

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	365	396	Renewable energy producing systems (see text) - Con.		
Solar panels farms	321	341	Geothermal/geoexchange systems farms	16	22
Wind turbines farms	30	59	Small hydro systems farms	23	25
Methane digesters farms	-	2	Wind rights leased to others farms	7	4

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	43	41	Market value of agricultural products sold - Con.		
Land in farms acres	1,300,871	1,344,744	Crops, including nursery and greenhouse crops \$1,000	3,080	375
Average size of farm acres	30,253	32,799	Livestock, poultry, and their products \$1,000	4,336	4,851
Estimated market value of land and buildings \$1,000	634,716	599,151	Total farm production expenses ¹ \$1,000	4,957	7,698
Average per farm dollars	14,760,849	14,613,440	Average per farm dollars	115,283	187,745
Average per acre dollars	488	446	Government payments farms	4	6
Estimated market value of all machinery and equipment \$1,000	5,927	5,565	Average per farm \$1,000	278	9
Land in farms according to use:			Average per farm dollars	69,565	1,425
Total cropland farms	22	18	Total income from farm-related sources farms	6	25
Harvested cropland acres	3,356	3,317	Average per farm \$1,000	793	1,011
Other pasture and grazing land that could have been used for crops without additional improvements farms	2	2	Average per farm dollars	132,105	40,443
Other cropland acres	(D)	2,193	Tenure:		
Other cropland farms	6	(D)	Full owners farms	36	29
Other cropland acres	434	(D)	Part owners farms	3	3
Total woodland farms	-	-	Tenants farms	4	9
Woodland pastured acres	-	-	Farms by North American Industry Classification System:		
Woodland not pastured farms	-	-	Oilseed and grain farming (1111) farms	-	-
Woodland not pastured acres	-	-	Vegetable and melon farming (112) farms	6	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	22	24	Fruit and tree nut farming (1113) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured acres	(D)	(D)	Greenhouse, nursery, and floriculture production (1114) farms	3	4
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	17	18	Other crop farming (1119) farms	14	10
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. acres	(D)	(D)	Tobacco farming (1191) farms	-	-
Irrigated land farms	19	13	Cotton farming (1192) farms	-	-
Irrigated land acres	3,581	3,713	Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	14	10
Market value of agricultural products sold \$1,000	7,416	5,227	Beef cattle ranching and farming (11211) farms	6	7
Average per farm dollars	172,462	127,477	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	-	-
			Aquaculture and other animal production (1125, 1129) farms	13	19

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