

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	3,531	3,512	Renewable energy producing systems (see text) - Con.		
Solar panels farms	2,034	1,614	Geothermal/geoexchange systems farms	1,567	1,695
Wind turbines farms	86	78	Small hydro systems farms	121	80
Methane digesters farms	46	-	Wind rights leased to others farms	106	149

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	83	90	Market value of agricultural products sold - Con.		
Land in farms acres	58,348	44,919	Crops, including nursery and greenhouse crops \$1,000	6,174	3,140
Average size of farm acres	703	499	Livestock, poultry, and their products \$1,000	11,015	5,224
Estimated market value of land and buildings \$1,000	572,663	307,531	Total farm production expenses ¹ \$1,000	20,325	14,603
Average per farm dollars	6,899,550	3,417,008	Average per farm dollars	244,878	162,256
Average per acre dollars	9,815	6,846	Government payments farms	6	14
Estimated market value of all machinery and equipment \$1,000	28,515	19,643	Average per farm \$1,000	30	198
Land in farms according to use:			Average per farm dollars	5,003	14,121
Total cropland farms	70	74	Total income from farm-related sources farms	32	38
Harvested cropland farms	15,792	12,890	Average per farm \$1,000	2,286	6,396
Other pasture and grazing land that could have been used for crops without additional improvements farms	11	12	Average per farm dollars	71,443	168,329
Other cropland farms	1,496	2,160	Tenure:		
Woodland farms	12	17	Full owners farms	72	80
Woodland pastured farms	1,397	2,290	Part owners farms	6	6
Woodland not pastured farms	48	48	Tenants farms	5	4
Permanent pasture and rangeland other than cropland and woodland pastured farms	51	43	Farms by North American Industry Classification System:		
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	11,415	6,925	Oilseed and grain farming (1111) farms	10	6
Irrigated land farms	25	23	Vegetable and melon farming (1112) farms	2	5
Market value of agricultural products sold \$1,000	17,189	8,364	Fruit and tree nut farming (1113) farms	-	3
Average per farm dollars	207,091	92,931	Greenhouse, nursery, and floriculture production (1114) farms	14	10
			Other crop farming (1119) farms	20	25
			Tobacco farming (1191) farms	-	2
			Cotton farming (1192) farms	-	-
			Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	20	23
			Beef cattle ranching and farming (112111) farms	13	19
			Cattle feedlots (112112) farms	2	-
			Dairy cattle and milk production (11212) farms	-	1
			Hog and pig farming (1122) farms	-	2
			Poultry and egg production (1123) farms	-	1
			Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) farms	22	18

¹ Landlord production expenses are included within total farm production expenses.