

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	1,478	1,355	Renewable energy producing systems (see text) - Con.		
Solar panels farms	1,403	1,240	Geothermal/geoexchange systems farms	128	160
Wind turbines farms	25	32	Small hydro systems farms	-	2
Methane digesters farms	5	3	Wind rights leased to others farms	8	15

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	68	56	Market value of agricultural products sold - Con.		
Land in farms acres	11,158	14,420	Crops, including nursery and greenhouse crops \$1,000	5,985	1,114
Average size of farm acres	164	258	Livestock, poultry, and their products \$1,000	5,470	3,601
Estimated market value of land and buildings \$1,000	246,420	175,855	Total farm production expenses ¹ \$1,000	14,185	14,055
Average per farm dollars	3,623,820	3,140,270	Average per farm dollars	208,602	250,977
Average per acre dollars	22,085	12,195	Government payments farms	-	3
Estimated market value of all machinery and equipment \$1,000	12,632	7,689	Average per farm \$1,000	-	10
Land in farms according to use:			Average per farm dollars	-	3,380
Total cropland farms	56	44	Total income from farm-related sources farms	23	26
Harvested cropland acres	4,096	3,876	Average per farm \$1,000	717	1,572
Other pasture and grazing land that could have been used for crops without additional improvements farms	7	7	Average per farm dollars	31,187	60,444
Other cropland acres	497	630	Tenure:		
Woodland farms	31	28	Full owners farms	62	52
Woodland pastured acres	2,804	5,738	Part owners farms	3	2
Woodland not pastured acres	64	130	Tenants farms	3	2
Permanent pasture and rangeland other than cropland and woodland pastured farms	36	30	Farms by North American Industry Classification System:		
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	2,545	1,951	Oilseed and grain farming (1111) farms	6	1
Irrigated land acres	59	119	Vegetable and melon farming (1112) farms	9	1
Market value of agricultural products sold \$1,000	11,454	4,715	Fruit and tree nut farming (1113) farms	4	3
Average per farm dollars	168,448	84,194	Greenhouse, nursery, and floriculture production (1114) farms	15	11
			Other crop farming (1119) farms	10	13
			Tobacco farming (1191) farms	-	-
			Cotton farming (1192) farms	-	-
			Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	10	13
			Beef cattle ranching and farming (11211) farms	5	3
			Cattle feedlots (11212) farms	-	3
			Dairy cattle and milk production (11212) farms	3	4
			Hog and pig farming (1122) farms	1	2
			Poultry and egg production (1123) farms	3	-
			Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) farms	12	15

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