

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	2,559	2,318	Renewable energy producing systems (see text) - Con.		
Solar panels farms	2,173	1,485	Geothermal/geoexchange systems farms	485	579
Wind turbines farms	35	87	Small hydro systems farms	75	59
Methane digesters farms	12	44	Wind rights leased to others farms	91	103

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	96	87	Market value of agricultural products sold - Con.		
Land in farms acres	59,874	44,350	Crops, including nursery and greenhouse crops \$1,000	8,048	4,568
Average size of farm acres	624	510	Livestock, poultry, and their products \$1,000	35,136	30,994
Estimated market value of land and buildings \$1,000	374,652	374,829	Total farm production expenses ¹ \$1,000	45,822	29,607
Average per farm dollars	3,902,627	4,308,375	Average per farm dollars	477,311	340,307
Average per acre dollars	6,257	8,452	Government payments farms	4	5
Estimated market value of all machinery and equipment \$1,000	24,164	18,946	Average per farm \$1,000 (D)	(D)	9
Land in farms according to use:			Average per farm dollars (D)	(D)	1,880
Total cropland farms	66	62	Total income from farm-related sources farms	39	26
Harvested cropland farms	14,778	12,892	Average per farm \$1,000	10,826	4,192
Other pasture and grazing land that could have been used for crops without additional improvements farms	6	13	Average per farm dollars	277,589	161,241
Other cropland farms	1,220	2,329	Tenure:		
Woodland farms	66	43	Full owners farms	77	65
Woodland pastured farms	19,753	13,343	Part owners farms	13	12
Woodland not pastured farms	12	10	Tenants farms	6	10
Permanent pasture and rangeland other than cropland and woodland pastured farms	55	41	Farms by North American Industry Classification System:		
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	82	65	Oilseed and grain farming (1111) farms	7	3
Irrigated land farms	22	17	Vegetable and melon farming (112) farms	5	2
Market value of agricultural products sold \$1,000	43,184	35,563	Fruit and tree nut farming (1113) farms	3	-
Average per farm dollars	449,837	408,767	Greenhouse, nursery, and floriculture production (1114) farms	7	14
			Other crop farming (1119) farms	12	12
			Tobacco farming (1191) farms	-	-
			Cotton farming (1192) farms	-	-
			Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	12	12
			Beef cattle ranching and farming (112111) farms	16	14
			Cattle feedlots (112112) farms	-	-
			Dairy cattle and milk production (11212) farms	4	1
			Hog and pig farming (1122) farms	-	1
			Poultry and egg production (1123) farms	1	-
			Sheep and goat farming (1124) farms	1	5
			Aquaculture and other animal production (1125, 1129) farms	40	35

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