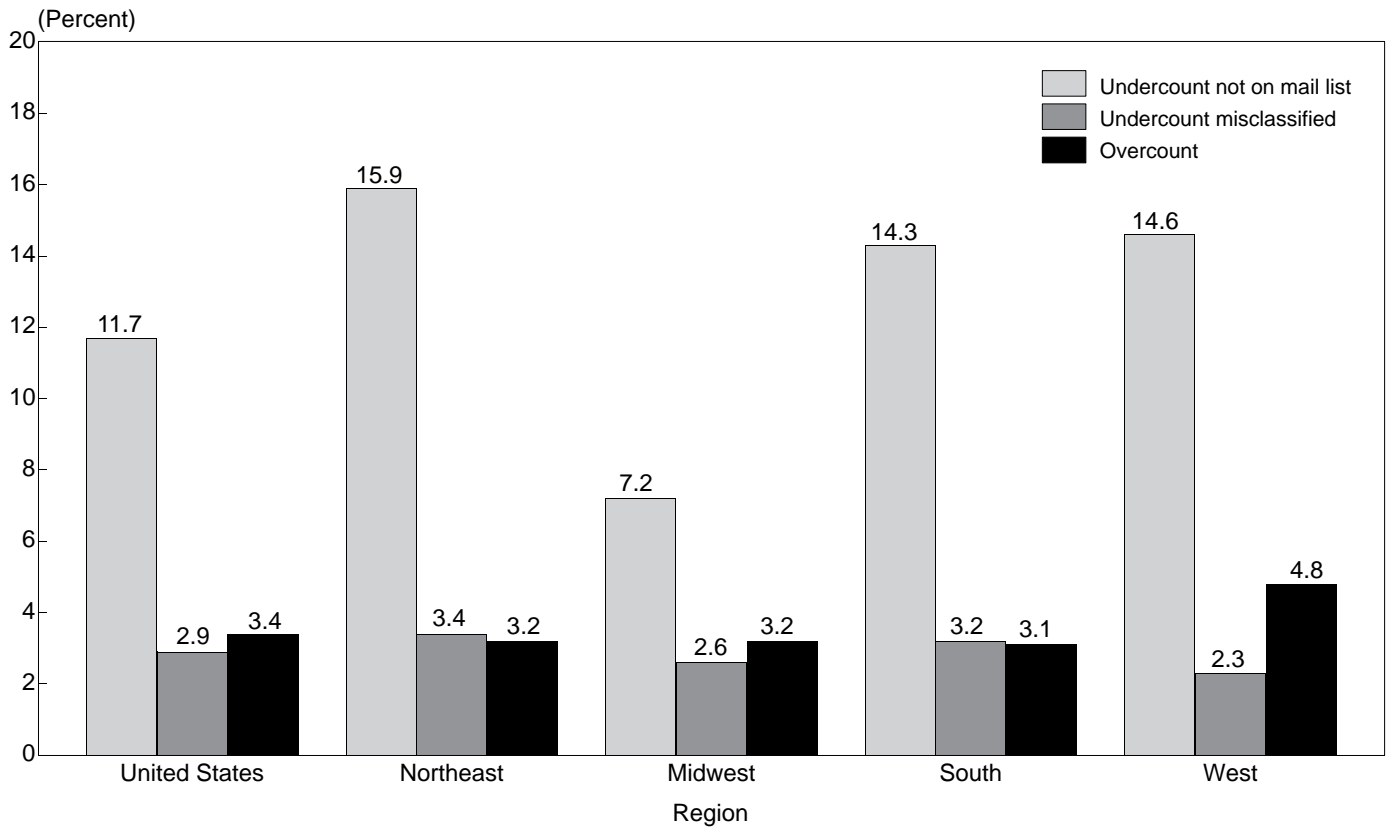


Figure 3. Estimated Net Census Farm Coverage Error by Value of Sales: 1992

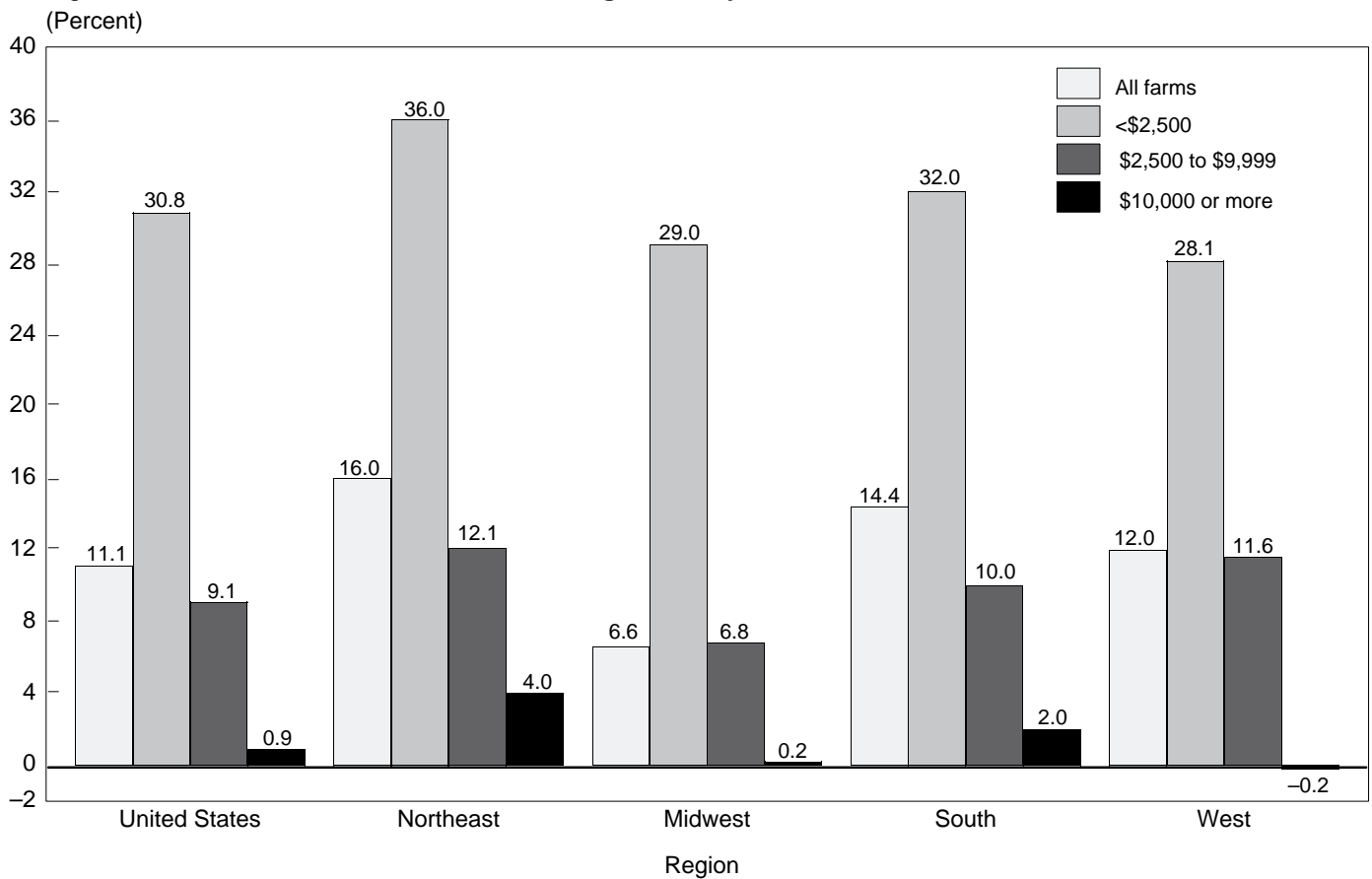
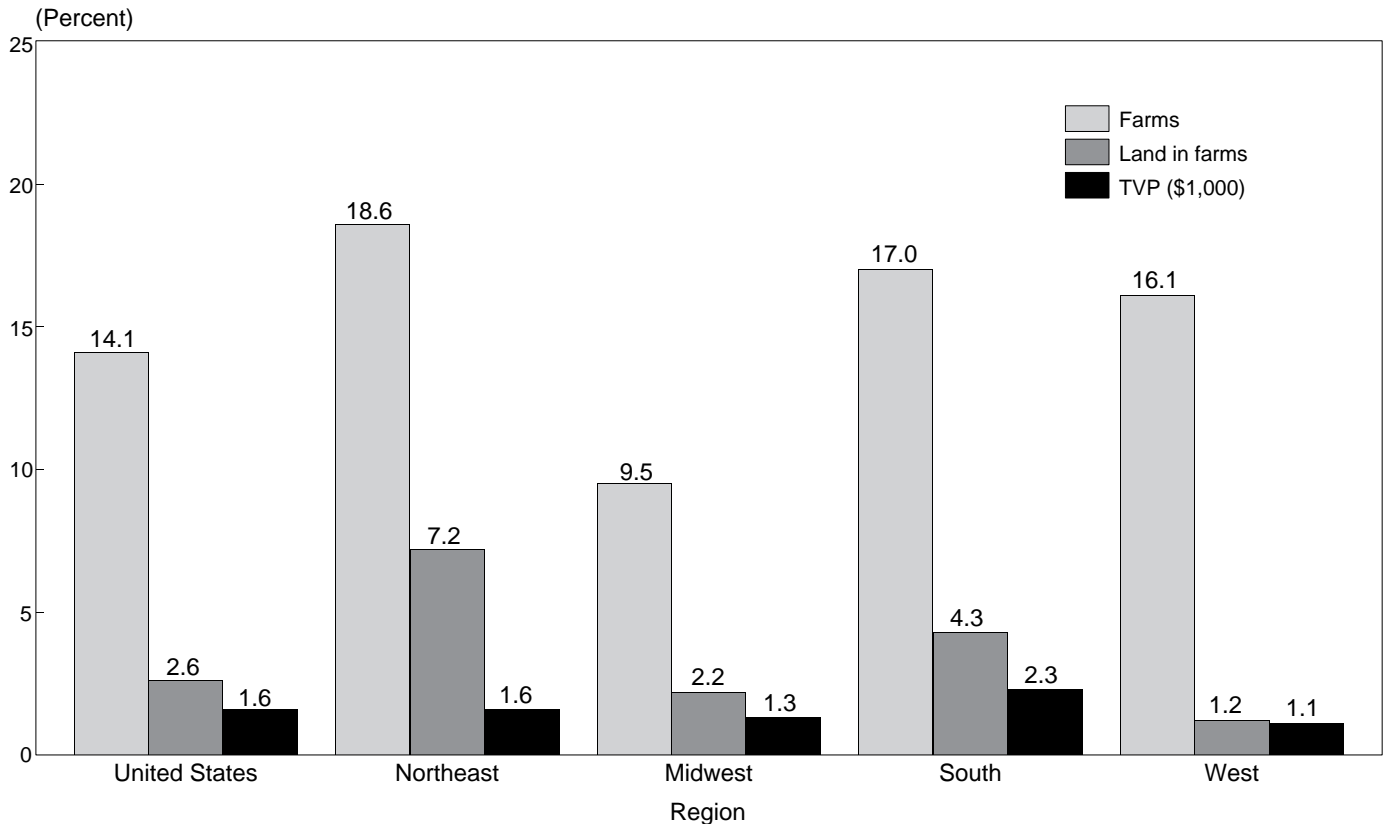
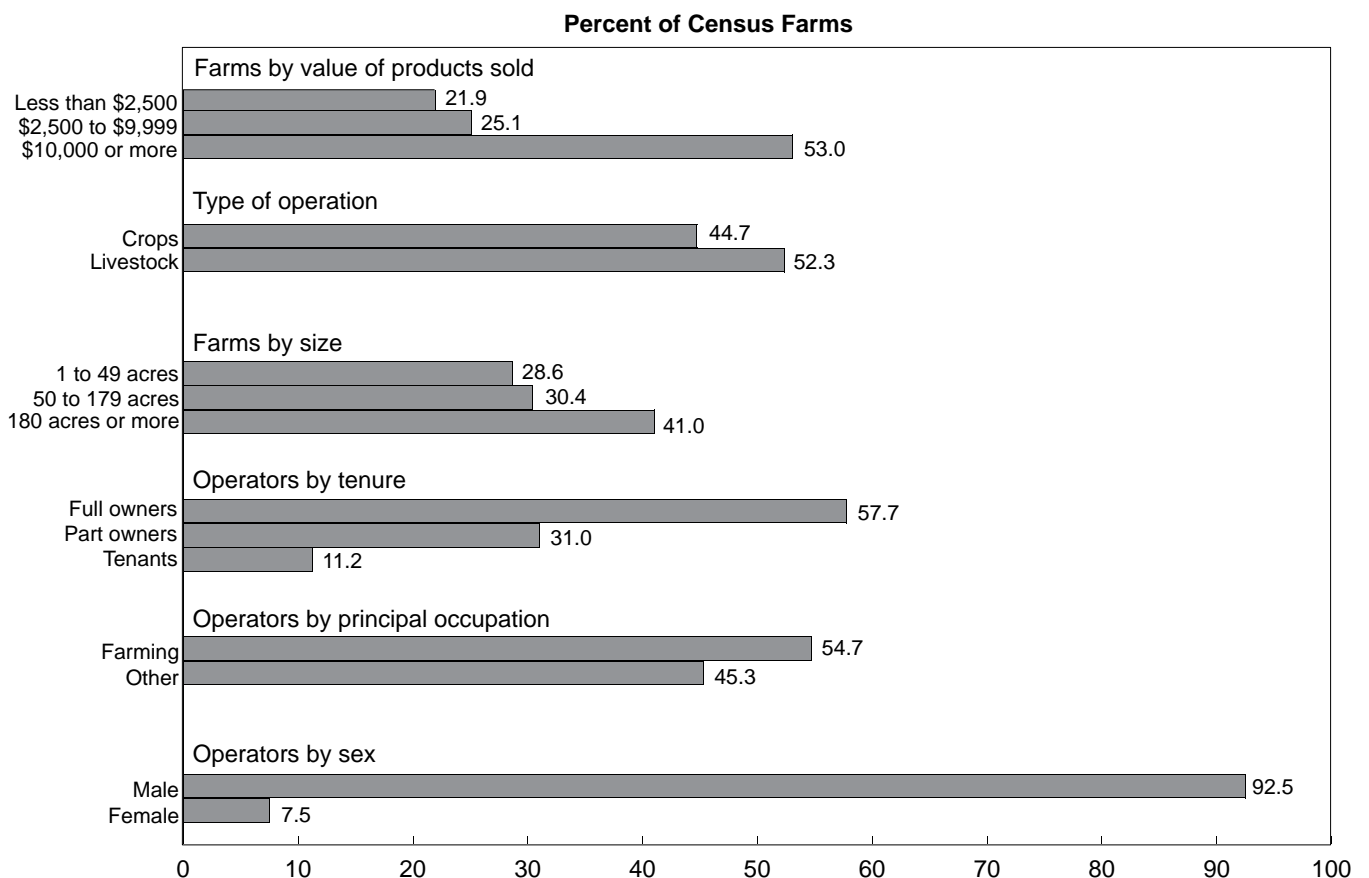
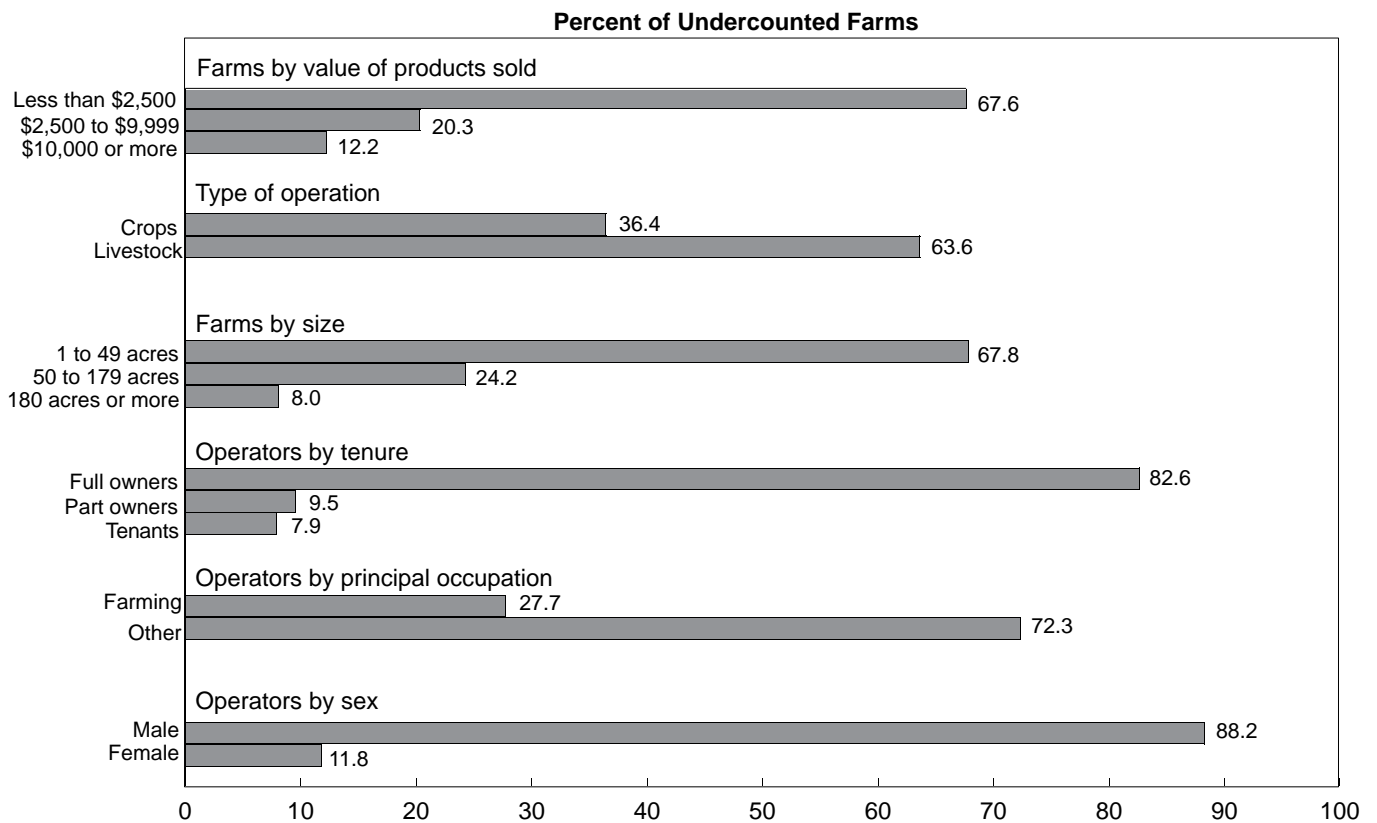


Figure 4. Estimated Undercounted Farms—Farm Count, Land in Farms, and Value of Sales: 1992



Note: Total not adjusted for overcount.

Figure 5. **Composition of Nation's Estimated Undercounted and Census Farms: 1992**





**Table 1. Estimated Census Farm Coverage Error for Selected Operation Characteristics: 1992**

—Con.

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

Geographic area and item	Estimated farms <sup>1</sup>		Estimated net error <sup>2</sup>		Census published farms		Estimated undercounted farms						Estimated overcounted farms	
	Total (number)	Relative standard error of estimate (percent)	Percent	Standard error of percent	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
<b>NORTHEAST—Con.</b>														
Farms by tenure of operator —Con.														
Part owners and tenants —Con.														
Tenants .....	10 414	3.3	12.3	3.7	9 136	1.0	1 477	25.6	(S)	(S)	(S)	(S)	(S)	(S)
Farms by residence of operator:														
On farm operated .....	106 655	1.8	16.1	1.7	89 478	.5	19 467	10.2	3 386	23.9	16 082	11.7	2 290	26.2
Not on farm operated .....	16 016	10.2	19.8	8.9	12 842	.7	4 468	36.8	597	57.5	3 871	41.4	1 295	38.2
Not reported .....	7 343	4.1	5.7	6.6	6 926	.7	1 015	35.7	398	70.5	616	37.9	597	57.5
Farms by principal occupation of operator:														
Farming .....	69 137	1.3	7.6	1.7	63 885	.5	7 443	14.1	1 394	37.6	6 049	15.3	2 191	27.0
Other .....	59 281	3.5	23.5	3.0	45 361	.6	15 912	13.7	2 987	25.5	12 924	16.2	1 992	30.6
Farms by sex of operator:														
Male .....	115 062	1.3	13.8	1.4	99 140	.5	19 507	8.2	3 784	22.6	15 723	9.1	3 585	21.9
Female .....	15 029	13.4	32.8	9.4	10 106	.6	5 520	37.1	597	57.5	4 923	41.0	597	52.5
Operators by years on present farm:														
Less than 5 years .....	17 932	10.7	42.3	6.4	10 342	1.1	7 988	24.4	797	49.8	7 191	26.6	398	70.5
5 years or more .....	92 834	1.3	11.3	1.4	82 334	.5	12 989	10.3	2 987	25.5	10 002	11.4	2 489	25.3
Not reported .....	19 463	4.7	14.9	4.6	16 570	.6	4 188	21.2	597	57.5	3 590	22.9	1 295	38.2
Average years on present farm (years) .....	18.7	(NA)	(X)	(X)	20.4	.7	11.9	(NA)	14.1	29.0	10.9	(NA)	16.4	28.5
Average age of operator (years) .....	51.7	(NA)	(X)	(X)	52.7	.7	48.7	(NA)	52.7	21.5	47.8	(NA)	6.9	20.6
<b>MIDWEST</b>														
Farms .....	831 239	.6	6.6	.6	776 705	.4	81 548	5.6	21 905	7.9	59 643	7.2	27 014	6.5
Farms by size:														
Less than 10 acres .....	58 086	2.9	22.6	2.9	44 942	.4	17 577	11.1	5 405	16.1	12 172	14.5	4 433	17.2
10 to 49 acres .....	141 199	2.2	21.2	1.9	111 217	.4	35 624	9.1	6 543	14.6	29 081	10.8	5 642	15.1
Less than 50 acres .....	199 281	1.9	21.6	1.7	156 159	.4	53 198	7.5	11 948	10.8	41 249	9.2	10 075	11.3
50 acres or more .....	633 271	.5	2.0	.4	620 546	.4	29 664	7.5	9 957	11.9	19 707	9.7	16 938	7.9
50 to 99 acres .....	108 215	1.5	9.5	1.5	97 968	.4	13 258	12.6	2 134	25.7	11 124	14.1	3 011	19.5
100 to 179 acres .....	129 653	.8	3.8	1.0	124 667	.4	8 482	13.5	3 983	18.8	4 500	19.4	3 497	18.6
180 acres or more .....	395 544	.3	-6	.4	397 911	.4	8 064	12.0	3 840	19.1	4 223	15.1	10 431	9.8
Farms with harvested cropland .....	700 269	.6	4.9	.5	665 930	.4	52 795	6.6	14 651	9.8	38 144	8.4	18 456	7.6
Farms by value of sales:														
Less than \$1,000 .....	80 114	3.5	33.3	2.8	53 467	.4	30 985	10.2	6 543	14.6	24 442	12.4	4 338	17.6
\$1,000 to \$2,499 .....	75 677	3.1	24.7	2.6	56 968	.4	21 838	11.4	4 409	17.9	17 429	13.6	3 129	20.0
Less than \$2,500 .....	155 650	2.5	29.0	2.0	110 435	.4	52 683	8.0	10 953	11.3	41 730	9.7	7 468	13.2
\$2,500 or more .....	678 352	.4	1.8	.4	666 270	.4	31 628	7.0	10 953	11.3	20 676	8.9	19 546	7.4
\$2,500 to \$9,999 .....	163 725	.9	6.8	1.1	152 664	.4	16 561	9.9	5 547	15.9	11 014	12.7	5 500	15.2
\$10,000 or more .....	514 837	.4	.2	.4	513 606	.4	15 277	9.7	5 405	16.1	9 872	12.2	14 046	8.5
Farms by standard industrial classification:														
Crops (01) .....	421 046	.7	5.5	.7	397 692	.4	36 831	7.6	10 810	11.4	26 021	9.7	13 477	9.2
Livestock (02) .....	410 196	.8	7.6	.8	379 013	.4	44 720	7.3	11 095	11.2	33 625	9.0	13 537	9.2
Farms by tenure of operator:														
Full owners .....	440 597	.9	10.5	.9	394 465	.4	65 809	6.2	17 211	9.0	48 598	7.8	19 677	7.9
Part owners and tenants .....	390 133	.5	2.0	.5	382 240	.4	15 230	12.2	4 694	17.3	10 536	15.9	7 337	11.3
Part owners .....	284 508	.6	1.3	.6	280 704	.3	8 936	18.2	2 703	22.8	6 234	24.0	5 133	13.3
Tenants .....	105 644	.9	3.9	1.0	101 536	.5	6 313	15.2	1 991	26.6	4 322	18.6	2 205	21.4
Farms by residence of operator:														
On farm operated .....	626 591	.7	6.8	.6	583 863	.3	59 702	6.7	13 797	10.1	45 905	8.2	16 974	8.1
Not on farm operated .....	147 807	.8	3.0	1.1	143 360	.4	12 471	11.1	5 547	15.9	6 924	15.5	8 025	12.1
Not reported .....	57 037	2.2	13.2	2.3	49 482	.4	9 570	14.4	2 560	23.5	7 010	17.7	2 015	25.0
Farms by principal occupation of operator:														
Farming .....	487 387	.5	1.2	.5	481 533	.4	19 675	10.2	7 539	13.6	12 136	14.3	13 821	8.8
Other .....	339 080	1.1	12.9	1.0	295 172	.4	57 101	6.7	14 366	9.8	42 734	8.4	13 193	9.7
Farms by sex of operator:														
Male .....	787 575	.6	6.4	.6	737 134	.4	74 966	5.8	20 056	8.3	54 910	7.4	24 525	6.8
Female .....	43 629	2.4	9.3	2.7	39 571	.4	6 547	17.5	1 849	27.6	4 698	21.8	2 489	21.8
Operators by years on present farm:														
Less than 5 years .....	99 139	2.1	17.7	1.8	81 569	.5	20 427	10.3	2 987	21.7	17 440	11.5	2 857	20.4
5 years or more .....	601 197	.6	4.2	.6	576 053	.3	42 521	7.6	13 513	10.2	29 008	10.1	17 377	8.0
Not reported .....	131 045	1.4	9.1	1.5	119 083	.4	18 742	10.3	5 405	16.1	13 337	12.9	6 780	13.5
Average years on present farm (years) .....	20.1	(NA)	(X)	(X)	20.9	.5	12.1	(NA)	12.7	11.9	10.3	(NA)	15.5	9.1
Average age of operator (years) .....	51.1	(NA)	(X)	(X)	51.5	.5	48.1	(NA)	51.6	8.3	46.7	(NA)	54.2	6.8

See footnotes at end of table.





**Table 1. Estimated Census Farm Coverage Error for Selected Operation Characteristics: 1992**

—Con.

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

Geographic area and item	Estimated farms <sup>1</sup>		Estimated net error <sup>2</sup>		Census published farms		Estimated undercounted farms						Estimated overcounted farms	
	Total (number)	Relative standard error of estimate (percent)	Percent	Standard error of percent	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
<b>WEST—Con.</b>														
Farms by principal occupation of operator:														
Farming .....	147 099	1.1	3.5	1.4	141 971	.3	11 294	16.5	2 040	30.0	9 254	19.1	6 166	15.1
Other .....	140 638	1.7	17.4	1.7	116 129	.4	32 545	7.9	4 636	19.8	27 909	8.8	8 036	14.5
Farms by sex of operator:														
Male .....	260 543	1.0	11.1	1.1	231 648	.3	41 212	6.7	6 120	17.2	35 092	7.4	12 317	11.1
Female .....	32 629	6.0	18.9	5.3	26 452	.5	8 062	24.3	556	57.6	7 506	25.7	1 885	29.7
Operators by years on present farm:														
Less than 5 years .....	49 828	3.5	26.3	2.8	36 733	.5	14 764	12.0	1 484	35.2	13 280	12.8	1 669	30.9
5 years or more .....	199 475	.9	6.6	1.2	186 334	.3	22 985	9.3	3 895	21.7	19 091	10.4	9 845	12.5
Not reported .....	44 101	4.5	20.6	3.8	35 033	.3	11 757	16.5	1 298	37.6	10 459	18.0	2 689	24.8
Average years on present farm (years) .....	16.4	(NA)	(X)	(X)	17.6	.4	10.4	(NA)	11.8	25.0	9.7	(NA)	15.7	14.1
Average age of operator (years) .....	53.2	(NA)	(X)	(X)	53.9	.4	50.1	(NA)	54.9	16.9	49.2	(NA)	57.6	10.7

<sup>1</sup>Census published farms plus estimated undercounted farms minus estimated overcounted farms.

<sup>2</sup>Difference of estimated undercounted farms and estimated overcounted farms.

**Table 2. Estimated Undercount for Selected Agricultural Items: 1992**

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

Geographic area and item	Census published and undercounted farms <sup>1</sup>		Estimated percent undercount	Standard error of percent	Census published farms		Estimated undercounted farms <sup>2</sup>						
	Total (number)	Relative standard error of estimate (percent)			Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)	
<b>UNITED STATES</b>													
Farms .....	2 234 063	.4	14.1	.4	1 919 452	.2	314 611	2.8	61 966	5.8	252 646	3.3	
Land in farms .....	968 210 198	.2	2.6	.2	943 019 626	.1	25 190 572	6.2	7 175 088	16.8	18 015 485	5.7	
Average size of farm .....	433.4	(NA)	(X)	(X)	491.3	.3	80.1	(NA)	115.8	16.9	71.3	(NA)	
Market value of agricultural products sold .....	\$1,000..												
Corn for grain or seed .....	164 649 284	.2	1.6	.2	162 040 930	.1	2 608 355	13.0	794 309	23.7	1 814 046	15.6	
Wheat for grain .....	524 976	.5	4.0	.3	503 935	.3	21 041	8.5	4 883	19.3	16 158	9.5	
Soybeans for beans .....	70 180 146	.3	1.2	.2	69 339 869	.2	840 277	15.7	303 343	34.0	536 934	17.7	
Alfalfa hay .....	299 448	.5	2.3	.3	292 464	.3	6 984	14.1	2 816	23.0	4 167	17.8	
Other hay—tame, small grain, wild, grass silage, green chop, etc. ....	59 598 429	.3	.9	.2	59 089 470	.2	508 959	22.1	280 812	37.3	228 147	18.9	
Cattle and calves inventory .....	393 658	.5	3.2	.4	381 000	.3	12 658	10.9	4 142	20.2	8 517	12.9	
Hogs and pigs inventory .....	57 345 018	.5	1.7	.4	56 351 304	.2	993 714	25.3	601 362	41.1	392 352	14.3	
Sheep and lambs inventory .....	469 157	.6	7.4	.5	434 600	.3	34 557	7.5	5 721	16.7	28 836	8.4	
Horses and ponies inventory .....	23 506 230	.4	3.0	.3	22 792 616	.2	713 614	10.4	180 907	24.5	532 707	11.2	
Other hay—tame, small grain, wild, grass silage, green chop, etc. ....	693 130	.5	9.0	.4	630 926	.2	62 204	5.4	14 466	12.5	47 738	5.9	
Tobacco .....	35 085 453	.3	3.7	.3	33 783 890	.2	1 301 563	7.0	287 595	17.2	1 013 968	7.6	
Vegetables harvested for sale .....	136 003	1.3	8.6	1.1	124 270	.5	11 733	13.3	4 563	23.4	7 170	15.9	
Fruits and nuts .....	848 108	.8	2.0	.7	831 231	.4	16 877	35.8	14 962	40.4	1 914	20.9	
Cattle and calves inventory .....	70 836	1.8	13.4	1.5	61 313	.2	9 523	12.4	755	51.8	8 768	12.7	
Hogs and pigs inventory .....	3 789 796	.1	.3	.1	3 776 967	.1	12 829	32.1	7 831	51.9	4 998	17.4	
Sheep and lambs inventory .....	132 236	1.6	14.0	1.4	113 668	.4	18 568	11.0	3 519	23.5	15 049	12.4	
Horses and ponies inventory .....	4 833 874	.4	2.1	.4	4 732 178	.2	101 696	16.5	17 086	29.1	84 611	18.9	
Hens and pullets of laying age inventory .....	1 234 107	.6	13.0	.4	1 073 343	.2	160 764	3.9	25 752	9.2	135 012	4.3	
Hens and pullets of laying age inventory .....	100 232 152	1.3	4.3	1.3	95 936 593	.1	4 295 559	30.1	840 794	21.9	3 454 765	37.0	
Hens and pullets of laying age inventory .....	222 577	1.2	14.2	1.0	191 049	.3	31 528	8.1	2 306	27.7	29 222	8.5	
Hens and pullets of laying age inventory .....	58 400 429	.4	1.5	.3	57 532 413	.2	868 016	19.6	158 062	45.1	709 954	21.7	
Hens and pullets of laying age inventory .....	96 776	2.0	16.6	1.7	80 750	.2	16 026	11.7	2 036	29.5	13 990	12.7	
Hens and pullets of laying age inventory .....	11 086 057	.7	3.1	.7	10 745 220	.1	340 837	21.0	49 567	37.2	291 270	23.7	
Hens and pullets of laying age inventory .....	420 006	1.1	19.6	.9	337 653	.2	82 353	5.7	14 065	12.1	68 288	6.5	
Hens and pullets of laying age inventory .....	2 459 240	1.3	16.9	1.1	2 044 002	.2	415 238	7.7	77 685	19.1	337 553	8.4	
Hens and pullets of laying age inventory .....	119 717	2.5	28.1	1.7	86 021	.2	33 696	8.7	728	58.4	32 969	8.8	
Hens and pullets of laying age inventory .....	301 942 180	.2	.5	.2	300 549 471	(L)	1 392 709	33.0	36 378	62.1	1 356 331	33.9	

See footnotes at end of table.



**Table 2. Estimated Undercount for Selected Agricultural Items: 1992—Con.**

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

Geographic area and item	Census published and undercounted farms <sup>1</sup>		Estimated percent undercount	Standard error of percent	Census published farms		Estimated undercounted farms <sup>2</sup>					
	Total (number)	Relative standard error of estimate (percent)			Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Misclassified total (number)	Relative standard error of estimate (percent)	Not on mail list total (number)	Relative standard error of estimate (percent)
<b>SOUTH—Con.</b>												
Market value of agricultural products sold—Con.												
Tobacco ----- farms--	125 045	1.4	8.7	1.2	114 221	.6	10 824	14.0	3 795	26.6	7 030	16.2
acres--	806 884	.8	1.9	.7	791 489	.4	15 395	38.9	13 526	44.2	1 870	21.5
Fruits and nuts ----- farms--	47 062	3.2	16.9	2.6	39 127	.5	7 935	18.4	813	57.6	7 122	19.5
acres--	1 591 077	.9	3.0	.8	1 543 272	.3	47 805	27.7	5 421	60.3	42 384	30.3
Cattle and calves inventory -- farms--	592 275	.9	15.8	.7	498 765	.4	93 510	5.1	14 637	13.5	78 873	5.6
number--	37 417 194	3.5	7.7	3.3	34 519 793	.3	2 897 401	44.2	292 741	20.8	2 604 660	49.1
Hogs and pigs inventory ---- farms--	56 236	3.1	25.4	2.2	41 979	.4	14 257	11.6	542	70.6	13 715	11.8
number--	10 714 669	.3	1.7	.3	10 527 674	.1	186 995	16.7	1 626	74.4	185 368	16.9
Sheep and lambs inventory -- farms--	21 046	4.3	17.6	3.5	17 339	.5	3 707	22.9	(S)	(S)	(S)	(S)
number--	2 722 027	.7	2.2	.7	2 662 671	.3	59 356	30.8	(S)	(S)	(S)	(S)
Horses and ponies inventory ----- farms--	168 670	1.7	19.6	1.4	135 558	.4	33 112	8.6	5 692	21.7	27 420	9.4
number--	891 030	1.8	16.2	1.5	747 090	.4	143 940	10.8	26 835	29.1	117 106	11.5
Hens and pullets of laying age inventory ----- farms--	46 708	3.8	28.9	2.6	33 231	.4	13 477	12.8	542	70.6	12 935	13.0
number--	121 555 205	.1	.2	(L)	121 277 135	.1	278 070	17.4	27 106	76.0	250 965	17.4
<b>WEST</b>												
Farms ----- number--	307 454	1.1	16.1	1.0	258 100	.3	49 354	7.1	6 676	16.5	42 678	7.9
Land in farms ----- acres--	306 584 557	.2	1.1	.2	303 060 138	.1	3 524 419	15.0	283 930	41.2	3 240 489	16.0
Average size of farm ----- acres--	997.2	(NA)	(X)	(X)	1174.2	.3	71.4	(NA)	42.5	41.2	75.9	(NA)
Market value of agricultural products sold ----- \$1,000--												
Corn for grain or seed ----- farms--	37 013 289	.3	1.1	.3	36 587 882	.1	425 408	25.0	98 170	66.2	327 238	25.8
acres--	8 193	1.3	2.8	1.2	7 967	.4	226	42.8	—	(X)	226	42.8
Wheat for grain ----- farms--	1 369 418	.3	.2	.1	1 366 427	.3	2 991	45.9	—	(X)	2 991	45.9
acres--	34 099	.7	1.5	.6	33 594	.3	505	36.1	—	(X)	505	36.1
Soybeans for beans ----- farms--	13 525 139	.3	.4	.2	13 465 420	.2	59 719	44.6	—	(X)	59 719	44.6
acres--	28	4.2	(X)	(X)	28	4.2	—	(X)	—	(X)	—	(X)
Alfalfa hay ----- farms--	2 824	7.7	(X)	(X)	2 824	7.7	—	(X)	—	(X)	—	(X)
acres--	68 928	1.4	9.7	1.3	62 212	.3	6 716	14.0	371	70.5	6 345	14.3
Other hay—tame, small grain, wild, grass silage, green chop, etc. ----- farms--	6 326 963	.6	2.4	.5	6 172 404	.2	154 559	21.8	8 345	70.9	146 213	22.7
acres--	48 777	1.6	9.6	1.4	44 086	.3	4 691	15.6	927	44.6	3 764	16.2
Tobacco ----- farms--	4 106 571	.7	2.9	.6	3 986 112	.2	120 459	21.8	19 658	63.2	100 801	23.0
acres--	—	(X)	(X)	(X)	—	(X)	—	(X)	—	(X)	—	(X)
Fruits and nuts ----- farms--	—	(X)	(X)	(X)	—	(X)	—	(X)	—	(X)	—	(X)
acres--	63 387	2.0	11.3	1.8	56 254	.7	7 133	16.4	1 113	40.7	6 020	18.0
Cattle and calves inventory -- farms--	2 775 607	.5	1.5	.4	2 734 287	.4	41 320	23.6	3 153	52.8	38 168	25.2
number--	141 211	1.9	16.5	1.6	117 855	.3	23 356	10.9	2 040	30.0	21 316	11.7
Hogs and pigs inventory ---- farms--	20 722 892	.6	2.0	.7	20 310 084	.1	412 808	32.0	(S)	(S)	(S)	(S)
number--	15 528	7.8	28.0	5.5	11 174	.5	4 354	27.3	—	(X)	4 354	27.3
Sheep and lambs inventory -- farms--	1 356 124	1.0	2.6	1.0	1 320 641	.2	35 483	36.5	—	(X)	35 483	36.5
number--	23 437	3.7	16.6	3.1	19 555	.4	3 882	21.9	371	70.5	3 511	23.0
Horses and ponies inventory ----- farms--	5 394 903	.5	1.8	.5	5 299 521	.1	95 382	29.1	20 956	71.0	74 426	31.7
number--	96 286	2.5	18.3	2.1	78 638	.3	17 648	13.4	2 967	24.8	14 681	15.4
Hens and pullets of laying age inventory ----- farms--	679 405	2.7	14.9	2.3	577 869	.3	101 536	18.0	24 109	46.0	77 427	18.9
number--	22 083	6.7	33.8	4.4	14 616	.5	7 467	19.5	(S)	(S)	(S)	(S)
acres--	48 435 225	.8	1.3	.8	47 825 190	(L)	610 035	66.1	(S)	(S)	(S)	(S)

<sup>1</sup>Differs from estimated farms given in tables B and 1 because overcounted farms are not subtracted from total.

<sup>2</sup>Estimates represent acres, inventory, or sales on undercounted farms only. Estimates do not represent total undercounted acres, inventory, or sales in the 1992 Census of Agriculture.

**Table 3. Land in Farms by Size of Farm for Estimated Undercounted Farms: 1992**

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

Geographic area and item	Census published and undercounted (acres)	Estimated percent undercount	Census published (acres)	Estimated undercount <sup>1</sup>		
				Total (acres)	Misclassified total (acres)	Not on mail list total (acres)
<b>UNITED STATES</b>						
Land in farms -----	968 210 198	2.6	943 019 626	25 190 572	7 175 088	18 015 485
Size of farm:						
Less than 10 acres -----	(NA)	(X)	(NA)	(NA)	63635	(NA)
10 to 49 acres -----	13 435 934	23.3	10 310 447	3 125 487	596 666	2 528 821
Less than 50 acres -----	(NA)	(X)	(NA)	(NA)	660 301	(NA)
50 acres or more -----	(NA)	(X)	(NA)	(NA)	6 514 787	(NA)
50 to 99 acres -----	97 863 003	3.4	94 554 377	3 308 626	549 384	2 759 242
100 to 179 acres -----	57 279 917	7.0	53 249 940	4 029 977	1 364 234	2 665 743
180 acres or more -----	(NA)	(X)	(NA)	(NA)	4 601 169	(NA)

See footnotes at end of table.

**Table 3. Land in Farms by Size of Farm for Estimated Undercounted Farms: 1992—Con.**

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

Geographic area and item	Census published and undercounted (acres)	Estimated percent undercount	Census published (acres)	Estimated undercount <sup>1</sup>		
				Total (acres)	Misclassified total (acres)	Not on mail list total (acres)
<b>NORTHEAST</b>						
Land in farms .....	20 846 037	7.2	19 352 589	1 493 448	414 243	1 079 205
Size of farm:						
Less than 10 acres .....	(NA)	(X)	(NA)	(NA)	2 987	(NA)
10 to 49 acres .....	899 216	30.9	621 213	278 003	46 204	231 799
Less than 50 acres .....	(NA)	(X)	(NA)	(NA)	49 191	(NA)
50 acres or more .....	(NA)	(X)	(NA)	(NA)	365 052	(NA)
50 to 99 acres .....	1 769 069	19.2	1 428 739	340 330	65 721	274 609
100 to 179 acres .....	3 165 444	11.0	2 815 957	349 487	102 764	246 723
180 acres or more .....	(NA)	(X)	(NA)	(NA)	196 566	(NA)
<b>MIDWEST</b>						
Land in farms .....	351 168 519	2.2	343 560 830	7 607 689	3 208 517	4 399 172
Size of farm:						
Less than 10 acres .....	252 467	35.2	163 616	88 851	23 185	656 66
10 to 49 acres .....	3 904 596	21.9	3 050 873	853 723	171 969	681 754
Less than 50 acres .....	4 155 666	22.6	3 214 489	941 177	195 154	746 023
50 acres or more .....	332 283 581	2.0	325 528 971	6 754 610	3 013 363	3 741 246
50 to 99 acres .....	8 262 477	11.4	7 320 038	942 439	154 473	787 966
100 to 179 acres .....	30 543 202	3.8	29 377 865	1 165 337	548 195	617 143
180 acres or more .....	293 490 470	1.6	288 831 068	4 659 402	2 310 696	2 348 706
<b>SOUTH</b>						
Land in farms .....	289 611 085	4.3	277 046 069	12 565 016	3 268 397	9 296 619
Size of farm:						
Less than 10 acres .....	397 460	37.5	248 375	149 085	21 142	127 942
10 to 49 acres .....	6 706 002	26.0	4 962 287	1 743 715	342 886	1 400 829
Less than 50 acres .....	7 102 061	26.6	5 210 662	1 891 399	364 029	1 527 371
50 acres or more .....	282 583 432	3.8	271 835 407	10 748 025	2 904 368	7 843 656
50 to 99 acres .....	11 788 074	15.7	9 933 718	1 854 356	288 946	1 565 409
100 to 179 acres .....	19 751 703	11.0	17 578 405	2 173 298	627 224	1 546 074
180 acres or more .....	251 088 419	2.7	244 323 284	6 765 135	1 988 198	4 776 937
<b>WEST</b>						
Land in farms .....	306 584 557	1.1	303 060 138	3 524 419	283 930	3 240 489
Size of farm:						
Less than 10 acres .....	308 649	37.5	192 861	115 788	16 320	99 468
10 to 49 acres .....	1 976 636	15.2	1 676 074	300 562	35 607	264 955
Less than 50 acres .....	2 280 964	18.1	1 868 935	412 029	51 927	360 102
50 acres or more .....	304 300 887	1.0	301 191 203	3 109 684	232 003	2 877 681
50 to 99 acres .....	2 007 203	8.3	1 840 504	166 699	40 244	126 456
100 to 179 acres .....	3 428 323	9.4	3 107 363	320 960	86 051	234 909
180 acres or more .....	298 872 263	.9	296 243 336	2 628 927	105 709	2 523 218

Note: Although not shown here, the estimates in this table are subject to sampling variability and nonsampling errors.

<sup>1</sup>Estimates represent acres on undercounted farms only. Estimates do not represent total undercounted acres in the 1992 Census of Agriculture.

**Table 4. Market Value of Agricultural Products Sold by Value of Sales for Estimated Undercounted Farms: 1992**

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

Geographic area and item	Census published and undercounted value (\$1,000)	Estimated percent undercount	Census published value (\$1,000)	Estimated undercount <sup>1</sup>		
				Value (\$1,000)	Misclassified value (\$1,000)	Not on mail list value (\$1,000)
<b>UNITED STATES</b>						
Market value of agricultural products sold .....	164 649 284	1.6	162 040 930	2 608 355	794 309	1 814 046
Value of sales:						
Less than \$1,000 .....	84 076	26.5	61 763	22 313	3 767	18 546
\$1,000 to \$2,499 .....	472 934	27.4	343 249	129 685	19 595	110 089
Less than \$2,500 .....	557 010	27.3	405 012	151 998	23 363	128 636
\$2,500 or more .....	169 426 209	1.5	166 938 637	2 487 572	770 947	1 716 626
\$2,500 to \$9,999 .....	2 928 275	10.4	2 623 075	303 200	77 393	225 807
\$10,000 or more .....	166 499 934	1.3	164 315 562	2 184 372	693 554	1 490 818
<b>NORTHEAST</b>						
Market value of agricultural products sold .....	8 552 691	1.6	8 411 961	140 730	21 250	119 480
Value of sales:						
Less than \$1,000 .....	5 769	33.6	3 832	1 937	361	1 576
\$1,000 to \$2,499 .....	31 188	33.0	20 908	10 280	1 020	9 261
Less than \$2,500 .....	36 959	33.1	24 740	12 219	1 381	10 838
\$2,500 or more .....	8 515 492	1.5	8 387 226	128 266	19 869	108 397
\$2,500 to \$9,999 .....	162 275	14.5	138 786	23 489	5 863	17 626
\$10,000 or more .....	8 353 285	1.3	8 248 440	104 845	14 007	90 839

See footnotes at end of table.

**Table 4. Market Value of Agricultural Products Sold by Value of Sales for Estimated Undercounted Farms: 1992—Con.**

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

Geographic area and item	Census published and undercounted value (\$1,000)	Estimated percent undercount	Census published value (\$1,000)	Estimated undercount <sup>1</sup>		
				Value (\$1,000)	Misclassified value (\$1,000)	Not on mail list value (\$1,000)
<b>MIDWEST</b>						
Market value of agricultural products sold .....	68 450 451	1.3	67 567 111	883 340	317 200	566 141
Value of sales:						
Less than \$1,000 .....	24 497	20.6	19 439	5 058	974	4 084
\$1,000 to \$2,499 .....	131 223	26.9	95 988	35 235	7 110	28 126
Less than \$2,500 .....	155 728	25.9	115 427	40 301	8 084	32 217
\$2,500 or more .....	75 011 306	1.1	74 157 057	854 249	309 116	545 133
\$2,500 to \$9,999 .....	937 046	8.4	858 034	79 012	28 587	50 425
\$10,000 or more .....	74 074 773	1.0	73 299 023	775 750	280 529	495 221
<b>SOUTH</b>						
Market value of agricultural products sold .....	50 632 853	2.3	49 473 976	1 158 877	357 689	801 187
Value of sales:						
Less than \$1,000 .....	41 343	29.1	29 292	12 051	1 868	10 183
\$1,000 to \$2,499 .....	247 888	25.0	185 943	61 945	9 069	52 876
Less than \$2,500 .....	289 193	25.6	215 235	73 958	10 937	63 020
\$2,500 or more .....	49 793 107	2.2	48 707 417	1 085 690	346 752	738 938
\$2,500 to \$9,999 .....	1 493 961	10.5	1 336 947	157 014	38 977	118 038
\$10,000 or more .....	46 299 384	1.9	47 370 470	928 914	307 775	621 139
<b>WEST</b>						
Market value of agricultural products sold .....	37 013 289	1.1	36 587 882	425 408	98 170	327 238
Value of sales:						
Less than \$1,000 .....	12 763	27.9	9 200	3 563	563	2 999
\$1,000 to \$2,499 .....	70 814	30.6	49 137	21 677	2 397	19 280
Less than \$2,500 .....	83 588	30.2	58 337	25 251	2 960	22 291
\$2,500 or more .....	36 929 164	1.1	36 529 545	399 619	95 210	304 409
\$2,500 to \$9,999 .....	332 504	12.7	290 308	42 196	3 966	38 229
\$10,000 or more .....	36 596 672	1.0	36 239 237	357 435	91 243	266 192

Note: Although not shown here, the estimates in this table are subject to sampling variability and nonsampling errors.

<sup>1</sup>Estimates represent sales on undercounted farms only. Estimates do not represent total undercounted sales in the 1992 Census of Agriculture.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>NEW ENGLAND</b>						
Farms .....	22 991	.4	5 422	12.5	19.1	2.0
Land in farms .....	3 857 438	.3	314 720	21.7	7.5	1.4
Average size of farm .....	167.8	.5	58.0	16.8	(X)	(X)
Farms by size:						
Less than 10 acres .....	2 843	.8	1 229	29.5	30.2	6.6
10 to 49 acres .....	5 597	.6	2 491	18.7	30.8	4.0
Less than 50 acres .....	8 440	.6	3 720	15.3	30.6	3.3
50 acres or more .....	14 551	.4	1 702	22.2	10.5	2.1
50 to 99 acres .....	3 800	.6	688	37.4	15.3	5.1
100 to 179 acres .....	3 874	.6	674	32.6	14.8	4.2
180 acres or more .....	6 877	.4	339	48.6	4.7	2.1
Harvested cropland .....	19 644	.4	3 927	14.9	16.7	2.1
acres .....	1 312 694	.2	63 683	19.9	4.6	.9
Farms by value of sales:						
Less than \$1,000 .....	3 770	.8	2 192	20.0	36.8	4.7
\$1,000 to \$2,499 .....	3 041	.8	1 238	29.1	28.9	5.8
Less than \$2,500 .....	6 811	.7	3 431	16.0	33.5	3.6
\$2,500 or more .....	16 180	.4	1 991	19.8	11.0	1.9
\$2,500 to \$9,999 .....	5 776	.6	1 218	25.8	17.4	3.7
\$10,000 or more .....	10 404	.3	773	34.7	6.9	2.3
Market value of agricultural products sold .....	\$1,000	.1	27 166	30.0	1.6	.5
Farms by standard industrial classification:						
Crops (01) .....	12 093	.5	2 221	19.3	15.5	2.5
Livestock (02) .....	10 898	.4	3 201	17.2	22.7	3.1
Farms by type of organization:						
Individual or family .....	19 403	.4	4 857	13.0	20.0	2.1
Partnership or corporation .....	3 368	.5	460	50.0	12.0	5.0
Other .....	220	1.8	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners .....	14 362	.5	3 963	15.0	21.6	2.6
Part owners and tenants .....	8 629	.4	1 457	23.3	14.4	2.8
Part owners .....	7 037	.4	1 148	25.8	14.0	3.0
Tenants .....	1 592	.8	309	48.2	16.2	6.7

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>NEW ENGLAND—Con.</b>						
Farms by residence of operator:						
On farm operated ----- farms..	18 979	.4	4 837	13.2	20.3	2.2
Not on farm operated ----- farms..	2 824	.6	281	45.6	9.1	3.8
Not reported ----- farms..	1 188	.9	303	61.6	20.3	9.5
Farms by principal occupation of operator:						
Farming ----- farms..	12 774	.4	1 971	23.6	13.4	2.8
Other ----- farms..	10 217	.6	2 925	17.3	22.3	3.0
Farms by sex of operator:						
Male ----- farms..	19 820	.4	4 825	13.1	19.6	2.1
Female ----- farms..	3 171	.7	597	34.5	15.9	4.6
Farms by race of operator:						
White ----- farms..	22 909	.4	4 895	13.3	17.6	1.9
Black and other races ----- farms..	82	3.6	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	2 150	.9	1 129	29.7	34.4	6.7
5 years or more ----- farms..	17 693	.4	3 339	15.7	15.9	2.2
Not reported ----- farms..	3 148	.6	954	29.7	23.3	5.3
Average years on present farm ----- years..	19.6	.6	16.0	13.3	(X)	(X)
Average age of operator ----- years..	53.2	.6	53.4	4.3	(X)	(X)
<b>MIDDLE ATLANTIC</b>						
Farms ----- number..	86 255	.7	15 192	16.3	15.0	1.9
Land in farms ----- acres..	15 495 151	.5	768 997	13.8	4.7	.6
Average size of farm ----- acres..	179.6	.8	50.6	14.7	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	7 233	.7	3 435	50.1	32.2	10.3
10 to 49 acres ----- farms..	18 022	.8	6 624	17.7	26.9	3.2
Less than 50 acres ----- farms..	25 255	.7	10 059	22.6	28.5	4.2
50 acres or more ----- farms..	61 000	.7	5 134	15.1	7.8	1.0
50 to 99 acres ----- farms..	16 066	.9	3 004	20.3	15.8	2.5
100 to 179 acres ----- farms..	17 296	.9	1 327	27.4	7.1	1.8
180 acres or more ----- farms..	27 638	.6	803	31.5	2.8	.8
Harvested cropland ----- farms..	75 954	.7	11 187	17.9	12.8	1.8
----- acres..	7 887 851	.4	236 003	13.9	2.9	.4
Farms by value of sales:						
Less than \$1,000 ----- farms..	10 532	.9	6 322	19.6	37.5	4.1
\$1,000 to \$2,499 ----- farms..	9 562	.9	4 739	38.2	33.1	8.1
Less than \$2,500 ----- farms..	20 094	.9	11 061	21.9	35.5	4.6
\$2,500 or more ----- farms..	66 161	.7	4 132	14.5	5.9	.8
\$2,500 to \$9,999 ----- farms..	20 113	.9	2 362	18.8	10.5	1.8
\$10,000 or more ----- farms..	46 048	.7	1 770	21.4	3.7	.8
Market value of agricultural products sold ----- \$1,000..	6 725 180	.2	93 347	22.6	1.4	.3
Farms by standard industrial classification:						
Crops (01) ----- farms..	36 832	.7	7 233	25.3	16.4	3.2
Livestock (02) ----- farms..	49 423	.7	7 959	19.4	13.9	2.1
Farms by type of organization:						
Individual or family ----- farms..	74 545	.7	13 678	16.1	15.5	1.9
Partnership or corporation ----- farms..	11 332	.7	1 288	50.6	10.2	4.5
Other ----- farms..	378	1.4	(S)	(S)	(S)	(S)
Farms by tenure of operator:						
Full owners ----- farms..	51 448	.7	11 869	19.7	18.7	2.7
Part owners and tenants ----- farms..	34 807	.7	3 258	19.8	8.6	1.5
Part owners ----- farms..	27 263	.6	2 288	25.3	7.7	1.7
Tenants ----- farms..	7 544	1.2	969	29.5	11.4	3.1
Farms by residence of operator:						
On farm operated ----- farms..	70 499	.7	11 050	15.7	13.6	1.6
Not on farm operated ----- farms..	10 018	.8	3 811	44.3	27.6	8.3
Not reported ----- farms..	5 738	.8	331	45.8	5.5	2.4
Farms by principal occupation of operator:						
Farming ----- farms..	51 111	.6	4 154	19.7	7.5	1.3
Other ----- farms..	35 144	.8	9 722	20.4	21.7	3.2
Farms by sex of operator:						
Male ----- farms..	79 320	.7	10 867	11.8	12.0	1.1
Female ----- farms..	6 935	.8	4 325	46.5	38.4	10.4
Farms by race of operator:						
White ----- farms..	85 924	.7	13 863	15.9	13.9	1.7
Black and other races ----- farms..	331	1.8	(S)	(H)	(S)	(S)
Operators by years on present farm:						
Less than 5 years ----- farms..	8 192	1.3	5 796	31.3	41.4	7.0
5 years or more ----- farms..	64 641	.6	6 603	15.2	9.3	1.2
Not reported ----- farms..	13 422	.7	2 794	29.0	17.2	3.9
Average years on present farm ----- years..	20.6	.9	9.3	14.0	(X)	(X)
Average age of operator ----- years..	52.5	.9	46.3	3.8	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>MIDDLE ATLANTIC—Con.</b>						
<b>New York</b>						
Farms .....	32 306	1.0	5 890	30.6	15.4	4.0
Land in farms .....	7 458 015	.7	365 717	22.9	4.7	1.1
Average size of farm .....	230.9	1.2	62.1	31.3	(X)	(X)
Farms by size:						
Less than 10 acres .....	2 129	1.5	1 946	82.5	47.8	20.6
10 to 49 acres .....	5 201	1.4	1 665	31.2	24.2	5.8
Less than 50 acres .....	7 330	1.4	3 611	47.2	33.0	10.5
50 acres or more .....	24 976	.9	2 279	22.6	8.4	1.8
50 to 99 acres .....	4 891	1.3	1 111	35.3	18.5	5.4
100 to 179 acres .....	6 256	1.3	590	41.7	8.6	3.3
180 acres or more .....	13 829	.8	578	40.5	4.0	1.6
Harvested cropland .....	28 715	1.0	4 988	35.0	14.8	4.5
.....	3 534 898	.5	119 019	22.5	3.3	.7
Farms by value of sales:						
Less than \$1,000 .....	4 056	1.7	1 652	34.7	28.9	7.1
\$1,000 to \$2,499 .....	3 268	1.6	2 504	65.7	43.4	16.1
Less than \$2,500 .....	7 324	1.6	4 156	42.9	36.2	9.9
\$2,500 or more .....	24 982	1.0	1 734	24.7	6.5	1.5
\$2,500 to \$9,999 .....	6 925	1.3	930	32.0	11.8	3.3
\$10,000 or more .....	18 057	1.0	804	34.8	4.3	1.4
Market value of agricultural products sold .....	\$1,000.. 2 622 001	.3	44 601	39.0	1.7	.9
Farms by standard industrial classification:						
Crops (01) .....	13 358	1.1	3 364	49.3	20.1	8.0
Livestock (02) .....	18 948	.9	2 527	24.8	11.8	2.5
Farms by type of organization:						
Individual or family .....	27 346	1.0	5 350	32.8	16.4	4.5
Partnership or corporation .....	4 805	.9	540	56.8	10.1	5.1
Other .....	155	2.3	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners .....	18 924	1.1	4 538	38.4	19.3	6.0
Part owners and tenants .....	13 382	.9	1 352	30.7	9.2	2.6
Part owners .....	11 417	.8	974	38.4	7.9	2.8
Tenants .....	1 965	1.9	378	53.6	16.1	7.3
Farms by residence of operator:						
On farm operated .....	26 939	1.0	3 338	21.7	11.0	2.2
Not on farm operated .....	3 522	1.4	2 443	66.2	41.0	16.0
Not reported .....	1 845	1.1	109	(H)	5.6	5.3
Farms by principal occupation of operator:						
Farming .....	19 934	.9	1 212	33.1	5.7	1.8
Other .....	12 372	1.3	4 410	39.0	26.3	7.6
Farms by sex of operator:						
Male .....	29 452	1.0	3 420	19.7	10.4	1.9
Female .....	2 854	1.4	2 470	66.3	46.4	16.5
Farms by race of operator:						
White .....	32 185	1.0	5 621	31.7	14.9	4.0
Black and other races .....	121	3.1	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years .....	3 146	1.9	2 739	59.8	46.5	14.9
5 years or more .....	24 661	.9	2 338	25.9	8.7	2.1
Not reported .....	4 499	1.1	813	38.9	15.3	5.0
Average years on present farm .....	20.9	1.3	7.0	23.7	(X)	(X)
Average age of operator .....	52.5	1.4	47.4	29.0	(X)	(X)
<b>New Jersey</b>						
Farms .....	9 079	.9	1 366	18.6	13.1	2.2
Land in farms .....	847 595	.5	49 304	25.5	5.5	1.3
Average size of farm .....	93.4	1.0	36.1	18.0	(X)	(X)
Farms by size:						
Less than 10 acres .....	2 099	1.3	419	28.9	16.6	4.1
10 to 49 acres .....	3 726	1.1	700	23.8	15.8	3.2
Less than 50 acres .....	5 825	1.1	1 118	20.0	16.1	2.7
50 acres or more .....	3 254	.7	248	48.6	7.1	3.2
50 to 99 acres .....	1 206	1.1	148	77.6	10.9	7.6
100 to 179 acres .....	873	1.1	68	59.3	7.3	4.0
180 acres or more .....	1 175	.6	31	52.7	2.6	1.3
Harvested cropland .....	7 149	.8	1 111	19.7	13.4	2.3
.....	491 518	.4	14 999	25.5	3.0	.7
Farms by value of sales:						
Less than \$1,000 .....	1 597	1.7	424	37.7	21.0	6.2
\$1,000 to \$2,499 .....	1 539	1.5	355	33.4	18.8	5.1
Less than \$2,500 .....	3 136	1.4	779	27.4	19.9	4.4
\$2,500 or more .....	5 943	.7	587	24.5	9.0	2.0
\$2,500 to \$9,999 .....	2 319	1.2	364	26.1	13.6	3.1
\$10,000 or more .....	3 624	.6	223	45.5	5.8	2.5
Market value of agricultural products sold .....	\$1,000.. 532 988	.1	8 127	36.6	1.5	.6
Farms by standard industrial classification:						
Crops (01) .....	5 862	.8	916	20.5	13.5	2.4
Livestock (02) .....	3 217	1.2	450	34.9	12.3	3.9
Farms by type of organization:						
Individual or family .....	7 553	1.0	1 181	18.7	13.5	2.2
Partnership or corporation .....	1 448	.8	133	84.8	8.4	6.6
Other .....	78	3.0	29	(H)	27.4	20.0

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>MIDDLE ATLANTIC—Con.</b>						
<b>New Jersey—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	6 541	1.0	957	21.4	12.8	2.5
Part owners and tenants ----- farms..	2 538	.7	409	31.1	13.9	3.7
Part owners ----- farms..	1 685	.7	81	50.3	4.6	2.2
Tenants ----- farms..	853	1.3	328	36.2	27.8	7.2
Farms by residence of operator:						
On farm operated ----- farms..	7 059	.9	1 071	20.6	13.2	2.5
Not on farm operated ----- farms..	1 516	1.1	241	42.4	13.7	5.0
Not reported ----- farms..	504	1.6	54	67.4	9.6	5.9
Farms by principal occupation of operator:						
Farming ----- farms..	4 218	.7	225	33.6	5.1	1.7
Other ----- farms..	4 861	1.2	1 000	21.9	17.1	3.1
Farms by sex of operator:						
Male ----- farms..	7 805	.8	1 205	19.5	13.4	2.3
Female ----- farms..	1 274	1.5	161	41.7	11.2	4.2
Farms by race of operator:						
White ----- farms..	8 956	.9	1 212	19.6	11.9	2.1
Black and other races ----- farms..	123	3.1	13	(H)	9.8	8.9
Operators by years on present farm:						
Less than 5 years ----- farms..	831	1.7	504	31.4	37.8	7.5
5 years or more ----- farms..	6 871	.9	651	24.8	8.7	2.0
Not reported ----- farms..	1 377	1.2	211	35.8	13.3	4.2
Average years on present farm ----- years..	18.6	1.2	8.3	25.5	(X)	(X)
Average age of operator ----- years..	53.9	1.2	43.8	17.4	(X)	(X)
<b>Pennsylvania</b>						
Farms ----- number..	44 870	1.1	7 936	21.2	15.0	2.7
Land in farms ----- acres..	7 189 541	.8	353 975	18.1	4.7	.8
Average size of farm ----- acres..	160.2	1.3	44.6	15.6	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	3 005	1.1	1 070	56.7	26.2	10.8
10 to 49 acres ----- farms..	9 095	1.2	4 260	24.3	31.9	5.3
Less than 50 acres ----- farms..	12 100	1.1	5 329	27.9	30.6	5.8
50 acres or more ----- farms..	32 770	1.1	2 607	21.9	7.4	1.5
50 to 99 acres ----- farms..	9 969	1.3	1 746	26.0	14.9	3.3
100 to 179 acres ----- farms..	10 167	1.3	668	39.6	6.2	2.3
180 acres or more ----- farms..	12 634	.9	193	48.7	1.5	.7
Harvested cropland ----- farms..	40 090	1.1	5 088	18.7	11.3	1.9
----- acres..	3 861 435	.7	101 985	18.3	2.6	.5
Farms by value of sales:						
Less than \$1,000 ----- farms..	4 879	1.3	4 246	25.6	46.5	6.3
\$1,000 to \$2,499 ----- farms..	4 755	1.3	1 880	39.4	28.3	8.0
Less than \$2,500 ----- farms..	9 634	1.2	6 126	26.6	38.9	6.3
\$2,500 or more ----- farms..	35 236	1.1	1 811	21.6	4.9	1.0
\$2,500 to \$9,999 ----- farms..	10 869	1.3	1 067	29.5	8.9	2.4
\$10,000 or more ----- farms..	24 367	1.1	743	31.6	3.0	.9
Market value of agricultural products sold ----- \$1,000..	3 570 191	.3	40 619	28.6	1.1	.4
Farms by standard industrial classification:						
Crops (01) ----- farms..	17 612	1.2	2 954	25.6	14.4	3.2
Livestock (02) ----- farms..	27 258	1.0	4 983	28.2	15.5	3.6
Farms by type of organization:						
Individual or family ----- farms..	39 646	1.1	7 147	18.2	15.3	2.4
Partnership or corporation ----- farms..	5 079	1.2	616	91.5	10.8	8.7
Other ----- farms..	145	2.3	85	(H)	37.0	23.4
Farms by tenure of operator:						
Full owners ----- farms..	25 983	1.1	6 374	24.2	19.7	3.8
Part owners and tenants ----- farms..	18 887	1.1	1 497	31.9	7.3	2.2
Part owners ----- farms..	14 161	.9	1 233	35.7	8.0	2.7
Tenants ----- farms..	4 726	1.7	264	62.2	5.3	3.1
Farms by residence of operator:						
On farm operated ----- farms..	36 501	1.0	6 640	23.6	15.4	3.0
Not on farm operated ----- farms..	4 980	1.3	1 128	41.9	18.5	6.4
Not reported ----- farms..	3 389	1.2	168	58.5	4.7	2.6
Farms by principal occupation of operator:						
Farming ----- farms..	26 959	1.0	2 718	26.0	9.2	2.2
Other ----- farms..	17 911	1.2	4 312	22.1	19.4	3.4
Farms by sex of operator:						
Male ----- farms..	42 063	1.1	6 242	17.0	12.9	2.0
Female ----- farms..	2 807	1.3	1 695	68.7	37.6	15.8
Farms by race of operator:						
White ----- farms..	44 783	1.1	7 030	18.0	13.6	2.1
Black and other races ----- farms..	87	3.0	-	(X)	-	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	4 215	2.2	2 552	29.9	37.7	6.9
5 years or more ----- farms..	33 109	1.0	3 614	21.7	9.8	2.0
Not reported ----- farms..	7 546	1.1	1 770	41.9	19.0	6.4
Average years on present farm ----- years..	20.9	1.4	11.3	21.0	(X)	(X)
Average age of operator ----- years..	52.2	1.5	45.8	14.9	(X)	(X)

See footnotes at end of table.



**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>EAST NORTH CENTRAL</b>						
Farms ----- number..	325 620	.5	35 091	9.7	9.7	.7
Land in farms ----- acres..	82 668 861	.4	1 802 291	10.5	2.1	.2
Average size of farm ----- acres..	253.9	.6	51.4	9.1	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	21 751	.6	7 222	19.0	24.9	3.5
10 to 49 acres ----- farms..	61 523	.5	17 196	13.7	21.8	2.1
Less than 50 acres ----- farms..	83 274	.5	24 418	12.1	22.7	1.9
50 acres or more ----- farms..	242 346	.5	10 673	14.2	4.2	.6
50 to 99 acres ----- farms..	52 807	.5	6 553	19.8	11.0	1.9
100 to 179 acres ----- farms..	58 138	.6	2 439	27.5	4.0	1.0
180 acres or more ----- farms..	131 401	.5	1 682	23.0	1.3	.3
Harvested cropland ----- farms..	288 671	.5	24 494	11.0	7.8	.7
----- acres..	58 921 189	.4	697 586	13.1	1.2	.2
Farms by value of sales:						
Less than \$1,000 ----- farms..	26 360	.6	16 524	14.9	38.5	3.2
\$1,000 to \$2,499 ----- farms..	28 792	.5	8 220	18.1	22.2	3.1
Less than \$2,500 ----- farms..	55 152	.5	24 744	12.4	31.0	2.3
\$2,500 or more ----- farms..	270 468	.5	10 347	12.8	3.7	.5
\$2,500 to \$9,999 ----- farms..	70 133	.5	5 591	17.5	7.4	1.2
\$10,000 or more ----- farms..	200 335	.6	4 756	18.8	2.3	.4
Market value of agricultural products sold ----- \$1,000..	24 172 210	.3	244 422	18.4	1.0	.2
Farms by standard industrial classification:						
Crops (01) ----- farms..	183 656	.5	17 262	12.5	8.6	.9
Livestock (02) ----- farms..	141 964	.5	17 829	12.2	11.2	1.1
Farms by type of organization:						
Individual or family ----- farms..	278 745	.5	32 723	10.0	10.5	.8
Partnership or corporation ----- farms..	45 342	.5	1 984	29.5	4.2	1.1
Other ----- farms..	1 533	1.0	(S)	(S)	(S)	(S)
Farms by tenure of operator:						
Full owners ----- farms..	177 211	.5	29 701	10.4	14.4	1.1
Part owners and tenants ----- farms..	148 409	.5	5 369	21.4	3.5	.7
Part owners ----- farms..	111 459	.5	3 556	29.2	3.1	.8
Tenants ----- farms..	36 950	.8	1 813	27.9	4.7	1.2
Farms by residence of operator:						
On farm operated ----- farms..	253 353	.4	28 262	10.7	10.0	.9
Not on farm operated ----- farms..	54 052	.7	3 547	23.2	6.2	1.3
Not reported ----- farms..	18 215	.5	3 282	27.2	15.3	3.5
Farms by principal occupation of operator:						
Farming ----- farms..	184 602	.5	6 199	17.8	3.2	.5
Other ----- farms..	141 018	.5	26 358	11.0	15.7	1.3
Farms by sex of operator:						
Male ----- farms..	307 709	.5	32 561	9.9	9.6	.8
Female ----- farms..	17 911	.5	2 530	32.7	12.4	3.5
Farms by race of operator:						
White ----- farms..	324 610	.5	32 145	9.8	9.0	.7
Black and other races ----- farms..	1 010	1.1	(S)	(H)	(S)	(S)
Operators by years on present farm:						
Less than 5 years ----- farms..	34 365	.8	9 647	15.7	21.9	2.5
5 years or more ----- farms..	242 627	.4	18 416	12.8	7.1	.8
Not reported ----- farms..	48 628	.5	7 029	18.6	12.6	2.0
Average years on present farm ----- years..	20.7	.6	11.1	9.5	(X)	(X)
Average age of operator ----- years..	51.5	.6	46.8	2.4	(X)	(X)
<b>Ohio</b>						
Farms ----- number..	70 711	1.1	10 443	18.0	12.9	2.1
Land in farms ----- acres..	14 247 969	1.0	440 760	22.2	3.0	.7
Average size of farm ----- acres..	201.5	1.4	42.2	17.9	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	5 417	1.1	3 522	29.2	39.4	7.2
10 to 49 acres ----- farms..	15 295	1.0	4 054	28.5	21.0	4.7
Less than 50 acres ----- farms..	20 712	1.0	7 576	21.6	26.8	4.4
50 acres or more ----- farms..	49 999	1.2	2 867	32.6	5.4	1.7
50 to 99 acres ----- farms..	13 988	1.1	2 135	41.5	13.2	4.8
100 to 179 acres ----- farms..	13 880	1.3	434	63.0	3.0	1.9
180 acres or more ----- farms..	22 131	1.3	298	48.5	1.3	.6
Harvested cropland ----- farms..	62 535	1.1	6 333	21.5	9.2	1.8
----- acres..	9 790 327	1.0	176 857	30.4	1.8	.5
Farms by value of sales:						
Less than \$1,000 ----- farms..	6 421	1.3	3 767	31.3	37.0	7.3
\$1,000 to \$2,499 ----- farms..	7 509	1.2	3 032	32.4	28.8	6.6
Less than \$2,500 ----- farms..	13 930	1.2	6 799	23.1	32.8	5.1
\$2,500 or more ----- farms..	56 781	1.2	3 644	25.2	6.0	1.4
\$2,500 to \$9,999 ----- farms..	18 824	.9	1 907	33.8	9.2	2.8
\$10,000 or more ----- farms..	37 957	1.4	1 737	40.1	4.4	1.7
Market value of agricultural products sold ----- \$1,000..	3 914 040	.7	48 732	29.0	1.2	.4
Farms by standard industrial classification:						
Crops (01) ----- farms..	41 797	1.1	3 945	25.3	8.6	2.0
Livestock (02) ----- farms..	28 914	1.0	6 498	21.7	18.4	3.4
Farms by type of organization:						
Individual or family ----- farms..	60 936	1.1	9 930	18.8	14.0	2.3
Partnership or corporation ----- farms..	9 462	1.1	513	61.2	5.1	3.0
Other ----- farms..	313	1.9	—	(X)	—	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>EAST NORTH CENTRAL—Con.</b>						
<b>Ohio—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	41 342	1.0	8 115	20.6	16.4	2.9
Part owners and tenants ----- farms..	29 369	1.2	2 328	31.7	7.3	2.2
Part owners ----- farms..	21 876	1.2	1 461	44.2	6.3	2.6
Tenants ----- farms..	7 493	1.5	867	42.6	10.4	4.0
Farms by residence of operator:						
On farm operated ----- farms..	54 856	1.1	7 142	20.7	11.5	2.1
Not on farm operated ----- farms..	11 805	1.2	1 362	42.9	10.3	4.0
Not reported ----- farms..	4 050	1.1	1 939	40.4	32.4	9.3
Farms by principal occupation of operator:						
Farming ----- farms..	34 604	1.2	1 598	39.7	4.4	1.7
Other ----- farms..	36 107	1.0	8 468	18.8	19.0	3.0
Farms by sex of operator:						
Male ----- farms..	66 482	1.1	9 795	18.5	12.8	2.1
Female ----- farms..	4 229	1.1	648	69.3	13.3	8.0
Farms by race of operator:						
White ----- farms..	70 468	1.1	10 067	17.7	12.5	2.0
Black and other races ----- farms..	243	2.2	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	7 648	1.5	1 720	30.8	18.4	4.6
5 years or more ----- farms..	51 955	1.1	6 180	23.3	10.6	2.2
Not reported ----- farms..	11 108	1.1	2 544	37.2	18.6	5.9
Average years on present farm ----- years..	20.3	1.5	15.2	25.8	(X)	(X)
Average age of operator ----- years..	52.0	1.5	49.3	17.3	(X)	(X)
<b>Indiana</b>						
Farms ----- number..	62 778	1.2	5 663	23.4	8.3	1.7
Land in farms ----- acres..	15 618 831	.9	199 456	23.2	1.3	.3
Average size of farm ----- acres..	248.8	1.4	35.2	18.7	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	5 141	1.3	1 154	39.9	18.3	6.0
10 to 49 acres ----- farms..	14 234	1.2	3 261	33.5	18.6	4.9
Less than 50 acres ----- farms..	19 375	1.2	4 415	28.2	18.6	4.2
50 acres or more ----- farms..	43 403	1.3	1 247	31.3	2.8	.9
50 to 99 acres ----- farms..	11 200	1.2	948	37.2	7.8	2.7
100 to 179 acres ----- farms..	10 068	1.5	172	85.1	1.7	1.4
180 acres or more ----- farms..	22 135	1.2	127	58.2	.6	.3
Harvested cropland ----- farms..	54 252	1.2	3 999	26.5	6.9	1.7
----- acres..	11 834 675	.8	87 920	31.7	.7	.2
Farms by value of sales:						
Less than \$1,000 ----- farms..	4 880	1.3	2 312	40.9	32.1	8.9
\$1,000 to \$2,499 ----- farms..	6 309	1.3	1 805	33.7	22.2	5.8
Less than \$2,500 ----- farms..	11 189	1.3	4 117	29.8	26.9	5.8
\$2,500 or more ----- farms..	51 589	1.2	1 546	27.1	2.9	.8
\$2,500 to \$9,999 ----- farms..	14 901	1.2	1 047	32.9	6.6	2.0
\$10,000 or more ----- farms..	36 688	1.4	499	46.8	1.3	.6
Market value of agricultural products sold ----- \$1,000..	4 633 090	.6	34 901	45.0	.7	.3
Farms by standard industrial classification:						
Crops (01) ----- farms..	38 426	1.2	3 588	28.8	8.5	2.2
Livestock (02) ----- farms..	24 352	1.1	2 075	28.5	7.9	2.1
Farms by type of organization:						
Individual or family ----- farms..	53 105	1.1	5 354	24.4	9.2	2.0
Partnership or corporation ----- farms..	9 343	1.4	244	57.6	2.5	1.4
Other ----- farms..	330	2.0	65	101.6	16.5	13.9
Farms by tenure of operator:						
Full owners ----- farms..	35 868	1.1	4 352	23.3	10.8	2.3
Part owners and tenants ----- farms..	26 910	1.2	1 311	55.9	4.6	2.4
Part owners ----- farms..	20 504	1.1	1 121	64.3	5.2	3.1
Tenants ----- farms..	6 406	1.9	190	73.4	2.9	2.1
Farms by residence of operator:						
On farm operated ----- farms..	48 049	1.1	4 862	25.2	9.2	2.1
Not on farm operated ----- farms..	10 715	1.5	624	42.6	5.5	2.2
Not reported ----- farms..	4 014	1.2	177	70.8	4.2	2.9
Farms by principal occupation of operator:						
Farming ----- farms..	31 547	1.1	721	40.4	2.2	.9
Other ----- farms..	31 231	1.2	4 506	26.3	12.6	2.9
Farms by sex of operator:						
Male ----- farms..	59 671	1.2	5 208	24.0	8.0	1.7
Female ----- farms..	3 107	1.3	454	65.8	12.8	7.3
Farms by race of operator:						
White ----- farms..	62 625	1.1	5 227	24.2	7.7	1.7
Black and other races ----- farms..	153	2.9	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	6 714	1.9	2 762	33.3	29.1	6.8
5 years or more ----- farms..	45 952	1.1	1 940	33.7	4.1	1.3
Not reported ----- farms..	10 112	1.2	961	36.8	8.7	2.9
Average years on present farm ----- years..	20.6	1.5	6.9	33.4	(X)	(X)
Average age of operator ----- years..	51.6	1.6	42.9	21.8	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent	
<b>EAST NORTH CENTRAL—Con.</b>							
<b>Illinois</b>							
Farms .....	77 610	1.1	3 700	28.3	4.6	1.3	
Land in farms .....	27 250 340	.8	274 466	29.3	1.0	.3	
Average size of farm .....	351.1	1.3	74.2	28.0	(X)	(X)	
Farms by size:							
Less than 10 acres .....	5 026	1.3	598	60.9	10.6	5.9	
10 to 49 acres .....	12 191	1.1	1 587	40.1	11.5	4.3	
Less than 50 acres .....	17 217	1.1	2 185	39.9	11.3	4.2	
50 acres or more .....	60 393	1.1	1 516	35.6	2.4	.9	
50 to 99 acres .....	9 114	1.2	868	55.0	8.7	4.4	
100 to 179 acres .....	11 125	1.4	266	70.9	2.3	1.7	
180 acres or more .....	40 154	1.1	381	48.6	.9	.5	
Harvested cropland .....	69 425	1.1	3 073	31.9	4.2	1.4	
..... acres..	21 868 287	.8	131 353	33.0	.6	.2	
Farms by value of sales:							
Less than \$1,000 .....	4 134	1.4	1 097	52.6	21.0	8.7	
\$1,000 to \$2,499 .....	5 044	1.3	1 441	43.2	22.2	7.5	
Less than \$2,500 .....	9 178	1.3	2 537	39.2	21.7	6.6	
\$2,500 or more .....	68 432	1.1	1 163	34.5	1.7	.6	
\$2,500 to \$9,999 .....	12 511	1.1	631	53.2	4.8	2.4	
\$10,000 or more .....	55 921	1.2	532	41.4	.9	.4	
Market value of agricultural products sold .....	\$1,000..	7 336 864	.7	37 839	39.0	.5	.3
Farms by standard industrial classification:							
Crops (01) .....	54 697	1.1	1 891	34.5	3.3	1.1	
Livestock (02) .....	22 913	1.0	1 809	35.3	7.3	2.6	
Farms by type of organization:							
Individual or family .....	65 752	1.0	3 131	27.9	4.5	1.3	
Partnership or corporation .....	11 358	1.3	270	67.6	2.3	1.5	
Other .....	500	2.0	299	98.4	37.4	23.8	
Farms by tenure of operator:							
Full owners .....	34 158	1.1	3 051	27.4	8.2	2.2	
Part owners and tenants .....	43 452	1.1	650	54.4	1.5	.8	
Part owners .....	29 217	1.0	380	79.2	1.3	1.0	
Tenants .....	14 235	1.5	269	68.6	1.9	1.3	
Farms by residence of operator:							
On farm operated .....	55 586	1.0	2 564	32.8	4.4	1.5	
Not on farm operated .....	17 643	1.5	836	49.9	4.5	2.2	
Not reported .....	4 381	1.1	301	61.9	6.4	3.7	
Farms by principal occupation of operator:							
Farming .....	47 875	1.0	553	44.3	1.1	.5	
Other .....	29 735	1.2	3 147	32.4	9.6	3.1	
Farms by sex of operator:							
Male .....	73 985	1.1	3 566	29.0	4.6	1.4	
Female .....	3 625	1.4	134	96.9	3.6	3.3	
Farms by race of operator:							
White .....	77 391	1.1	3 401	26.4	4.2	1.2	
Black and other races .....	219	2.5	-	(X)	-	(X)	
Operators by years on present farm:							
Less than 5 years .....	7 466	2.1	803	44.7	9.7	3.9	
5 years or more .....	58 450	1.0	1 923	36.4	3.2	1.2	
Not reported .....	11 694	1.2	975	50.8	7.7	3.8	
Average years on present farm .....	years..	21.3	1.4	8.4	35.3	(X)	
Average age of operator .....	years..	51.7	1.5	47.1	26.5	(X)	
<b>Michigan</b>							
Farms .....	46 562	.6	7 465	22.7	13.8	2.6	
Land in farms .....	10 088 170	.5	330 086	24.0	3.2	.7	
Average size of farm .....	216.7	.8	44.2	16.1	(X)	(X)	
Farms by size:							
Less than 10 acres .....	2 562	1.0	1 149	48.5	31.0	10.3	
10 to 49 acres .....	11 148	.8	4 192	27.7	27.3	5.4	
Less than 50 acres .....	13 710	.8	5 341	27.5	28.0	5.5	
50 acres or more .....	32 852	.7	2 125	33.0	6.1	1.9	
50 to 99 acres .....	9 013	.8	1 412	43.4	13.5	5.0	
100 to 179 acres .....	8 436	.8	536	47.8	6.0	2.7	
180 acres or more .....	15 403	.7	176	72.2	1.1	.8	
Harvested cropland .....	41 334	.6	4 966	25.5	10.7	2.4	
..... acres..	6 584 251	.5	94 592	28.3	1.4	.4	
Farms by value of sales:							
Less than \$1,000 .....	5 716	.9	4 533	30.1	44.2	7.4	
\$1,000 to \$2,499 .....	5 207	.9	1 291	43.5	19.9	6.9	
Less than \$2,500 .....	10 923	.8	5 824	27.4	34.8	6.2	
\$2,500 or more .....	35 639	.7	1 641	31.1	4.4	1.3	
\$2,500 to \$9,999 .....	11 966	.8	844	47.4	6.6	2.9	
\$10,000 or more .....	23 673	.7	797	38.2	3.3	1.2	
Market value of agricultural products sold .....	\$1,000..	3 028 547	.3	46 808	53.1	1.5	.8
Farms by standard industrial classification:							
Crops (01) .....	28 012	.6	4 148	26.1	12.9	2.9	
Livestock (02) .....	18 550	.7	3 318	31.2	15.2	4.0	
Farms by type of organization:							
Individual or family .....	40 654	.7	7 027	23.4	14.7	2.9	
Partnership or corporation .....	5 747	.6	439	55.4	7.1	3.7	
Other .....	161	2.3	-	(X)	-	(X)	

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>EAST NORTH CENTRAL—Con.</b>						
<b>Michigan—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	27 070	.7	7 206	23.4	21.0	3.8
Part owners and tenants ----- farms..	19 492	.6	260	60.8	1.3	.8
Part owners ----- farms..	16 500	.6	151	74.6	.9	.7
Tenants ----- farms..	2 992	.9	108	100.5	3.5	3.4
Farms by residence of operator:						
On farm operated ----- farms..	38 336	.6	6 881	23.7	15.2	3.0
Not on farm operated ----- farms..	5 682	.8	289	75.8	4.8	3.5
Not reported ----- farms..	2 544	.8	295	77.3	10.4	7.2
Farms by principal occupation of operator:						
Farming ----- farms..	24 396	.6	1 560	35.8	6.0	2.0
Other ----- farms..	22 166	.7	5 030	27.3	18.5	4.0
Farms by sex of operator:						
Male ----- farms..	43 435	.6	6 869	22.5	13.7	2.6
Female ----- farms..	3 127	.9	596	72.6	16.0	9.7
Farms by race of operator:						
White ----- farms..	46 278	.6	6 476	24.0	12.3	2.5
Black and other races ----- farms..	284	2.0	114	100.0	28.6	20.5
Operators by years on present farm:						
Less than 5 years ----- farms..	4 631	1.2	2 056	33.9	30.7	7.1
5 years or more ----- farms..	34 858	.6	4 184	28.4	10.7	2.7
Not reported ----- farms..	7 073	.7	1 225	40.5	14.8	5.0
Average years on present farm ----- years..	21.0	.9	11.7	31.3	(X)	(X)
Average age of operator ----- years..	51.9	.9	47.7	21.5	(X)	(X)
<b>Wisconsin</b>						
Farms ----- number..	67 959	1.0	7 819	19.3	10.3	1.8
Land in farms ----- acres..	15 463 551	.9	557 522	19.3	3.5	.7
Average size of farm ----- acres..	227.5	1.4	71.3	14.8	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	3 605	1.2	799	52.5	18.1	7.8
10 to 49 acres ----- farms..	8 655	1.1	4 102	27.7	32.2	6.0
Less than 50 acres ----- farms..	12 260	1.1	4 901	25.5	28.6	5.2
50 acres or more ----- farms..	55 699	1.1	2 919	24.2	5.0	1.2
50 to 99 acres ----- farms..	9 492	1.0	1 190	35.0	11.1	3.4
100 to 179 acres ----- farms..	14 629	1.1	1 030	48.7	6.6	3.0
180 acres or more ----- farms..	31 578	1.1	699	38.6	2.2	.8
Harvested cropland ----- farms..	61 125	1.0	6 123	21.1	9.1	1.7
----- acres..	8 843 649	.9	206 865	21.9	2.3	.5
Farms by value of sales:						
Less than \$1,000 ----- farms..	5 209	1.3	4 816	26.4	48.0	6.6
\$1,000 to \$2,499 ----- farms..	4 723	1.2	651	62.8	12.1	6.7
Less than \$2,500 ----- farms..	9 932	1.2	5 467	25.4	35.5	5.8
\$2,500 or more ----- farms..	58 027	1.1	2 353	24.3	3.9	.9
\$2,500 to \$9,999 ----- farms..	11 931	1.0	1 162	33.8	8.9	2.7
\$10,000 or more ----- farms..	46 096	1.2	1 191	29.2	2.5	.7
Market value of agricultural products sold ----- \$1,000..	5 259 670	.8	76 142	35.8	1.4	.6
Farms by standard industrial classification:						
Crops (01) ----- farms..	20 724	1.0	3 691	27.4	15.1	3.5
Livestock (02) ----- farms..	47 235	1.1	4 128	22.9	8.0	1.7
Farms by type of organization:						
Individual or family ----- farms..	58 298	1.0	7 281	19.8	11.1	2.0
Partnership or corporation ----- farms..	9 432	1.0	518	70.1	5.2	3.4
Other ----- farms..	229	2.2	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	38 773	.9	6 978	21.2	15.3	2.7
Part owners and tenants ----- farms..	29 186	1.2	821	36.8	2.7	1.0
Part owners ----- farms..	23 362	1.0	443	45.2	1.9	.8
Tenants ----- farms..	5 824	2.0	378	61.2	6.1	3.6
Farms by residence of operator:						
On farm operated ----- farms..	56 526	1.0	6 814	21.0	10.8	2.0
Not on farm operated ----- farms..	8 207	1.3	436	48.6	5.0	2.3
Not reported ----- farms..	3 226	1.1	570	49.5	15.0	6.3
Farms by principal occupation of operator:						
Farming ----- farms..	46 180	1.1	1 767	33.8	3.7	1.2
Other ----- farms..	21 779	1.0	5 206	24.3	19.3	3.8
Farms by sex of operator:						
Male ----- farms..	64 136	1.0	7 122	19.8	10.0	1.8
Female ----- farms..	3 823	1.2	697	62.5	15.4	8.2
Farms by race of operator:						
White ----- farms..	67 848	1.0	6 973	20.5	9.3	1.7
Black and other races ----- farms..	111	3.1	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	7 906	2.1	2 306	31.8	22.6	5.6
5 years or more ----- farms..	51 412	.9	4 189	25.7	7.5	1.8
Not reported ----- farms..	8 641	1.1	1 324	33.7	13.3	3.9
Average years on present farm ----- years..	20.4	1.3	9.6	26.4	(X)	(X)
Average age of operator ----- years..	50.6	1.4	45.2	17.3	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST NORTH CENTRAL</b>						
Farms ----- number..	451 085	.5	25 345	10.6	5.3	.5
Land in farms ----- acres..	260 891 969	.3	2 740 643	15.2	1.0	.2
Average size of farm ----- acres..	578.4	.6	108.1	16.7	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	23 191	.6	4 440	22.4	16.1	2.9
10 to 49 acres ----- farms..	49 694	.5	11 419	17.3	18.7	2.3
Less than 50 acres ----- farms..	72 885	.5	15 860	14.3	17.9	1.8
50 acres or more ----- farms..	378 200	.5	9 485	13.0	2.4	.3
50 to 99 acres ----- farms..	45 161	.6	4 773	19.7	9.6	1.7
100 to 179 acres ----- farms..	66 529	.7	2 026	27.2	3.0	.8
180 acres or more ----- farms..	266 510	.5	2 685	19.8	1.0	.2
Harvested cropland ----- farms..	377 259	.5	14 090	13.0	3.6	.4
----- acres..	120 968 343	.3	917 508	14.4	.8	.1
Farms by value of sales:						
Less than \$1,000 ----- farms..	27 107	.6	6 021	22.0	18.2	3.0
\$1,000 to \$2,499 ----- farms..	28 176	.6	8 451	20.3	23.1	3.3
Less than \$2,500 ----- farms..	55 283	.6	14 472	15.7	20.7	2.2
\$2,500 or more ----- farms..	395 802	.5	10 873	12.4	2.7	.3
\$2,500 to \$9,999 ----- farms..	82 531	.6	5 416	18.3	6.2	1.0
\$10,000 or more ----- farms..	313 271	.5	5 457	15.9	1.7	.3
Market value of agricultural products sold ----- \$1,000..	43 394 900	.2	340 529	19.1	.8	.2
Farms by standard industrial classification:						
Crops (01) ----- farms..	214 036	.5	9 111	15.3	4.1	.6
Livestock (02) ----- farms..	237 049	.5	16 234	13.2	6.4	.7
Farms by type of organization:						
Individual or family ----- farms..	390 118	.5	22 629	11.2	5.5	.5
Partnership or corporation ----- farms..	58 632	.5	2 408	26.3	3.9	1.0
Other ----- farms..	2 335	.8	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	217 254	.6	19 510	11.7	8.2	.8
Part owners and tenants ----- farms..	233 831	.5	5 314	23.6	2.2	.5
Part owners ----- farms..	169 245	.5	2 787	40.0	1.6	.6
Tenants ----- farms..	64 586	.6	2 527	25.0	3.8	.9
Farms by residence of operator:						
On farm operated ----- farms..	330 510	.5	18 146	12.9	5.2	.6
Not on farm operated ----- farms..	89 308	.6	3 623	20.5	3.9	.8
Not reported ----- farms..	31 267	.5	3 576	23.2	10.3	2.0
Farms by principal occupation of operator:						
Farming ----- farms..	296 931	.5	6 260	22.3	2.1	.4
Other ----- farms..	154 154	.6	16 038	12.7	9.4	1.0
Farms by sex of operator:						
Male ----- farms..	429 425	.5	23 021	11.0	5.1	.5
Female ----- farms..	21 660	.6	2 324	28.5	9.7	2.4
Farms by race of operator:						
White ----- farms..	449 486	.5	21 956	11.5	4.7	.5
Black and other races ----- farms..	1 599	1.0	274	67.7	14.6	8.4
Operators by years on present farm:						
Less than 5 years ----- farms..	47 204	.7	7 737	16.8	14.1	1.9
5 years or more ----- farms..	333 426	.5	10 985	16.3	3.2	.5
Not reported ----- farms..	70 455	.5	6 622	17.7	8.6	1.3
Average years on present farm ----- years..	21.1	.7	9.4	16.0	(X)	(X)
Average age of operator ----- years..	51.5	.7	46.7	3.9	(X)	(X)
<b>Minnesota</b>						
Farms ----- number..	75 079	1.2	5 061	26.0	6.3	1.5
Land in farms ----- acres..	25 666 944	.9	499 182	42.7	1.9	.8
Average size of farm ----- acres..	341.9	1.5	98.6	43.2	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	3 517	1.4	1 216	55.5	25.7	10.6
10 to 49 acres ----- farms..	8 927	1.4	1 760	42.3	16.5	5.7
Less than 50 acres ----- farms..	12 444	1.3	2 975	35.3	19.3	5.4
50 acres or more ----- farms..	62 635	1.3	2 085	30.6	3.2	1.0
50 to 99 acres ----- farms..	8 096	1.5	1 587	36.0	16.4	4.9
100 to 179 acres ----- farms..	12 871	1.6	221	70.8	1.7	1.2
180 acres or more ----- farms..	41 668	1.2	278	52.3	.7	.3
Harvested cropland ----- farms..	66 549	1.2	3 913	28.9	5.6	1.5
----- acres..	18 201 061	.8	151 212	30.1	.8	.2
Farms by value of sales:						
Less than \$1,000 ----- farms..	5 054	1.5	1 244	54.5	19.8	8.6
\$1,000 to \$2,499 ----- farms..	4 671	1.6	1 878	40.7	28.7	8.3
Less than \$2,500 ----- farms..	9 725	1.5	3 123	34.6	24.3	6.3
\$2,500 or more ----- farms..	65 354	1.3	1 938	33.4	2.9	.9
\$2,500 to \$9,999 ----- farms..	12 415	1.6	867	43.0	6.5	2.6
\$10,000 or more ----- farms..	52 939	1.3	1 071	41.8	2.0	.8
Market value of agricultural products sold ----- \$1,000..	6 477 004	.6	39 026	38.2	.6	.4
Farms by standard industrial classification:						
Crops (01) ----- farms..	37 873	1.2	2 854	30.3	7.0	2.0
Livestock (02) ----- farms..	37 206	1.3	2 207	38.9	5.6	2.0
Farms by type of organization:						
Individual or family ----- farms..	66 068	1.3	4 758	26.6	6.7	1.6
Partnership or corporation ----- farms..	8 782	1.2	303	71.2	3.3	2.3
Other ----- farms..	229	2.5	—	(X)	—	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST NORTH CENTRAL—Con.</b>						
<b>Minnesota—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	38 301	1.3	4 117	28.5	9.7	2.5
Part owners and tenants ----- farms..	36 778	1.2	787	49.8	2.1	1.0
Part owners ----- farms..	28 364	1.0	198	99.8	.7	.7
Tenants ----- farms..	8 414	1.8	589	57.4	6.5	3.5
Farms by residence of operator:						
On farm operated ----- farms..	60 207	1.2	2 515	37.3	4.0	1.4
Not on farm operated ----- farms..	9 720	1.6	428	62.6	4.2	2.5
Not reported ----- farms..	5 152	1.1	2 118	33.8	29.1	6.9
Farms by principal occupation of operator:						
Farming ----- farms..	51 021	1.2	654	47.9	1.3	.6
Other ----- farms..	24 058	1.4	2 786	35.8	10.4	3.3
Farms by sex of operator:						
Male ----- farms..	72 148	1.2	4 914	26.5	6.4	1.6
Female ----- farms..	2 931	1.4	147	(H)	4.8	4.6
Farms by race of operator:						
White ----- farms..	74 965	1.2	3 440	31.0	4.4	1.3
Black and other races ----- farms..	114	3.1	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	7 162	2.1	1 152	50.3	13.9	6.0
5 years or more ----- farms..	56 750	1.2	1 545	44.8	2.7	1.2
Not reported ----- farms..	11 167	1.2	2 364	33.1	17.5	4.6
Average years on present farm ----- years..	20.6	1.7	5.8	35.9	(X)	(X)
Average age of operator ----- years..	49.6	1.7	38.4	29.3	(X)	(X)
<b>Iowa</b>						
Farms ----- number..	96 543	1.1	6 218	19.2	6.1	1.1
Land in farms ----- acres..	31 346 565	.9	283 875	22.6	.9	.2
Average size of farm ----- acres..	324.7	1.4	45.7	21.1	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	7 129	1.2	1 761	31.5	19.8	5.1
10 to 49 acres ----- farms..	10 345	1.2	3 139	27.4	23.3	4.9
Less than 50 acres ----- farms..	17 474	1.2	4 900	22.4	21.9	3.9
50 acres or more ----- farms..	79 069	1.1	1 318	29.8	1.6	.5
50 to 99 acres ----- farms..	9 008	1.2	674	44.6	7.0	2.9
100 to 179 acres ----- farms..	15 510	1.3	238	60.7	1.5	.9
180 acres or more ----- farms..	54 551	1.1	406	51.1	.7	.4
Harvested cropland ----- farms..	84 009	1.1	2 972	26.5	3.4	.9
----- acres..	22 826 308	.8	181 575	30.4	.8	.2
Farms by value of sales:						
Less than \$1,000 ----- farms..	3 463	1.4	1 172	42.6	25.3	8.0
\$1,000 to \$2,499 ----- farms..	4 173	1.5	2 293	32.7	35.5	7.5
Less than \$2,500 ----- farms..	7 636	1.4	3 464	27.3	31.2	5.8
\$2,500 or more ----- farms..	88 907	1.1	2 754	23.4	3.0	.7
\$2,500 to \$9,999 ----- farms..	11 783	1.3	823	42.7	6.5	2.6
\$10,000 or more ----- farms..	77 124	1.1	1 930	28.2	2.4	.7
Market value of agricultural products sold ----- \$1,000..	10 099 786	.6	107 542	30.2	1.1	.3
Farms by standard industrial classification:						
Crops (01) ----- farms..	51 010	1.1	1 852	30.3	3.5	1.0
Livestock (02) ----- farms..	45 533	1.1	4 366	21.7	8.7	1.7
Farms by type of organization:						
Individual or family ----- farms..	81 127	1.1	5 513	20.6	6.4	1.2
Partnership or corporation ----- farms..	14 952	1.0	705	41.4	4.5	1.8
Other ----- farms..	464	1.7	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	43 541	1.1	4 855	21.7	10.0	2.0
Part owners and tenants ----- farms..	53 002	1.1	1 364	30.9	2.5	.8
Part owners ----- farms..	34 720	1.0	303	52.9	.9	.5
Tenants ----- farms..	18 282	1.2	1 061	37.1	5.5	1.9
Farms by residence of operator:						
On farm operated ----- farms..	72 150	1.1	4 444	22.2	5.8	1.2
Not on farm operated ----- farms..	19 053	1.2	1 413	33.3	6.9	2.1
Not reported ----- farms..	5 340	1.0	361	62.1	6.3	3.7
Farms by principal occupation of operator:						
Farming ----- farms..	66 885	1.1	1 723	30.9	2.5	.8
Other ----- farms..	29 658	1.2	4 487	23.6	13.1	2.7
Farms by sex of operator:						
Male ----- farms..	92 730	1.1	5 288	20.2	5.4	1.1
Female ----- farms..	3 813	1.2	930	49.4	19.6	7.7
Farms by race of operator:						
White ----- farms..	96 456	1.1	6 209	19.2	6.0	1.1
Black and other races ----- farms..	87	3.3	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	10 335	1.5	3 047	27.8	22.8	4.9
5 years or more ----- farms..	73 491	1.1	2 078	29.9	2.8	.8
Not reported ----- farms..	12 717	1.1	1 093	40.9	7.9	3.0
Average years on present farm ----- years..	20.8	1.5	6.8	33.3	(X)	(X)
Average age of operator ----- years..	50.3	1.5	41.3	17.5	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST NORTH CENTRAL—Con.</b>						
<b>Missouri</b>						
Farms .....	98 082	1.4	9 682	19.0	9.0	1.6
Land in farms .....	28 546 875	1.3	960 892	22.9	3.3	.7
Average size of farm .....	291.1	1.9	99.2	22.9	(X)	(X)
Farms by size:						
Less than 10 acres .....	3 926	1.3	636	44.8	13.9	5.9
10 to 49 acres .....	16 211	1.0	5 429	28.6	25.1	5.4
Less than 50 acres .....	20 137	1.0	6 065	25.9	23.1	4.7
50 acres or more .....	77 945	1.5	3 617	22.2	4.4	.9
50 to 99 acres .....	15 686	1.2	1 566	35.7	9.1	2.9
100 to 179 acres .....	18 968	1.5	1 144	39.1	5.7	2.1
180 acres or more .....	43 291	1.7	907	39.3	2.1	.8
Harvested cropland .....	74 240	1.5	5 169	20.7	6.5	1.3
.....	12 158 832	1.1	239 795	23.3	1.9	.4
Farms by value of sales:						
Less than \$1,000 .....	9 652	1.1	2 729	34.4	22.0	5.9
\$1,000 to \$2,499 .....	10 986	1.0	3 196	39.1	22.5	6.8
Less than \$2,500 .....	20 638	1.0	5 925	27.8	22.3	4.8
\$2,500 or more .....	77 444	1.5	3 757	21.9	4.6	1.0
\$2,500 to \$9,999 .....	30 231	1.3	2 843	26.7	8.6	2.1
\$10,000 or more .....	47 213	1.8	914	30.9	1.9	.6
Market value of agricultural products sold .....	4 303 148	.8	62 348	30.4	1.4	.4
Farms by standard industrial classification:						
Crops (01) .....	31 496	1.5	2 688	28.4	7.9	2.0
Livestock (02) .....	66 586	1.4	6 994	22.9	9.5	2.0
Farms by type of organization:						
Individual or family .....	86 776	1.4	8 718	19.8	9.1	1.7
Partnership or corporation .....	10 820	1.7	963	46.1	8.2	3.4
Other .....	486	2.0	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners .....	63 421	1.3	7 502	20.0	10.6	1.9
Part owners and tenants .....	34 661	1.5	2 180	48.8	5.9	2.7
Part owners .....	26 498	1.5	1 791	59.0	6.3	3.5
Tenants .....	8 163	1.9	389	69.9	4.5	3.0
Farms by residence of operator:						
On farm operated .....	72 664	1.3	8 485	20.9	10.5	2.0
Not on farm operated .....	18 482	1.6	855	41.2	4.4	1.7
Not reported .....	6 936	1.4	341	63.0	4.7	2.8
Farms by principal occupation of operator:						
Farming .....	49 248	1.5	2 523	46.4	4.9	2.1
Other .....	48 834	1.3	6 295	20.2	11.4	2.1
Farms by sex of operator:						
Male .....	90 965	1.4	9 157	19.1	9.1	1.6
Female .....	7 117	1.4	525	57.1	6.9	3.7
Farms by race of operator:						
White .....	97 662	1.4	8 748	20.4	8.2	1.6
Black and other races .....	420	1.9	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years .....	11 783	1.7	2 286	30.0	16.2	4.3
5 years or more .....	69 807	1.4	5 159	26.9	6.9	1.7
Not reported .....	16 492	1.4	2 237	30.6	11.9	3.2
Average years on present farm .....	19.9	2.0	12.3	40.0	(X)	(X)
Average age of operator .....	53.8	1.9	53.6	20.8	(X)	(X)
<b>North Dakota</b>						
Farms .....	31 123	1.7	378	43.4	1.2	.5
Land in farms .....	39 438 144	1.1	346 936	62.2	.9	.5
Average size of farm .....	1 267.2	2.0	917.6	45.8	(X)	(X)
Farms by size:						
Less than 10 acres .....	785	2.2	—	(X)	—	(X)
10 to 49 acres .....	1 264	2.0	85	(H)	6.3	5.9
Less than 50 acres .....	2 049	1.9	85	(H)	4.0	3.8
50 acres or more .....	29 074	1.7	293	47.8	1.0	.5
50 to 99 acres .....	938	2.1	87	99.8	8.5	7.7
100 to 179 acres .....	2 007	2.2	—	(X)	—	(X)
180 acres or more .....	26 129	1.8	207	54.0	.8	.4
Harvested cropland .....	27 804	1.7	111	51.7	.4	.2
.....	19 216 531	.9	66 114	59.0	.3	.2
Farms by value of sales:						
Less than \$1,000 .....	1 269	2.1	—	(X)	—	(X)
\$1,000 to \$2,499 .....	870	2.1	85	(H)	8.9	8.1
Less than \$2,500 .....	2 139	1.9	85	(H)	3.8	3.7
\$2,500 or more .....	28 984	1.7	293	47.8	1.0	.5
\$2,500 to \$9,999 .....	3 554	2.1	87	99.8	2.4	2.3
\$10,000 or more .....	25 430	1.7	207	54.0	.8	.4
Market value of agricultural products sold .....	2 745 752	.8	8 098	44.6	.3	.2
Farms by standard industrial classification:						
Crops (01) .....	19 905	1.6	77	59.5	.4	.2
Livestock (02) .....	11 218	2.0	301	52.6	2.6	1.3
Farms by type of organization:						
Individual or family .....	27 093	1.8	378	43.4	1.4	.6
Partnership or corporation .....	3 853	1.5	—	(X)	—	(X)
Other .....	177	3.0	—	(X)	—	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST NORTH CENTRAL—Con.</b>						
<b>North Dakota—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	9 898	2.1	314	50.1	3.1	1.5
Part owners and tenants ----- farms..	21 225	1.6	64	71.2	.3	.2
Part owners ----- farms..	16 058	1.5	64	71.2	.4	.3
Tenants ----- farms..	5 167	2.0	—	(X)	—	(X)
Farms by residence of operator:						
On farm operated ----- farms..	21 830	1.7	156	67.1	.7	.5
Not on farm operated ----- farms..	6 812	2.0	34	(H)	.5	.5
Not reported ----- farms..	2 481	1.5	188	65.0	7.0	4.2
Farms by principal occupation of operator:						
Farming ----- farms..	25 189	1.7	156	67.1	.6	.4
Other ----- farms..	5 934	2.0	34	(H)	.6	.6
Farms by sex of operator:						
Male ----- farms..	30 184	1.7	378	43.4	1.2	.5
Female ----- farms..	939	2.1	—	(X)	—	(X)
Farms by race of operator:						
White ----- farms..	30 993	1.7	95	58.2	.3	.2
Black and other races ----- farms..	130	3.2	95	(H)	42.3	24.5
Operators by years on present farm:						
Less than 5 years ----- farms..	2 560	2.4	65	71.2	2.5	1.7
5 years or more ----- farms..	23 656	1.7	126	79.8	.5	.4
Not reported ----- farms..	4 907	1.6	188	65.0	3.7	2.3
Average years on present farm ----- years..	22.5	2.5	7.8	19.0	(X)	(X)
Average age of operator ----- years..	50.0	2.4	36.4	9.6	(X)	(X)
<b>South Dakota</b>						
Farms ----- number..	34 057	1.5	387	52.5	1.1	.6
Land in farms ----- acres..	44 828 124	.7	180 918	63.7	.4	.3
Average size of farm ----- acres..	1 316.3	1.7	467.6	64.9	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	1 504	1.9	132	(H)	8.1	7.4
10 to 49 acres ----- farms..	2 622	1.8	—	(X)	—	(X)
Less than 50 acres ----- farms..	4 126	1.8	132	(H)	3.1	3.0
50 acres or more ----- farms..	29 931	1.5	255	59.9	.8	.5
50 to 99 acres ----- farms..	1 810	1.8	1	(H)	—	(L)
100 to 179 acres ----- farms..	3 167	1.9	—	(X)	—	(X)
180 acres or more ----- farms..	24 954	1.5	255	60.0	1.0	.6
Harvested cropland ----- farms..	28 430	1.5	233	64.8	.8	.5
----- acres..	13 624 006	.9	68 622	61.2	.5	.3
Farms by value of sales:						
Less than \$1,000 ----- farms..	1 446	1.9	132	(H)	8.3	7.7
\$1,000 to \$2,499 ----- farms..	1 346	2.1	—	(X)	—	(X)
Less than \$2,500 ----- farms..	2 792	1.9	132	(H)	4.5	4.3
\$2,500 or more ----- farms..	31 265	1.5	255	59.9	.8	.5
\$2,500 to \$9,999 ----- farms..	4 437	1.8	—	(X)	—	(X)
\$10,000 or more ----- farms..	26 828	1.6	255	59.9	.9	.6
Market value of agricultural products sold ----- \$1,000..	3 243 554	.7	11 636	58.1	.4	.2
Farms by standard industrial classification:						
Crops (01) ----- farms..	12 826	1.6	233	64.8	1.8	1.1
Livestock (02) ----- farms..	21 231	1.5	154	87.2	.7	.6
Farms by type of organization:						
Individual or family ----- farms..	29 525	1.6	198	71.5	.7	.5
Partnership or corporation ----- farms..	4 283	1.3	189	76.3	4.2	3.1
Other ----- farms..	249	2.1	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	13 669	1.6	177	78.8	1.3	1.0
Part owners and tenants ----- farms..	20 388	1.4	153	87.6	.7	.6
Part owners ----- farms..	15 332	1.4	—	(X)	—	(X)
Tenants ----- farms..	5 056	1.8	153	87.6	2.9	2.5
Farms by residence of operator:						
On farm operated ----- farms..	24 946	1.5	309	62.6	1.2	.8
Not on farm operated ----- farms..	6 191	1.8	22	97.4	.4	.3
Not reported ----- farms..	2 920	1.2	57	(H)	1.9	1.9
Farms by principal occupation of operator:						
Farming ----- farms..	26 141	1.5	198	71.4	.8	.5
Other ----- farms..	7 916	1.7	132	99.9	1.6	1.6
Farms by sex of operator:						
Male ----- farms..	32 623	1.5	255	59.9	.8	.5
Female ----- farms..	1 434	1.7	132	(H)	8.4	7.7
Farms by race of operator:						
White ----- farms..	33 580	1.5	309	62.4	.9	.6
Black and other races ----- farms..	477	1.9	21	(H)	4.3	4.1
Operators by years on present farm:						
Less than 5 years ----- farms..	3 369	2.0	154	87.2	4.4	3.6
5 years or more ----- farms..	24 850	1.5	177	79.1	.7	.6
Not reported ----- farms..	5 838	1.4	57	(H)	1.0	1.0
Average years on present farm ----- years..	22.0	2.2	11.2	51.0	(X)	(X)
Average age of operator ----- years..	51.1	2.1	31.0	18.5	(X)	(X)

See footnotes at end of table.



**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST NORTH CENTRAL—Con.</b>						
<b>Nebraska</b>						
Farms .....	52 923	1.4	1 448	30.6	2.7	.8
Land in farms .....	44 393 129	.7	318 759	35.1	.7	.3
Average size of farm .....	838.8	1.6	220.2	28.4	(X)	(X)
Farms by size:						
Less than 10 acres .....	3 698	1.5	310	71.2	7.7	5.1
10 to 49 acres .....	4 302	1.4	174	99.4	3.9	3.7
Less than 50 acres .....	8 000	1.4	484	57.7	5.7	3.1
50 acres or more .....	44 923	1.5	964	35.9	2.1	.7
50 to 99 acres .....	3 584	1.7	268	71.0	7.0	4.6
100 to 179 acres .....	5 824	2.0	174	99.7	2.9	2.8
180 acres or more .....	35 515	1.4	522	43.8	1.4	.6
Harvested cropland .....	43 879	1.4	567	45.0	1.3	.6
..... acres..	16 146 818	.9	158 995	46.1	1.0	.4
Farms by value of sales:						
Less than \$1,000 .....	1 979	1.5	137	(H)	6.5	6.1
\$1,000 to \$2,499 .....	1 987	1.5	310	70.7	13.5	8.3
Less than \$2,500 .....	3 966	1.4	447	57.8	10.1	5.3
\$2,500 or more .....	48 957	1.5	1 001	36.1	2.0	.7
\$2,500 to \$9,999 .....	6 685	1.6	135	98.6	2.0	1.9
\$10,000 or more .....	42 272	1.5	866	38.7	2.0	.8
Market value of agricultural products sold .....	\$1,000.. 8 209 691	.5	102 913	48.7	1.2	.7
Farms by standard industrial classification:						
Crops (01) .....	27 687	1.5	555	45.8	2.0	.9
Livestock (02) .....	25 236	1.3	892	40.4	3.4	1.3
Farms by type of organization:						
Individual or family .....	44 577	1.4	1 120	35.6	2.5	.9
Partnership or corporation .....	8 034	1.4	20	89.4	.2	.2
Other .....	312	2.2	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners .....	21 477	1.5	935	38.4	4.2	1.5
Part owners and tenants .....	31 446	1.4	205	85.4	.6	.5
Part owners .....	21 030	1.2	2	(H)	(L)	(L)
Tenants .....	10 416	1.9	202	86.3	1.9	1.6
Farms by residence of operator:						
On farm operated .....	36 444	1.3	608	48.4	1.6	.8
Not on farm operated .....	12 539	1.8	396	58.3	3.1	1.7
Not reported .....	3 940	1.3	444	53.8	10.1	4.9
Farms by principal occupation of operator:						
Farming .....	39 123	1.4	405	57.4	1.0	.6
Other .....	13 800	1.6	734	43.9	5.1	2.1
Farms by sex of operator:						
Male .....	50 681	1.4	1243	33.4	2.4	.8
Female .....	2 242	1.6	205	74.8	8.4	5.7
Farms by race of operator:						
White .....	52 798	1.4	1140	35.0	2.1	.7
Black and other races .....	125	3.2	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years .....	5 694	2.3	627	46.8	9.9	4.2
5 years or more .....	38 575	1.4	242	77.3	.6	.5
Not reported .....	8 654	1.4	579	47.4	6.3	2.8
Average years on present farm .....	21.3	2.0	6.0	63.8	(X)	(X)
Average age of operator .....	50.7	2.0	48.3	9.6	(X)	(X)
<b>Kansas</b>						
Farms .....	63 278	1.1	2 171	29.3	3.3	.9
Land in farms .....	46 672 188	.8	150 080	33.3	.3	.1
Average size of farm .....	737.6	1.4	69.1	28.4	(X)	(X)
Farms by size:						
Less than 10 acres .....	2 632	1.3	386	71.8	12.8	8.0
10 to 49 acres .....	6 023	1.3	833	48.3	12.2	5.2
Less than 50 acres .....	8 655	1.2	1 219	39.0	12.3	4.2
50 acres or more .....	54 623	1.1	952	39.9	1.7	.7
50 to 99 acres .....	6 039	1.1	590	56.4	8.9	4.6
100 to 179 acres .....	8 182	1.2	250	69.2	3.0	2.0
180 acres or more .....	40 402	1.3	112	54.7	.3	.2
Harvested cropland .....	52 348	1.1	1 124	41.4	2.1	.9
..... acres..	18 794 787	.8	51 196	48.6	.3	.1
Farms by value of sales:						
Less than \$1,000 .....	4 244	1.3	607	57.8	12.5	6.3
\$1,000 to \$2,499 .....	4 143	1.3	689	59.2	14.3	7.2
Less than \$2,500 .....	8 387	1.3	1 296	40.9	13.4	4.7
\$2,500 or more .....	54 891	1.1	875	43.4	1.6	.7
\$2,500 to \$9,999 .....	13 426	1.1	661	52.2	4.7	2.3
\$10,000 or more .....	41 465	1.3	214	76.5	.5	.4
Market value of agricultural products sold .....	\$1,000.. 8 315 965	.3	8 965	36.3	.1	(L)
Farms by standard industrial classification:						
Crops (01) .....	33 239	1.2	851	51.9	2.5	1.3
Livestock (02) .....	30 039	1.0	1 320	36.8	4.2	1.5
Farms by type of organization:						
Individual or family .....	54 952	1.1	1 943	30.6	3.4	1.0
Partnership or corporation .....	7 908	.9	228	(H)	2.8	2.7
Other .....	418	1.8	—	(X)	—	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST NORTH CENTRAL—Con.</b>						
<b>Kansas—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	26 947	1.1	1 609	34.7	5.6	1.8
Part owners and tenants ----- farms..	36 331	1.2	562	43.6	1.5	.7
Part owners ----- farms..	27 243	1.2	428	54.9	1.5	.8
Tenants ----- farms..	9 088	1.2	134	62.6	1.5	.9
Farms by residence of operator:						
On farm operated ----- farms..	42 269	1.1	1 628	35.8	3.7	1.3
Not on farm operated ----- farms..	16 511	1.1	476	59.3	2.8	1.6
Not reported ----- farms..	4 498	1.1	67	99.9	1.5	1.4
Farms by principal occupation of operator:						
Farming ----- farms..	39 324	1.2	601	56.5	1.5	.8
Other ----- farms..	23 954	1.1	1 570	35.2	6.2	2.0
Farms by sex of operator:						
Male ----- farms..	60 094	1.1	1 785	30.1	2.9	.8
Female ----- farms..	3 184	1.2	386	71.3	10.8	6.9
Farms by race of operator:						
White ----- farms..	63 032	1.1	2 014	30.6	3.1	.9
Black and other races ----- farms..	246	2.3	157	(H)	39.0	23.8
Operators by years on present farm:						
Less than 5 years ----- farms..	6 301	1.2	408	61.4	6.1	3.5
5 years or more ----- farms..	46 297	1.1	1 659	35.9	3.5	1.2
Not reported ----- farms..	10 680	1.1	105	69.0	1.0	.7
Average years on present farm ----- years..	22.3	1.6	11.3	26.8	(X)	(X)
Average age of operator ----- years..	53.2	1.5	49.4	8.2	(X)	(X)
<b>SOUTH ATLANTIC</b>						
Farms ----- number..	222 971	.4	44 619	7.2	16.7	.9
Land in farms ----- acres..	48 577 106	.3	1 953 095	9.6	3.9	.3
Average size of farm ----- acres..	217.9	.5	43.8	8.2	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	22 551	.6	12 250	13.5	35.2	3.1
10 to 49 acres ----- farms..	62 512	.5	21 038	9.2	25.2	1.7
Less than 50 acres ----- farms..	85 063	.5	33 289	8.2	28.1	1.6
50 acres or more ----- farms..	137 908	.4	11 331	12.1	7.6	0.8
50 to 99 acres ----- farms..	42 246	.5	6 891	15.8	14.0	1.8
100 to 179 acres ----- farms..	35 978	.5	2 869	23.3	7.4	1.5
180 acres or more ----- farms..	59 684	.4	1 571	24.9	2.6	.5
Harvested cropland ----- farms..	167 644	.4	24 307	8.9	12.7	.9
----- acres..	16 195 097	.2	400 938	11.6	2.4	.3
Farms by value of sales:						
Less than \$1,000 ----- farms..	32 632	.6	24 041	10.0	42.4	2.2
\$1,000 to \$2,499 ----- farms..	32 215	.6	10 557	13.5	24.7	2.5
Less than \$2,500 ----- farms..	64 847	.6	34 598	8.8	34.8	1.8
\$2,500 or more ----- farms..	158 124	.4	10 022	10.9	6.0	.6
\$2,500 to \$9,999 ----- farms..	65 286	.6	6 763	13.2	9.4	1.1
\$10,000 or more ----- farms..	92 838	.5	3 259	18.9	3.4	.6
Market value of agricultural products sold ----- \$1,000..	18 836 804	.1	161 051	21.2	.8	.2
Farms by standard industrial classification:						
Crops (01) ----- farms..	99 181	.5	16 817	10.6	14.5	1.3
Livestock (02) ----- farms..	123 790	.4	27 633	9.1	18.2	1.3
Farms by type of organization:						
Individual or family ----- farms..	192 392	.5	41 928	7.4	17.9	1.0
Partnership or corporation ----- farms..	29 068	.5	1 956	27.6	6.3	1.7
Other ----- farms..	1 511	.9	508	58.2	25.2	11.3
Farms by tenure of operator:						
Full owners ----- farms..	144 524	.5	37 566	7.7	20.6	1.2
Part owners and tenants ----- farms..	78 447	.5	6 858	14.4	8.0	1.0
Part owners ----- farms..	60 650	.4	4 346	17.1	6.7	1.1
Tenants ----- farms..	17 797	.6	2 512	24.9	12.4	2.6
Farms by residence of operator:						
On farm operated ----- farms..	157 059	.4	26 879	8.4	14.6	1.0
Not on farm operated ----- farms..	46 260	.5	6 675	16.8	12.6	1.8
Not reported ----- farms..	19 652	.5	11 065	12.6	36.0	2.8
Farms by principal occupation of operator:						
Farming ----- farms..	106 914	.4	9 959	13.0	8.5	1.0
Other ----- farms..	116 057	.5	26 156	8.8	18.4	1.3
Farms by sex of operator:						
Male ----- farms..	201 567	.4	40 338	7.6	16.7	1.0
Female ----- farms..	21 404	.5	4 281	17.3	16.7	2.4
Farms by race of operator:						
White ----- farms..	214 576	.4	32 630	7.9	13.2	.8
Black and other races ----- farms..	8 395	.8	3 456	22.3	29.2	4.6
Operators by years on present farm:						
Less than 5 years ----- farms..	25 211	.6	8 918	12.8	26.1	2.4
5 years or more ----- farms..	152 261	.4	18 177	10.4	10.7	1.0
Not reported ----- farms..	45 499	.5	17 524	10.4	27.8	2.0
Average years on present farm ----- years..	19.3	.6	12.1	8.7	(X)	(X)
Average age of operator ----- years..	55.1	.6	54.9	1.7	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent	
<b>SOUTH ATLANTIC—Con.</b>							
<b>Delaware</b>							
Farms .....	2 633	1.4	342	41.4	11.5	4.2	
Land in farms .....	589 189	.8	23 177	43.0	3.8	1.6	
Average size of farm .....	223.8	1.6	67.8	42.9	(X)	(X)	
Farms by size:							
Less than 10 acres .....	421	1.4	91	69.4	17.8	10.2	
10 to 49 acres .....	797	1.6	135	63.4	14.4	7.8	
Less than 50 acres .....	1 218	1.4	226	56.2	15.6	7.4	
50 acres or more .....	1 415	1.7	116	55.1	7.6	3.9	
50 to 99 acres .....	380	2.4	27	(H)	6.7	6.3	
100 to 179 acres .....	345	2.8	35	71.3	9.2	6.0	
180 acres or more .....	690	1.5	54	62.2	7.3	4.2	
Harvested cropland .....	1 956	1.6	243	38.3	11.1	3.8	
..... acres..	470 348	.7	14 068	47.7	2.9	1.3	
Farms by value of sales:							
Less than \$1,000 .....	201	3.3	63	61.3	23.8	11.1	
\$1,000 to \$2,499 .....	191	3.7	105	52.3	35.5	12.0	
Less than \$2,500 .....	392	2.9	168	51.6	30.0	10.8	
\$2,500 or more .....	2 241	1.3	174	61.2	7.2	4.1	
\$2,500 to \$9,999 .....	465	2.7	95	(H)	17.0	14.4	
\$10,000 or more .....	1 776	1.2	79	51.5	4.3	2.1	
Market value of agricultural products sold .....	\$1,000..	559 766	.1	2 459	42.0	.4	.2
Farms by standard industrial classification:							
Crops (01) .....	1 338	2.1	258	38.1	16.2	5.2	
Livestock (02) .....	1 295	.9	84	72.0	6.1	4.1	
Farms by type of organization:							
Individual or family .....	2 226	1.5	297	43.7	11.8	4.5	
Partnership or corporation .....	394	1.4	16	89.0	3.9	3.4	
Other .....	13	8.3	28	(H)	68.6	21.6	
Farms by tenure of operator:							
Full owners .....	1 607	1.4	248	49.2	13.4	5.7	
Part owners and tenants .....	1 026	1.5	93	54.5	8.3	4.1	
Part owners .....	788	1.5	93	54.5	10.5	5.1	
Tenants .....	238	2.6	—	(X)	—	(X)	
Farms by residence of operator:							
On farm operated .....	1 956	1.4	299	46.0	13.2	5.3	
Not on farm operated .....	436	2.0	—	(X)	—	(X)	
Not reported .....	241	2.0	43	93.1	15.3	12.1	
Farms by principal occupation of operator:							
Farming .....	1 578	1.3	78	52.5	4.7	2.3	
Other .....	1 055	1.9	215	46.0	16.9	6.5	
Farms by sex of operator:							
Male .....	2 346	1.4	293	38.5	11.1	3.8	
Female .....	287	1.6	49	(H)	14.5	12.6	
Farms by race of operator:							
White .....	2 587	1.4	304	42.6	10.5	4.0	
Black and other races .....	46	5.5	37	99.1	44.7	24.5	
Operators by years on present farm:							
Less than 5 years .....	236	2.5	50	(H)	17.4	14.4	
5 years or more .....	1 912	1.4	214	48.2	10.1	4.4	
Not reported .....	485	1.8	78	59.5	13.9	7.1	
Average years on present farm .....	19.8	2.1	16.2	29.4	(X)	(X)	
Average age of operator .....	52.7	2.0	57.3	11.2	(X)	(X)	
<b>Maryland</b>							
Farms .....	13 037	1.1	3 079	16.9	19.1	2.8	
Land in farms .....	2 223 476	.7	74 973	21.5	3.3	.7	
Average size of farm .....	170.6	1.3	24.4	17.1	(X)	(X)	
Farms by size:							
Less than 10 acres .....	1 560	1.4	1 054	34.4	40.3	8.4	
10 to 49 acres .....	3 979	1.4	1 628	20.4	29.0	4.4	
Less than 50 acres .....	5 539	1.3	2 682	18.6	32.6	4.3	
50 acres or more .....	7 498	1.1	397	39.3	5.0	1.9	
50 to 99 acres .....	2 246	1.3	244	55.2	9.8	4.9	
100 to 179 acres .....	2 008	1.4	153	55.5	7.1	3.7	
180 acres or more .....	3 244	1.0	1	(H)	(L)	(L)	
Harvested cropland .....	10 447	1.1	2 288	20.4	18.0	3.2	
..... acres..	1 397 069	.6	25 752	22.5	1.8	.4	
Farms by value of sales:							
Less than \$1,000 .....	1 691	1.8	1 811	23.2	51.7	5.8	
\$1,000 to \$2,499 .....	1 474	1.7	367	39.4	20.0	6.3	
Less than \$2,500 .....	3 165	1.7	2 178	21.6	40.8	5.2	
\$2,500 or more .....	9 872	1.0	901	28.8	8.4	2.2	
\$2,500 to \$9,999 .....	3 340	1.4	339	39.9	9.2	3.3	
\$10,000 or more .....	6 532	1.0	562	40.0	7.9	2.9	
Market value of agricultural products sold .....	\$1,000..	1 169 331	.4	11 558	32.8	1.0	.3
Farms by standard industrial classification:							
Crops (01) .....	6 590	1.2	1 755	23.5	21.0	4.2	
Livestock (02) .....	6 447	1.0	1 324	24.2	17.0	3.4	
Farms by type of organization:							
Individual or family .....	11 129	1.1	2 994	17.0	21.2	3.1	
Partnership or corporation .....	1 823	1.2	84	70.6	4.4	3.0	
Other .....	85	2.9	—	(X)	—	(X)	

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>SOUTH ATLANTIC—Con.</b>						
<b>Maryland—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	8 080	1.2	2 763	17.7	25.5	3.6
Part owners and tenants ----- farms..	4 957	1.1	316	42.6	6.0	2.4
Part owners ----- farms..	3 429	1.0	136	57.2	3.8	2.1
Tenants ----- farms..	1 528	1.5	180	63.6	10.5	6.0
Farms by residence of operator:						
On farm operated ----- farms..	10 124	1.1	2 534	18.6	20.0	3.2
Not on farm operated ----- farms..	2 073	1.4	276	44.6	11.7	4.9
Not reported ----- farms..	840	1.4	269	55.2	24.3	10.1
Farms by principal occupation of operator:						
Farming ----- farms..	6 980	1.0	714	41.8	9.3	3.5
Other ----- farms..	6 057	1.3	1 716	22.3	22.1	4.0
Farms by sex of operator:						
Male ----- farms..	11 500	1.1	2 748	18.6	19.3	3.1
Female ----- farms..	1 537	1.5	330	44.1	17.7	6.5
Farms by race of operator:						
White ----- farms..	12 736	1.1	2 192	21.1	14.7	2.8
Black and other races ----- farms..	301	2.4	238	47.3	44.2	11.6
Operators by years on present farm:						
Less than 5 years ----- farms..	1 327	1.7	622	37.7	31.9	8.4
5 years or more ----- farms..	9 624	1.1	1 547	23.7	13.9	2.9
Not reported ----- farms..	2 086	1.3	909	29.1	30.3	6.5
Average years on present farm ----- years..	19.7	1.5	11.0	29.3	(X)	(X)
Average age of operator ----- years..	53.9	1.5	47.8	20.2	(X)	(X)
<b>Virginia</b>						
Farms ----- number..	42 222	1.1	7 615	20.6	15.3	2.7
Land in farms ----- acres..	8 297 011	.6	424 606	23.9	4.9	1.1
Average size of farm ----- acres..	196.5	1.2	55.8	15.4	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	3 357	1.3	1 590	45.1	32.1	9.7
10 to 49 acres ----- farms..	10 361	1.3	3 108	26.4	23.1	4.7
Less than 50 acres ----- farms..	13 718	1.3	4 699	26.0	25.5	4.9
50 acres or more ----- farms..	28 504	1.0	2 916	27.2	9.3	2.3
50 to 99 acres ----- farms..	8 464	1.4	1 404	40.4	14.2	5.0
100 to 179 acres ----- farms..	7 829	1.2	988	46.1	11.2	4.7
180 acres or more ----- farms..	12 211	.8	524	54.5	4.1	2.1
Harvested cropland ----- farms..	34 255	1.0	5 418	21.3	13.7	2.6
----- acres..	2 449 013	.5	83 521	24.2	3.3	.8
Farms by value of sales:						
Less than \$1,000 ----- farms..	4 601	1.3	3 465	30.3	43.0	7.4
\$1,000 to \$2,499 ----- farms..	5 945	1.4	2 204	35.6	27.0	7.0
Less than \$2,500 ----- farms..	10 546	1.3	5 669	26.8	35.0	6.1
\$2,500 or more ----- farms..	31 676	1.0	1 946	26.2	5.8	1.4
\$2,500 to \$9,999 ----- farms..	14 848	1.5	1 522	31.1	9.3	2.6
\$10,000 or more ----- farms..	16 828	.8	424	39.9	2.5	1.0
Market value of agricultural products sold ----- \$1,000..	2 055 958	.2	24 785	25.6	1.2	.3
Farms by standard industrial classification:						
Crops (01) ----- farms..	15 573	1.1	3 208	26.5	17.1	3.8
Livestock (02) ----- farms..	26 649	1.0	4 406	29.0	14.2	3.5
Farms by type of organization:						
Individual or family ----- farms..	36 866	1.1	7 354	20.8	16.6	2.9
Partnership or corporation ----- farms..	5 113	.9	261	92.9	4.9	4.3
Other ----- farms..	243	2.0	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	26 492	1.2	6 189	22.2	18.9	3.4
Part owners and tenants ----- farms..	15 730	.9	1 425	33.8	8.3	2.6
Part owners ----- farms..	12 599	.9	1 388	34.7	9.9	3.1
Tenants ----- farms..	3 131	1.3	38	58.8	1.2	.7
Farms by residence of operator:						
On farm operated ----- farms..	30 940	1.0	4 961	21.6	13.8	2.6
Not on farm operated ----- farms..	8 071	1.2	1 357	46.5	14.4	5.6
Not reported ----- farms..	3 211	1.2	1 297	40.8	28.8	8.5
Farms by principal occupation of operator:						
Farming ----- farms..	19 571	.9	1 905	30.2	8.9	2.4
Other ----- farms..	22 651	1.2	5 152	24.1	18.5	3.7
Farms by sex of operator:						
Male ----- farms..	37 993	1.1	7 258	21.2	16.0	2.9
Female ----- farms..	4 229	1.2	357	66.1	7.8	4.7
Farms by race of operator:						
White ----- farms..	40 838	1.1	6 674	20.8	14.0	2.5
Black and other races ----- farms..	1 384	1.6	384	59.7	21.7	10.1
Operators by years on present farm:						
Less than 5 years ----- farms..	4 763	1.2	1 136	38.4	19.3	5.9
5 years or more ----- farms..	29 329	1.0	3 842	24.3	11.6	2.5
Not reported ----- farms..	8 130	1.2	2 636	32.2	24.5	6.1
Average years on present farm ----- years..	19.8	1.5	12.6	24.6	(X)	(X)
Average age of operator ----- years..	55.6	1.5	55.5	20.0	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent	
<b>SOUTH ATLANTIC—Con.</b>							
<b>West Virginia</b>							
Farms .....	17 020	1.1	2 395	21.0	12.3	2.4	
Land in farms .....	3 267 188	.8	196 253	27.8	5.7	1.5	
Average size of farm .....	192.0	1.4	81.9	20.3	(X)	(X)	
Farms by size:							
Less than 10 acres .....	737	1.9	228	45.7	23.6	8.1	
10 to 49 acres .....	2 893	1.6	1 144	30.4	28.3	6.3	
Less than 50 acres .....	3 630	1.6	1 371	26.5	27.4	5.4	
50 acres or more .....	13 390	1.0	1 024	23.7	7.1	1.6	
50 to 99 acres .....	3 727	1.4	467	32.8	11.1	3.3	
100 to 179 acres .....	4 060	1.2	263	42.0	6.1	2.4	
180 acres or more .....	5 603	.9	294	42.5	5.0	2.0	
Harvested cropland .....	14 531	1.1	1 237	22.7	7.8	1.8	
..... acres..	555 818	.8	19 882	24.4	3.5	.8	
Farms by value of sales:							
Less than \$1,000 .....	3 249	1.6	1 170	25.7	26.5	5.0	
\$1,000 to \$2,499 .....	3 678	1.4	745	26.6	16.9	3.7	
Less than \$2,500 .....	6 927	1.4	1 916	22.6	21.7	3.8	
\$2,500 or more .....	10 093	1.0	479	30.5	4.5	1.3	
\$2,500 to \$9,999 .....	6 347	1.2	399	32.2	5.9	1.8	
\$10,000 or more .....	3 746	.9	81	90.4	2.1	1.9	
Market value of agricultural products sold .....	\$1,000..	364 203	.3	4 251	26.3	1.2	.3
Farms by standard industrial classification:							
Crops (01) .....	4 718	1.3	480	29.2	9.2	2.5	
Livestock (02) .....	12 302	1.0	1 746	26.4	12.4	3.0	
Farms by type of organization:							
Individual or family .....	15 737	1.1	2 211	20.8	12.3	2.3	
Partnership or corporation .....	1 203	1.2	143	69.9	10.6	6.7	
Other .....	80	3.3	—	(X)	—	(X)	
Farms by tenure of operator:							
Full owners .....	12 428	1.2	1 945	21.3	13.5	2.6	
Part owners and tenants .....	4 592	1.0	450	32.8	8.9	2.7	
Part owners .....	3 866	1.0	375	36.3	8.9	3.1	
Tenants .....	726	1.6	74	65.6	9.3	5.5	
Farms by residence of operator:							
On farm operated .....	13 053	1.1	1 544	25.2	10.6	2.5	
Not on farm operated .....	2 629	1.3	317	47.7	10.8	4.3	
Not reported .....	1 338	1.4	534	31.5	28.5	6.4	
Farms by principal occupation of operator:							
Farming .....	7 169	1.0	676	34.0	8.6	2.6	
Other .....	9 851	1.3	1 509	28.1	13.3	3.4	
Farms by sex of operator:							
Male .....	15 541	1.1	1 975	23.3	11.3	2.4	
Female .....	1 479	1.4	420	42.0	22.1	7.3	
Farms by race of operator:							
White .....	16 976	1.1	2 185	21.9	11.4	2.3	
Black and other races .....	44	4.8	—	(X)	—	(X)	
Operators by years on present farm:							
Less than 5 years .....	1 575	1.6	383	37.8	19.6	5.9	
5 years or more .....	11 818	1.1	946	31.0	7.4	2.2	
Not reported .....	3 627	1.2	1 066	25.4	22.7	4.5	
Average years on present farm .....	years..	21.2	1.5	14.2	35.6	(X)	(X)
Average age of operator .....	years..	56.4	1.5	52.2	21.2	(X)	(X)
<b>North Carolina</b>							
Farms .....	51 854	1.0	9 492	17.5	15.5	2.4	
Land in farms .....	8 936 015	.7	357 751	20.7	3.8	.8	
Average size of farm .....	172.3	1.2	37.7	13.7	(X)	(X)	
Farms by size:							
Less than 10 acres .....	4 651	1.1	2 768	31.3	37.3	7.5	
10 to 49 acres .....	15 852	.9	4 155	23.2	20.8	4.0	
Less than 50 acres .....	20 503	.9	6 923	19.5	25.2	3.9	
50 acres or more .....	31 351	1.1	2 569	27.6	7.6	1.9	
50 to 99 acres .....	11 223	1.0	2 182	30.1	16.3	4.0	
100 to 179 acres .....	8 143	1.3	279	72.6	3.3	2.3	
180 acres or more .....	11 985	1.0	108	50.0	.9	.4	
Harvested cropland .....	42 135	1.0	4 977	21.5	10.6	2.1	
..... acres..	3 998 685	.7	106 934	28.4	2.6	.7	
Farms by value of sales:							
Less than \$1,000 .....	5 574	1.0	4 426	24.7	44.3	6.1	
\$1,000 to \$2,499 .....	7 042	1.0	2 896	28.7	29.1	5.9	
Less than \$2,500 .....	12 616	1.0	7 322	21.1	36.7	4.9	
\$2,500 or more .....	39 238	1.1	2 169	25.0	5.2	1.2	
\$2,500 to \$9,999 .....	14 218	1.0	1 618	29.3	10.2	2.7	
\$10,000 or more .....	25 020	1.3	551	48.7	2.2	1.0	
Market value of agricultural products sold .....	\$1,000..	4 834 218	.3	31 211	37.0	.6	.3
Farms by standard industrial classification:							
Crops (01) .....	28 799	1.2	3 339	25.8	10.4	2.5	
Livestock (02) .....	23 055	.7	6 153	21.8	21.1	3.7	
Farms by type of organization:							
Individual or family .....	45 273	1.0	9 147	17.7	16.8	2.6	
Partnership or corporation .....	6 339	1.0	345	69.5	5.2	3.4	
Other .....	242	2.1	—	(X)	—	(X)	

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>SOUTH ATLANTIC—Con.</b>						
<b>North Carolina—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	29 242	.9	7 098	19.3	19.5	3.2
Part owners and tenants ----- farms..	22 612	1.1	2 394	28.2	9.6	2.4
Part owners ----- farms..	17 572	1.1	1 348	35.5	7.1	2.3
Tenants ----- farms..	5 040	1.3	1 046	42.8	17.2	6.1
Farms by residence of operator:						
On farm operated ----- farms..	36 678	.9	4 321	22.3	10.5	2.2
Not on farm operated ----- farms..	10 223	1.1	2 018	32.2	16.5	4.4
Not reported ----- farms..	4 953	1.0	3 153	25.5	38.9	6.3
Farms by principal occupation of operator:						
Farming ----- farms..	27 376	1.1	2 525	28.7	8.4	2.3
Other ----- farms..	24 478	1.0	4 420	22.0	15.3	2.9
Farms by sex of operator:						
Male ----- farms..	47 914	1.0	8 772	18.3	15.5	2.5
Female ----- farms..	3 940	1.1	720	47.0	15.4	6.2
Farms by race of operator:						
White ----- farms..	49 356	.9	5 680	19.8	10.3	1.9
Black and other races ----- farms..	2 498	1.6	1 264	43.4	33.6	9.9
Operators by years on present farm:						
Less than 5 years ----- farms..	5 040	1.1	1 585	34.6	23.9	6.5
5 years or more ----- farms..	35 164	1.0	3 634	26.0	9.4	2.2
Not reported ----- farms..	11 650	1.0	4 272	22.0	26.8	4.4
Average years on present farm ----- years..	21.0	1.4	13.8	31.4	(X)	(X)
Average age of operator ----- years..	54.7	1.4	55.6	17.4	(X)	(X)
<b>South Carolina</b>						
Farms ----- number..	20 242	1.5	4 622	22.4	18.6	3.4
Land in farms ----- acres..	4 472 569	.6	166 727	22.3	3.6	.8
Average size of farm ----- acres..	221.0	1.6	36.1	14.5	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	1 302	2.7	639	50.8	32.9	11.6
10 to 49 acres ----- farms..	5 495	2.2	2 853	28.3	34.2	6.3
Less than 50 acres ----- farms..	6 797	2.3	3 493	26.6	33.9	6.0
50 acres or more ----- farms..	13 445	1.1	1 130	37.0	7.8	2.6
50 to 99 acres ----- farms..	4 212	1.6	872	43.7	17.1	6.2
100 to 179 acres ----- farms..	3 379	1.4	198	82.2	5.5	4.3
180 acres or more ----- farms..	5 854	.8	59	44.7	1.0	.4
Harvested cropland ----- farms..	14 587	1.4	2 631	26.7	15.3	3.5
----- acres..	1 590 794	.4	44 375	28.2	2.7	.7
Farms by value of sales:						
Less than \$1,000 ----- farms..	3 888	2.4	3 192	28.0	45.1	6.9
\$1,000 to \$2,499 ----- farms..	3 453	2.1	736	57.4	17.6	8.3
Less than \$2,500 ----- farms..	7 341	2.2	3 928	26.2	34.9	5.9
\$2,500 or more ----- farms..	12 901	1.1	694	41.3	5.1	2.0
\$2,500 to \$9,999 ----- farms..	6 214	1.6	549	48.6	8.1	3.6
\$10,000 or more ----- farms..	6 687	.8	146	67.8	2.1	1.4
Market value of agricultural products sold ----- \$1,000..	1 066 079	.2	5 762	31.8	.5	.2
Farms by standard industrial classification:						
Crops (01) ----- farms..	8 744	1.5	1 948	31.7	18.2	4.7
Livestock (02) ----- farms..	11 498	1.5	2 674	28.1	18.9	4.3
Farms by type of organization:						
Individual or family ----- farms..	17 933	1.5	4 350	22.9	19.5	3.6
Partnership or corporation ----- farms..	2 168	1.2	178	74.8	7.6	5.2
Other ----- farms..	141	3.0	94	(H)	40.0	24.2
Farms by tenure of operator:						
Full owners ----- farms..	12 340	1.6	4 419	22.7	26.4	4.4
Part owners and tenants ----- farms..	7 902	1.3	195	55.1	2.4	1.3
Part owners ----- farms..	6 407	1.1	82	66.3	1.3	.8
Tenants ----- farms..	1 495	2.1	113	86.4	7.0	5.7
Farms by residence of operator:						
On farm operated ----- farms..	14 113	1.4	2 325	33.2	14.1	4.0
Not on farm operated ----- farms..	4 211	1.7	130	93.9	3.0	2.7
Not reported ----- farms..	1 918	1.5	2 168	27.3	53.1	6.8
Farms by principal occupation of operator:						
Farming ----- farms..	8 866	1.0	301	69.6	3.3	2.2
Other ----- farms..	11 376	1.9	2 388	31.9	17.4	4.6
Farms by sex of operator:						
Male ----- farms..	18 617	1.4	4 526	22.8	19.6	3.6
Female ----- farms..	1 625	1.9	96	92.0	5.6	4.8
Farms by race of operator:						
White ----- farms..	18 423	1.4	2 560	29.9	12.2	3.2
Black and other races ----- farms..	1 819	2.1	129	94.4	6.6	5.8
Operators by years on present farm:						
Less than 5 years ----- farms..	2 314	2.9	247	62.6	9.7	5.4
5 years or more ----- farms..	13 436	1.3	2 092	35.5	13.5	4.1
Not reported ----- farms..	4 492	1.5	2 283	25.9	33.7	6.0
Average years on present farm ----- years..	19.7	1.9	15.9	35.9	(X)	(X)
Average age of operator ----- years..	55.5	2.0	57.6	27.1	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>SOUTH ATLANTIC—Con.</b>						
<b>Georgia</b>						
Farms .....	40 759	1.2	6 827	17.3	14.3	2.1
Land in farms .....	10 025 581	.7	394 631	21.9	3.8	.8
Average size of farm .....	246.0	1.3	57.8	18.0	(X)	(X)
Farms by size:						
Less than 10 acres .....	2 859	1.4	1 322	37.5	31.6	8.0
10 to 49 acres .....	10 443	1.3	3 462	22.7	24.9	4.2
Less than 50 acres .....	13 302	1.3	4 784	20.6	26.5	3.9
50 acres or more .....	27 457	1.2	2 043	28.6	6.9	1.8
50 to 99 acres .....	7 582	1.4	1 164	38.4	13.3	4.4
100 to 179 acres .....	6 888	1.5	521	51.8	7.0	3.4
180 acres or more .....	12 987	1.1	357	56.3	2.7	1.5
Harvested cropland .....	27 177	1.2	3 035	23.2	10.0	2.1
.....	3 332 666	.5	66 691	34.0	2.0	.7
Farms by value of sales:						
Less than \$1,000 .....	6 248	1.6	3 949	23.4	38.7	5.5
\$1,000 to \$2,499 .....	5 822	1.5	1 696	33.3	22.6	5.8
Less than \$2,500 .....	12 070	1.5	5 645	20.3	31.9	4.4
\$2,500 or more .....	28 689	1.1	1 182	25.8	4.0	1.0
\$2,500 to \$9,999 .....	11 385	1.6	905	29.9	7.4	2.0
\$10,000 or more .....	17 304	1.1	277	52.6	1.6	.8
Market value of agricultural products sold .....	\$1,000..	.2	39 284	73.4	1.1	.8
Farms by standard industrial classification:						
Crops (01) .....	15 192	1.2	1 799	27.9	10.6	2.6
Livestock (02) .....	25 567	1.2	5 028	19.7	16.4	2.6
Farms by type of organization:						
Individual or family .....	35 985	1.2	6 560	17.5	15.4	2.2
Partnership or corporation .....	4 470	1.0	32	(H)	.7	.7
Other .....	304	2.0	49	(H)	13.8	12.0
Farms by tenure of operator:						
Full owners .....	27 673	1.2	5 836	18.7	17.4	2.6
Part owners and tenants .....	13 086	1.1	805	39.6	5.8	2.1
Part owners .....	10 136	1.0	351	50.9	3.3	1.6
Tenants .....	2 950	1.3	454	58.6	13.3	6.8
Farms by residence of operator:						
On farm operated .....	28 453	1.1	3 230	23.4	10.2	2.1
Not on farm operated .....	7 769	1.3	1 172	35.6	13.1	4.0
Not reported .....	4 537	1.2	2 425	28.1	34.8	6.2
Farms by principal occupation of operator:						
Farming .....	18 817	1.0	1 393	34.6	6.9	2.2
Other .....	21 942	1.3	3 555	21.9	13.9	2.6
Farms by sex of operator:						
Male .....	37 303	1.1	6 500	17.8	14.8	2.2
Female .....	3 456	1.3	327	61.9	8.6	4.9
Farms by race of operator:						
White .....	39 582	1.2	4 435	20.0	10.1	1.8
Black and other races .....	1 177	1.8	512	51.7	30.3	10.9
Operators by years on present farm:						
Less than 5 years .....	4 880	1.4	2 488	24.2	33.8	5.5
5 years or more .....	26 867	1.1	1 323	35.4	4.7	1.6
Not reported .....	9 012	1.2	3 016	25.5	25.1	4.7
Average years on present farm .....	18.7	1.6	7.3	30.5	(X)	(X)
Average age of operator .....	55.0	1.7	54.3	17.8	(X)	(X)
<b>Florida</b>						
Farms .....	35 204	1.2	10 248	14.4	22.5	2.8
Land in farms .....	10 766 077	.4	314 976	26.6	2.8	.7
Average size of farm .....	305.8	1.3	30.7	24.9	(X)	(X)
Farms by size:						
Less than 10 acres .....	7 664	1.4	4 558	21.5	37.3	5.2
10 to 49 acres .....	12 692	1.3	4 553	18.0	26.4	3.8
Less than 50 acres .....	20 356	1.3	9 111	15.2	30.9	3.6
50 acres or more .....	14 848	1.2	1 137	32.9	7.1	2.2
50 to 99 acres .....	4 412	1.4	530	37.5	10.7	3.6
100 to 179 acres .....	3 326	1.4	432	65.7	11.5	6.7
180 acres or more .....	7 110	1.0	175	58.6	2.4	1.4
Harvested cropland .....	22 556	1.1	4 478	21.5	16.6	3.1
.....	2 400 704	.4	39 714	22.0	1.6	.4
Farms by value of sales:						
Less than \$1,000 .....	7 180	1.6	5 966	20.8	45.4	5.1
\$1,000 to \$2,499 .....	4 610	1.6	1 807	22.5	28.2	4.5
Less than \$2,500 .....	11 790	1.6	7 772	17.3	39.7	4.1
\$2,500 or more .....	23 414	1.1	2 476	24.1	9.6	2.1
\$2,500 to \$9,999 .....	8 469	1.5	1 336	29.7	13.6	3.5
\$10,000 or more .....	14 945	1.1	1 140	38.1	7.1	2.5
Market value of agricultural products sold .....	\$1,000..	.2	41 740	28.0	.8	.3
Farms by standard industrial classification:						
Crops (01) .....	18 227	1.1	4 030	23.3	18.1	3.6
Livestock (02) .....	16 977	1.3	6 218	16.5	28.8	3.5
Farms by type of organization:						
Individual or family .....	27 243	1.3	9 015	15.1	24.9	3.1
Partnership or corporation .....	7 558	1.2	896	42.2	10.6	4.0
Other .....	403	1.8	337	81.4	45.5	20.2

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>SOUTH ATLANTIC—Con.</b>						
<b>Florida—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	26 662	1.2	9 068	15.5	25.4	3.2
Part owners and tenants ----- farms..	8 542	1.2	1 181	30.1	12.1	3.3
Part owners ----- farms..	5 853	1.2	574	31.6	8.9	2.7
Tenants ----- farms..	2 689	1.4	606	50.9	18.4	7.7
Farms by residence of operator:						
On farm operated ----- farms..	21 742	1.2	7 667	16.0	26.1	3.4
Not on farm operated ----- farms..	10 848	1.2	1 405	33.0	11.5	3.4
Not reported ----- farms..	2 614	1.3	1 176	33.9	31.0	7.3
Farms by principal occupation of operator:						
Farming ----- farms..	16 557	1.1	2 369	26.4	12.5	2.9
Other ----- farms..	18 647	1.4	7 202	15.9	27.9	3.5
Farms by sex of operator:						
Male ----- farms..	30 353	1.2	8 265	15.0	21.4	2.8
Female ----- farms..	4 851	1.4	1 983	26.5	29.0	5.6
Farms by race of operator:						
White ----- farms..	34 078	1.2	8 601	14.8	20.2	2.7
Black and other races ----- farms..	1 126	1.6	891	42.1	44.2	10.3
Operators by years on present farm:						
Less than 5 years ----- farms..	5 076	1.6	2 407	24.8	32.2	5.6
5 years or more ----- farms..	24 111	1.1	4 578	19.9	16.0	2.9
Not reported ----- farms..	6 017	1.3	3 264	24.0	35.2	5.6
Average years on present farm ----- years..	16.1	1.6	11.7	29.1	(X)	(X)
Average age of operator ----- years..	55.3	1.7	55.8	15.0	(X)	(X)
<b>EAST SOUTH CENTRAL</b>						
Farms ----- number..	235 260	.6	30 674	7.9	11.5	.8
Land in farms ----- acres..	43 474 069	.4	2 080 706	11.2	4.6	.5
Average size of farm ----- acres..	184.8	.7	67.8	8.7	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	20 762	.8	4 200	20.1	16.8	2.8
10 to 49 acres ----- farms..	60 045	.6	14 531	11.9	19.5	1.8
Less than 50 acres ----- farms..	80 807	.7	18 731	10.4	18.8	1.6
50 acres or more ----- farms..	154 453	.6	11 943	11.0	7.2	.7
50 to 99 acres ----- farms..	49 597	.6	5 567	16.2	10.1	1.5
100 to 179 acres ----- farms..	44 216	.7	3 106	20.1	6.6	1.2
180 acres or more ----- farms..	60 640	.5	3 270	21.1	5.1	1.0
Harvested cropland ----- farms..	185 142	.6	16 176	9.8	8.0	.7
----- acres..	14 744 047	.3	436 766	16.5	2.9	.5
Farms by value of sales:						
Less than \$1,000 ----- farms..	26 648	.7	10 907	13.0	29.0	2.6
\$1,000 to \$2,499 ----- farms..	34 202	.7	7 658	15.8	18.3	2.2
Less than \$2,500 ----- farms..	60 850	.7	18 565	10.7	23.4	1.8
\$2,500 or more ----- farms..	174 410	.6	12 109	10.8	6.5	.6
\$2,500 to \$9,999 ----- farms..	84 065	.7	8 560	13.1	9.2	1.1
\$10,000 or more ----- farms..	90 345	.6	3 549	17.4	3.8	.6
Market value of agricultural products sold ----- \$1,000..	9 303 124	.2	149 362	14.1	1.6	.2
Farms by standard industrial classification:						
Crops (01) ----- farms..	108 050	.6	9 827	12.8	8.3	1.0
Livestock (02) ----- farms..	127 210	.6	20 847	9.6	14.1	1.1
Farms by type of organization:						
Individual or family ----- farms..	206 224	.6	27 501	8.2	11.8	.8
Partnership or corporation ----- farms..	28 102	.6	1 967	29.8	6.5	1.8
Other ----- farms..	934	1.1	(S)	(H)	(S)	(S)
Farms by tenure of operator:						
Full owners ----- farms..	160 028	.6	23 405	9.1	12.8	1.0
Part owners and tenants ----- farms..	75 232	.5	6 158	16.2	7.6	1.1
Part owners ----- farms..	56 775	.5	3 767	18.5	6.2	1.1
Tenants ----- farms..	18 457	.7	2 390	29.9	11.5	3.2
Farms by residence of operator:						
On farm operated ----- farms..	164 897	.6	15 448	11.6	8.6	.9
Not on farm operated ----- farms..	48 231	.6	6 548	16.4	12.0	1.6
Not reported ----- farms..	22 132	.6	8 678	12.3	28.2	2.6
Farms by principal occupation of operator:						
Farming ----- farms..	100 228	.5	6 196	15.5	5.8	.9
Other ----- farms..	135 032	.6	17 332	10.7	11.4	1.0
Farms by sex of operator:						
Male ----- farms..	215 941	.6	27 827	8.4	11.4	.8
Female ----- farms..	19 319	.6	2 847	21.5	12.8	2.4
Farms by race of operator:						
White ----- farms..	229 446	.6	21 926	9.6	8.7	.7
Black and other races ----- farms..	5 814	1.2	1 603	28.2	21.6	4.7
Operators by years on present farm:						
Less than 5 years ----- farms..	30 638	.8	8 545	14.6	21.8	2.4
5 years or more ----- farms..	151 578	.6	9 227	15.9	5.7	.8
Not reported ----- farms..	53 044	.6	12 902	10.4	19.6	1.6
Average years on present farm ----- years..	18.7	.8	10.1	12.2	(X)	(X)
Average age of operator ----- years..	54.2	.8	50.8	2.3	(X)	(X)

See footnotes at end of table.



**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>EAST SOUTH CENTRAL—Con.</b>						
<b>Kentucky</b>						
Farms .....	90 281	1.0	5 703	16.4	5.9	.9
Land in farms .....	13 665 798	.7	542 284	24.2	3.8	.9
Average size of farm .....	151.4	1.2	95.1	20.0	(X)	(X)
Farms by size:						
Less than 10 acres .....	10 402	1.3	1 304	37.6	11.1	3.7
10 to 49 acres .....	21 911	1.2	1 892	31.6	7.9	2.4
Less than 50 acres .....	32 313	1.2	3 195	23.5	9.0	2.0
50 acres or more .....	57 968	1.0	2 507	23.5	4.1	.9
50 to 99 acres .....	18 937	1.1	338	57.3	1.8	1.0
100 to 179 acres .....	17 578	1.1	1 025	37.2	5.5	1.9
180 acres or more .....	21 453	.9	1 144	35.8	5.1	1.7
Harvested cropland .....	79 590	1.0	4 635	18.0	5.5	1.0
..... acres..	4 417 651	.5	94 819	34.6	2.1	.7
Farms by value of sales:						
Less than \$1,000 .....	7 134	1.2	1 540	32.9	17.8	4.8
\$1,000 to \$2,499 .....	10 747	1.2	1 130	37.7	9.5	3.2
Less than \$2,500 .....	17 881	1.2	2 670	24.9	13.0	2.8
\$2,500 or more .....	72 400	1.0	3 033	23.3	4.0	.9
\$2,500 to \$9,999 .....	31 874	1.2	1 732	33.2	5.2	1.6
\$10,000 or more .....	40 526	1.0	1 301	29.8	3.1	.9
Market value of agricultural products sold .....	\$1,000..	.5	58 199	27.7	2.1	.7
Farms by standard industrial classification:						
Crops (01) .....	57 157	1.0	3 616	20.4	6.0	1.2
Livestock (02) .....	33 124	.9	2 087	29.1	5.9	1.6
Farms by type of organization:						
Individual or family .....	76 712	1.0	4 385	18.6	5.4	1.0
Partnership or corporation .....	13 199	1.0	599	54.5	4.3	2.3
Other .....	370	1.9	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners .....	63 398	1.0	3 817	21.2	5.7	1.2
Part owners and tenants .....	26 883	.9	1 499	32.7	5.3	1.6
Part owners .....	18 779	.9	808	43.7	4.1	1.7
Tenants .....	8 104	1.1	692	48.4	7.9	3.5
Farms by residence of operator:						
On farm operated .....	62 363	1.0	2 396	26.3	3.7	.9
Not on farm operated .....	19 724	1.0	2 112	28.7	9.7	2.5
Not reported .....	8 194	1.0	1 195	31.5	12.7	3.6
Farms by principal occupation of operator:						
Farming .....	40 175	.9	1 956	25.9	4.6	1.2
Other .....	50 106	1.1	2 465	26.5	4.7	1.2
Farms by sex of operator:						
Male .....	82 523	1.0	5 175	17.4	5.9	1.0
Female .....	7 758	1.1	528	49.5	6.4	3.0
Farms by race of operator:						
White .....	89 567	1.0	4 302	18.6	4.6	.8
Black and other races .....	714	1.7	119	74.0	14.3	9.1
Operators by years on present farm:						
Less than 5 years .....	12 515	1.3	1 998	31.6	13.8	3.8
5 years or more .....	57 696	1.0	950	38.1	1.6	.6
Not reported .....	20 070	1.0	2 755	22.9	12.1	2.5
Average years on present farm .....	years..	1.4	4.1	26.4	(X)	(X)
Average age of operator .....	years..	1.4	45.4	18.3	(X)	(X)
<b>Tennessee</b>						
Farms .....	75 076	1.0	9 658	15.3	11.4	1.6
Land in farms .....	11 169 086	.9	483 025	18.6	4.1	.7
Average size of farm .....	148.8	1.4	50.0	15.0	(X)	(X)
Farms by size:						
Less than 10 acres .....	7 336	1.2	1 480	32.5	16.8	4.6
10 to 49 acres .....	22 173	1.0	5 145	21.9	18.8	3.4
Less than 50 acres .....	29 509	1.0	6 625	19.2	18.3	2.9
50 acres or more .....	45 567	1.1	3 033	21.6	6.2	1.3
50 to 99 acres .....	16 353	1.0	1 813	30.4	10.0	2.7
100 to 179 acres .....	13 219	1.3	743	38.9	5.3	2.0
180 acres or more .....	15 995	1.3	477	45.7	2.9	1.3
Harvested cropland .....	58 527	1.0	5 579	17.9	8.7	1.5
..... acres..	3 817 720	.7	147 459	32.1	3.7	1.2
Farms by value of sales:						
Less than \$1,000 .....	9 171	1.2	3 287	25.7	26.4	5.0
\$1,000 to \$2,499 .....	12 275	1.1	2 180	26.8	15.1	3.4
Less than \$2,500 .....	21 446	1.1	5 467	19.8	20.3	3.2
\$2,500 or more .....	53 630	1.1	4 191	19.8	7.2	1.3
\$2,500 to \$9,999 .....	29 283	1.0	3 118	22.9	9.6	2.0
\$10,000 or more .....	24 347	1.2	1 074	34.3	4.2	1.4
Market value of agricultural products sold .....	\$1,000..	.5	41 018	22.4	2.1	.5
Farms by standard industrial classification:						
Crops (01) .....	31 102	1.0	3 311	25.8	9.6	2.3
Livestock (02) .....	43 974	1.0	6 347	18.7	12.6	2.1
Farms by type of organization:						
Individual or family .....	66 992	1.0	8 707	15.6	11.5	1.6
Partnership or corporation .....	7 790	1.0	718	51.5	8.4	4.0
Other .....	294	2.0	—	(X)	—	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>EAST SOUTH CENTRAL—Con.</b>						
<b>Tennessee—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	51 776	1.0	6 232	19.5	10.7	1.9
Part owners and tenants ----- farms..	23 300	1.0	2 701	27.8	10.4	2.6
Part owners ----- farms..	18 280	1.0	1 518	30.6	7.7	2.2
Tenants ----- farms..	5 020	1.3	1 184	50.3	19.1	7.9
Farms by residence of operator:						
On farm operated ----- farms..	53 906	1.0	7 086	18.3	11.6	1.9
Not on farm operated ----- farms..	14 073	1.1	1 541	28.4	9.9	2.6
Not reported ----- farms..	7 097	1.0	1 032	39.9	12.7	4.4
Farms by principal occupation of operator:						
Farming ----- farms..	29 878	1.1	2 081	29.9	6.5	1.8
Other ----- farms..	45 198	1.0	6 222	17.7	12.1	1.9
Farms by sex of operator:						
Male ----- farms..	68 920	1.0	8 486	16.9	11.0	1.7
Female ----- farms..	6 156	1.0	1 172	33.2	16.0	4.4
Farms by race of operator:						
White ----- farms..	74 034	1.0	8 137	17.2	9.9	1.6
Black and other races ----- farms..	1 042	1.5	166	(H)	13.8	11.9
Operators by years on present farm:						
Less than 5 years ----- farms..	9 795	1.5	2 707	24.9	21.7	4.3
5 years or more ----- farms..	47 946	1.0	4 484	24.2	8.6	1.9
Not reported ----- farms..	17 335	1.0	2 467	25.2	12.5	2.8
Average years on present farm ----- years..	18.9	1.5	11.2	29.0	(X)	(X)
Average age of operator ----- years..	54.6	1.4	50.3	16.6	(X)	(X)
<b>Alabama</b>						
Farms ----- number..	37 905	.9	9 895	14.1	20.7	2.5
Land in farms ----- acres..	8 450 823	.6	77 1277	20.0	8.4	1.6
Average size of farm ----- acres..	222.9	1.1	77.9	15.4	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	1 902	1.3	959	45.2	33.5	10.1
10 to 49 acres ----- farms..	10 165	1.2	4 277	21.0	29.6	4.6
Less than 50 acres ----- farms..	12 067	1.1	5 236	19.2	30.3	4.2
50 acres or more ----- farms..	25 838	.9	4 659	18.6	15.3	2.5
50 to 99 acres ----- farms..	8 066	1.1	2 364	25.6	22.7	4.7
100 to 179 acres ----- farms..	6 863	1.1	1 063	33.8	13.4	3.9
180 acres or more ----- farms..	10 909	.8	1 232	37.1	10.1	3.4
Harvested cropland ----- farms..	24 780	.9	3 704	20.5	13.0	2.4
----- acres..	2 104 064	.4	104 532	27.4	4.7	1.3
Farms by value of sales:						
Less than \$1,000 ----- farms..	5 467	1.3	3 747	22.3	40.7	5.4
\$1,000 to \$2,499 ----- farms..	6 196	1.3	3 238	27.4	34.3	6.2
Less than \$2,500 ----- farms..	11 663	1.3	6 985	19.2	37.5	4.5
\$2,500 or more ----- farms..	26 242	.9	2 910	19.0	10.0	1.7
\$2,500 to \$9,999 ----- farms..	12 442	1.2	2 440	21.3	16.4	2.9
\$10,000 or more ----- farms..	13 800	.7	470	33.1	3.3	1.1
Market value of agricultural products sold ----- \$1,000..	2 369 179	.1	30 552	27.8	1.3	.4
Farms by standard industrial classification:						
Crops (01) ----- farms..	10 022	.9	1 661	23.3	14.2	2.9
Livestock (02) ----- farms..	27 883	1.0	8 233	14.9	22.8	2.8
Farms by type of organization:						
Individual or family ----- farms..	34 257	1.0	9 164	14.4	21.1	2.6
Partnership or corporation ----- farms..	3 509	.9	477	55.4	12.0	5.8
Other ----- farms..	139	2.4	253	(H)	64.6	23.1
Farms by tenure of operator:						
Full owners ----- farms..	24 686	1.0	8 789	14.8	26.3	3.1
Part owners and tenants ----- farms..	13 219	.9	1 106	27.8	7.7	2.0
Part owners ----- farms..	10 860	.9	717	35.3	6.2	2.1
Tenants ----- farms..	2 359	1.3	389	44.8	14.2	5.4
Farms by residence of operator:						
On farm operated ----- farms..	27 107	.9	3 986	23.4	12.8	2.6
Not on farm operated ----- farms..	7 182	1.1	2 377	30.3	24.9	5.6
Not reported ----- farms..	3 616	1.0	3 532	18.5	49.4	5.3
Farms by principal occupation of operator:						
Farming ----- farms..	15 712	.8	1 506	30.6	8.7	2.5
Other ----- farms..	22 193	1.1	6 005	19.6	21.3	3.2
Farms by sex of operator:						
Male ----- farms..	35 019	.9	9 445	14.3	21.2	2.6
Female ----- farms..	2 886	1.1	450	54.9	13.5	6.4
Farms by race of operator:						
White ----- farms..	36 370	.9	6 895	17.7	15.9	2.3
Black and other races ----- farms..	1 535	1.6	616	42.5	28.6	8.6
Operators by years on present farm:						
Less than 5 years ----- farms..	4 370	1.5	3 090	25.3	41.4	6.1
5 years or more ----- farms..	25 281	.9	2 574	31.9	9.2	2.7
Not reported ----- farms..	8 254	1.0	4 231	17.1	33.9	4.3
Average years on present farm ----- years..	18.9	1.3	11.2	30.7	(X)	(X)
Average age of operator ----- years..	54.8	1.3	51.8	14.6	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>EAST SOUTH CENTRAL—Con.</b>						
<b>Mississippi</b>						
Farms .....	31 998	1.7	5 418	17.2	14.5	2.3
Land in farms .....	10 188 362	.8	284 120	24.4	2.7	.7
Average size of farm .....	318.4	1.9	52.4	19.3	(X)	(X)
Farms by size:						
Less than 10 acres .....	1 122	2.5	456	50.8	28.9	10.7
10 to 49 acres .....	5 796	2.4	3 218	23.1	35.7	5.4
Less than 50 acres .....	6 918	2.4	3 675	21.0	34.7	5.0
50 acres or more .....	25 080	1.6	1 744	25.0	6.5	1.5
50 to 99 acres .....	6 241	2.1	1 052	30.8	14.4	3.8
100 to 179 acres .....	6 556	2.0	275	63.8	4.0	2.5
180 acres or more .....	12 283	1.4	417	54.9	3.3	1.7
Harvested cropland .....	22 245	1.6	2 257	22.0	9.2	1.9
.....	4 404 612	.5	89 956	35.7	2.0	.7
Farms by value of sales:						
Less than \$1,000 .....	4 876	2.5	2 334	25.0	32.4	5.4
\$1,000 to \$2,499 .....	4 984	2.4	1 109	35.3	18.2	5.2
Less than \$2,500 .....	9 860	2.4	3 443	21.8	25.9	4.1
\$2,500 or more .....	22 138	1.5	1 975	23.1	8.2	1.7
\$2,500 to \$9,999 .....	10 466	2.2	1 271	29.3	10.8	2.8
\$10,000 or more .....	11 672	1.2	704	37.8	5.7	2.0
Market value of agricultural products sold .....	2 336 737	.3	19 594	27.4	.8	.4
Farms by standard industrial classification:						
Crops (01) .....	9 769	1.5	1 238	31.0	11.2	3.1
Livestock (02) .....	22 229	1.8	4 180	19.9	15.8	2.8
Farms by type of organization:						
Individual or family .....	28 263	1.8	5 244	17.4	15.7	2.4
Partnership or corporation .....	3 604	1.2	174	(H)	4.6	4.4
Other .....	131	3.1	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners .....	20 168	1.9	4 567	18.7	18.5	3.0
Part owners and tenants .....	11 830	1.5	851	36.8	6.7	2.3
Part owners .....	8 856	1.5	725	39.7	7.6	2.8
Tenants .....	2 974	1.6	126	96.3	4.1	3.8
Farms by residence of operator:						
On farm operated .....	21 521	1.7	1 981	25.4	8.4	2.0
Not on farm operated .....	7 252	1.8	518	54.1	6.7	3.4
Not reported .....	3 225	1.8	2 920	21.9	47.5	5.7
Farms by principal occupation of operator:						
Farming .....	14 463	1.4	653	39.9	4.3	1.7
Other .....	17 535	2.1	2 641	23.8	13.1	2.8
Farms by sex of operator:						
Male .....	29 479	1.7	4 721	18.0	13.8	2.2
Female .....	2 519	2.0	697	44.4	21.7	7.6
Farms by race of operator:						
White .....	29 475	1.7	2 592	23.3	8.1	1.7
Black and other races .....	2 523	2.4	702	45.1	21.8	7.8
Operators by years on present farm:						
Less than 5 years .....	3 958	2.2	749	39.7	15.9	5.3
5 years or more .....	20 655	1.6	1 220	33.7	5.6	1.8
Not reported .....	7 385	1.9	3 450	20.3	31.8	4.6
Average years on present farm .....	19.2	2.3	12.3	34.7	(X)	(X)
Average age of operator .....	55.3	2.4	57.1	21.0	(X)	(X)
<b>WEST SOUTH CENTRAL</b>						
Farms .....	317 170	.7	54 296	7.8	14.6	.9
Land in farms .....	184 994 894	.4	5 464 224	13.2	2.9	.4
Average size of farm .....	583.3	.8	100.6	14.7	(X)	(X)
Farms by size:						
Less than 10 acres .....	17 615	.9	10 859	19.0	38.1	4.5
10 to 49 acres .....	59 318	.8	22 876	10.8	27.8	2.1
Less than 50 acres .....	76 933	.8	33 736	10.3	30.5	2.1
50 acres or more .....	240 237	.7	20 561	10.6	7.9	.7
50 to 99 acres .....	47 320	.8	9 909	17.2	17.3	2.4
100 to 179 acres .....	51 655	.8	6 057	17.0	10.5	1.6
180 acres or more .....	141 262	.8	4 594	16.6	3.2	.5
Harvested cropland .....	193 945	.7	18 057	11.2	8.5	.9
.....	37 515 327	.4	685 213	18.2	1.8	.3
Farms by value of sales:						
Less than \$1,000 .....	42 408	.8	24 040	12.0	36.2	2.6
\$1,000 to \$2,499 .....	43 514	.9	14 747	13.7	25.3	2.6
Less than \$2,500 .....	85 922	.8	38 787	9.7	31.1	2.0
\$2,500 or more .....	231 248	.7	15 509	10.9	6.3	.6
\$2,500 to \$9,999 .....	99 790	.9	10 166	13.0	9.2	1.1
\$10,000 or more .....	131 458	.7	5 343	20.5	3.9	.8
Market value of agricultural products sold .....	21 334 048	.2	497 178	52.3	2.3	1.2
Farms by standard industrial classification:						
Crops (01) .....	81 001	.6	10 151	15.5	11.1	1.5
Livestock (02) .....	236 169	.7	44 146	8.7	15.7	1.1
Farms by type of organization:						
Individual or family .....	278 956	.7	49 438	8.1	15.1	1.0
Partnership or corporation .....	35 931	.7	3 421	23.7	8.7	1.9
Other .....	2 283	1.0	929	72.6	28.9	15.4

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST SOUTH CENTRAL—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	180 045	.7	45 321	8.4	20.1	1.3
Part owners and tenants ----- farms..	137 125	.7	8 419	16.5	5.8	.9
Part owners ----- farms..	98 867	.7	4 345	19.8	4.2	.8
Tenants ----- farms..	38 258	.8	4 074	27.2	9.6	2.3
Farms by residence of operator:						
On farm operated ----- farms..	193 163	.7	26 282	11.1	12.0	1.2
Not on farm operated ----- farms..	99 648	.8	11 806	17.0	10.6	1.6
Not reported ----- farms..	24 359	.7	16 209	12.3	40.0	2.9
Farms by principal occupation of operator:						
Farming ----- farms..	155 420	.7	11 779	13.1	7.0	.8
Other ----- farms..	161 750	.8	32 947	10.1	16.9	1.4
Farms by sex of operator:						
Male ----- farms..	289 749	.7	47 716	8.4	14.1	1.0
Female ----- farms..	27 421	.8	6 581	20.0	19.4	3.0
Farms by race of operator:						
White ----- farms..	305 983	.7	40 331	9.0	11.6	.9
Black and other races ----- farms..	11 187	.9	4 395	29.3	28.2	6.0
Operators by years on present farm:						
Less than 5 years ----- farms..	42 210	.8	15 119	14.5	26.4	2.9
5 years or more ----- farms..	219 339	.7	20 070	11.7	8.4	.9
Not reported ----- farms..	55 621	.7	19 107	11.9	25.6	2.2
Average years on present farm ----- years..	18.2	1.0	10.0	9.7	(X)	(X)
Average age of operator ----- years..	55.2	1.0	52.1	2.0	(X)	(X)
<b>Arkansas</b>						
Farms ----- number..	43 937	.7	7 490	17.1	14.6	2.5
Land in farms ----- acres..	14 127 711	.4	874 624	25.8	5.8	1.4
Average size of farm ----- acres..	321.5	.8	116.8	23.1	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	1 727	1.1	874	40.2	33.6	9.4
10 to 49 acres ----- farms..	8 295	.9	3 124	23.3	27.4	5.2
Less than 50 acres ----- farms..	10 022	.9	3 998	22.2	28.5	5.2
50 acres or more ----- farms..	33 915	.7	3 492	20.6	9.3	1.8
50 to 99 acres ----- farms..	7 661	.9	1 699	28.4	18.2	4.3
100 to 179 acres ----- farms..	8 110	.9	772	40.2	8.7	3.2
180 acres or more ----- farms..	18 144	.6	1 021	33.0	5.3	1.7
Harvested cropland ----- farms..	30 441	.6	3 623	19.9	10.6	2.1
----- acres..	7 295 095	.2	252 472	35.7	3.3	1.2
Farms by value of sales:						
Less than \$1,000 ----- farms..	4 289	1.1	2 319	25.7	35.1	5.8
\$1,000 to \$2,499 ----- farms..	5 277	1.1	2 711	30.5	33.9	6.8
Less than \$2,500 ----- farms..	9 566	1.0	5 030	22.6	34.5	5.1
\$2,500 or more ----- farms..	34 371	.6	2 461	22.5	6.7	1.4
\$2,500 to \$9,999 ----- farms..	13 249	1.0	1 446	32.1	9.8	2.9
\$10,000 or more ----- farms..	21 122	.5	1 014	30.2	4.6	1.3
Market value of agricultural products sold ----- \$1,000..	4 159 505	.1	53 739	25.2	1.3	.3
Farms by standard industrial classification:						
Crops (01) ----- farms..	11 920	.6	1 964	24.2	14.1	3.1
Livestock (02) ----- farms..	32 017	.7	5 527	21.6	14.7	3.0
Farms by type of organization:						
Individual or family ----- farms..	38 221	.7	6 737	17.4	15.0	2.6
Partnership or corporation ----- farms..	5 538	.5	556	49.0	9.1	4.1
Other ----- farms..	178	2.2	157	(H)	46.8	25.1
Farms by tenure of operator:						
Full owners ----- farms..	26 237	.7	6 428	18.6	19.7	3.4
Part owners and tenants ----- farms..	17 700	.6	1 022	31.9	5.5	1.7
Part owners ----- farms..	12 584	.6	619	44.0	4.7	2.0
Tenants ----- farms..	5 116	.7	403	41.7	7.3	2.8
Farms by residence of operator:						
On farm operated ----- farms..	30 801	.7	3 872	24.7	11.2	2.8
Not on farm operated ----- farms..	9 397	.7	1 109	31.8	10.6	3.1
Not reported ----- farms..	3 739	.8	2 509	27.0	40.2	6.7
Farms by principal occupation of operator:						
Farming ----- farms..	23 273	.6	1 394	30.4	5.7	1.7
Other ----- farms..	20 664	.9	4 493	21.6	17.9	3.6
Farms by sex of operator:						
Male ----- farms..	40 338	.7	6 288	18.0	13.5	2.4
Female ----- farms..	3 599	.8	1 202	50.0	25.0	9.7
Farms by race of operator:						
White ----- farms..	43 089	.7	5 552	20.0	11.4	2.3
Black and other races ----- farms..	848	1.5	335	57.7	28.3	11.9
Operators by years on present farm:						
Less than 5 years ----- farms..	6 357	1.0	2 046	23.5	24.3	4.8
5 years or more ----- farms..	29 606	.7	2 953	27.3	9.1	2.5
Not reported ----- farms..	7 974	.7	2 492	27.3	23.8	5.0
Average years on present farm ----- years..	17.7	1.0	10.4	31.5	(X)	(X)
Average age of operator ----- years..	53.0	1.0	50.8	21.2	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent	
<b>WEST SOUTH CENTRAL—Con.</b>							
<b>Louisiana</b>							
Farms .....	25 652	1.6	4 003	26.9	13.5	3.1	
Land in farms .....	7 837 545	.6	266 504	30.6	3.3	1.0	
Average size of farm .....	305.5	1.7	66.6	20.7	(X)	(X)	
Farms by size:							
Less than 10 acres .....	1 934	2.8	953	48.2	33.0	10.6	
10 to 49 acres .....	6 895	2.5	1 856	32.5	21.2	5.4	
Less than 50 acres .....	8 829	2.6	2 809	28.5	24.1	5.2	
50 acres or more .....	16 823	1.3	1 194	41.9	6.6	2.6	
50 to 99 acres .....	4 235	2.1	433	76.5	9.3	6.4	
100 to 179 acres .....	3 656	1.8	611	57.7	14.3	7.0	
180 acres or more .....	8 932	.9	149	44.2	1.6	.7	
Harvested cropland .....	17 171	1.4	966	41.7	5.3	2.1	
..... acres..	3 810 690	.3	54 518	51.6	1.4	.7	
Farms by value of sales:							
Less than \$1,000 .....	4 179	2.8	1 899	46.1	31.2	9.8	
\$1,000 to \$2,499 .....	3 829	2.6	1 077	43.9	21.9	7.5	
Less than \$2,500 .....	8 008	2.7	2 976	35.6	27.1	7.0	
\$2,500 or more .....	17 644	1.3	1 027	29.8	5.5	1.5	
\$2,500 to \$9,999 .....	7 071	2.2	736	38.0	9.4	3.2	
\$10,000 or more .....	10 573	1.0	291	43.5	2.7	1.1	
Market value of agricultural products sold .....	\$1,000..	1 607 511	.2	27 283	31.1	1.7	.8
Farms by standard industrial classification:							
Crops (01) .....	9 968	1.2	502	42.0	4.8	1.9	
Livestock (02) .....	15 684	1.9	3 501	29.8	18.2	4.4	
Farms by type of organization:							
Individual or family .....	22 310	1.7	3 896	27.6	14.9	3.5	
Partnership or corporation .....	3 137	1.2	107	77.0	3.3	2.4	
Other .....	205	2.6	—	(X)	—	(X)	
Farms by tenure of operator:							
Full owners .....	13 751	2.0	3 041	30.8	18.1	4.5	
Part owners and tenants .....	11 901	1.2	962	42.7	7.5	2.9	
Part owners .....	8 018	1.3	736	52.1	8.4	4.0	
Tenants .....	3 883	1.3	226	59.8	5.5	3.1	
Farms by residence of operator:							
On farm operated .....	16 351	1.6	1 579	32.6	8.8	2.6	
Not on farm operated .....	6 732	1.6	524	37.0	7.2	2.5	
Not reported .....	2 569	1.8	1 899	44.1	42.5	10.6	
Farms by principal occupation of operator:							
Farming .....	12 931	1.1	1 300	35.5	9.1	2.9	
Other .....	12 721	2.2	1 383	33.8	9.8	3.0	
Farms by sex of operator:							
Male .....	23 786	1.6	3 871	27.8	14.0	3.3	
Female .....	1 866	2.1	132	65.3	6.6	4.0	
Farms by race of operator:							
White .....	24 470	1.6	2 378	29.4	8.9	2.4	
Black and other races .....	1 182	2.4	305	58.9	20.5	9.7	
Operators by years on present farm:							
Less than 5 years .....	3 497	2.2	758	38.4	17.8	5.6	
5 years or more .....	16 402	1.5	1 556	36.8	8.7	2.9	
Not reported .....	5 753	1.9	1 689	45.7	22.7	8.0	
Average years on present farm .....	years..	17.7	13.0	41.7	(X)	(X)	
Average age of operator .....	years..	53.5	54.0	25.8	(X)	(X)	
<b>Oklahoma</b>							
Farms .....	66 937	1.5	7 589	21.6	10.2	2.0	
Land in farms .....	32 143 030	1.0	713 674	19.6	2.2	.4	
Average size of farm .....	480.2	1.8	94.0	17.9	(X)	(X)	
Farms by size:							
Less than 10 acres .....	2 832	1.6	778	44.6	21.5	7.7	
10 to 49 acres .....	9 614	1.6	3 236	30.3	25.2	5.7	
Less than 50 acres .....	12 446	1.6	4 013	26.3	24.4	4.9	
50 acres or more .....	54 491	1.6	3 576	24.5	6.2	1.4	
50 to 99 acres .....	9 250	1.7	1 964	40.9	17.5	6.0	
100 to 179 acres .....	11 849	1.8	818	38.5	6.5	2.3	
180 acres or more .....	33 392	1.6	793	35.1	2.3	.8	
Harvested cropland .....	42 015	1.5	3 038	23.6	6.7	1.5	
..... acres..	8 272 889	.8	90 520	23.0	1.1	.2	
Farms by value of sales:							
Less than \$1,000 .....	7 721	1.6	3 655	28.7	32.1	6.2	
\$1,000 to \$2,499 .....	8 181	1.7	1 843	31.6	18.4	4.7	
Less than \$2,500 .....	15 902	1.6	5 497	24.9	25.7	4.7	
\$2,500 or more .....	51 035	1.6	2 092	24.2	3.9	.9	
\$2,500 to \$9,999 .....	21 397	1.8	1 663	27.6	7.2	1.8	
\$10,000 or more .....	29 638	1.6	429	36.6	1.4	.5	
Market value of agricultural products sold .....	\$1,000..	3 562 646	.4	24 216	22.9	.7	.2
Farms by standard industrial classification:							
Crops (01) .....	15 298	1.4	1 976	31.9	11.4	3.2	
Livestock (02) .....	51 639	1.5	5 613	22.1	9.8	2.0	
Farms by type of organization:							
Individual or family .....	60 304	1.5	6 969	19.9	10.4	1.9	
Partnership or corporation .....	6 181	1.4	604	58.8	8.9	4.7	
Other .....	452	1.9	—	(X)	—	(X)	

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST SOUTH CENTRAL—Con.</b>						
<b>Oklahoma—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	35 802	1.6	6 036	22.3	14.4	2.8
Part owners and tenants ----- farms..	31 135	1.4	1 347	32.8	4.1	1.3
Part owners ----- farms..	24 039	1.4	772	37.9	3.1	1.1
Tenants ----- farms..	7 096	1.5	575	52.4	7.5	3.6
Farms by residence of operator:						
On farm operated ----- farms..	44 951	1.5	4 178	26.1	8.5	2.0
Not on farm operated ----- farms..	16 622	1.6	803	40.2	4.6	1.8
Not reported ----- farms..	5 364	1.5	2 608	28.3	32.7	6.3
Farms by principal occupation of operator:						
Farming ----- farms..	33 279	1.5	1 191	35.9	3.5	1.2
Other ----- farms..	33 658	1.6	4 878	21.8	12.7	2.4
Farms by sex of operator:						
Male ----- farms..	61 611	1.5	6 753	20.6	9.9	1.9
Female ----- farms..	5 326	1.6	836	50.9	13.6	5.8
Farms by race of operator:						
White ----- farms..	63 781	1.5	5 468	22.8	7.9	1.7
Black and other races ----- farms..	3 156	1.6	601	49.1	16.0	6.7
Operators by years on present farm:						
Less than 5 years ----- farms..	8 672	1.5	2 388	30.4	21.6	5.2
5 years or more ----- farms..	46 219	1.5	2 213	32.3	4.6	1.4
Not reported ----- farms..	12 046	1.5	2 988	25.9	19.9	4.2
Average years on present farm ----- years..	19.5	2.2	8.7	31.0	(X)	(X)
Average age of operator ----- years..	55.0	2.1	49.8	21.1	(X)	(X)
<b>Texas</b>						
Farms ----- number..	180 644	1.1	35 214	10.0	16.3	1.6
Land in farms ----- acres..	130 886 608	.5	3 609 421	18.5	2.7	.5
Average size of farm ----- acres..	724.6	1.2	102.5	18.7	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	11 122	1.2	8 255	23.6	42.6	5.9
10 to 49 acres ----- farms..	34 514	1.2	14 660	14.1	29.8	3.2
Less than 50 acres ----- farms..	45 636	1.2	22 915	13.5	33.4	3.2
50 acres or more ----- farms..	135 008	1.1	12 299	14.5	8.3	1.2
50 to 99 acres ----- farms..	26 174	1.3	5 812	23.8	18.2	3.6
100 to 179 acres ----- farms..	28 040	1.2	3 856	22.4	12.1	2.4
180 acres or more ----- farms..	80 794	1.1	2 631	23.5	3.2	.7
Harvested cropland ----- farms..	104 318	1.0	10 430	16.2	9.1	1.4
----- acres..	18 136 653	.7	287 704	27.3	1.6	.4
Farms by value of sales:						
Less than \$1,000 ----- farms..	26 219	1.2	16 167	15.2	38.1	3.6
\$1,000 to \$2,499 ----- farms..	26 227	1.2	9 118	18.4	25.8	3.5
Less than \$2,500 ----- farms..	52 446	1.2	25 285	12.5	32.5	2.7
\$2,500 or more ----- farms..	128 198	1.1	9 929	14.9	7.2	1.0
\$2,500 to \$9,999 ----- farms..	58 073	1.3	6 321	17.7	9.8	1.6
\$10,000 or more ----- farms..	70 125	1.1	3 608	28.6	4.9	1.3
Market value of agricultural products sold ----- \$1,000..	12 004 385	.3	391 940	66.2	3.2	2.1
Farms by standard industrial classification:						
Crops (01) ----- farms..	43 815	1.0	5 708	23.5	11.5	2.5
Livestock (02) ----- farms..	136 829	1.1	29 506	11.0	17.7	1.8
Farms by type of organization:						
Individual or family ----- farms..	158 121	1.1	31 835	10.7	16.8	1.7
Partnership or corporation ----- farms..	21 075	1.2	2 154	31.2	9.3	2.6
Other ----- farms..	1 448	1.4	773	84.9	34.8	19.3
Farms by tenure of operator:						
Full owners ----- farms..	104 255	1.1	29 817	10.8	22.2	2.1
Part owners and tenants ----- farms..	76 389	1.0	5 087	23.8	6.2	1.4
Part owners ----- farms..	54 226	1.0	2 218	29.7	3.9	1.1
Tenants ----- farms..	22 163	1.2	2 870	36.4	11.5	3.8
Farms by residence of operator:						
On farm operated ----- farms..	101 060	1.0	16 653	14.9	14.1	1.9
Not on farm operated ----- farms..	66 897	1.1	9 369	20.7	12.3	2.3
Not reported ----- farms..	12 687	1.0	9 192	16.3	42.0	4.2
Farms by principal occupation of operator:						
Farming ----- farms..	85 937	1.0	7 894	16.9	8.4	1.4
Other ----- farms..	94 707	1.1	22 194	13.3	19.0	2.2
Farms by sex of operator:						
Male ----- farms..	164 014	1.0	30 804	11.0	15.8	1.6
Female ----- farms..	16 630	1.2	4 410	24.7	21.0	4.2
Farms by race of operator:						
White ----- farms..	174 643	1.0	26 933	11.6	13.4	1.5
Black and other races ----- farms..	6 001	1.4	3 155	38.9	34.5	8.9
Operators by years on present farm:						
Less than 5 years ----- farms..	23 684	1.2	9 928	20.0	29.5	4.5
5 years or more ----- farms..	127 112	1.0	13 348	15.0	9.5	1.3
Not reported ----- farms..	29 848	1.1	11 938	15.7	28.6	3.3
Average years on present farm ----- years..	17.9	1.5	9.9	17.3	(X)	(X)
Average age of operator ----- years..	56.1	1.5	52.7	11.6	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>MOUNTAIN</b>						
Farms ..... number..	118 275	.3	15 449	10.6	11.6	1.0
Land in farms ..... acres..	240 745 637	.1	1 643 037	21.9	.7	.2
Average size of farm ..... acres..	2 035.5	.3	106.3	24.8	(X)	(X)
Farms by size:						
Less than 10 acres ..... farms..	13 852	.6	6 498	17.4	31.9	3.9
10 to 49 acres ..... farms..	22 126	.5	5 199	15.4	19.0	2.4
Less than 50 acres ..... farms..	35 978	.5	11 697	12.2	24.5	2.2
50 acres or more ..... farms..	82 297	.3	3 753	18.1	4.4	.7
50 to 99 acres ..... farms..	10 537	.5	805	32.4	7.1	2.0
100 to 179 acres ..... farms..	11 286	.5	826	27.6	6.8	1.8
180 acres or more ..... farms..	60 474	.3	2 122	24.1	3.4	.8
Harvested cropland ..... farms..	79 893	.3	8 145	11.8	9.3	1.0
..... acres..	22 913 880	.2	302 515	23.0	1.3	.3
Farms by value of sales:						
Less than \$1,000 ..... farms..	16 262	.6	7 010	17.2	30.1	3.4
\$1,000 to \$2,499 ..... farms..	12 383	.6	4 240	18.0	25.5	3.5
Less than \$2,500 ..... farms..	28 645	.6	11 250	13.4	28.2	2.6
\$2,500 or more ..... farms..	89 630	.3	4 200	14.9	4.5	.6
\$2,500 to \$9,999 ..... farms..	24 998	.5	2 703	17.9	9.8	1.6
\$10,000 or more ..... farms..	64 632	.3	1 497	24.1	2.3	.5
Market value of agricultural products sold ..... \$1,000..	13 421 775	.1	154 422	46.5	1.1	.6
Farms by standard industrial classification:						
Crops (01) ..... farms..	44 467	.4	5 468	14.1	11.0	1.4
Livestock (02) ..... farms..	73 808	.3	9 981	13.4	11.9	1.3
Farms by type of organization:						
Individual or family ..... farms..	95 434	.4	14 533	11.1	13.2	1.2
Partnership or corporation ..... farms..	21 177	.3	570	35.8	2.6	.9
Other ..... farms..	1 664	.7	142	71.6	7.9	5.2
Farms by tenure of operator:						
Full owners ..... farms..	65 528	.4	12 184	11.9	15.7	1.5
Part owners and tenants ..... farms..	52 747	.3	2 940	18.0	5.3	.9
Part owners ..... farms..	38 283	.3	1 097	24.7	2.8	.6
Tenants ..... farms..	14 464	.5	1 843	24.2	11.3	2.5
Farms by residence of operator:						
On farm operated ..... farms..	84 487	.3	11 243	12.0	11.7	1.3
Not on farm operated ..... farms..	25 920	.4	1 977	19.9	7.1	1.3
Not reported ..... farms..	7 868	.4	2 230	26.0	22.1	3.9
Farms by principal occupation of operator:						
Farming ..... farms..	69 959	.3	3 467	22.1	4.7	1.0
Other ..... farms..	48 316	.5	10 104	11.8	17.3	1.7
Farms by sex of operator:						
Male ..... farms..	108 568	.3	13 589	10.8	11.1	1.0
Female ..... farms..	9 707	.5	1 861	32.4	16.1	4.7
Farms by race of operator:						
White ..... farms..	113 306	.3	12 778	11.4	10.1	1.0
Black and other races ..... farms..	4 969	.9	818	32.1	14.1	3.7
Operators by years on present farm:						
Less than 5 years ..... farms..	16 124	.6	3 877	15.5	19.4	2.4
5 years or more ..... farms..	84 221	.3	8 216	14.5	8.9	1.2
Not reported ..... farms..	17 930	.4	3 356	18.8	15.8	2.5
Average years on present farm ..... years..	18.7	.5	10.3	7.6	(X)	(X)
Average age of operator ..... years..	53.4	.5	49.2	2.3	(X)	(X)
<b>Montana</b>						
Farms ..... number..	22 821	.9	1 821	38.8	7.4	2.7
Land in farms ..... acres..	59 642 536	.2	558 469	54.3	.9	.5
Average size of farm ..... acres..	2 613.5	.9	306.7	56.4	(X)	(X)
Farms by size:						
Less than 10 acres ..... farms..	1 209	1.6	676	73.9	35.9	17.0
10 to 49 acres ..... farms..	2 804	1.5	566	56.7	16.8	7.9
Less than 50 acres ..... farms..	4 013	1.4	1 242	52.1	23.6	9.4
50 acres or more ..... farms..	18 808	.9	578	47.6	3.0	1.4
50 to 99 acres ..... farms..	1 446	1.6	28	98.3	1.9	1.8
100 to 179 acres ..... farms..	1 615	1.6	151	74.8	8.5	5.8
180 acres or more ..... farms..	15 747	.8	400	60.8	2.5	1.5
Harvested cropland ..... farms..	17 100	.8	1 214	43.6	6.6	2.7
..... acres..	8 199 296	.4	90 540	63.2	1.1	.7
Farms by value of sales:						
Less than \$1,000 ..... farms..	2 408	1.5	1 051	51.5	30.4	10.9
\$1,000 to \$2,499 ..... farms..	1 665	1.7	426	64.4	20.4	10.5
Less than \$2,500 ..... farms..	4 073	1.5	1 477	45.8	26.6	9.0
\$2,500 or more ..... farms..	18 748	.9	344	65.4	1.8	1.2
\$2,500 to \$9,999 ..... farms..	3 895	1.5	52	(H)	1.3	1.3
\$10,000 or more ..... farms..	14 853	.8	291	73.4	1.9	1.4
Market value of agricultural products sold ..... \$1,000..	1 730 237	.3	10 650	64.5	.6	.4
Farms by standard industrial classification:						
Crops (01) ..... farms..	9 044	.9	646	52.7	6.7	3.3
Livestock (02) ..... farms..	13 777	.9	1 175	39.1	7.9	2.8
Farms by type of organization:						
Individual or family ..... farms..	17 723	1.0	1 768	39.7	9.1	3.3
Partnership or corporation ..... farms..	4 844	.7	—	(X)	—	(X)
Other ..... farms..	254	1.9	52	(H)	17.1	14.2

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>MOUNTAIN—Con.</b>						
<b>Montana—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	10 763	1.1	1 382	41.7	11.4	4.2
Part owners and tenants ----- farms..	12 058	.8	439	58.8	3.5	2.0
Part owners ----- farms..	9 039	.6	43	72.3	0.5	0.3
Tenants ----- farms..	3 019	1.4	396	60.5	11.6	6.2
Farms by residence of operator:						
On farm operated ----- farms..	16 982	.8	1 381	47.7	7.5	3.3
Not on farm operated ----- farms..	4 103	1.4	220	80.6	5.1	3.9
Not reported ----- farms..	1 736	1.0	220	94.4	11.2	9.4
Farms by principal occupation of operator:						
Farming ----- farms..	16 006	.8	594	52.3	3.6	1.8
Other ----- farms..	6 815	1.4	1 227	47.4	15.3	6.1
Farms by sex of operator:						
Male ----- farms..	20 995	.9	1 707	40.8	7.5	2.8
Female ----- farms..	1 826	1.3	114	88.5	5.9	4.9
Farms by race of operator:						
White ----- farms..	22 356	.9	1 821	38.8	7.5	2.7
Black and other races ----- farms..	465	1.9	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years ----- farms..	2 695	1.6	276	77.5	9.3	6.5
5 years or more ----- farms..	16 631	.8	865	49.6	4.9	2.3
Not reported ----- farms..	3 495	1.0	680	49.9	16.3	6.8
Average years on present farm ----- years..	20.1	1.2	9.1	25.5	(X)	(X)
Average age of operator ----- years..	52.9	1.3	45.4	6.8	(X)	(X)
<b>Idaho</b>						
Farms ----- number..	22 124	.8	2 363	25.4	9.6	2.2
Land in farms ----- acres..	13 468 992	.3	70 557	39.7	.5	.2
Average size of farm ----- acres..	608.8	.8	29.9	41.8	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	2 785	1.2	1 366	43.7	32.9	9.6
10 to 49 acres ----- farms..	5 017	1.0	758	28.4	13.1	3.2
Less than 50 acres ----- farms..	7 802	1.0	2 124	27.8	21.4	4.7
50 acres or more ----- farms..	14 322	.8	239	55.1	1.6	.9
50 to 99 acres ----- farms..	2 557	1.2	61	99.9	2.3	2.3
100 to 179 acres ----- farms..	2 513	1.3	16	77.6	.6	.5
180 acres or more ----- farms..	9 252	.7	162	71.4	1.7	1.2
Harvested cropland ----- farms..	16 023	.8	1 455	23.4	8.3	1.8
----- acres..	4 225 273	.4	21 068	39.1	.5	.2
Farms by value of sales:						
Less than \$1,000 ----- farms..	2 503	1.1	1 374	39.5	35.4	9.0
\$1,000 to \$2,499 ----- farms..	2 223	1.1	663	43.2	23.0	7.6
Less than \$2,500 ----- farms..	4 726	1.0	2 037	29.7	30.1	6.3
\$2,500 or more ----- farms..	17 398	.8	325	44.4	1.8	.8
\$2,500 to \$9,999 ----- farms..	4 619	1.0	186	48.0	3.9	1.8
\$10,000 or more ----- farms..	12 779	.9	140	81.9	1.1	.9
Market value of agricultural products sold ----- \$1,000..	2 964 216	.2	9 766	66.1	.3	.2
Farms by standard industrial classification:						
Crops (01) ----- farms..	9 704	.8	807	28.2	7.7	2.0
Livestock (02) ----- farms..	12 420	.8	1 555	36.4	11.1	3.6
Farms by type of organization:						
Individual or family ----- farms..	18 534	.8	2 235	26.5	10.8	2.5
Partnership or corporation ----- farms..	3 361	.8	127	71.1	3.7	2.5
Other ----- farms..	229	1.8	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	13 000	.8	2 246	26.7	14.7	3.4
Part owners and tenants ----- farms..	9 124	.8	117	67.6	1.3	.8
Part owners ----- farms..	6 502	.7	16	74.8	.2	.2
Tenants ----- farms..	2 622	1.3	101	77.4	3.7	2.8
Farms by residence of operator:						
On farm operated ----- farms..	16 905	.8	2 352	25.5	12.2	2.7
Not on farm operated ----- farms..	3 826	1.2	—	(X)	—	(X)
Not reported ----- farms..	1 393	1.0	11	(H)	.8	.8
Farms by principal occupation of operator:						
Farming ----- farms..	13 082	.8	845	61.0	6.1	3.5
Other ----- farms..	9 042	1.0	1 517	22.7	14.4	2.8
Farms by sex of operator:						
Male ----- farms..	20 745	.8	1 715	21.7	7.6	1.5
Female ----- farms..	1 379	1.1	647	76.6	32.0	16.7
Farms by race of operator:						
White ----- farms..	21 802	.8	2 295	26.1	9.5	2.2
Black and other races ----- farms..	322	1.8	68	99.9	17.4	14.4
Operators by years on present farm:						
Less than 5 years ----- farms..	3 254	1.4	788	24.8	19.5	3.9
5 years or more ----- farms..	15 903	.7	1 497	38.0	8.6	3.0
Not reported ----- farms..	2 967	1.0	77	87.3	2.5	2.2
Average years on present farm ----- years..	18.3	1.1	8.3	18.5	(X)	(X)
Average age of operator ----- years..	52.2	1.1	44.9	6.4	(X)	(X)

See footnotes at end of table.



**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>MOUNTAIN—Con.</b>						
<b>Wyoming</b>						
Farms .....	8 716	.6	875	33.5	9.1	3.2
Land in farms .....	32 876 071	.1	193 324	36.3	.6	.2
Average size of farm .....	3 771.9	.6	221.0	35.7	(X)	(X)
Farms by size:						
Less than 10 acres .....	449	1.8	108	69.1	19.4	10.8
10 to 49 acres .....	994	1.5	391	60.2	28.2	12.7
Less than 50 acres .....	1 443	1.3	499	50.1	25.7	10.0
50 acres or more .....	7 273	.5	376	45.9	4.9	2.3
50 to 99 acres .....	592	1.7	58	(H)	8.9	8.5
100 to 179 acres .....	764	1.5	88	74.4	10.3	6.9
180 acres or more .....	5 917	.5	230	62.0	3.7	2.4
Harvested cropland .....	5 735	.6	414	42.9	6.7	2.9
..... acres..	1 532 732	.2	34 283	45.4	2.2	1.0
Farms by value of sales:						
Less than \$1,000 .....	930	1.3	555	39.4	37.4	9.2
\$1,000 to \$2,499 .....	601	1.7	18	75.2	3.0	2.2
Less than \$2,500 .....	1531	1.2	573	38.7	27.2	7.7
\$2,500 or more .....	7 185	.6	302	41.4	4.0	1.6
\$2,500 to \$9,999 .....	1 668	1.2	119	78.7	6.7	4.9
\$10,000 or more .....	5 517	.5	183	46.4	3.2	1.4
Market value of agricultural products sold .....	\$1,000..	824 205	.1	13 308	46.7	1.6
Farms by standard industrial classification:						
Crops (01) .....	2 054	.8	206	60.0	9.1	5.0
Livestock (02) .....	6 662	.6	668	33.9	9.1	3.3
Farms by type of organization:						
Individual or family .....	6 781	.6	862	33.9	11.3	3.8
Partnership or corporation .....	1 816	.6	(L)	(H)	(L)	(L)
Other .....	119	2.1	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners .....	4 051	.8	691	34.2	14.6	5.0
Part owners and tenants .....	4 665	.5	171	59.5	3.5	2.0
Part owners .....	3 436	.5	6	91.5	.2	.2
Tenants .....	1 229	.9	165	61.6	11.9	6.5
Farms by residence of operator:						
On farm operated .....	6 500	.6	627	35.1	8.8	3.3
Not on farm operated .....	1 665	.9	18	61.8	1.1	.7
Not reported .....	551	1.2	229	52.0	29.3	10.8
Farms by principal occupation of operator:						
Farming .....	5 612	.5	139	55.5	2.4	1.3
Other .....	3 104	1.0	422	39.4	12.0	4.6
Farms by sex of operator:						
Male .....	7 922	.6	741	36.5	8.6	3.2
Female .....	794	1.2	133	74.0	14.4	9.0
Farms by race of operator:						
White .....	8 603	.6	561	33.6	6.1	2.1
Black and other races .....	113	2.8	—	(X)	—	(X)
Operators by years on present farm:						
Less than 5 years .....	1 174	1.2	140	56.7	10.6	5.5
5 years or more .....	6 352	.6	292	52.3	4.4	2.4
Not reported .....	1 190	.9	443	39.4	27.1	8.6
Average years on present farm .....	years..	19.1	.8	14.2	57.2	(X)
Average age of operator .....	years..	53.4	.8	46.7	33.7	(X)
<b>Colorado</b>						
Farms .....	27 152	.8	3 016	24.8	10.0	2.4
Land in farms .....	33 983 029	.2	343 358	34.5	1.0	.4
Average size of farm .....	1 251.6	.8	113.9	29.0	(X)	(X)
Farms by size:						
Less than 10 acres .....	2 424	1.4	364	62.0	13.1	7.1
10 to 49 acres .....	4 867	1.3	1 193	39.5	19.7	6.4
Less than 50 acres .....	7 291	1.2	1 558	33.2	17.6	5.0
50 acres or more .....	19 861	.7	1 458	34.4	6.8	2.3
50 to 99 acres .....	2 459	1.2	457	50.2	15.7	6.8
100 to 179 acres .....	2 912	1.1	301	48.1	9.4	4.1
180 acres or more .....	14 490	.7	699	49.8	4.6	2.2
Harvested cropland .....	18 573	.8	1 421	35.3	7.1	2.4
..... acres..	5 532 964	.4	64 984	45.3	1.2	.5
Farms by value of sales:						
Less than \$1,000 .....	3 689	1.5	562	53.6	13.2	6.1
\$1,000 to \$2,499 .....	2 676	1.5	1 182	41.2	30.6	8.7
Less than \$2,500 .....	6 365	1.4	1 745	33.3	21.5	5.6
\$2,500 or more .....	20 787	.7	1 271	33.2	5.8	1.8
\$2,500 to \$9,999 .....	5 642	1.1	891	39.2	13.6	4.6
\$10,000 or more .....	15 145	.7	380	49.9	2.4	1.2
Market value of agricultural products sold .....	\$1,000..	4 115 552	.1	15 644	36.7	.4
Farms by standard industrial classification:						
Crops (01) .....	11 033	.8	1 315	38.1	10.7	3.8
Livestock (02) .....	16 119	.8	1 700	32.8	9.5	2.9
Farms by type of organization:						
Individual or family .....	22 359	.9	2 797	26.1	11.1	2.8
Partnership or corporation .....	4 539	.7	219	71.8	4.6	3.2
Other .....	254	1.9	—	(X)	—	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>MOUNTAIN—Con.</b>						
<b>Colorado—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	14 707	1.0	2 446	26.1	14.3	3.4
Part owners and tenants ----- farms..	12 445	.7	569	43.8	4.4	1.9
Part owners ----- farms..	8 711	.6	246	72.0	2.7	2.0
Tenants ----- farms..	3 734	1.0	324	55.4	8.0	4.1
Farms by residence of operator:						
On farm operated ----- farms..	19 874	.8	2 364	27.4	10.6	2.8
Not on farm operated ----- farms..	5 759	1.0	652	41.3	10.2	3.9
Not reported ----- farms..	1 519	1.0	—	(X)	(L)	(L)
Farms by principal occupation of operator:						
Farming ----- farms..	16 181	.7	739	39.2	4.4	1.7
Other ----- farms..	10 971	1.1	2 021	28.1	15.6	3.9
Farms by sex of operator:						
Male ----- farms..	24 654	.8	2 740	24.4	10.0	2.3
Female ----- farms..	2 498	1.2	275	75.5	9.9	7.0
Farms by race of operator:						
White ----- farms..	26 526	.8	2 635	26.4	9.0	2.3
Black and other races ----- farms..	626	1.7	125	80.3	16.6	11.1
Operators by years on present farm:						
Less than 5 years ----- farms..	3 985	1.3	752	38.4	15.9	5.1
5 years or more ----- farms..	19 413	.7	2 007	31.6	9.4	2.9
Not reported ----- farms..	3 754	1.0	256	(H)	6.4	6.1
Average years on present farm ----- years..	18.1	1.1	8.9	33.7	(X)	(X)
Average age of operator ----- years..	52.9	1.1	47.0	27.3	(X)	(X)
<b>New Mexico</b>						
Farms ----- number..	14 279	1.1	2 778	22.8	16.3	3.4
Land in farms ----- acres..	46 849 244	.1	203 261	46.7	.4	.2
Average size of farm ----- acres..	3 281.0	1.1	73.2	46.8	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	2 600	1.8	1 646	33.6	38.8	8.0
10 to 49 acres ----- farms..	2 611	1.7	855	25.2	24.7	5.3
Less than 50 acres ----- farms..	5 211	1.7	2 501	24.1	32.4	5.6
50 acres or more ----- farms..	9 068	.8	277	43.5	3.0	1.3
50 to 99 acres ----- farms..	1 003	1.5	27	91.2	2.6	2.3
100 to 179 acres ----- farms..	1 139	1.5	59	76.9	4.9	3.6
180 acres or more ----- farms..	6 926	.6	191	55.8	2.7	1.5
Harvested cropland ----- farms..	7 213	1.1	1421	22.6	16.5	3.6
----- acres..	1 060 345	.3	20 325	35.1	1.9	.7
Farms by value of sales:						
Less than \$1,000 ----- farms..	2 812	1.7	1 270	33.6	31.1	7.2
\$1,000 to \$2,499 ----- farms..	2 056	1.8	833	42.3	28.8	8.7
Less than \$2,500 ----- farms..	4 868	1.7	2 103	29.7	30.2	6.2
\$2,500 or more ----- farms..	9 411	.8	674	33.6	6.7	2.1
\$2,500 to \$9,999 ----- farms..	3 578	1.4	615	35.9	14.7	4.5
\$10,000 or more ----- farms..	5 833	.5	59	73.6	1.0	.7
Market value of agricultural products sold ----- \$1,000..	1 258 883	.1	5 374	25.8	.4	.1
Farms by standard industrial classification:						
Crops (01) ----- farms..	4 547	1.2	977	24.9	17.7	4.0
Livestock (02) ----- farms..	9 732	1.0	1 800	32.1	15.6	4.3
Farms by type of organization:						
Individual or family ----- farms..	11 959	1.1	2 747	23.0	18.7	3.8
Partnership or corporation ----- farms..	2 070	.8	2	(H)	(L)	(L)
Other ----- farms..	250	1.7	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	8 383	1.3	2 298	22.6	21.5	4.2
Part owners and tenants ----- farms..	5 896	.8	449	63.3	7.1	4.1
Part owners ----- farms..	4 389	.8	147	73.4	3.2	2.3
Tenants ----- farms..	1 507	1.2	302	85.2	16.7	11.8
Farms by residence of operator:						
On farm operated ----- farms..	9 404	1.1	1 953	27.5	17.2	4.1
Not on farm operated ----- farms..	3 854	1.2	159	53.0	4.0	2.0
Not reported ----- farms..	1 021	1.1	666	35.6	39.5	9.0
Farms by principal occupation of operator:						
Farming ----- farms..	7 540	.7	589	52.4	7.2	3.5
Other ----- farms..	6 739	1.5	1 741	24.5	20.5	4.4
Farms by sex of operator:						
Male ----- farms..	12 846	1.0	2 476	24.0	16.2	3.5
Female ----- farms..	1 433	1.4	302	54.4	17.4	7.8
Farms by race of operator:						
White ----- farms..	11 749	1.0	2 009	25.7	14.6	3.4
Black and other races ----- farms..	2 530	1.6	320	59.7	11.2	6.3
Operators by years on present farm:						
Less than 5 years ----- farms..	1 968	1.6	289	45.7	12.8	5.0
5 years or more ----- farms..	9 697	1.0	1 682	29.2	14.8	3.9
Not reported ----- farms..	2 614	1.2	807	34.6	23.6	6.6
Average years on present farm ----- years..	18.2	1.4	15.2	25.9	(X)	(X)
Average age of operator ----- years..	55.3	1.5	53.9	22.1	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent	
<b>MOUNTAIN—Con.</b>							
<b>Arizona</b>							
Farms .....	6 773	1.2	1 818	41.1	21.2	8.5	
Land in farms .....	35 037 618	(L)	131 783	61.9	.4	.2	
Average size of farm .....	5 173.1	1.2	72.5	46.4	(X)	(X)	
Farms by size:							
Less than 10 acres .....	1 678	2.0	1 015	41.2	37.7	12.8	
10 to 49 acres .....	1 418	1.8	451	78.7	24.1	13.9	
Less than 50 acres .....	3 096	1.8	1 466	42.9	32.1	11.5	
50 acres or more .....	3 677	.8	351	56.4	8.7	4.5	
50 to 99 acres .....	524	2.0	78	84.5	13.0	9.6	
100 to 179 acres .....	524	2.1	52	(H)	9.0	8.3	
180 acres or more .....	2 629	.6	221	65.6	7.8	4.7	
Harvested cropland .....	3 323	1.1	515	42.0	13.4	5.2	
..... acres..	911 355	.3	17 113	47.2	1.8	.9	
Farms by value of sales:							
Less than \$1,000 .....	1 391	2.1	996	69.4	41.7	16.9	
\$1,000 to \$2,499 .....	850	2.2	466	35.6	35.4	8.1	
Less than \$2,500 .....	2 241	2.0	1 462	49.5	39.5	11.8	
\$2,500 or more .....	4 532	.9	356	43.2	7.3	2.9	
\$2,500 to \$9,999 .....	1 343	1.7	110	45.9	7.6	3.2	
\$10,000 or more .....	3 189	.8	245	59.5	7.1	3.9	
Market value of agricultural products sold .....	\$1,000..	1 515 384	.1	85 075	83.0	5.3	4.2
Farms by standard industrial classification:							
Crops (01) .....	2 673	1.2	476	45.3	15.1	6.1	
Livestock (02) .....	4 100	1.3	1 342	47.9	24.7	11.1	
Farms by type of organization:							
Individual or family .....	4 779	1.4	1 794	41.6	27.3	10.1	
Partnership or corporation .....	1 722	.9	24	(H)	1.3	1.3	
Other .....	272	1.9	—	(X)	—	(X)	
Farms by tenure of operator:							
Full owners .....	4 302	1.5	1 372	54.8	24.2	9.9	
Part owners and tenants .....	2 471	.9	446	34.1	15.3	9.9	
Part owners .....	1 468	.8	87	76.7	5.6	4.0	
Tenants .....	1 003	1.2	359	41.2	26.4	17.3	
Farms by residence of operator:							
On farm operated .....	4 142	1.3	922	42.4	18.2	8.9	
Not on farm operated .....	2 172	1.2	129	65.9	5.6	3.5	
Not reported .....	459	1.6	767	59.3	62.6	14.1	
Farms by principal occupation of operator:							
Farming .....	3 613	.9	217	64.2	5.7	3.5	
Other .....	3 160	1.6	1 097	48.1	25.8	11.7	
Farms by sex of operator:							
Male .....	5 941	1.1	1 661	40.7	21.8	8.8	
Female .....	832	1.8	157	80.9	15.8	10.7	
Farms by race of operator:							
White .....	6 127	1.1	1 224	46.1	16.7	8.3	
Black and other races .....	646	2.1	91	79.0	12.4	8.5	
Operators by years on present farm:							
Less than 5 years .....	983	1.9	774	46.0	44.1	17.1	
5 years or more .....	4 706	1.1	522	71.1	10.0	6.1	
Not reported .....	1 084	1.5	522	53.6	32.5	12.2	
Average years on present farm .....	years..	15.6	6.7	37.0	(X)	(X)	
Average age of operator .....	years..	54.3	53.5	37.3	(X)	(X)	
<b>Utah</b>							
Farms .....	13 520	.7	2 384	18.7	15.0	2.8	
Land in farms .....	9 624 463	.1	65 858	25.4	.7	.2	
Average size of farm .....	711.9	.7	27.6	24.5	(X)	(X)	
Farms by size:							
Less than 10 acres .....	2 262	1.1	1 234	29.2	35.3	7.0	
10 to 49 acres .....	3 735	1.0	888	21.8	19.2	3.7	
Less than 50 acres .....	5 997	1.0	2 122	19.6	26.1	4.2	
50 acres or more .....	7 523	.5	262	39.2	3.4	1.3	
50 to 99 acres .....	1 661	1.0	96	47.1	5.4	2.4	
100 to 179 acres .....	1 515	1.0	123	73.4	7.5	5.2	
180 acres or more .....	4 347	.5	43	44.4	1.0	.4	
Harvested cropland .....	10 173	.6	1 400	18.3	12.1	2.2	
..... acres..	1 043 347	.3	23 960	20.9	2.2	.5	
Farms by value of sales:							
Less than \$1,000 .....	2 023	1.2	1 188	22.5	37.0	5.2	
\$1,000 to \$2,499 .....	1 956	1.2	650	27.9	24.9	5.2	
Less than \$2,500 .....	3 979	1.1	1 838	21.9	31.6	4.7	
\$2,500 or more .....	9 541	.6	546	25.7	5.4	1.3	
\$2,500 to \$9,999 .....	3 596	.9	431	29.9	10.7	2.9	
\$10,000 or more .....	5 945	.5	115	41.1	1.9	.8	
Market value of agricultural products sold .....	\$1,000..	725 159	.2	9 284	29.0	1.3	.4
Farms by standard industrial classification:							
Crops (01) .....	4 553	.8	846	20.9	15.7	3.0	
Livestock (02) .....	8 967	.6	1 538	22.7	14.6	3.2	
Farms by type of organization:							
Individual or family .....	11 030	.7	1 933	18.9	14.9	2.8	
Partnership or corporation .....	2 281	.7	200	45.4	8.0	3.4	
Other .....	209	1.6	89	97.1	30.0	20.8	

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>MOUNTAIN—Con.</b>						
<b>Utah—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	8 212	.7	1 548	20.4	15.9	3.2
Part owners and tenants ----- farms..	5 308	.6	674	24.8	11.3	2.6
Part owners ----- farms..	4 229	.6	493	30.9	10.4	3.0
Tenants ----- farms..	1 079	1.2	181	38.5	14.4	4.9
Farms by residence of operator:						
On farm operated ----- farms..	8 476	.7	1405	20.7	14.2	2.9
Not on farm operated ----- farms..	4 048	.8	799	24.2	16.5	3.6
Not reported ----- farms..	996	.9	180	54.6	15.3	7.1
Farms by principal occupation of operator:						
Farming ----- farms..	6 269	.5	180	45.8	2.8	1.2
Other ----- farms..	7 251	.9	1 966	19.8	21.3	3.9
Farms by sex of operator:						
Male ----- farms..	12 925	.6	2 248	19.6	14.8	2.8
Female ----- farms..	595	1.4	137	57.7	18.7	8.9
Farms by race of operator:						
White ----- farms..	13 390	.7	1 959	18.2	12.8	2.4
Black and other races ----- farms..	130	2.5	211	53.2	61.9	13.0
Operators by years on present farm:						
Less than 5 years ----- farms..	1 627	1.2	717	23.5	30.6	5.6
5 years or more ----- farms..	9 517	.6	1 253	23.8	11.6	2.7
Not reported ----- farms..	2 376	.8	414	33.8	14.8	4.4
Average years on present farm ----- years..	20.5	.9	12.5	24.6	(X)	(X)
Average age of operator ----- years..	54.8	.9	52.8	19.5	(X)	(X)
<b>Nevada</b>						
Farms ----- number..	2 890	1.2	396	44.9	12.1	4.8
Land in farms ----- acres..	9 263 684	—	76 428	52.7	.8	.4
Average size of farm ----- acres..	3 205.4	1.2	192.8	44.3	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	445	2.4	88	97.9	16.5	13.5
10 to 49 acres ----- farms..	680	2.0	96	87.2	12.4	9.5
Less than 50 acres ----- farms..	1 125	1.9	184	59.7	14.1	7.2
50 acres or more ----- farms..	1 765	.9	212	68.2	10.7	6.5
50 to 99 acres ----- farms..	295	2.3	—	(X)	—	(X)
100 to 179 acres ----- farms..	304	2.1	37	73.5	10.8	7.1
180 acres or more ----- farms..	1 166	.7	175	69.7	13.1	7.9
Harvested cropland ----- farms..	1 753	1.0	305	50.8	14.8	6.4
----- acres..	408 568	.3	30 242	51.4	6.9	3.3
Farms by value of sales:						
Less than \$1,000 ----- farms..	506	2.4	15	97.9	2.8	2.7
\$1,000 to \$2,499 ----- farms..	356	2.8	—	(X)	—	(X)
Less than \$2,500 ----- farms..	862	2.3	15	97.9	1.7	1.6
\$2,500 or more ----- farms..	2 028	.9	382	44.9	15.8	6.0
\$2,500 to \$9,999 ----- farms..	657	1.9	298	51.2	31.2	11.0
\$10,000 or more ----- farms..	1 371	.8	84	56.5	5.7	3.1
Market value of agricultural products sold ----- \$1,000..	288 139	.1	5 321	48.0	1.8	.9
Farms by standard industrial classification:						
Crops (01) ----- farms..	859	1.3	194	74.0	18.4	11.1
Livestock (02) ----- farms..	2 031	1.2	202	59.1	9.1	4.9
Farms by type of organization:						
Individual or family ----- farms..	2 269	1.3	396	44.9	14.9	5.7
Partnership or corporation ----- farms..	544	1.1	—	(X)	—	(X)
Other ----- farms..	77	2.8	—	(X)	—	(X)
Farms by tenure of operator:						
Full owners ----- farms..	2 110	1.3	202	71.1	8.7	5.7
Part owners and tenants ----- farms..	780	1.2	75	58.9	8.7	4.7
Part owners ----- farms..	509	1.3	60	68.9	10.6	6.5
Tenants ----- farms..	271	1.9	15	97.9	5.1	4.8
Farms by residence of operator:						
On farm operated ----- farms..	2 204	1.2	240	62.3	9.8	5.5
Not on farm operated ----- farms..	493	1.7	—	(X)	—	(X)
Not reported ----- farms..	193	2.1	156	52.9	44.8	13.1
Farms by principal occupation of operator:						
Farming ----- farms..	1 656	.9	163	67.2	9.0	5.5
Other ----- farms..	1 234	1.8	114	(H)	8.5	7.8
Farms by sex of operator:						
Male ----- farms..	2 540	1.1	301	45.6	10.6	4.3
Female ----- farms..	350	2.1	96	79.1	21.4	13.3
Farms by race of operator:						
White ----- farms..	2 753	1.2	273	64.2	9.0	5.3
Black and other races ----- farms..	137	2.9	3	(H)	2.4	2.4
Operators by years on present farm:						
Less than 5 years ----- farms..	438	2.0	141	85.0	24.4	15.7
5 years or more ----- farms..	2 002	1.1	99	87.8	4.7	3.9
Not reported ----- farms..	450	1.7	156	52.9	25.8	10.1
Average years on present farm ----- years..	16.5	1.6	4.9	27.8	(X)	(X)
Average age of operator ----- years..	54.2	1.6	47.6	10.1	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>PACIFIC</b>						
Farms ..... number..	139 825	.5	28 510	10.8	16.9	1.3
Land in farms ..... acres..	62 314 501	.1	1 681 116	23.3	2.6	.6
Average size of farm ..... acres..	445.7	.6	59.0	26.4	(X)	(X)
Farms by size:						
Less than 10 acres ..... farms..	33 212	.7	16 756	15.8	33.5	3.1
10 to 49 acres ..... farms..	47 439	.7	8 087	15.3	14.6	1.9
Less than 50 acres ..... farms..	80 651	.7	24 844	12.1	23.6	1.9
50 acres or more ..... farms..	59 174	.5	3 667	18.4	5.8	1.0
50 to 99 acres ..... farms..	15 559	.6	1 028	35.2	6.2	2.1
100 to 179 acres ..... farms..	11 608	.6	1 032	31.5	8.2	2.5
180 acres or more ..... farms..	32 007	.4	1 607	26.5	4.8	1.2
Harvested cropland ..... farms..	98 810	.6	12 297	13.1	11.1	1.1
..... acres..	15 319 418	.2	183 812	18.8	1.2	.2
Farms by value of sales:						
Less than \$1,000 ..... farms..	25 728	.8	12 478	15.9	32.7	3.2
\$1,000 to \$2,499 ..... farms..	17 434	.7	8 541	23.3	32.9	4.5
Less than \$2,500 ..... farms..	43 162	.7	21 019	14.1	32.8	2.7
\$2,500 or more ..... farms..	96 663	.6	7 491	13.7	7.2	.9
\$2,500 to \$9,999 ..... farms..	29 447	.7	5 171	17.2	14.9	2.2
\$10,000 or more ..... farms..	67 216	.6	2 320	23.9	3.3	.8
Market value of agricultural products sold ..... \$1,000..	23 166 107	.1	177 785	26.3	.8	.2
Farms by standard industrial classification:						
Crops (01) ..... farms..	79 080	.6	9 630	15.8	10.9	1.4
Livestock (02) ..... farms..	60 745	.5	18 880	14.2	23.7	2.3
Farms by type of organization:						
Individual or family ..... farms..	112 819	.6	25 410	11.7	18.4	1.5
Partnership or corporation ..... farms..	25 516	.5	2 542	30.9	9.1	2.6
Other ..... farms..	1 490	1.0	468	59.5	23.9	10.3
Farms by tenure of operator:						
Full owners ..... farms..	98 011	.6	24 455	11.4	20.0	1.6
Part owners and tenants ..... farms..	41 814	.5	3 665	28.3	8.1	2.0
Part owners ..... farms..	26 253	.4	1 373	32.0	5.0	1.5
Tenants ..... farms..	15 561	.7	2 292	38.2	12.8	3.9
Farms by residence of operator:						
On farm operated ..... farms..	102 178	.5	21 375	12.4	17.3	1.6
Not on farm operated ..... farms..	30 531	.7	3 830	26.7	11.1	2.5
Not reported ..... farms..	7 116	.6	3 305	27.9	31.7	5.2
Farms by principal occupation of operator:						
Farming ..... farms..	72 012	.5	6 065	27.2	7.8	1.6
Other ..... farms..	67 813	.6	18 647	11.9	21.6	1.9
Farms by sex of operator:						
Male ..... farms..	123 080	.5	22 468	10.0	15.4	1.3
Female ..... farms..	16 745	.7	6 043	32.1	26.5	5.3
Farms by race of operator:						
White ..... farms..	132 894	.5	22 799	12.0	14.6	1.3
Black and other races ..... farms..	6 931	.9	1 913	38.0	21.6	6.1
Operators by years on present farm:						
Less than 5 years ..... farms..	20 609	.9	9 471	16.9	31.5	3.5
5 years or more ..... farms..	102 113	.5	11 504	14.5	10.1	1.3
Not reported ..... farms..	17 103	.6	7 535	24.6	30.6	4.3
Average years on present farm ..... years..	16.6	.7	9.5	13.7	(X)	(X)
Average age of operator ..... years..	54.3	.8	49.5	2.9	(X)	(X)
<b>Washington</b>						
Farms ..... number..	30 264	.7	7 665	19.7	20.2	3.7
Land in farms ..... acres..	15 726 007	.1	382 599	27.8	2.4	.7
Average size of farm ..... acres..	519.6	.7	49.9	29.5	(X)	(X)
Farms by size:						
Less than 10 acres ..... farms..	5 408	1.0	3 591	33.0	39.9	8.2
10 to 49 acres ..... farms..	10 115	.9	3 278	30.1	24.5	6.0
Less than 50 acres ..... farms..	15 523	.9	6 869	22.0	30.7	5.2
50 acres or more ..... farms..	14 741	.5	796	41.3	5.1	2.1
50 to 99 acres ..... farms..	3 721	.8	274	91.6	6.9	6.1
100 to 179 acres ..... farms..	2 815	.8	300	61.8	9.6	5.4
180 acres or more ..... farms..	8 205	.5	222	51.0	2.6	1.3
Harvested cropland ..... farms..	21 282	.6	2 868	27.5	11.9	2.9
..... acres..	4 734 673	.2	75 293	38.1	1.6	.6
Farms by value of sales:						
Less than \$1,000 ..... farms..	4 943	1.1	2 975	30.7	37.6	7.2
\$1,000 to \$2,499 ..... farms..	4 037	1.1	2 987	29.4	42.5	7.2
Less than \$2,500 ..... farms..	8 980	1.1	5 962	22.8	39.9	5.4
\$2,500 or more ..... farms..	21 284	.6	1 703	28.8	7.4	2.0
\$2,500 to \$9,999 ..... farms..	6 567	1.0	1 086	38.0	14.2	4.6
\$10,000 or more ..... farms..	14 717	.6	617	42.3	4.0	1.6
Market value of agricultural products sold ..... \$1,000..	3 821 222	.1	77 722	52.5	2.0	1.0
Farms by standard industrial classification:						
Crops (01) ..... farms..	15 321	.6	2 377	31.3	13.4	3.6
Livestock (02) ..... farms..	14 943	.8	5 289	25.6	26.1	5.8
Farms by type of organization:						
Individual or family ..... farms..	25 126	.7	6 501	22.7	20.6	4.1
Partnership or corporation ..... farms..	4 946	.6	1 164	48.6	19.1	8.0
Other ..... farms..	192	2.2	—	(X)	—	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>PACIFIC—Con.</b>						
<b>Washington—Con.</b>						
Farms by tenure of operator:						
Full owners ----- farms..	19 300	.8	7 168	19.7	27.1	4.6
Part owners and tenants ----- farms..	10 964	.6	498	49.1	4.3	2.0
Part owners ----- farms..	7 778	.5	497	49.2	6.0	2.8
Tenants ----- farms..	3 186	.9	1	(H)	(L)	(L)
Farms by residence of operator:						
On farm operated ----- farms..	23 979	.7	6 533	21.9	21.4	4.2
Not on farm operated ----- farms..	4 705	.9	723	48.6	13.3	5.6
Not reported ----- farms..	1 580	.9	409	69.8	20.6	11.8
Farms by principal occupation of operator:						
Farming ----- farms..	16 491	.6	1 477	33.1	8.2	2.6
Other ----- farms..	13 773	.9	5 560	21.2	28.8	5.0
Farms by sex of operator:						
Male ----- farms..	27 097	.7	6 703	19.5	19.8	3.7
Female ----- farms..	3 167	1.0	962	52.6	23.3	9.4
Farms by race of operator:						
White ----- farms..	29 631	.7	6 690	19.6	18.4	3.6
Black and other races ----- farms..	633	1.4	348	72.9	35.5	16.7
Operators by years on present farm:						
Less than 5 years ----- farms..	3 984	1.2	2 919	34.6	42.3	8.9
5 years or more ----- farms..	22 668	.6	3 043	24.2	11.8	2.9
Not reported ----- farms..	3 612	.8	1 704	35.7	32.1	8.1
Average years on present farm ----- years..	17.7	.9	7.9	24.8	(X)	(X)
Average age of operator ----- years..	53.1	1.0	48.6	19.0	(X)	(X)
<b>Oregon</b>						
Farms ----- number..	31 892	1.0	7 465	15.5	19.0	2.5
Land in farms ----- acres..	17 609 497	.2	352 032	29.1	2.0	.6
Average size of farm ----- acres..	552.2	1.0	47.2	26.9	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms..	6 319	1.2	3 930	19.5	38.3	4.8
10 to 49 acres ----- farms..	11 235	1.1	2 186	24.4	16.3	3.5
Less than 50 acres ----- farms..	17 554	1.1	6 116	17.4	25.8	3.6
50 acres or more ----- farms..	14 338	.9	1 349	30.5	8.6	2.4
50 to 99 acres ----- farms..	3 904	1.2	277	64.3	6.6	3.9
100 to 179 acres ----- farms..	2 844	1.2	544	45.6	16.1	6.1
180 acres or more ----- farms..	7 590	.8	528	50.6	6.5	3.1
Harvested cropland ----- farms..	20 743	.9	3 365	19.1	14.0	2.4
----- acres..	2 823 972	.4	29 494	33.6	1.0	.3
Farms by value of sales:						
Less than \$1,000 ----- farms..	5 727	1.2	3 200	27.7	35.8	6.3
\$1,000 to \$2,499 ----- farms..	5 763	1.2	1 600	32.3	21.7	5.5
Less than \$2,500 ----- farms..	11 490	1.2	4 801	22.8	29.5	4.7
\$2,500 or more ----- farms..	20 402	.9	2 665	22.2	11.6	2.3
\$2,500 to \$9,999 ----- farms..	8 303	1.2	1 788	29.0	17.7	4.2
\$10,000 or more ----- farms..	12 099	.9	877	44.8	6.8	2.8
Market value of agricultural products sold ----- \$1,000..	2 292 973	.3	28 769	27.3	1.2	.3
Farms by standard industrial classification:						
Crops (01) ----- farms..	12 738	.9	1 826	29.1	12.5	3.2
Livestock (02) ----- farms..	19 154	1.0	5 639	17.2	22.7	3.2
Farms by type of organization:						
Individual or family ----- farms..	27 506	1.0	6 926	16.6	20.1	2.8
Partnership or corporation ----- farms..	4 153	.8	539	65.9	11.5	6.7
Other ----- farms..	233	1.7	-	(X)	-	(X)
Farms by tenure of operator:						
Full owners ----- farms..	22 152	1.0	5 706	16.6	20.5	2.9
Part owners and tenants ----- farms..	9 740	.8	1 759	38.0	15.3	5.0
Part owners ----- farms..	7 004	.8	788	45.6	10.1	4.2
Tenants ----- farms..	2 736	1.2	971	46.5	26.2	9.0
Farms by residence of operator:						
On farm operated ----- farms..	26 714	1.0	6 632	16.1	19.9	2.7
Not on farm operated ----- farms..	3 730	1.1	562	58.2	13.1	6.7
Not reported ----- farms..	1 448	1.1	271	47.8	15.8	6.4
Farms by principal occupation of operator:						
Farming ----- farms..	15 306	.9	2 114	28.4	12.1	3.1
Other ----- farms..	16 586	1.1	4 742	21.8	22.2	3.9
Farms by sex of operator:						
Male ----- farms..	27 967	.9	6 554	16.0	19.0	2.6
Female ----- farms..	3 925	1.1	911	42.8	18.8	6.6
Farms by race of operator:						
White ----- farms..	31 391	1.0	6 770	16.2	17.7	2.5
Black and other races ----- farms..	501	1.4	86	74.2	14.7	9.3
Operators by years on present farm:						
Less than 5 years ----- farms..	4 860	1.5	1 947	24.7	28.6	5.2
5 years or more ----- farms..	23 387	.9	4 388	21.0	15.8	2.9
Not reported ----- farms..	3 645	1.0	1 130	35.1	23.7	6.5
Average years on present farm ----- years..	16.7	1.3	15.7	26.3	(X)	(X)
Average age of operator ----- years..	53.4	1.4	56.2	17.3	(X)	(X)

See footnotes at end of table.

**Table 5. Estimates of the Not on the Mail List Component of Farm Coverage Error: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>PACIFIC—Con.</b>						
<b>California</b>						
Farms ----- number--	77 669	.9	13 380	18.1	14.7	2.5
Land in farms ----- acres--	28 978 997	.2	946 486	38.3	3.2	1.2
Average size of farm ----- acres--	373.1	.9	70.7	40.6	(X)	(X)
Farms by size:						
Less than 10 acres ----- farms--	21 485	1.1	9 235	24.2	30.1	5.4
10 to 49 acres ----- farms--	26 089	1.0	2 624	20.0	9.1	1.7
Less than 50 acres ----- farms--	47 574	1.0	11 859	19.9	20.0	3.5
50 acres or more ----- farms--	30 095	.7	1 521	27.6	4.8	1.3
50 to 99 acres ----- farms--	7 934	1.0	476	39.8	5.7	2.1
100 to 179 acres ----- farms--	5 949	.9	187	53.3	3.1	1.6
180 acres or more ----- farms--	16 212	.6	857	36.4	5.0	1.7
Harvested cropland ----- farms--						
	56 785	.9	6 064	20.6	9.6	2.0
----- acres--	7 760 773	.3	79 025	20.8	1.0	.2
Farms by value of sales:						
Less than \$1,000 ----- farms--	15 058	1.1	6 303	24.2	29.5	5.0
\$1,000 to \$2,499 ----- farms--	7 634	1.2	3 953	43.2	34.1	9.7
Less than \$2,500 ----- farms--	22 692	1.1	10 256	23.4	31.1	5.0
\$2,500 or more ----- farms--	54 977	.9	3 124	21.6	5.4	1.1
\$2,500 to \$9,999 ----- farms--	14 577	1.1	2 298	25.8	13.6	3.0
\$10,000 or more ----- farms--	40 400	.9	826	35.2	2.0	.7
Market value of agricultural products sold ----- \$1,000--	17 051 912	.1	71 295	30.4	.4	.1
Farms by standard industrial classification:						
Crops (01) ----- farms--	51 021	.9	5 427	22.4	9.6	2.1
Livestock (02) ----- farms--	26 648	.9	7 953	26.5	23.0	4.8
Farms by type of organization:						
Individual or family ----- farms--	60 187	.9	11 983	19.4	16.6	2.9
Partnership or corporation ----- farms--	16 417	.7	838	49.1	4.9	2.3
Other ----- farms--	1 065	1.3	468	59.5	30.5	12.8
Farms by tenure of operator:						
Full owners ----- farms--	56 559	.9	11 581	19.2	17.0	2.9
Part owners and tenants ----- farms--	21 110	.8	1 408	53.5	6.3	3.1
Part owners ----- farms--	11 471	.7	89	72.1	.8	.6
Tenants ----- farms--	9 639	1.0	1 319	56.9	12.0	6.0
Farms by residence of operator:						
On farm operated ----- farms--	51 485	.9	8 210	23.8	13.8	3.1
Not on farm operated ----- farms--	22 096	1.0	2 545	35.5	10.3	3.3
Not reported ----- farms--	4 088	.9	2 625	33.0	39.1	8.0
Farms by principal occupation of operator:						
Farming ----- farms--	40 215	.8	2 473	59.0	5.8	3.2
Other ----- farms--	37 454	1.0	8 345	18.8	18.2	3.1
Farms by sex of operator:						
Male ----- farms--	68 016	.8	9 211	16.0	11.9	2.0
Female ----- farms--	9 653	1.0	4 169	44.0	30.2	9.3
Farms by race of operator:						
White ----- farms--	71 872	.9	9 339	22.8	11.5	2.4
Black and other races ----- farms--	5 797	1.1	1 479	45.9	20.3	7.7
Operators by years on present farm:						
Less than 5 years ----- farms--	11 765	1.3	4 605	24.9	28.1	5.3
5 years or more ----- farms--	56 058	.8	4 073	28.8	6.8	1.9
Not reported ----- farms--	9 846	.9	4 701	36.2	32.3	8.0
Average years on present farm ----- years--	16.2	1.2	6.0	27.7	(X)	(X)
Average age of operator ----- years--	55.2	1.2	45.9	20.8	(X)	(X)

Note: Some estimates, relative standard errors, and standard errors were revised from those published in Volume 1.

<sup>1</sup>Estimates are based on a sample survey conducted independently of census data collection.

<sup>2</sup>Base used for computing percent is total of census published and not on mail list farms.

**Table 6. Selected Agricultural Items for Estimated Farms Not on the Mail List: 1992**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>		
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent	
<b>NEW ENGLAND</b>							
Farms .....	22 991	.4	5 422	12.5	19.1	2.0	
Land in farms .....	3 857 438	.3	314 720	21.7	7.5	1.4	
Average size of farm .....	167.8	.5	58.0	16.8	(X)	(X)	
Market value of agricultural products sold .....	\$1,000..	1 686 781	.1	27 166	30.0	1.6	.5
Corn for grain or seed .....	farms..	431	1.1	(S)	(S)	(S)	(S)
.....	acres..	22 348	.7	125	75.9	.6	.4
Wheat for grain .....	farms..	36	3.7	-	(X)	-	(X)
.....	acres..	792	1.1	-	(X)	-	(X)
Other small grains for grain:							
Oats, barley, or rye .....	farms..	536	.9	(S)	(H)	(S)	(S)
.....	acres..	39 998	.3	(S)	(H)	(S)	(S)
Soybeans for beans .....	farms..	11	6.2	-	(X)	-	(X)
.....	acres..	521	3.7	-	(X)	-	(X)
Alfalfa hay .....	farms..	4 636	.5	791	33.4	14.6	4.0
.....	acres..	196 444	.5	8 431	39.7	4.1	1.4
Other hay—tame, small grain, wild, silage, green chop, etc. ....	farms..	10 576	.4	2 086	20.8	16.5	3.0
.....	acres..	696 333	.3	41 195	24.2	5.6	1.2
Tobacco .....	farms..	70	2.8	-	(X)	-	(X)
.....	acres..	1 855	7.3	-	(X)	-	(X)
Vegetables harvested for sale .....	farms..	2 939	6	671	33.8	18.6	5.2
.....	acres..	44 547	4.6	419	43.6	.9	.4
Fruits and nuts .....	farms..	1 825	.8	142	70.0	7.2	4.8
.....	acres..	28 226	6.3	300	75.2	1.1	.8
Cattle and calves inventory .....	farms..	9 742	.4	2 924	17.8	23.1	3.3
.....	number..	615 880	.2	26 283	20.3	4.1	.8
Hogs and pigs inventory .....	farms..	1 758	.8	1 132	27.2	39.2	6.9
.....	number..	40 479	1.4	5 480	35.0	11.9	4.0
Sheep and lambs inventory .....	farms..	2 147	.8	612	38.5	22.2	6.8
.....	number..	57 935	1.3	3 770	41.3	6.1	2.3
Goats inventory .....	farms..	875	1.2	332	49.3	27.5	9.9
.....	number..	8 614	2.2	522	49.1	5.7	2.6
Horses and ponies inventory .....	farms..	5 051	.6	1 009	27.0	16.7	3.8
.....	number..	33 641	.8	7 870	36.7	19.0	5.6
Hens and pullets of laying age inventory .....	farms..	2 366	.8	1 432	26.5	37.7	6.4
.....	number..	9 129 745	(L)	21 110	30.5	.2	.1
Pullets 3 months old or older not of laying age inventory .....	farms..	393	1.6	130	76.2	24.9	13.3
.....	number..	1 728 034	.8	1 727	74.8	.1	.1
Broilers and other meat-type chickens inventory .....	farms..	369	1.7	(S)	(S)	(S)	(S)
.....	number..	236 370	2.7	(S)	(S)	(S)	(S)
<b>MIDDLE ATLANTIC</b>							
Farms .....	86 255	.7	15 192	16.3	15.0	1.9	
Land in farms .....	15 495 151	.5	768 997	13.8	4.7	.6	
Average size of farm .....	179.6	.8	50.6	14.7	(X)	(X)	
Market value of agricultural products sold .....	\$1,000..	6 725 180	.2	93 347	22.6	1.4	.3
Corn for grain or seed .....	farms..	28 492	.8	1 519	25.9	5.1	1.2
.....	acres..	1 614 907	.4	18 052	30.8	1.1	.3
Wheat for grain .....	farms..	10 508	.8	236	51.8	2.2	1.1
.....	acres..	329 344	.4	2 315	45.1	.7	.3
Other small grains for grain:							
Oats, barley, or rye .....	farms..	19 017	.8	716	52.6	3.6	1.8
.....	acres..	424 462	.6	2 856	54.1	.7	.3
Soybeans for beans .....	farms..	7 042	.7	149	61.4	2.1	1.3
.....	acres..	447 508	.4	3 145	49.0	.7	.3
Alfalfa hay .....	farms..	36 572	.7	2 353	20.7	6.0	1.1
.....	acres..	1 646 220	.6	49 311	23.8	2.9	.7
Other hay—tame, small grain, wild, silage, green chop, etc. ....	farms..	39 383	.7	5 687	16.2	12.6	1.7
.....	acres..	2 273 942	.5	131 682	17.8	5.5	.9
Tobacco .....	farms..	1 349	1.6	(S)	(H)	(S)	(S)
.....	acres..	8 449	14.9	(S)	(H)	(S)	(S)
Vegetables harvested for sale .....	farms..	7 991	.7	766	31.5	8.7	2.5
.....	acres..	249 316	2.5	343	58.5	.1	.1
Fruits and nuts .....	farms..	5 956	.7	420	48.2	6.6	2.9
.....	acres..	187 432	3.6	1 045	70.8	.6	.4
Cattle and calves inventory .....	farms..	48 052	.7	6 397	17.4	11.7	1.7
.....	number..	3 239 564	.4	77 997	20.6	2.4	.5
Hogs and pigs inventory .....	farms..	7 831	.9	2 649	31.2	25.3	5.7
.....	number..	1 194 501	.3	12 146	31.6	1.0	.3
Sheep and lambs inventory .....	farms..	5 318	.8	1 958	37.5	26.9	7.0
.....	number..	197 624	1.1	96 873	63.3	32.9	14.6
Goats inventory .....	farms..	2 842	1.0	1 853	38.3	39.5	8.8
.....	number..	24 419	1.5	19 306	73.7	44.2	17.4
Horses and ponies inventory .....	farms..	18 195	.8	4 495	20.8	19.8	3.0
.....	number..	125 169	.8	27 342	25.6	17.9	3.9
Hens and pullets of laying age inventory .....	farms..	6 665	.8	4 128	32.7	38.2	7.3
.....	number..	30 553 426	(L)	85 031	28.3	.3	.1
Pullets 3 months old or older not of laying age inventory .....	farms..	992	1.2	1 871	62.6	65.4	13.5
.....	number..	5 468 353	.2	36 489	47.0	.7	.3
Broilers and other meat-type chickens inventory .....	farms..	1 531	1.0	867	47.8	36.2	10.8
.....	number..	18 250 315	.1	18 821	49.9	.1	(L)

See footnotes at end of table.



**Table 6. Selected Agricultural Items for Estimated Farms Not on the Mail List: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>EAST NORTH CENTRAL</b>						
Farms .....	325 620	.5	35 091	9.7	9.7	.7
Land in farms .....	82 668 861	.4	1 802 291	10.5	2.1	.2
Average size of farm .....	253.9	.6	51.4	9.1	(X)	(X)
Market value of agricultural products sold .....	\$1,000...					
Corn for grain or seed .....	24 172 210	.3	244 422	18.4	1.0	.2
Wheat for grain .....	185 667	.5	5 809	16.6	3.0	.5
.....	25 137 804	.4	163 872	17.7	.6	.1
.....	69 189	.6	868	53.6	1.2	.7
.....	3 358 878	.5	16 554	61.5	.5	.3
Other small grains for grain:						
Oats, barley, or rye .....	48 217	.6	1 669	39.8	3.3	1.3
.....	1 012 864	.6	23 489	40.4	2.3	.9
Soybeans for beans .....	139 674	.6	2 892	23.4	2.0	.5
.....	19 346 432	.5	101 809	24.4	.5	.1
Alfalfa hay .....	122 858	.5	12 135	15.0	9.0	1.2
.....	4 704 743	.5	178 788	15.6	3.7	.6
Other hay—tame, small grain, wild, silage, green chop, etc. ....	73 856	.5	5 315	19.9	6.7	1.2
.....	3 280 508	.6	84 756	21.0	2.5	.5
Tobacco .....	8 164	.8	53	72.7	.6	.5
.....	27 555	9.3	28	72.1	.1	.1
Vegetables harvested for sale .....	12 641	.4	1 603	31.2	11.3	3.1
.....	674 738	3.4	1 019	50.6	.2	.1
Fruits and nuts .....	7 964	.5	1 327	42.4	14.3	5.0
.....	210 661	4.0	3 125	44.6	1.5	.6
Cattle and calves inventory .....	146 336	.5	14 230	13.4	8.9	1.0
.....	9 057 825	.5	191 136	17.3	2.1	.4
Hogs and pigs inventory .....	46 346	.5	4 003	24.1	8.0	1.8
.....	14 623 147	.3	144 122	46.6	1.0	.5
Sheep and lambs inventory .....	14 361	.5	2 146	35.6	13.0	4.0
.....	551 521	.7	21 147	42.6	3.7	1.6
Goats inventory .....	6 681	.6	1 941	34.4	22.5	5.8
.....	65 568	1.4	9 945	43.7	13.2	4.7
Horses and ponies inventory .....	42 605	.5	13 202	15.5	23.7	2.6
.....	263 745	.7	70 059	21.7	21.0	3.8
Hens and pullets of laying age inventory .....	13 588	.5	4 392	23.1	24.4	4.4
.....	50 613 011	.1	305 786	69.4	.6	.4
Pullets 3 months old or older not of laying age inventory .....	1 936	.9	454	63.2	19.0	10.0
.....	8 163 856	.3	(S)	(S)	(S)	(S)
Broilers and other meat-type chickens inventory .....	3 213	.8	1 399	39.5	30.3	8.4
.....	9 538 870	.8	74 471	66.0	.8	.5
<b>WEST NORTH CENTRAL</b>						
Farms .....	451 085	.5	25 345	10.6	5.3	.5
Land in farms .....	260 891 969	.3	2 740 643	15.2	1.0	.2
Average size of farm .....	578.4	.6	108.1	16.7	(X)	(X)
Market value of agricultural products sold .....	\$1,000...					
Corn for grain or seed .....	43 394 900	.2	340 529	19.1	.8	.2
Wheat for grain .....	196 162	.6	3 585	22.1	1.8	.4
.....	33 758 963	.4	295 466	27.2	.9	.2
.....	114 919	.6	1 122	32.6	1.0	.3
.....	29 669 641	.4	85 385	32.2	.3	.1
Other small grains for grain:						
Oats, barley, or rye .....	80 884	.6	997	46.4	1.2	.6
.....	5 873 028	.5	21 489	40.6	.4	.1
Soybeans for beans .....	169 907	.6	2 765	23.8	1.6	.4
.....	24 160 118	.4	135 568	26.9	.6	.2
Alfalfa hay .....	157 873	.5	4 154	23.6	2.6	.6
.....	8 584 743	.5	108 796	32.4	1.3	.4
Other hay—tame, small grain, wild, silage, green chop, etc. ....	143 216	.6	5 241	21.6	3.5	.7
.....	9 975 583	.5	117 146	21.2	1.2	.2
Tobacco .....	466	1.8	—	(X)	—	(X)
.....	1 883	21.7	—	(X)	—	(X)
Vegetables harvested for sale .....	6 256	.6	(S)	(S)	(S)	(S)
.....	276 500	4.9	(S)	(S)	(S)	(S)
Fruits and nuts .....	2 542	.8	—	(X)	—	(X)
.....	28 301	14.9	—	(X)	—	(X)
Cattle and calves inventory .....	252 593	.5	11 603	14.9	4.4	.6
.....	28 193 447	.3	296 015	18.9	1.0	.2
Hogs and pigs inventory .....	81 961	.5	3 631	21.2	4.2	.9
.....	29 825 971	.3	344 448	40.3	1.1	.4
Sheep and lambs inventory .....	22 030	.6	2 315	35.4	9.5	2.9
.....	1 975 948	.5	42 936	39.6	2.1	.8
Goats inventory .....	5 081	.7	486	66.2	8.7	5.0
.....	103 352	1.4	924	68.9	.9	.6
Horses and ponies inventory .....	57 606	.5	6 530	22.6	10.2	1.9
.....	296 488	.5	39 984	29.4	11.9	2.9
Hens and pullets of laying age inventory .....	15 555	.6	2 958	24.1	16.0	3.2
.....	41 150 964	.1	92 796	37.5	.2	.1
Pullets 3 months old or older not of laying age inventory .....	2 093	.9	(S)	(H)	(S)	(S)
.....	5 487 105	.5	(S)	(H)	(S)	(S)
Broilers and other meat-type chickens inventory .....	3 835	.7	754	47.9	16.4	6.4
.....	21 380 539	.2	76 183	66.8	.4	.2

See footnotes at end of table.

**Table 6. Selected Agricultural Items for Estimated Farms Not on the Mail List: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>SOUTH ATLANTIC</b>						
Farms .....	222 971	.4	44 619	7.2	16.7	.9
Land in farms .....	48 577 106	.3	1 953 095	9.6	3.9	.3
Average size of farm .....	217.9	.5	43.8	8.2	(X)	(X)
Market value of agricultural products sold .....	\$1,000.. 18 836 804	.1	161 051	21.2	.8	.2
Corn for grain or seed .....	40 188 farms..	.5	3 009	21.9	7.0	1.4
Wheat for grain .....	3 080 271 acres..	.3	34 399	23.0	1.1	.3
Wheat for grain .....	18 983 farms..	.5	389	33.1	2.0	.7
Wheat for grain .....	1 537 811 acres..	.3	15 090	32.0	1.0	.3
Other small grains for grain:						
Oats, barley, or rye .....	10 669 farms..	.4	470	43.6	4.2	1.8
Oats, barley, or rye .....	417 080 acres..	.3	5 205	39.7	1.2	.5
Soybeans for beans .....	30 524 farms..	.6	1 436	33.8	4.5	1.4
Alfalfa hay .....	3 635 823 acres..	.3	34 197	32.0	.9	.3
Alfalfa hay .....	20 718 farms..	.5	2 447	25.7	10.6	2.4
Other hay—tame, small grain, wild, silage, green chop, etc. ....	518 601 acres..	.5	30 866	38.6	5.6	1.9
Tobacco .....	76 719 farms..	.4	9 729	12.9	11.3	1.2
Tobacco .....	2 759 691 acres..	.8	150 839	13.3	5.2	.7
Tobacco .....	31 879 farms..	.8	1 978	29.6	5.8	1.6
Vegetables harvested for sale .....	447 386 acres..	5.0	560	41.7	.1	.1
Vegetables harvested for sale .....	11 552 farms..	.5	2 462	24.8	17.6	3.5
Fruits and nuts .....	605 522 acres..	1.7	1 305	28.6	.2	.1
Fruits and nuts .....	19 570 farms..	.8	4 322	23.0	18.1	3.3
Fruits and nuts .....	1 185 533 acres..	3.0	23 926	38.6	2.0	.9
Cattle and calves inventory .....	117 063 farms..	.4	22 350	9.6	16.0	1.2
Hogs and pigs inventory .....	6 791 633 number..	.3	303 123	11.7	4.3	.5
Hogs and pigs inventory .....	16 359 farms..	.6	6 014	17.5	26.9	3.5
Sheep and lambs inventory .....	7 188 191 number..	.1	74 490	23.7	1.0	.3
Goats inventory .....	5 020 farms..	.6	1 233	29.2	19.7	4.8
Goats inventory .....	240 344 number..	.6	21 928	44.2	8.4	3.3
Horses and ponies inventory .....	6 982 farms..	.7	2 609	23.5	27.2	4.6
Horses and ponies inventory .....	92 574 number..	1.0	21 845	25.9	19.1	4.2
Hens and pullets of laying age inventory .....	34 844 farms..	.5	8 387	14.0	19.4	2.2
Hens and pullets of laying age inventory .....	216 564 number..	.5	42 360	17.9	16.4	2.5
Pullets 3 months old or older not of laying age inventory .....	10 087 farms..	.5	4 020	19.1	28.5	3.9
Pullets 3 months old or older not of laying age inventory .....	59 632 969 number..	.1	56 948	22.4	.1	(L)
Broilers and other meat-type chickens inventory .....	1 897 farms..	.9	338	42.4	15.1	5.5
Broilers and other meat-type chickens inventory .....	11 896 967 number..	.7	9 527	50.9	.1	(L)
Broilers and other meat-type chickens inventory .....	7 352 farms..	.2	584	51.5	7.4	3.7
Broilers and other meat-type chickens inventory .....	373 084 192 number..	.1	43 446	73.8	(L)	(L)
<b>EAST SOUTH CENTRAL</b>						
Farms .....	235 260	.6	30 674	7.9	11.5	.8
Land in farms .....	43 474 069	.4	2 080 706	11.2	4.6	.5
Average size of farm .....	184.8	.7	67.8	8.7	(X)	(X)
Market value of agricultural products sold .....	\$1,000.. 9 303 124	.2	149 362	14.1	1.6	.2
Corn for grain or seed .....	34 770 farms..	.5	2 017	24.8	5.5	1.3
Wheat for grain .....	2 321 654 acres..	.2	33 383	41.3	1.4	.6
Wheat for grain .....	8 826 farms..	.5	345	58.0	3.8	2.1
Wheat for grain .....	869 422 acres..	.2	16 409	71.4	1.9	1.3
Other small grains for grain:						
Oats, barley, or rye .....	1 574 farms..	.8	—	(X)	—	(X)
Oats, barley, or rye .....	55 674 acres..	.5	—	(X)	—	(X)
Soybeans for beans .....	19 126 farms..	.5	965	33.0	4.8	1.5
Alfalfa hay .....	3 903 956 acres..	.2	68 276	40.6	1.7	.7
Alfalfa hay .....	18 692 farms..	.7	431	58.0	2.3	1.3
Other hay—tame, small grain, wild, silage, green chop, etc. ....	434 992 acres..	.6	3 841	60.9	.9	.6
Tobacco .....	112 202 farms..	.6	5 890	14.9	5.0	.7
Tobacco .....	4 130 892 acres..	.5	161 367	27.6	3.8	1.0
Vegetables harvested for sale .....	82 340 farms..	.8	5 068	19.4	5.8	1.1
Vegetables harvested for sale .....	344 096 acres..	6.7	1 215	25.7	.4	.1
Fruits and nuts .....	4 977 farms..	.7	478	42.9	8.8	3.5
Fruits and nuts .....	80 185 acres..	5.2	227	61.3	.3	.2
Fruits and nuts .....	5 669 farms..	.7	483	52.4	7.8	3.9
Fruits and nuts .....	63 321 acres..	8.8	2 946	68.6	4.4	2.8
Cattle and calves inventory .....	150 594 farms..	.6	19 427	10.3	11.4	1.0
Hogs and pigs inventory .....	7 271 808 number..	.5	324 026	12.4	4.3	.5
Hogs and pigs inventory .....	12 941 farms..	.7	2 882	23.3	18.2	3.4
Sheep and lambs inventory .....	1 855 610 number..	.3	49 683	33.9	2.6	.8
Goats inventory .....	2 338 farms..	.9	—	(X)	—	(X)
Goats inventory .....	73 571 number..	1.1	—	(X)	—	(X)
Horses and ponies inventory .....	5 910 farms..	.8	1 954	34.3	24.9	6.3
Horses and ponies inventory .....	68 789 number..	1.1	24 876	47.0	26.6	8.5
Hens and pullets of laying age inventory .....	35 523 farms..	.6	4 075	19.9	10.3	1.8
Hens and pullets of laying age inventory .....	193 919 number..	.6	20 709	27.2	9.6	2.3
Pullets 3 months old or older not of laying age inventory .....	9 246 farms..	.7	2 414	26.2	20.7	4.3
Pullets 3 months old or older not of laying age inventory .....	20 980 479 number..	.3	56 783	34.1	.3	.1
Broilers and other meat-type chickens inventory .....	1 999 farms..	1.0	284	71.1	12.4	7.7
Broilers and other meat-type chickens inventory .....	4 897 175 number..	1.3	(S)	(S)	(S)	(S)
Broilers and other meat-type chickens inventory .....	4 416 farms..	.4	(S)	(S)	(S)	(S)
Broilers and other meat-type chickens inventory .....	197 245 967 number..	.2	(S)	(S)	(S)	(S)

See footnotes at end of table.

**Table 6. Selected Agricultural Items for Estimated Farms Not on the Mail List: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>WEST SOUTH CENTRAL</b>						
Farms .....	317 170	.7	54 296	7.8	14.6	.9
Land in farms .....	184 994 894	.4	5 464 224	13.2	2.9	.4
Average size of farm .....	583.3	.8	100.6	14.7	(X)	(X)
Market value of agricultural products sold .....	\$1,000.. 21 334 048	.2	497 178	52.3	2.3	1.2
Corn for grain or seed .....	10 258	.7	175	55.0	1.7	.9
Wheat for grain .....	2 037 495	.4	5 066	54.2	1.2	.1
..... farms..	36 409	.8	789	44.0	2.1	.9
..... acres..	9 858 162	.4	36 950	37.2	.4	.1
Other small grains for grain:						
Oats, barley, or rye .....	4 657	.8	(S)	(S)	(S)	(S)
..... farms..	261 066	.6	695	77.1	.3	.2
..... acres..						
Soybeans for beans .....	14 688	.4	514	34.3	3.4	1.1
..... farms..	4 854 122	.1	57 530	36.8	1.2	.4
Alfalfa hay .....	11 039	.9	435	65.1	3.8	2.3
..... farms..	534 469	.7	(S)	(S)	(S)	(S)
..... acres..	130 888	.7	10 079	13.7	7.2	.9
Other hay—tame, small grain, wild, silage, green chop, etc. ....	6 680 829	.6	242 069	16.3	3.5	.6
..... farms..	(S)	(S)	(S)	(H)	(S)	(S)
Tobacco .....	(S)	(S)	(S)	(H)	(S)	(S)
..... farms..	5 145	.8	1 225	40.3	19.2	6.0
Vegetables harvested for sale .....	234 607	4.7	500	47.8	1.2	.1
..... farms..	13 888	.8	2 342	40.2	14.4	4.8
Fruits and nuts .....	294 417	7.2	15 448	56.2	5.0	2.6
..... acres..						
Cattle and calves inventory .....	231 108	.7	36 697	8.9	13.7	1.0
..... farms..	20 456 352	.4	2 011 292	64.4	9.0	5.4
Hogs and pigs inventory .....	12 679	.7	4 954	21.1	28.1	4.2
..... farms..	1 483 873	.3	61 413	31.8	4.0	1.2
..... number..	9 981	.8	2 285	32.5	18.6	4.9
Sheep and lambs inventory .....	2 348 756	.3	35 772	43.2	1.5	.6
..... farms..	11 241	.8	4 046	23.8	26.5	4.7
Goats inventory .....	1 908 312	.5	71 983	37.2	3.6	1.3
..... farms..	65 191	.7	14 473	14.4	18.2	2.1
Horses and ponies inventory .....	336 607	.7	52 671	17.8	13.5	2.0
..... number..						
Hens and pullets of laying age inventory .....	13 898	.8	6 293	20.9	31.2	4.6
..... farms..	40 663 687	.2	137 177	27.0	.3	.1
..... number..	2 783	1.0	1 841	36.7	39.8	8.6
Pullets 3 months old or older not of laying age inventory .....	8 343 399	.9	14 037	48.7	2.2	.1
..... farms..	5 767	.4	992	37.6	14.7	4.8
Broilers and other meat-type chickens inventory .....	227 049 427	.1	(S)	(S)	(S)	(S)
..... number..						
<b>MOUNTAIN</b>						
Farms .....	118 275	.3	15 449	10.6	11.6	1.0
Land in farms .....	240 745 637	.1	1 643 037	21.9	.7	.2
Average size of farm .....	2 035.5	.3	106.3	24.8	(X)	(X)
Market value of agricultural products sold .....	\$1,000.. 13 421 775	.1	154 422	46.5	1.1	.6
Corn for grain or seed .....	6 512	.5	114	45.4	1.7	.8
..... farms..	1 109 407	.4	1 895	44.1	.2	.1
Wheat for grain .....	23 301	.4	183	45.6	.8	.4
..... farms..	9 475 581	.2	15 038	50.7	.2	.1
..... acres..						
Other small grains for grain:						
Oats, barley, or rye .....	18 244	.4	664	46.3	3.5	1.6
..... farms..	2 395 718	.2	(S)	(S)	(S)	(S)
..... acres..						
Soybeans for beans .....	25	4.3	—	(X)	—	(X)
..... farms..	2 675	8.1	—	(X)	—	(X)
Alfalfa hay .....	46 358	.3	4 702	14.6	9.2	1.2
..... farms..	4 394 826	.2	124 808	25.8	2.8	.7
..... acres..	23 812	.3	1 730	21.0	6.8	1.3
Other hay—tame, small grain, wild, silage, green chop, etc. ....	2 619 339	.2	70 776	29.4	2.6	.8
..... farms..	—	(X)	—	(X)	—	(X)
Tobacco .....	—	(X)	—	(X)	—	(X)
..... farms..	2 985	.6	304	40.6	9.2	3.3
Vegetables harvested for sale .....	275 134	1.6	272	66.5	.1	.1
..... farms..	5 536	.7	549	33.8	9.0	2.6
Fruits and nuts .....	136 058	4.3	1 075	39.7	.8	.3
..... acres..						
Cattle and calves inventory .....	68 186	.3	6 918	15.2	9.2	1.2
..... farms..	12 872 251	.1	111 810	17.1	.9	.2
Hogs and pigs inventory .....	5 877	.6	1 827	30.4	23.7	4.3
..... farms..	948 064	.3	10 205	26.3	1.1	.3
..... number..	10 860	.4	1 540	25.5	12.4	2.9
Sheep and lambs inventory .....	3 983 145	.1	24 515	30.4	.6	.2
..... farms..	3 257	.7	1 056	42.8	24.5	6.5
Goats inventory .....	183 812	.8	6 847	53.5	3.6	2.4
..... farms..	46 576	.4	6 386	14.5	12.1	1.5
Horses and ponies inventory .....	349 963	.3	29 504	20.9	7.8	1.5
..... number..						
Hens and pullets of laying age inventory .....	6 751	.6	2 144	30.5	24.1	4.5
..... farms..	8 872 761	.1	43 956	34.1	.5	.1
..... number..	1 108	1.1	570	38.3	34.0	9.0
Pullets 3 months old or older not of laying age inventory .....	1 083 667	1.1	11 345	45.6	1.0	.5
..... farms..	1 155	1.0	460	58.0	28.5	10.7
Broilers and other meat-type chickens inventory .....	103 790	1.9	11 896	59.9	10.3	5.3
..... number..						

See footnotes at end of table.

**Table 6. Selected Agricultural Items for Estimated Farms Not on the Mail List: 1992—Con.**

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

Geographic area and item	Census published farms		Not on mail list <sup>1</sup>		Percent not on mail list <sup>2</sup>	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (percent)	Standard error of percent
<b>PACIFIC</b>						
Farms .....	139 825	.5	28 510	10.8	16.9	1.3
Land in farms .....	62 314 501	.1	1 681 116	23.3	2.6	.6
Average size of farm .....	445.7	.6	59.0	26.4	(X)	(X)
Market value of agricultural products sold .....	\$1,000... 23 166 107	.1	177 785	26.3	.8	.2
Corn for grain or seed .....	1 455 farms... .6	.4	122	71.1	7.7	5.1
Wheat for grain .....	257 020 acres... .4	.3	(S)	(S)	(S)	(S)
Wheat for grain .....	10 293 farms... .3	.1	352	49.5	3.3	1.6
Wheat for grain .....	3 989 839 acres... .1	.1	46 284	56.7	1.1	.6
Other small grains for grain:						
Oats, barley, or rye .....	5 798 farms... .4	.4	199	51.5	3.3	1.7
Oats, barley, or rye .....	859 073 acres... .2	.2	5 154	57.4	.6	.3
Soybeans for beans .....	3 farms... 16.0	16.0	—	(X)	—	(X)
Soybeans for beans .....	149 acres... 23.8	23.8	—	(X)	—	(X)
Alfalfa hay .....	15 854 farms... .5	.5	1 775	34.8	10.1	3.0
Alfalfa hay .....	1 777 578 acres... .4	.4	23 030	40.2	1.3	.5
Other hay—tame, small grain, wild, silage, green chop, etc. ....	20 274 farms... .5	.5	2 074	24.0	9.3	2.0
Other hay—tame, small grain, wild, silage, green chop, etc. ....	1 366 773 acres... .3	.3	30 046	33.7	2.2	.7
Tobacco .....	— farms... (X)	(X)	—	(X)	—	(X)
Tobacco .....	— acres... (X)	(X)	—	(X)	—	(X)
Vegetables harvested for sale .....	6 827 farms... .5	.5	1 262	38.7	15.6	5.1
Vegetables harvested for sale .....	1 336 417 acres... .6	.6	662	42.0	(Z)	(L)
Fruits and nuts .....	50 718 farms... .7	.7	5 709	19.4	10.1	1.6
Fruits and nuts .....	2 598 228 acres... 3.7	3.7	38 109	25.9	1.4	.4
Cattle and calves inventory .....	49 669 farms... .5	.5	14 969	15.6	23.2	2.5
Cattle and calves inventory .....	7 437 833 number... .1	.1	165 767	17.6	2.2	.4
Hogs and pigs inventory .....	5 297 farms... .7	.7	2 563	41.5	32.6	8.0
Hogs and pigs inventory .....	372 577 number... .4	.4	25 835	49.8	6.5	3.1
Sheep and lambs inventory .....	8 695 farms... .7	.7	2 021	35.6	18.9	4.8
Sheep and lambs inventory .....	1 316 376 number... .3	.3	52 872	44.2	3.9	1.6
Goats inventory .....	4 164 farms... .8	.8	2 167	40.1	34.2	8.4
Goats inventory .....	55 054 number... 2.2	2.2	14 895	52.3	21.3	8.1
Horses and ponies inventory .....	32 062 farms... .6	.6	8 437	24.8	20.8	3.8
Horses and ponies inventory .....	227 906 number... .7	.7	47 222	27.7	17.2	3.6
Hens and pullets of laying age inventory .....	7 865 farms... .7	.7	5 138	25.1	39.5	5.5
Hens and pullets of laying age inventory .....	38 952 429 number... (L)	(L)	556 697	72.3	1.4	1.0
Pullets 3 months old or older not of laying age inventory .....	1 565 farms... 1.0	1.0	607	51.6	28.0	10.3
Pullets 3 months old or older not of laying age inventory .....	2 755 038 number... .9	.9	(S)	(S)	(S)	(S)
Broilers and other meat-type chickens inventory .....	1 324 farms... 1.0	1.0	572	49.4	30.2	10.9
Broilers and other meat-type chickens inventory .....	41 627 636 number... .1	.1	2 068	53.3	(Z)	(L)

Note: Some estimates, relative standard errors, and standard errors were revised from those published in Volume 1.

<sup>1</sup>Estimates are based on a sample survey conducted independently of census data collection.

<sup>2</sup>Base used for computing percent is total of census published and not on mail list farms.

# Appendix A.

## 1992 June Agricultural Survey Items Used in the Coverage Evaluation Program

[The National Agricultural Statistics Service (NASS), U.S. Department of Agriculture provided to the Census Bureau the following acreage and livestock data items collected from the 1992 June Agricultural Survey]

Item	Item codes on JAS
FIPS State	ID
JAS District	ID
JAS ID	ID
County FIPS code	ID
Operation name LSFID	786
Operation name EIN	466
Combination of individual names LSFID	788
Combination of individual names EIN	468
Name of farm, ranch, or operation	ID
Combination of individual names	ID
Name of operator	ID
Address	ID
Phone number	ID
Operator LSFID	790
Operator SSN	470
Type of operation	921
Partner #1-5: name, address, place, State, ZIP Code, phone number	ID
LSFID of each partner	792,794,796,798
SSN of each partner	472,474,476,478
Tract agricultural potential indicator	818
Sample weight (compute to 2 decimals) (segment expansion factor x farm weight)	Computed
Segment expansion factor	ID
Farm weight (compute to 2 decimals) (ratio of tract acres to total acres operated)	840/900
Residence of operator with respect to segment	168
Tract acres (tenths)	840
Total acres operated (tenths)	900
Acres owned (tenths)	901
Acres rented from others (tenths)	902
Grazing land acres (AUM) (tenths)	903
Acres rented to others (tenths)	905
Conservation Reserve Program (CRP) acres (tenths)	911
Total acres managed (tenths)	904
Grazing acres managed (tenths)	906
CRP acres managed (tenths)	912
Acres operated section completion code	909
Vegetables and melons acres	689
Strawberry acres	692
Fruit trees, grapes, berries (except strawberries) acres	687
Nut tree acres	688
Cropland acres (tenths)	802
Wheat, oats, barley, or rye intentions	161
Corn for grain, seed, silage, or green chop acres	500
Sorghum for grain, seed, silage, or green chop acres	501

[The National Agricultural Statistics Service (NASS), U.S. Department of Agriculture provided to the Census Bureau the following acreage and livestock data items collected from the 1992 June Agricultural Survey]

Item	Item codes on JAS
Wheat for grain acres	502
Other small grains (oats, barley, rye) acres	503
Rice acres	529
Soybeans for beans acres	504
Cotton acres	505
Alfalfa and alfalfa mixtures for hay acres	506
Other hay acres	507
Tobacco acres (tenths)	508
Irish potatoes acres (tenths)	509
Nursery and greenhouse products acres (tenths)	520
Nursery and greenhouse products square feet	521
All other crops acres	527
Completion code for crops	138
Hogs and pigs intentions	492
Hogs and pigs for breeding inventory	301+302+303
Total hogs and pigs inventory	300
Total cattle and calves inventory	670
Cattle and calves intentions	493
Total sheep and lambs	672
Sheep and lambs intentions	494
Total goats and kids	673
Goats and kids intentions	619
Total horses, ponies, mules, donkeys, and burros	169
Horses, ponies, mules, donkeys, and burros intentions	167
Aquaculture presence	522
Other livestock presence	523
Hens and pullets of laying age inventory	719
Hens and pullets intentions	469
Edited sales (total points)	861
Coded gross value of sales	860
Coded type of farm	862
Hired farm labor presence	278
Total number of hired labor	277
Respondent code	101

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## Appendix B. **Report Form**

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The report form is shown on the following pages.

FORM **92-A90** U.S. DEPARTMENT OF COMMERCE  
(10-26-92) BUREAU OF THE CENSUS

**NOTICE** - Response to this inquiry is required by law (title 13, U.S. Code). By the same law, YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

**In correspondence pertaining to this report, please refer to your Census File Number (CFN)**

# EVALUATION OF THE 1992 CENSUS OF AGRICULTURE

92-A90

**Please  
complete  
and  
RETURN to**

BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, IN 47199-5155

**CENSUS  
USE  
ONLY**

010	011	012
013	014	015

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

Thank you for your response to the 1992 Census of Agriculture. You can help us again by completing this report form.

**What is the purpose of this report form?**

The Census Bureau is evaluating the count of farms in the 1992 Census of Agriculture. Statistics from the evaluation will measure the number of farms and ranches that are improperly counted – some will be counted when they should not have been and others will be missed. These errors result from inaccurate or incomplete information, as well as differences in the way the Census Bureau and others define a "farm" or "ranch." Although this questionnaire collects information similar to the 1992 Census of Agriculture questionnaire, your answers will help us to identify and measure the extent of these errors.

**Why are you receiving this report form?**

Results from past censuses have shown us that contacting the respondents a second time allows us to identify problems. This type of follow-up is very expensive, so we can only contact a small sample from the 1992 Census of Agriculture. The information you provide will represent other census respondents who do not receive this questionnaire.

**Is your response required?**

Yes, by law (title 13, United States Code)

**When is the questionnaire due?**

We need your response within 7 days. Please fill out the enclosed questionnaire and mail it back to us in the postage paid envelope provided. Please give the information even if you already answered these questions in the census.

**Is your response confidential?**

Yes, by the same law your report to the Census Bureau is kept confidential. Only sworn Census Bureau employees can see your questionnaire.

If you need assistance, call our toll-free number 1-800-233-6132 between 8:00 a.m. and 4:30 p.m. Eastern time.

Thank you for helping us with this important study.



Gaylord E. Worden  
Chief, Agriculture Division

Enclosure

CONTINUE ON PAGE 2 →



**SECTION 1**

This section asks about the kinds of involvement and the types of activities that you or any member of your household might have with agriculture. The Census Bureau's definition of a "farm" includes a large variety of activities, some of which you and others may not consider agricultural. Please read each question carefully, and mark the box that applies for each question.

**1. Which of the following best describes your involvement in agriculture at any time during 1992 -**

- |  | YES                            | NO                         |
|--|--------------------------------|----------------------------|
| <b>a. Sold your farm or ranch</b> .....  | 101 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <i>If "YES," please give the date (month/year) _____/_____/_____</i>   |                                |                            |
| <b>b. Retired from farming or ranching</b> .....   | 102 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <i>If "YES," please give the date (month/year) _____/_____/_____</i>   |                                |                            |
| <b>c. Operated a farm or ranch</b> .....   | 103 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <b>d. Operated a greenhouse or nursery</b> .....   | 104 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <b>e. Operated a farm or ranch with all work being completed under a custom arrangement or by hired custom operators</b> ..... | 105 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <b>f. Participated as a landlord, partner, investor, or corporate member in an agricultural operation</b> .....                | 106 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <i>If "YES" - Were you a</i> .....   | 107 1 <input type="checkbox"/> |                            |
|  |                                | <b>landlord?</b>           |
|  | 2 <input type="checkbox"/>     | <b>partner?</b>            |
|  | 3 <input type="checkbox"/>     | <b>investor?</b>           |
|  | 4 <input type="checkbox"/>     | <b>corporate member?</b>   |

**2. Which of the following describes your agricultural production activities at any time during 1992 -**

- |   | YES                            | NO                         |
|---|--------------------------------|----------------------------|
| <b>a. Grew ANY CROPS</b> (Including hay, tobacco, vegetables, fruit, sod, etc.) <b>or raised ANY LIVESTOCK OR POULTRY</b> (Including horses, goats, chickens, fish, bees, etc.) ..... | 108 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <b>b. Grew crops or raised livestock or poultry for your own or HOME USE</b> .....  | 109 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <b>c. Grew crops or raised livestock or poultry as a HOBBY</b> .....  | 110 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

**3. At any time during 1992 did you have any other involvement with an agricultural operation?** .....

- |  |                                |                            |
|--|--------------------------------|----------------------------|
|  | 111 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
|--|--------------------------------|----------------------------|

*If "YES," please describe the type of involvement.* ↴

\_\_\_\_\_

\_\_\_\_\_

**BEFORE YOU CONTINUE, PLEASE NOTE:**

✱ *If you marked "YES" to ANY of the above items, please continue with section 2.*

✱ *If ALL were marked "NO," please skip to section 6, page 7, sign your name, and return the questionnaire.*

**SECTION 2**

This section asks about the **NUMBER OF ACRES** that were owned or used at any time during 1992 by the operator or operation named on the mailing label. This census report should be completed for land under the day-to-day management of the person or operation listed on the mailing label. The land does not have to be "agricultural" – it could include your residence, woodland, pastureland, etc. – and it does not have to be located in a single place.

**1. What was the total number of acres you, your spouse, or your organization owned during 1992?**

- Include acres owned for only part of the year as well as acres owned for the whole year.
- Include Conservation Reserve Program (CRP) and Wetlands Reserve Program (WRP) land. ....

None

Number of acres
201
202
203
204
205
206
207

**2. In 1992, how many acres of land did you, your spouse, or your organization rent or lease FROM OTHERS?**

- Include land you worked on shares, used rent-free, or exchanged for services, payment of taxes, etc.
- Include leased Federal, State, and railroad land.
- DO NOT include land you used on a per-head basis under a grazing permit. ....

**3. In 1992, how many acres of land did you, your spouse, or your organization rent or lease TO OTHERS?**

- Include land worked on shares by others and land subleased. ....

**4. Of the land you rented to others reported in section 2, item 3, how many acres did you own? .....**

**5. Please add the acres reported in section 2, items 1 and 2, and subtract the acres reported in section 2, item 3. The resulting acreage is your CENSUS PLACE and should be used for completing the remainder of this questionnaire (i.e., item 1 + item 2 – item 3 = item 5).** ....

**6. Of the land in your CENSUS PLACE reported in section 2, item 5, above –**

**a. How many acres were used as pasture in 1992?**

- Include cropland used only for pasture, woodland pastured, and rangeland. ....

**b. How many acres were cropland on which all crops failed in 1992?**

- DO NOT include land in orchards and vineyards on which crops failed. ....

**7. In what county and State was the largest value of your agricultural products raised or produced in 1992?** ↗

County name	State

**8. Did you have agricultural operations in any other county(ies) in 1992?**

<sup>208</sup> 1  YES – Enter the county and State name(s) and acreage below.

2  NO

	County name	State	Number of acres
Principal county →			209
Other counties }			210
			211

**SECTION 2 NUMBER OF ACRES – Continued**

**9. Provide names and mailing addresses of the landlords FROM whom you rented land, used land rent free, or worked land on shares. If greater than three landlords, provide information for the three largest acreages** (acres reported in section 2, item 2).

Name	Mailing address, city, State, ZIP Code	Number of acres
		212
		213
		214

**10. Provide names and mailing addresses of the persons TO whom you rented land and the number of acres rented. If greater than three persons, provide information for the three largest acreages** (acres reported in section 2, item 3).

Name	Mailing address, city, State, ZIP Code	Number of acres
		215
		216
		217

**SECTION 3** This section asks for information about any person(s) who may have been involved during 1992 in your **CENSUS PLACE**. We know that our mailing list contains outdated addresses as well as duplicates, and we need to make sure we count each "farm" or "ranch" only once.

**1. What was the name of the person making the majority of the management decisions regarding your CENSUS PLACE?**

First name	Middle name	Last name
------------	-------------	-----------

This person will be referred to as the **OPERATOR** of your **CENSUS PLACE**.

**a. What was the name of the operator's SPOUSE?**

First name	Middle name	Last name
------------	-------------	-----------

**b. Did the operator live on your CENSUS PLACE?** .....<sup>301</sup> 1  Yes 2  No

**c. In what year did the operator begin to operate any part of your CENSUS PLACE?** .....<sup>302</sup> \_\_\_\_\_ (Year)

**d. At what occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1992?** .....<sup>303</sup> 1  Farming or ranching 2  Other

**e. What is the operator's age?** .....<sup>304</sup> \_\_\_\_\_ years old

**f. What is the race of the operator?** .....<sup>305</sup> 1  White 4  American Indian  
 2  Negro or Black 5  Other – *Specify* ↗  
 3  Asian or Pacific Islander \_\_\_\_\_

**g. What is the operator's sex?** .....<sup>306</sup> 1  Male 2  Female

**h. Is the operator of Spanish/Hispanic origin or descent?** .....<sup>307</sup> 1  Yes 2  No

**SECTION 3 CENSUS PLACE – Continued**

**2. In the past two years, has the operator received mail at any address other than the one shown on the mail label?**

- <sup>308</sup> 1  YES – Please provide other address →  
 2  NO

Mailing address		
City	State	ZIP Code

**3. For business purposes, was any other name used for this CENSUS PLACE in 1992?**

- <sup>309</sup> 1  YES – Please provide other name →  
 2  NO

Business name		
Mailing address		
City	State	ZIP Code

**4. Which type of organization best describes your CENSUS PLACE in 1992?**

- <sup>310</sup> 1  Individual or family operation (sole proprietorship), excluding partnership and corporation  
 2  Partnership operation, including family partnership  
 3  Corporation – incorporated under State law, including family corporation  
 4  Other – such as cooperative, estate, trust, etc. – Please specify ↘

\_\_\_\_\_

**5. At any time during 1992 were there any other individuals associated with the operation of your CENSUS PLACE?**

**NOTE – INCLUDE ALL INDIVIDUALS WHETHER THEY LIVE ON OR OFF YOUR CENSUS PLACE.**

- <sup>311</sup> 1  YES – Provide information below  
 2  NO – Go to section 4

Name	Mailing address, city, State, ZIP Code	Family relationship of this individual to operator of <b>CENSUS PLACE</b> (e.g. parent, uncle, son, not related)	Business relationship of this individual to operator of <b>CENSUS PLACE</b> (e.g. hired manager, business associate, partner, other)

**SECTION 4**

This section asks about the **CROPS** that were **HARVESTED** from your **CENSUS PLACE** in 1992. Please provide information about all crops including those grown under contract. This information is important for this evaluation. If you rent land from others, be sure to include the landlord's share of harvest. **DO NOT** include crops grown on land that is rented to others.

- None
- 1. Hay crops –**
    - a. Alfalfa and alfalfa mixtures** .....
    - b. All other hay**
      - Include grain hay, grass silage, wild hay, tame hay, sorghum hay, etc.
      - If two or more cuttings were made from the same acres, **REPORT ACRES ONLY ONCE**, but report total tons of all cuttings .....
  - 2. Corn for grain or seed** .....
  - 3. Corn for silage, cut for green chop or dry fodder**
    - DO NOT include acres reported in item 2 above .....
  - 4. Soybeans for beans** .....
  - 5. Wheat for grain** .....
  - 6. Other small grains for grain – oats, barley, rye, rice, etc. – Specify crop name(s) ↴**  
 \_\_\_\_\_
  - 7. Sorghum for grain or seed** .....
  - 8. Sorghum for silage, cut for green chop, or dry forage**
    - DO NOT include acres reported in items 1 and 7 above .....
  - 9. Cotton** .....
  - 10. Peanuts for nuts** .....
  - 11. Tobacco – all types** .....
  - 12. Irish potatoes**
    - Exclude home use .....
  - 13. Sweetpotatoes and yams**
    - Exclude home use .....
  - 14. Vegetables, sweet corn, or melons for sale**
    - Exclude home use .....
  - 15. Berries for sale**
    - Exclude home use – Specify crop name(s) ↴  
 \_\_\_\_\_
  - 16. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees of all ages**
    - Include land on which the fruit crop failed
    - DO NOT include abandoned acreage  
 Specify crop name(s) ↴  
 \_\_\_\_\_
  - 17. All other crops**
    - Include field seeds, sugar crops, dry beans, dry peas, sunflower seeds, etc. – Specify crop name(s) ↴  
 \_\_\_\_\_
  - 18. Greenhouse and nursery products**
    - Include mushrooms, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, or vegetables under glass, etc. – Specify crop name(s) ↴  
 \_\_\_\_\_

Acres harvested in 1992	Quantity harvested in 1992	Gross value of sales in 1992	
		Dollars	Cents
501	502 Tons, dry	503 \$	00
504	505 Tons, dry	506 \$	00
507	508 Bu.	509 \$	00
510		511 \$	00
512	513 Bu.	514 \$	00
515	516 Bu.	517 \$	00
518		519 \$	00
520	521	522 \$	00
523		524 \$	00
525	526 Bales	527 \$	00
528	529 Lbs.	530 \$	00
531	532 Lbs. /10	533 \$	00
534	535 Cwt. /10	536 \$	00
537	538 Bu. /10	539 \$	00
540	/10	541 \$	00
542	/10	543 \$	00
544	/10	545 \$	00
546	/10	547 \$	00
Square feet under glass or other protection in 1992	Acres in the open in 1992	Gross value of sales in 1992	
	Whole acres   Tenths	Dollars	Cents
548	549   /10	550 \$	00

**SECTION 5**

This section asks about the **LIVESTOCK and POULTRY** on your **CENSUS PLACE**. Information about all types of livestock and poultry are important for this evaluation. Please include all livestock and poultry present on December 31, 1992, no matter who owned them. Be sure to include all sales of any livestock or poultry fed on a contract or custom basis that were taken from your **CENSUS PLACE** at any time during 1992.

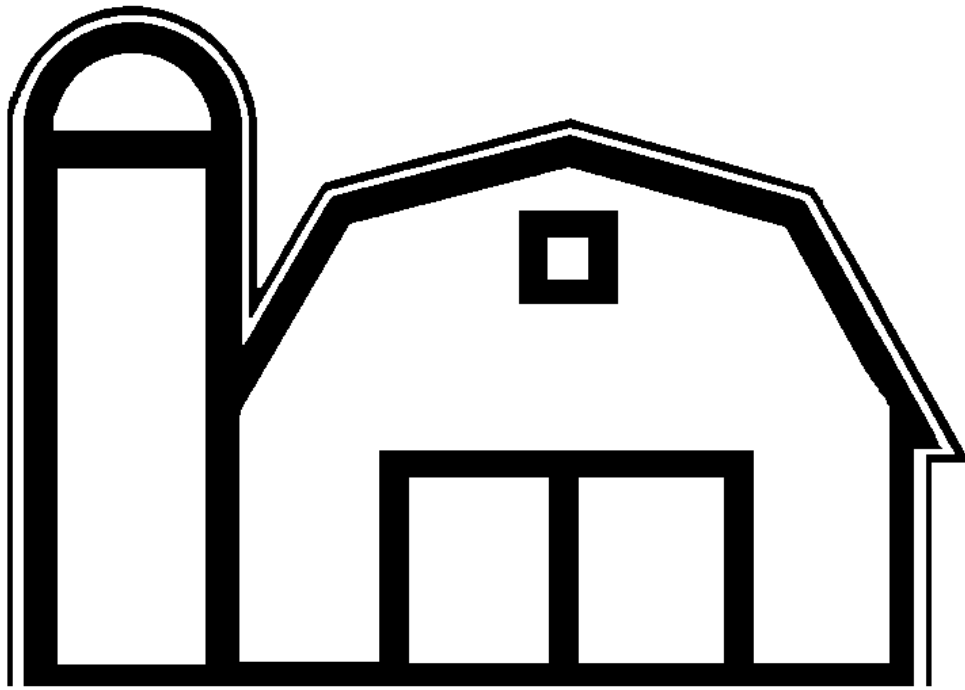
- None
- 1. On December 31, 1992, how many CATTLE and CALVES of all ages were on your CENSUS PLACE?** .....
- Of these cattle and calves, how many were –
- a. Milk cows?**
- Include dry milk cows and milk heifers that had calved .....
- b. Other cattle and calves?**
- Include beef cows, heifers, steers, bulls and bull calves .....
- 2. What was the gross value of dairy products sold from your CENSUS PLACE in 1992?** .....
- 3. On December 31, 1992, how many HOGS and PIGS of all ages were on your CENSUS PLACE?** .....
- 4. On December 31, 1992, were there any POULTRY on your CENSUS PLACE?** .....
- Of this poultry, how many were –
- a. Hens and pullets of laying age?**
- Exclude started pullets being raised for sale .....
- b. Pullets 3 months old or older not yet of laying age?** .....
- c. Broilers, fryers, and other meat-type chickens?**
- Include capons and roasters .....
- d. Other poultry raised in captivity?**
- Include turkeys, ducks, geese, etc. – *Specify kind*
- \_\_\_\_\_
- 5. What was the gross value of eggs sold from your CENSUS PLACE in 1992?** .....
- 6. On December 31, 1992, how many HORSES and PONIES were on your CENSUS PLACE?**
- Include boarded horses and ponies .....
- 7. On December 31, 1992, how many SHEEP and LAMBS of all ages were on your CENSUS PLACE?** .....
- 8. On December 31, 1992, were there any other livestock or livestock products on your CENSUS PLACE?**
- Include goats, goats milk, mules, fur-bearing animals, colonies of bees, fish in captivity and other aquaculture products, honey, wool, mohair, etc. ....
- Specify kind*
- \_\_\_\_\_
- \_\_\_\_\_

INVENTORY Number on this place December 31, 1992	Total number sold in 1992	Gross value of sales	
		Dollars	Cents
601	602	603	00
		\$	
604	605	606	00
		\$	
607	608	609	00
		\$	
		610	00
		\$	
611	612	613	00
		\$	
614	615	616	00
		\$	
617	618	619	00
		\$	
620	621	622	00
		\$	
623	624	625	00
		\$	
626	627	628	00
		\$	
		629	00
		\$	
630	631	632	00
		\$	
633	634	635	00
		\$	
636	637	638	00
		\$	
639	640	641	00
		\$	
642	643	644	00
		\$	

**SECTION 6 PERSON COMPLETING THIS REPORT**

Signature	Date (Month/day/year)	<sup>645</sup> Telephone (Area code/number) ( )
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Public reporting burden for this collection of information is estimated to average 23 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Associate Director for Management Services, Attn: Paperwork Reduction Project 0607-0758, Room 2027, Bureau of the Census, Washington, DC 20233; and to the Office of Management and Budget, Attn: Paperwork Reduction Project 0607-0758, Washington, DC 20503.



AG **CENSUS** USA

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## Appendix C. References

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### 1992 Census of Agriculture

- Volume 1, Summary and State Data Part 51, United States.
- Procedural History, Reference Series.

### 1987 Census of Agriculture

- Volume 1, Summary and State Data, Part 51, United States.
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### 1982 Census of Agriculture

- Volume 1, Summary and State Data, Part 51, United States.
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### 1978 Census of Agriculture

- Volume 1, Summary and State Data, Part 51, United States.
- Volume 5, Special Reports, Part 3, Coverage Evaluation.

### 1974 Census of Agriculture

- Volume IV, Special Reports, Part 3, Coverage Evaluation.

### 1969 Census of Agriculture

- Volume 5, Special Reports, Part 16, Evaluation of Coverage.

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Yates, F. 1981. *Sampling Methods for Censuses and Surveys*, 4th Edition. Charles Griffin & Company, London. 458 pp.

# Publication Program

## 1992 CENSUS OF AGRICULTURE

Results of the 1992 Census of Agriculture are published in a series of reports that provide data at the national, State, and county (or equivalent) levels for the United States. Data also are available for Puerto Rico, Guam, and the Virgin Islands of the United States.

### VOLUME 1. GEOGRAPHIC AREA SERIES (AC92-A-1 TO -54)

**National, State, and County Data** are published in detailed national and State tables for the United States, and in State and county tables for each State. These reports include data on number and size of farm; crop production; livestock, poultry, and their products; tenure, age, and principal occupation of operator; type of organization; value of products sold; government payments plus market value of agricultural products sold; production expenses; direct marketing; number of hired employees; land use; irrigation; and the standard industrial classification of farms.

#### U.S. Summary and State Data Report (AC92-A-51)

Chapter 1. National-level data

Chapter 2. State-level data

#### State and County Data Reports (AC92-A-1 to -50)

Chapter 1. State-level data

Chapter 2. County-level data

**Outlying Areas Data (AC92-A-52 to -54)** are published for the regions and municipios of Puerto Rico, the election districts on Guam, and the islands of the Virgin Islands of the United States.

### VOLUME 2. SUBJECT SERIES (AC92-S-1 TO -5)

**Agricultural Atlas of the United States (AC92-S-1)** graphically illustrates a profile of the Nation's agriculture at the county level in a series of dot and multicolor pattern maps. The maps provide displays on sizes and types of farms, land use, farm tenure, market value of agricultural products sold, crops harvested, livestock inventories, and other characteristics of farms.

**Coverage Evaluation (AC92-S-2)** provides national- and regional-level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

**Ranking of States and Counties (AC92-S-3)** ranks the leading States and counties for selected items from the 1992 census. Tables show cumulative percentage of U.S. totals and most include comparative data from the 1987 census.

**History (AC92-S-4)** provides a detailed description of the planning and conduct of the 1992 Census of Agriculture. It explains the history of the agriculture census, farm

definition, data collection and processing, data dissemination, coverage evaluation and research, and the census of agriculture in outlying areas. Also included are facsimiles of the report forms, information sheets, and letters sent to the public.

**ZIP Code Tabulations of Selected Items from the 1992 and 1987 Censuses of Agriculture (AC92-S-5)** provides tabulations by five-digit ZIP Code for selected items from the 1992 and 1987 censuses. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sales, livestock inventory, cropland harvested, selected crops, and other data.

### VOLUME 3. 1994 FARM AND RANCH IRRIGATION SURVEY (AC92-RS-1)

This report provides data collected from a sample of irrigated farm operations identified in the 1992 Census of Agriculture. Data items include acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by source, expenses, and other irrigation practices. Data are available for each of the 17 Western States, 10 other leading irrigation States, and the 18 water resources regions of the conterminous United States.

## PRINTED REPORTS

All of the reports listed above are available as printed reports, except Volume 2, Part 5, ZIP Code Tabulations. To obtain order forms or further information concerning any agriculture census printed reports, write the Bureau of the Census, Agriculture and Financial Statistics Division, Special Projects Branch, Washington, DC 20233-8300 or call 1-800-523-3215.

## ELECTRONIC PRODUCTS

- **Computer Tapes**—Public-use computer tapes contain the same summary statistics published in the Volume 1 reports.
- **Compact Disc-Read Only Memory (CD-ROM)**—Data from Volume 1, Volume 2 parts 1 and 5, and Volume 3 are available on CD-ROM.
- **Online Access**—Highlights from Volume 1, Volume 2 parts 3 and 5, and Volume 3 are available on the ARI Network<sup>R</sup> and on CENDATA<sup>TM</sup> through DIALOG<sup>R</sup> and CompuServe<sup>R</sup>.

For additional information regarding electronic data products, write the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233-8300 or call 301-457-4100.