

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	769	616	Renewable energy producing systems (see text) - Con.		
Solar panels farms	745	466	Geothermal/geoexchange systems farms	39	48
Wind turbines farms	21	26	Small hydro systems farms	4	11
Methane digesters farms	2	3	Wind rights leased to others farms	7	-

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	39	42	Market value of agricultural products sold - Con.		
Land in farms acres	11,590	10,723	Crops, including nursery and greenhouse crops \$1,000	1,219	939
Average size of farm acres	297	255	Livestock, poultry, and their products \$1,000	8,276	4,050
Estimated market value of land and buildings \$1,000	67,333	67,356	Total farm production expenses ¹ \$1,000	6,980	4,766
Average per farm dollars	1,726,483	1,603,724	Average per farm dollars	178,968	113,465
Average per acre dollars	5,810	6,281	Government payments farms	2	3
Estimated market value of all machinery and equipment \$1,000	6,613	5,892	Average per farm \$1,000 (D)	(D)	20
Land in farms according to use:			Average per farm dollars (D)	(D)	6,657
Total cropland farms	24	26	Total income from farm-related sources farms	12	10
Harvested cropland farms	1,597	1,957	Average per farm \$1,000	508	323
Other pasture and grazing land that could have been used for crops without additional improvements farms	3	2	Average per farm dollars	42,350	32,334
Other cropland farms	(D)	(D)	Tenure:		
Other cropland acres	13	10	Full owners farms	31	29
Other cropland acres	(D)	(D)	Part owners farms	6	5
Total woodland farms	25	25	Tenants farms	2	8
Woodland pastured farms	8,739	7,720	Farms by North American Industry Classification System:		
Woodland not pastured farms	3	1	Oilseed and grain farming (1111) farms	-	-
Woodland not pastured acres	(D)	(D)	Vegetable and melon farming (112) farms	1	3
Permanent pasture and rangeland other than cropland and woodland pastured farms	12	10	Fruit and tree nut farming (1113) farms	3	-
Permanent pasture and rangeland other than cropland and woodland pastured acres	258	196	Greenhouse, nursery, and floriculture production (1114) farms	6	9
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	31	33	Other crop farming (1119) farms	11	6
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. acres	996	850	Tobacco farming (1191) farms	-	-
Irrigated land farms	16	9	Cotton farming (1192) farms	-	-
Irrigated land acres	52	24	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	11	6
Market value of agricultural products sold \$1,000	9,495	4,988	Beef cattle ranching and farming (11211) farms	-	2
Average per farm dollars	243,459	118,767	Cattle feedlots (11212) farms	-	-
			Dairy cattle and milk production (11212) farms	4	5
			Hog and pig farming (1122) farms	-	-
			Poultry and egg production (1123) farms	2	-
			Sheep and goat farming (1124) farms	3	3
			Aquaculture and other animal production (1125, 1129) farms	9	14

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