

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	472	275	Renewable energy producing systems - Con.		
Solar panels farms	378	225	Small hydro systems farms	14	6
Wind turbines farms	20	16	Biodiesel production systems (see text) farms	24	1
Methane digesters farms	-	6	Ethanol production systems (see text) farms	33	14
Geothermal/geoexchange systems (see text) farms	34	23	Other farms	-	-
			Wind rights leased to others farms	65	4

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	27	27	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	29,015	29,030	Crops, including nursery and greenhouse crops \$1,000	5,039	6,595
Average size of farm acres	1,075	1,075	Livestock, poultry, and their products \$1,000	2,415	2,575
Estimated market value of land and buildings \$1,000	88,721	57,156	Total farm production expenses \$1,000	7,842	9,172
Average per farm dollars	3,285,978	2,116,884	Average per farm dollars	290,444	339,709
Average per acre dollars	3,058	1,969	Government payments ¹ (see text) farms	9	6
Estimated market value of all machinery and equipment \$1,000	9,772	9,536 \$1,000	149	13
Land in farms according to use:			Average per farm dollars	16,533	2,141
Total cropland farms	24	23	Total income from farm-related sources farms	12	9
..... acres	10,948	13,021 \$1,000	1,173	(D)
Harvested cropland farms	20	23	Average per farm dollars	97,782	(D)
..... acres	8,524	11,168	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvements farms	6	5	Full owners farms	23	21
..... acres	625	600	Part owners farms	2	3
Other cropland farms	13	14	Tenants farms	2	3
..... acres	1,799	1,253	Farms by North American Industry Classification System:		
Total woodland farms	14	14	Oilseed and grain farming (1111) farms	5	5
..... acres	7,490	5,131	Vegetable and melon farming (1112) farms	1	-
Woodland pastured farms	2	4	Fruit and tree nut farming (1113) farms	-	1
..... acres	(D)	148	Greenhouse, nursery, and floriculture production (1114) farms	-	5
Woodland not pastured farms	14	14	Other crop farming (1119) farms	12	8
..... acres	(D)	4,983	Tobacco farming (1191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	8	12	Cotton farming (1192) farms	-	-
..... acres	5,907	8,049	Sugarcane farming, hay farming, and all other crop farming (1193, 1194, 1199) farms	12	8
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	19	23	Beef cattle ranching and farming (112111) farms	6	4
..... acres	4,670	2,829	Cattle feedlots (112112) farms	-	-
Irrigated land farms	10	13	Dairy cattle and milk production (11212) farms	1	1
..... acres	4,474	(D)	Hog and pig farming (1122) farms	-	1
Market value of agricultural products sold (see text) \$1,000	7,455	9,170	Poultry and egg production (1123) farms	-	-
Average per farm dollars	276,105	339,644	Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) (see text) farms	2	2

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