

STATISTICS FOR THE STATE

State Table 18.—SAMPLING RELIABILITY OF ESTIMATED TOTALS FOR COUNTY, ECONOMIC AREA, AND STATE BY NUMBER OF FARMS REPORTING, BY LEVELS

| If the estimated number of farms reporting is— | Then the chances are about 2 in 3 that the estimated total would differ from the results of a complete tabulation of the items for all farms by less than— | | | | If the estimated number of farms reporting is— | Then the chances are about 2 in 3 that the estimated total would differ from the results of a complete tabulation of the items for all farms by less than— | | | |
|--|--|---------|---------|---------|--|--|---------|---------|---------|
| | Level 1 ¹ | Level 2 | Level 3 | Level 4 | | Level 1 ¹ | Level 2 | Level 3 | Level 4 |
| | Percent | Percent | Percent | Percent | | Percent | Percent | Percent | Percent |
| 25..... | 40 | 53 | 71 | 96 | 5,000..... | 2.8 | 3.7 | 5.0 | 6.8 |
| 50..... | 28 | 37 | 50 | 68 | 10,000..... | 2.0 | 2.6 | 3.5 | 4.8 |
| 100..... | 20 | 26 | 35 | 48 | 25,000..... | 1.3 | 1.7 | 2.2 | 3.0 |
| 250..... | 13 | 17 | 22 | 30 | 50,000..... | 0.9 | 1.2 | 1.6 | 2.1 |
| 500..... | 8.9 | 12 | 16 | 21 | 100,000..... | 0.6 | 0.8 | 1.1 | 1.5 |
| 1,000..... | 6.3 | 8.4 | 11 | 15 | 250,000..... | 0.4 | 0.5 | 0.7 | 1.0 |
| 2,500..... | 4.0 | 5.3 | 7.1 | 9.6 | | | | | |

¹Level 1 should be used in determining the sampling reliability of estimated number of farms and farms reporting. If the estimated number of farms or farms reporting constitutes more than 75 percent of all farms in the universe, a better approximation to the sampling reliability may be obtained by multiplying the percent given in the tables as follows:

1. When the number of farms or farms reporting is 75 percent of all farms, multiply the percent error by 0.50.
2. When the number of farms or farms reporting is 90 percent of all farms, multiply the percent error by 0.30.
3. When the number of farms or farms reporting is 95 percent of all farms, multiply the percent error by 0.20.

State Table 19.—INDICATED LEVEL OF SAMPLING RELIABILITY OF ESTIMATED COUNTY, ECONOMIC AREA, AND STATE TOTALS FOR SPECIFIED ITEMS

To determine sampling reliability for an item, it is necessary to use this table to find out which of the 4 levels of sampling reliability given in State Table 18 to use. Reference is required also to the county, economic area, or State table in order to obtain the number of farms reporting.

| Item | Level of sampling reliability for specified items by number of milk cows | | | | | | | | | |
|--------------------------------------|--|----------|----------|----------|-------------|-------------|----------|----------|----------|-------------|
| | All commercial farms | | | | | Dairy farms | | | | |
| | Total | Under 10 | 10 to 29 | 30 to 49 | 50 and more | Total | Under 10 | 10 to 29 | 30 to 49 | 50 and more |
| Milk cows.....number.. | 3 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |
| Whole milk sold.....gallons.. | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 |
|dollars.. | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| Cream sold.....pounds of butterfat.. | 3 | 3 | 3 | x | x | 3 | 1 | 2 | x | x |
|dollars.. | 3 | 3 | 2 | x | x | 3 | 2 | 3 | x | x |

| Item | Level of sampling reliability for specified items by number of chickens on hand | | | | | | | | | | | |
|--|---|-----------|------------|--------------|----------------|----------------|-------|-----------|------------|--------------|----------------|----------------|
| | All commercial farms | | | | | Poultry farms | | | | | | |
| | Total | Under 400 | 400 to 799 | 800 to 1,599 | 1,600 to 3,199 | 3,200 and over | Total | Under 400 | 400 to 799 | 800 to 1,599 | 1,600 to 3,199 | 3,200 and over |
| Chickens on hand.....number.. | 2 | 1 | 1 | 1 | 1 | x | 2 | 1 | 1 | 1 | 1 | x |
| Chickens sold.....number.. | 4 | 4 | 3 | 3 | 3 | x | 3 | 2 | 2 | 2 | 2 | x |
| Chicken eggs sold.....dozens.. | 4 | 4 | 1 | 1 | 1 | x | 3 | 2 | 1 | 1 | 1 | x |
| Chicken eggs sold, value of sales.....dollars.. | 4 | 4 | 1 | 1 | 1 | x | 3 | 2 | 1 | 1 | 1 | x |
| Value of sales of other poultry products.....dollars.. | 4 | 4 | x | x | x | x | 2 | 2 | x | x | x | x |

Note: Items whose level is indicated by an X may be approximated by using the level given for the State.

State Table 19.—INDICATED LEVEL OF SAMPLING RELIABILITY OF ESTIMATED COUNTY, ECONOMIC AREA, AND STATE TOTALS FOR SPECIFIED ITEMS—Continued

[To determine sampling reliability for an item, it is necessary to use this table to find out which of the 4 levels of sampling reliability given in State Table 18 to use. Reference is required also to the county, economic area, or State table in order to obtain the number of farms reporting]

| Item (For definitions and explanations, see text) | Total | Tenure groups | | | Economic-class groups | | | | Type-of-farm groups | | | | |
|--|-------|--------------------------|-------------|-------------|-----------------------|----------|------------|-------------|-----------------------------|---|-------|---------|--|
| | | Full owners and managers | Part owners | All tenants | I, II, and III | IV and V | VI and VII | VIII and IX | Vegetable and fruit-and-nut | Other field-crop and general—primarily crop | Dairy | Poultry | Livestock, general—primarily livestock, and primarily crop and livestock |
| Farms and farm characteristics: | | | | | | | | | | | | | |
| Land owned or managed by farm operators.....acres.. | 1 | 2 | 2 | 1 | 2 | 2 | 3 | 4 | 3 | 2 | 2 | 4 | 2 |
| Land rented from others by farm operators.....acres.. | 1 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 4 | 2 | 2 | 2 | 3 |
| Land rented to others by farm operators.....acres.. | 2 | 3 | 2 | 1 | 3 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Cash rent paid by farm operators.....dollars.. | 3 | 2 | 3 | 2 | 2 | 4 | 1 | 1 | 2 | 2 | 2 | 1 | 4 |
| Value of land and buildings per farm.....dollars.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 |
| Land in farms.....acres.. | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 2 |
| Cropland: Total, harvested, pastured, or other.....acres.. | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 1 | 2 | 2 |
| Woodland: Total, pastured or not pastured.....acres.. | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 1 | 3 | 3 | 2 |
| Total pastureland.....acres.. | 1 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 2 |
| Total irrigated land, land in crops for erosion control, or cropland farmed on contour.....acres.. | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 2 |
| Commercial fertilizer: | | | | | | | | | | | | | |
| Commercial fertilizer purchased.....tons.. | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 4 |
| Acres on which commercial fertilizer applied.....acres.. | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 1 | 3 |
| Lime or liming material purchased.....tons.. | 2 | x | x | x | x | x | x | x | x | x | x | x | x |
| Acres on which lime or liming material applied.....acres.. | 2 | x | x | x | x | x | x | x | x | x | x | x | x |
| Specified facilities and equipment: | | | | | | | | | | | | | |
| Grain combines, corn pickers, pick-up balers, feed forage harvesters.....number.. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Artificial ponds, reservoirs, and earth tanks.....number.. | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Motortrucks.....number.. | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tractors: Total, wheel, garden, or crawler.....number.. | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Automobiles.....number.. | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Farm labor: | | | | | | | | | | | | | |
| Total hired workers and unpaid family workers.....persons.. | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 1 | 3 | 3 |
| Hired workers: | | | | | | | | | | | | | |
| Regular.....persons.. | 2 | 2 | 1 | 3 | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 2 | 2 |
| Seasonal.....persons.. | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| Paid on daily basis.....persons.. | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| Specified farm expenditures: | | | | | | | | | | | | | |
| Machine hire and/or hired labor.....dollars.. | 3 | 4 | 2 | 3 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 4 |
| Feed for livestock and poultry.....dollars.. | 3 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 3 | 2 | 2 | 4 | 4 |
| Gasoline and other petroleum fuel and oil.....dollars.. | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 |
| Commercial fertilizer purchased.....dollars.. | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 4 |
| Livestock and livestock products: | | | | | | | | | | | | | |
| Horses and/or mules.....number.. | 2 | 2 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 |
| Cattle and calves.....number.. | 2 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 3 |
| Cows including heifers that have calved.....number.. | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 4 | 4 | 2 | 2 |
| Milk cows.....number.. | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 3 |
| Hogs and pigs.....number.. | 4 | 4 | 2 | 3 | 4 | 3 | 2 | 2 | x | 2 | 2 | 2 | 4 |
| Sheep and lambs.....number.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 |
| Chickens, 4 months old and over, on hand.....number.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 3 | 4 |
| Cattle and calves sold.....number.. | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 4 |
| Hogs and pigs sold.....number.. | 4 | 4 | 2 | 3 | 4 | 2 | 2 | 2 | x | 2 | 2 | 2 | 4 |
| Sheep shorn.....pounds of wool.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Whole milk sold.....gallons.. | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 2 | 2 |
| Cream sold.....pounds of butterfat.. | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 3 |
| Chickens sold.....number.. | 4 | 4 | 4 | 2 | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 3 |
| Chicken eggs sold.....dozens.. | 4 | 4 | 2 | 2 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 3 |
| Value of products sold by source: | | | | | | | | | | | | | |
| Hogs and pigs sold.....dollars.. | 4 | 4 | 2 | 2 | 4 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 4 |
| Whole milk sold.....dollars.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 4 | 2 | 3 |
| Cream sold.....dollars.. | 2 | 3 | 3 | 2 | 4 | 2 | 2 | 2 | 1 | 2 | 4 | 3 | 2 |
| Chicken eggs sold.....dollars.. | 4 | 4 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 3 |
| Other poultry and poultry products sold.....dollars.. | 2 | 4 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| Forest products sold.....dollars.. | 4 | x | x | x | x | x | x | x | x | x | x | x | x |
| Specified crops harvested: | | | | | | | | | | | | | |
| Corn for all purposes.....acres.. | 2 | 2 | 3 | 1 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 2 |
| Corn harvested for grain.....acres.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 |
| bushels harvested.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 |
| bushels sold.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 |
| Winter wheat threshed or combined.....acres.. | 1 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| bushels harvested.. | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| bushels sold.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Spring wheat threshed or combined.....acres.. | 2 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| bushels harvested.. | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| bushels sold.. | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Oats threshed or combined.....acres.. | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| bushels harvested.. | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| bushels sold.. | 3 | 2 | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Barley threshed or combined.....acres.. | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| bushels harvested.. | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| bushels sold.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Dry field and seed beans harvested for beans.....acres.. | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 100-lb. bags harvested.. | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Alfalfa hay.....acres.. | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| tons harvested.. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| Clover hay.....acres.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| tons harvested.. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Wild hay.....acres.. | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Irish potatoes harvested for home use or for sale.....acres.. | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 2 |
| 100-lb. bags harvested.. | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 2 |

Note: Items whose level is indicated by an X may be approximated by using the level given for the State.