

Table 49. Renewable Energy: 2017 and 2012

[For meaning of abbreviations and symbols, see introductory text.]

Item	2017	2012	Item	2017	2012
Renewable energy producing systems farms	4,007	1,407	Renewable energy producing systems - Con.		
Solar panels farms	2,612	939	Small hydro systems farms	34	20
Wind turbines farms	791	333	Biodiesel production systems (see text) farms	22	-
Methane digesters farms	1	-	Ethanol production systems (see text) farms	29	-
Geothermal/geoexchange systems (see text) farms	812	163	Other farms	6	41
			Wind rights leased to others farms	2,167	727

Table 50. Institutional, Research, Experimental, and American Indian Reservation Farms: 2017 and 2012

[For meaning of abbreviations and symbols, see introductory text.]

Characteristics	2017	2012	Characteristics	2017	2012
Farms number	125	100	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	306,689	277,808	Crops, including nursery and greenhouse crops \$1,000	3,854	3,424
Average size of farm acres	2,454	2,778	Livestock, poultry, and their products \$1,000	31,689	22,306
Estimated market value of land and buildings \$1,000	501,629	324,591	Total farm production expenses \$1,000	32,599	40,535
Average per farm dollars	4,013,033	3,245,909	Average per farm dollars	260,796	405,354
Average per acre dollars	1,636	1,168	Government payments ¹ (see text) farms	18	27
Estimated market value of all machinery and equipment \$1,000	22,665	22,095 \$1,000	426	112
Land in farms according to use:			Average per farm dollars	23,663	4,152
Total cropland farms	85	71	Total income from farm-related sources farms	37	40
..... acres	44,095	32,571 \$1,000	1,613	897
Harvested cropland farms	76	61	Average per farm dollars	43,582	22,427
..... acres	23,160	16,731	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvements farms	12	7	Full owners farms	99	74
..... acres	14,972	(D)	Part owners farms	20	16
Other cropland farms	28	26	Tenants farms	6	10
..... acres	5,963	(D)	Farms by North American Industry Classification System:		
Total woodland farms	37	33	Oilseed and grain farming (1111) farms	14	12
..... acres	93,589	54,201	Vegetable and melon farming (1112) farms	-	1
Woodland pastured farms	20	15	Fruit and tree nut farming (1113) farms	3	4
..... acres	21,091	16,968	Greenhouse, nursery, and floriculture production (1114) farms	4	7
Woodland not pastured farms	29	24	Other crop farming (1119) farms	33	25
..... acres	72,498	37,233	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	76	67	Cotton farming (11192) farms	4	-
..... acres	160,356	167,590	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	29	25
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	81	72	Beef cattle ranching and farming (112111) farms	35	22
..... acres	8,649	23,446	Cattle feedlots (112112) farms	1	-
Irrigated land farms	20	25	Dairy cattle and milk production (11212) farms	2	2
..... acres	1,753	1,293	Hog and pig farming (1122) farms	5	1
Market value of agricultural products sold (see text) \$1,000	35,543	25,730	Poultry and egg production (1123) farms	-	2
Average per farm dollars	284,342	257,296	Sheep and goat farming (1124) farms	11	6
			Aquaculture and other animal production (1125, 1129) (see text) farms	17	18

¹ Data for 2012 include loan deficiency payments, marketing loan gains, and net value of commodity certificates.