

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	1,682	1,232	Renewable energy producing systems (see text) - Con.		
Solar panels farms	1,427	944	Geothermal/geoexchange systems farms	191	184
Wind turbines farms	99	138	Small hydro systems farms	82	70
Methane digesters farms	10	4	Wind rights leased to others farms	83	85

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	93	99	Market value of agricultural products sold - Con.		
Land in farms acres	890,967	477,127	Crops, including nursery and greenhouse crops \$1,000	8,988	3,549
Average size of farm acres	9,580	4,819	Livestock, poultry, and their products \$1,000	28,140	29,040
Estimated market value of land and buildings \$1,000	1,235,342	568,250	Total farm production expenses ¹ \$1,000	37,876	33,581
Average per farm dollars	13,283,249	5,739,901	Average per farm dollars	407,265	339,199
Average per acre dollars	1,387	1,191	Government payments farms	8	12
Estimated market value of all machinery and equipment \$1,000	16,420	12,524	Average per farm \$1,000	1,652	442
Land in farms according to use:			Average per farm dollars	206,478	36,835
Total cropland farms	35	34	Total income from farm-related sources farms	29	22
Harvested cropland farms	33	29	Average per farm \$1,000	7,518	3,090
Other pasture and grazing land that could have been used for crops without additional improvements farms	2	3	Average per farm dollars	259,235	140,436
Other cropland farms	14	15	Tenure:		
Woodland farms	8	8	Full owners farms	70	84
Woodland pastured farms	3	2	Part owners farms	18	8
Woodland not pastured farms	5	7	Tenants farms	5	7
Permanent pasture and rangeland other than cropland and woodland pastured farms	39	34	Farms by North American Industry Classification System:		
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	46	58	Oilseed and grain farming (1111) farms	3	4
Irrigated land farms	37	31	Vegetable and melon farming (112) farms	8	6
Market value of agricultural products sold \$1,000	37,128	32,589	Fruit and tree nut farming (1113) farms	1	1
Average per farm dollars	399,226	329,182	Greenhouse, nursery, and floriculture production (1114) farms	10	11
			Other crop farming (1119) farms	7	9
			Tobacco farming (1191) farms	-	-
			Cotton farming (1192) farms	-	-
			Sugarcane farming, hay farming, and all other crop farming (1193, 11194, 11199) farms	7	9
			Beef cattle ranching and farming (11211) farms	9	5
			Cattle feedlots (11212) farms	-	-
			Dairy cattle and milk production (11212) farms	-	2
			Hog and pig farming (1122) farms	-	-
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	1	1
			Aquaculture and other animal production (1125, 1129) farms	54	60

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