

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	4,134	4,161	Renewable energy producing systems (see text) - Con.		
Solar panels farms	3,116	2,857	Geothermal/geoeexchange systems farms	1,115	1,124
Wind turbines farms	132	204	Small hydro systems farms	55	62
Methane digesters farms	37	56	Wind rights leased to others farms	131	136

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	281	297	Market value of agricultural products sold - Con.		
Land in farms acres	83,418	89,856	Crops, including nursery and greenhouse crops \$1,000	7,011	5,671
Average size of farm acres	297	303	Livestock, poultry, and their products \$1,000	24,589	23,015
Estimated market value of land and buildings \$1,000	471,798	437,961	Total farm production expenses ¹ \$1,000	37,681	43,015
Average per farm dollars	1,678,996	1,474,617	Average per farm dollars	134,098	144,832
Average per acre dollars	5,656	4,874	Government payments farms	6	12
Estimated market value of all machinery and equipment \$1,000	27,186	32,163	Average per farm \$1,000	31	60
Land in farms according to use:			Average per farm dollars	5,233	5,030
Total cropland farms	86	95	Total income from farm-related sources farms	74	70
Harvested cropland acres	10,240	12,312	Average per farm \$1,000	6,514	1,620
Other pasture and grazing land that could have been used for crops without additional improvements farms	68	82	Average per farm dollars	88,025	23,146
Other cropland farms	7,240	7,504	Tenure:		
Other cropland acres	13	9	Full owners farms	247	246
Other cropland acres	380	323	Part owners farms	7	12
Other cropland acres	31	41	Tenants farms	27	39
Other cropland acres	2,620	4,485	Farms by North American Industry Classification System:		
Total woodland farms	62	81	Oilseed and grain farming (1111) farms	9	12
Woodland pastured farms	67,526	64,420	Vegetable and melon farming (1112) farms	6	7
Woodland pastured acres	6	13	Fruit and tree nut farming (1113) farms	6	6
Woodland not pastured farms	84	196	Greenhouse, nursery, and floriculture production (1114) farms	22	17
Woodland not pastured acres	60	76	Other crop farming (1119) farms	23	35
Woodland not pastured acres	67,442	64,224	Tobacco farming (1191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	35	63	Cotton farming (1192) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured acres	1,729	3,342	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	23	35
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	249	265	Beef cattle ranching and farming (112111) farms	2	7
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. acres	3,923	9,782	Cattle feedlots (112112) farms	-	1
Irrigated land farms	37	41	Dairy cattle and milk production (11212) farms	6	5
Irrigated land acres	325	564	Hog and pig farming (1122) farms	-	-
Market value of agricultural products sold \$1,000	31,600	28,686	Poultry and egg production (1123) farms	5	4
Average per farm dollars	112,454	96,585	Sheep and goat farming (1124) farms	2	3
			Aquaculture and other animal production (1125, 1129) farms	200	200

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