

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	14,636	10,885	Renewable energy producing systems (see text) - Con.		
Solar panels farms	12,176	8,808	Geothermal/geoexchange systems farms	540	405
Wind turbines farms	2,243	2,027	Small hydro systems farms	378	117
Methane digesters farms	15	24	Wind rights leased to others farms	2,545	2,576

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	222	230	Market value of agricultural products sold - Con.		
Land in farms acres	409,951	468,602	Crops, including nursery and greenhouse crops \$1,000	28,977	30,403
Average size of farm acres	1,847	2,037	Livestock, poultry, and their products \$1,000	57,443	112,215
Estimated market value of land and buildings \$1,000	661,328	1,042,722	Total farm production expenses ¹ \$1,000	68,715	108,620
Average per farm dollars	2,978,955	4,533,574	Average per farm dollars	309,527	472,262
Average per acre dollars	1,613	2,225	Government payments farms	10	28
Estimated market value of all machinery and equipment \$1,000	55,950	44,503	Average per farm \$1,000	95	572
Land in farms according to use:			Average per farm dollars	9,497	20,418
Total cropland farms	131	147	Total income from farm-related sources farms	80	83
Harvested cropland acres	65,418	66,264	Average per farm \$1,000	4,266	6,221
Other pasture and grazing land that could have been used for crops without additional improvements farms	16	24	Average per farm dollars	53,323	74,950
Other cropland farms	60	71	Tenure:		
Woodland acres	13,258	13,778	Full owners farms	178	182
Total woodland farms	37	38	Part owners farms	23	35
Woodland pastured farms	7,583	13,687	Tenants farms	21	13
Woodland not pastured farms	21	16	Farms by North American Industry Classification System:		
Permanent pasture and rangeland other than cropland and woodland pastured farms	129	143	Oilseed and grain farming (1111) farms	6	14
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. acres	31,338	31,290	Vegetable and melon farming (1112) farms	10	9
Irrigated land farms	70	75	Fruit and tree nut farming (1113) farms	3	4
Market value of agricultural products sold \$1,000	86,420	142,618	Greenhouse, nursery, and floriculture production (1114) farms	8	12
Average per farm dollars	389,277	620,077	Other crop farming (1119) farms	67	53
			Tobacco farming (1191) farms	-	-
			Cotton farming (1192) farms	16	8
			Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	51	45
			Beef cattle ranching and farming (112111) farms	51	70
			Cattle feedlots (112112) farms	2	4
			Dairy cattle and milk production (11212) farms	-	-
			Hog and pig farming (1122) farms	14	12
			Poultry and egg production (1123) farms	5	4
			Sheep and goat farming (1124) farms	13	10
			Aquaculture and other animal production (1125, 1129) farms	43	38

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