

**Table 49. Renewable Energy: 2022 and 2017**

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

| Item  | 2022  | 2017  | Item   | 2022  | 2017 |
|---|-------|-------|--|-------|------|
| Renewable energy producing systems (see text) ..... farms | 4,960 | 4,609 | Renewable energy producing systems (see text) - Con. |       |      |
| Solar panels ..... farms                                  | 4,294 | 3,768 | Geothermal/geoexchange systems ..... farms           | 383   | 438  |
| Wind turbines ..... farms                                 | 573   | 627   | Small hydro systems ..... farms                      | 99    | 78   |
| Methane digesters ..... farms                             | 17    | 3     | Wind rights leased to others ..... farms             | 1,123 | 626  |

**Table 50. Institutional, Research, Experimental, and American Indian Reservation Farms: 2022 and 2017**

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

| Characteristics  | 2022      | 2017      | Characteristics  | 2022    | 2017    |
|--|-----------|-----------|--|---------|---------|
| Farms ..... number   | 180       | 180       | Market value of agricultural products sold - Con.  |         |         |
| Land in farms ..... acres  | 1,124,565 | 1,136,825 | Crops, including nursery and greenhouse crops ..... \$1,000                                  | 17,034  | 11,960  |
| Average size of farm ..... acres   | 6,248     | 6,316     | Livestock, poultry, and their products ..... \$1,000   | 23,763  | 26,177  |
| Estimated market value of land and buildings ..... \$1,000   | 816,514   | 637,629   | Total farm production expenses <sup>1</sup> ..... \$1,000                                    | 39,922  | 40,638  |
| Average per farm ..... dollars   | 4,536,188 | 3,542,384 | Average per farm ..... dollars   | 221,791 | 225,768 |
| Average per acre ..... dollars   | 726       | 561       | Government payments ..... farms  | 10      | 12      |
| Estimated market value of all machinery and equipment ..... \$1,000  | 42,788    | 33,387    | Average per farm ..... \$1,000   | 487     | 291     |
| Land in farms according to use:  |           |           | Average per farm ..... dollars   | 48,695  | 24,249  |
| Total cropland ..... farms   | 79        | 82        | Total income from farm-related sources ..... farms   | 51      | 55      |
| Harvested cropland ..... acres   | 39,875    | 43,102    | Average per farm ..... \$1,000   | 3,885   | 4,847   |
| Other pasture and grazing land that could have been used for crops without additional improvements ..... farms | 14        | 11        | Average per farm ..... dollars   | 76,173  | 88,130  |
| Other cropland ..... acres   | 3,318     | 1,512     | Tenure:  |         |         |
| Other cropland ..... farms   | 36        | 36        | Full owners ..... farms  | 141     | 142     |
| Other cropland ..... acres   | 11,904    | 16,652    | Part owners ..... farms  | 28      | 20      |
| Total woodland ..... farms   | 24        | 19        | Tenants ..... farms  | 11      | 18      |
| Woodland pastured ..... acres  | 93,350    | (D)       | Farms by North American Industry Classification System:                                      |         |         |
| Woodland not pastured ..... acres  | (D)       | 5,090     | Oilseed and grain farming (1111) ..... farms   | 18      | 16      |
| Permanent pasture and rangeland other than cropland and woodland pastured ..... farms                          | 108       | 102       | Vegetable and melon farming (112) ..... farms  | 3       | 3       |
| Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. .... farms           | 104       | 109       | Fruit and tree nut farming (1113) ..... farms  | 2       | 2       |
| Irrigated land ..... farms   | 55        | 66        | Greenhouse, nursery, and floriculture production (1114) ..... farms                          | 7       | 9       |
| Market value of agricultural products sold ..... \$1,000   | 40,797    | 38,137    | Other crop farming (1119) ..... farms  | 35      | 32      |
| Average per farm ..... dollars   | 226,651   | 211,872   | Tobacco farming (1191) ..... farms   | -       | -       |
|  |           |           | Cotton farming (1192) ..... farms  | -       | -       |
|  |           |           | Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) ..... farms | 35      | 32      |
|  |           |           | Beef cattle ranching and farming (112111) ..... farms  | 17      | 16      |
|  |           |           | Cattle feedlots (112112) ..... farms   | 2       | 3       |
|  |           |           | Dairy cattle and milk production (11212) ..... farms   | 1       | 3       |
|  |           |           | Hog and pig farming (1122) ..... farms   | 5       | 1       |
|  |           |           | Poultry and egg production (1123) ..... farms  | -       | 2       |
|  |           |           | Sheep and goat farming (1124) ..... farms  | 4       | 2       |
|  |           |           | Aquaculture and other animal production (1125, 1129) ..... farms                             | 86      | 91      |

<sup>1</sup> Landlord production expenses are included within total farm production expenses.