

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	1,945	1,972	Renewable energy producing systems (see text) - Con.		
Solar panels farms	859	833	Geothermal/geoexchange systems farms	923	1,105
Wind turbines farms	263	166	Small hydro systems farms	7	7
Methane digesters farms	-	-	Wind rights leased to others farms	524	605

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	160	191	Market value of agricultural products sold - Con.		
Land in farms acres	2,893,030	2,659,985	Crops, including nursery and greenhouse crops \$1,000	11,317	6,403
Average size of farm acres	18,081	13,927	Livestock, poultry, and their products \$1,000	11,044	14,543
Estimated market value of land and buildings \$1,000	3,180,885	2,758,322	Total farm production expenses ¹ \$1,000	30,593	23,098
Average per farm dollars	19,880,534	14,441,477	Average per farm dollars	191,205	120,932
Average per acre dollars	1,099	1,037	Government payments farms	13	22
Estimated market value of all machinery and equipment \$1,000	28,503	21,269	Average per farm \$1,000	976	1,071
Land in farms according to use:			Average per farm dollars	75,109	48,691
Total cropland farms	91	128	Total income from farm-related sources farms	36	48
Harvested cropland acres	56,608	54,665	Average per farm \$1,000	36,593	31,255
Other pasture and grazing land that could have been used for crops without additional improvements farms	2	3	Average per farm dollars	1,016,459	651,147
Other cropland acres	(D)	2,427	Tenure:		
Other cropland farms	71	102	Full owners farms	127	160
Other cropland acres	25,301	36,724	Part owners farms	20	19
Total woodland farms	71	89	Tenants farms	13	12
Woodland pastured acres	85,604	87,660	Farms by North American Industry Classification System:		
Woodland not pastured acres	(D)	64,309	Oilseed and grain farming (1111) farms	15	14
Woodland not pastured farms	69	85	Vegetable and melon farming (1112) farms	-	-
Woodland not pastured acres	(D)	23,351	Fruit and tree nut farming (1113) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	132	150	Greenhouse, nursery, and floriculture production (1114) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured acres	2,518,614	2,299,824	Other crop farming (1119) farms	65	102
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	104	135	Tobacco farming (1191) farms	-	-
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. acres	232,204	217,836	Cotton farming (1192) farms	-	-
Irrigated land farms	7	6	Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	65	102
Irrigated land acres	462	749	Beef cattle ranching and farming (112111) farms	10	19
Market value of agricultural products sold \$1,000	22,361	20,947	Cattle feedlots (112112) farms	3	3
Average per farm dollars	139,754	109,669	Dairy cattle and milk production (11212) farms	2	2
			Hog and pig farming (1122) farms	1	1
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	2	2
			Aquaculture and other animal production (1125, 1129) farms	62	48

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