

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	1,084	831	Renewable energy producing systems (see text) - Con.		
Solar panels farms	959	622	Geothermal/geoexchange systems farms	113	100
Wind turbines farms	32	23	Small hydro systems farms	32	16
Methane digesters farms	17	12	Wind rights leased to others farms	44	70

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	20	21	Market value of agricultural products sold - Con.		
Land in farms acres	22,093	28,421	Crops, including nursery and greenhouse crops \$1,000	5,149	2,856
Average size of farm acres	1,105	1,353	Livestock, poultry, and their products \$1,000	12,177	8,738
Estimated market value of land and buildings \$1,000	64,924	101,009	Total farm production expenses ¹ \$1,000	16,615	15,728
Average per farm dollars	3,246,201	4,809,954	Average per farm dollars	830,765	748,958
Average per acre dollars	2,939	3,554	Government payments farms	1	5
Estimated market value of all machinery and equipment \$1,000	(D)	18,443	Average per farm \$1,000	(D)	25
Land in farms according to use:			Average per farm dollars	(D)	5,004
Total cropland farms	11	14	Total income from farm-related sources farms	8	13
Harvested cropland acres	7,473	10,176	Average per farm \$1,000	1,076	781
Other pasture and grazing land that could have been used for crops without additional improvements farms	-	-	Average per farm dollars	134,462	60,097
Other cropland farms	6	6	Tenure:		
Other cropland acres	499	2,247	Full owners farms	18	16
Total woodland farms	10	13	Part owners farms	2	4
Woodland pastured farms	8,489	10,096	Tenants farms	-	1
Woodland not pastured farms	3	5	Farms by North American Industry Classification System:		
Woodland not pastured acres	438	799	Oilseed and grain farming (1111) farms	-	2
Permanent pasture and rangeland other than cropland and woodland pastured farms	10	9	Vegetable and melon farming (112) farms	3	2
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	18	17	Fruit and tree nut farming (1113) farms	-	-
Irrigated land farms	1,729	2,701	Greenhouse, nursery, and floriculture production (1114) farms	2	2
Irrigated land acres	8	9	Other crop farming (1119) farms	1	4
Market value of agricultural products sold \$1,000	17,326	11,595	Tobacco farming (1191) farms	-	-
Average per farm dollars	866,295	552,122	Cotton farming (1192) farms	-	-
			Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	1	4
			Beef cattle ranching and farming (11211) farms	2	4
			Cattle feedlots (11212) farms	-	-
			Dairy cattle and milk production (11212) farms	1	1
			Hog and pig farming (1122) farms	-	-
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	1	-
			Aquaculture and other animal production (1125, 1129) farms	10	6

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