

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	907	832	Renewable energy producing systems (see text) - Con.		
Solar panels farms	861	709	Geothermal/geoexchange systems farms	35	36
Wind turbines farms	52	69	Small hydro systems farms	-	15
Methane digesters farms	4	3	Wind rights leased to others farms	20	37

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	52	44	Market value of agricultural products sold - Con.		
Land in farms acres	10,663	9,731	Crops, including nursery and greenhouse crops \$1,000	1,584	1,307
Average size of farm acres	205	221	Livestock, poultry, and their products \$1,000	7,447	7,522
Estimated market value of land and buildings \$1,000	70,179	40,131	Total farm production expenses ¹ \$1,000	7,353	9,445
Average per farm dollars	1,349,597	912,061	Average per farm dollars	141,400	214,654
Average per acre dollars	6,582	4,124	Government payments farms	-	3
Estimated market value of all machinery and equipment \$1,000	4,977	5,011	Average per farm \$1,000	-	3
Land in farms according to use:			Average per farm dollars	-	1,086
Total cropland farms	28	28	Total income from farm-related sources farms	12	15
Harvested cropland farms	1,353	1,270	Average per farm \$1,000	852	550
Other pasture and grazing land that could have been used for crops without additional improvements farms	4	5	Average per farm dollars	70,960	36,650
Other cropland farms	67	14	Tenure:		
Other cropland acres	11	14	Full owners farms	51	40
Total woodland farms	28	29	Part owners farms	1	4
Woodland pastured farms	5,712	5,585	Tenants farms	-	-
Woodland not pastured farms	-	3	Farms by North American Industry Classification System:		
Woodland not pastured acres	-	250	Oilseed and grain farming (1111) farms	3	-
Woodland not pastured acres	5,712	5,335	Vegetable and melon farming (112) farms	13	8
Permanent pasture and rangeland other than cropland and woodland pastured farms	13	10	Fruit and tree nut farming (1113) farms	6	7
Permanent pasture and rangeland other than cropland and woodland pastured acres	179	321	Greenhouse, nursery, and floriculture production (1114) farms	3	5
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	38	34	Other crop farming (1119) farms	7	5
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. acres	3,419	2,555	Tobacco farming (1191) farms	-	-
Irrigated land farms	12	13	Cotton farming (1192) farms	-	-
Irrigated land acres	74	75	Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	7	5
Market value of agricultural products sold \$1,000	9,031	8,829	Beef cattle ranching and farming (11211) farms	-	3
Average per farm dollars	173,682	200,657	Cattle feedlots (11212) farms	-	-
			Dairy cattle and milk production (11212) farms	2	2
			Hog and pig farming (1122) farms	-	-
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) farms	18	14

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