

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	1,355	591	Renewable energy producing systems - Con.		
Solar panels farms	1,240	543	Small hydro systems farms	2	1
Wind turbines farms	32	17	Biodiesel production systems (see text) farms	12	11
Methane digesters farms	3	-	Ethanol production systems (see text) farms	6	1
Geothermal/geoexchange systems (see text) farms	160	43	Other farms	9	2
			Wind rights leased to others farms	15	5

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	56	49	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	14,420	12,517	Crops, including nursery and greenhouse crops \$1,000	1,114	3,404
Average size of farm acres	258	255	Livestock, poultry, and their products \$1,000	3,601	3,396
Estimated market value of land and buildings \$1,000	175,855	147,494	Total farm production expenses \$1,000	14,055	12,146
Average per farm dollars	3,140,270	3,010,090	Average per farm dollars	250,977	247,887
Average per acre dollars	12,195	11,784	Government payments ¹ (see text) farms	3	2
Estimated market value of all machinery and equipment \$1,000	7,689	4,977 \$1,000	10	(D)
Land in farms according to use:			Average per farm dollars	3,380	(D)
Total cropland farms	44	36	Total income from farm-related sources farms	26	18
Harvested cropland farms	39	31 \$1,000	1,572	1,002
Other pasture and grazing land that could have been used for crops without additional improvements farms	7	3	Average per farm dollars	60,444	55,664
..... acres	630	(D)	Tenure of producer (see text):		
Other cropland farms	20	16	Full owners farms	52	42
..... acres	909	(D)	Part owners farms	2	5
Total woodland farms	28	30	Tenants farms	2	2
Woodland pastured farms	5	5	Farms by North American Industry Classification System:		
Woodland not pastured farms	27	29	Oilseed and grain farming (1111) farms	1	1
..... acres	5,608	5,533	Vegetable and melon farming (1112) farms	1	1
Permanent pasture and rangeland other than cropland and woodland pastured farms	30	26	Fruit and tree nut farming (1113) farms	3	4
..... acres	2,855	1,218	Greenhouse, nursery, and floriculture production (1114) farms	11	12
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	42	42	Other crop farming (1119) farms	13	11
Irrigated land farms	10	13	Tobacco farming (11191) farms	-	-
..... acres	119	206	Cotton farming (11192) farms	-	-
Market value of agricultural products sold (see text) \$1,000	4,715	6,800	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	13	11
Average per farm dollars	84,194	138,781	Beef cattle ranching and farming (112111) farms	3	2
			Cattle feedlots (112112) farms	3	-
			Dairy cattle and milk production (11212) farms	4	3
			Hog and pig farming (1122) farms	2	-
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) (see text) farms	15	15

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