

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	587	472	Renewable energy producing systems (see text) - Con.		
Solar panels farms	524	378	Geothermal/geoexchange systems farms	44	34
Wind turbines farms	23	20	Small hydro systems farms	15	14
Methane digesters farms	2	-	Wind rights leased to others farms	44	65

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	32	27	Market value of agricultural products sold - Con.		
Land in farms acres	29,614	29,015	Crops, including nursery and greenhouse crops \$1,000	8,801	5,039
Average size of farm acres	925	1,075	Livestock, poultry, and their products \$1,000	4,282	2,415
Estimated market value of land and buildings \$1,000	80,084	88,721	Total farm production expenses ¹ \$1,000	11,871	7,842
Average per farm dollars	2,502,633	3,285,978	Average per farm dollars	370,955	290,444
Average per acre dollars	2,704	3,058	Government payments farms	1	9
Estimated market value of all machinery and equipment \$1,000	10,563	9,772	Average per farm \$1,000 (D)	(D)	149
Land in farms according to use:			Average per farm dollars (D)	(D)	16,533
Total cropland farms	29	24	Total income from farm-related sources farms	8	12
Harvested cropland farms	13,848	10,948	Average per farm \$1,000 (D)	(D)	1,173
Other pasture and grazing land that could have been used for crops without additional improvements farms	2	6	Average per farm dollars (D)	(D)	97,782
Other cropland farms	12	13	Tenure:		
Other cropland acres	(D)	625	Full owners farms	28	23
Total woodland farms	13	14	Part owners farms	3	2
Woodland pastured farms	5	2	Tenants farms	1	2
Woodland not pastured farms	11	14	Farms by North American Industry Classification System:		
Woodland not pastured acres	4,878	(D)	Oilseed and grain farming (1111) farms	8	5
Permanent pasture and rangeland other than cropland and woodland pastured farms	11	8	Vegetable and melon farming (112) farms	2	1
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	26	19	Fruit and tree nut farming (113) farms	3	-
Irrigated land farms	10	10	Greenhouse, nursery, and floriculture production (114) farms	1	-
Irrigated land acres	1,543	4,474	Other crop farming (119) farms	5	12
Market value of agricultural products sold \$1,000	13,083	7,455	Tobacco farming (1191) farms	-	-
Average per farm dollars	408,845	276,105	Cotton farming (1192) farms	-	-
			Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	5	12
			Beef cattle ranching and farming (11211) farms	8	6
			Cattle feedlots (11212) farms	-	-
			Dairy cattle and milk production (11212) farms	1	1
			Hog and pig farming (1122) farms	-	-
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) farms	4	2

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