

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	3,508	2,845	Renewable energy producing systems (see text) - Con.		
Solar panels farms	3,141	2,441	Geothermal/geoexchange systems farms	309	332
Wind turbines farms	144	162	Small hydro systems farms	61	58
Methane digesters farms	15	10	Wind rights leased to others farms	124	142

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	112	101	Market value of agricultural products sold - Con.		
Land in farms acres	612,795	1,052,444	Crops, including nursery and greenhouse crops \$1,000	8,564	3,842
Average size of farm acres	5,471	10,420	Livestock, poultry, and their products \$1,000	24,546	27,627
Estimated market value of land and buildings \$1,000	838,212	543,460	Total farm production expenses ¹ \$1,000	31,147	32,334
Average per farm dollars	7,484,035	5,380,793	Average per farm dollars	278,099	320,143
Average per acre dollars	1,368	516	Government payments farms	4	3
Estimated market value of all machinery and equipment \$1,000	22,280	19,935	Average per farm \$1,000	465	(D)
Land in farms according to use:			Average per farm dollars	116,304	(D)
Total cropland farms	59	50	Total income from farm-related sources farms	44	40
Harvested cropland farms	30,101	18,340	Average per farm \$1,000	1,870	606
Other pasture and grazing land that could have been used for crops without additional improvements farms	4	2	Average per farm dollars	42,497	15,146
Other cropland farms	(D)	(D)	Tenure:		
Other cropland acres	19	15	Full owners farms	75	73
Other cropland acres	(D)	(D)	Part owners farms	10	11
Total woodland farms	6	9	Tenants farms	27	17
Woodland pastured farms	1	3	Farms by North American Industry Classification System:		
Woodland not pastured farms	5	6	Oilseed and grain farming (1111)	7	3
Permanent pasture and rangeland other than cropland and woodland pastured farms	23	23	Vegetable and melon farming (112)	1	4
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	78	70	Fruit and tree nut farming (1113)	12	8
Irrigated land farms	55	44	Greenhouse, nursery, and floriculture production (1114)	26	21
Irrigated land acres	18,320	3,455	Other crop farming (1119)	8	6
Market value of agricultural products sold \$1,000	33,110	31,469	Tobacco farming (1191)	-	-
Average per farm dollars	295,622	311,579	Cotton farming (1192)	-	-
			Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	8	6
			Beef cattle ranching and farming (11211)	7	6
			Cattle feedlots (11212)	2	1
			Dairy cattle and milk production (11212)	1	1
			Hog and pig farming (1122)	2	1
			Poultry and egg production (1123)	-	-
			Sheep and goat farming (1124)	-	-
			Aquaculture and other animal production (1125, 1129)	46	50

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