

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	1,193	416	Renewable energy producing systems - Con.		
Solar panels farms	894	284	Small hydro systems farms	12	3
Wind turbines farms	43	29	Biodiesel production systems (see text) farms	16	45
Methane digesters farms	6	2	Ethanol production systems (see text) farms	34	21
Geothermal/geoexchange systems (see text) farms	294	83	Other farms	31	4
			Wind rights leased to others farms	24	11

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	31	39	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	14,631	15,758	Crops, including nursery and greenhouse crops \$1,000	2,902	2,894
Average size of farm acres	472	404	Livestock, poultry, and their products \$1,000	9,596	7,125
Estimated market value of land and buildings \$1,000	103,889	147,579	Total farm production expenses \$1,000	10,047	10,168
Average per farm dollars	3,351,263	3,784,088	Average per farm dollars	324,104	260,730
Average per acre dollars	7,101	9,365	Government payments ¹ (see text) farms	3	11
Estimated market value of all machinery and equipment \$1,000	8,815	8,308 \$1,000	(D)	126
Land in farms according to use:			Average per farm dollars	(D)	11,447
Total cropland farms	22	29	Total income from farm-related sources farms	12	12
..... acres	4,308	5,928 \$1,000	255	242
Harvested cropland farms	22	20	Average per farm dollars	21,276	20,206
..... acres	3,952	4,025	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvements farms	-	2	Full owners farms	23	33
..... acres	-	(D)	Part owners farms	6	3
Other cropland farms	6	11	Tenants farms	2	3
..... acres	356	(D)	Farms by North American Industry Classification System:		
Total woodland farms	20	19	Oilseed and grain farming (1111) farms	7	8
..... acres	6,056	5,524	Vegetable and melon farming (1112) farms	2	2
Woodland pastured farms	2	2	Fruit and tree nut farming (1113) farms	1	-
..... acres	(D)	(D)	Greenhouse, nursery, and floriculture production (1114) farms	5	3
Woodland not pastured farms	20	18	Other crop farming (1119) farms	4	13
..... acres	(D)	(D)	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	13	11	Cotton farming (11192) farms	-	-
..... acres	902	1,159	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	4	13
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	28	26	Beef cattle ranching and farming (112111) farms	2	1
..... acres	3,365	3,147	Cattle feedlots (112112) farms	-	-
Irrigated land farms	13	14	Dairy cattle and milk production (11212) farms	1	1
..... acres	160	252	Hog and pig farming (1122) farms	-	1
Market value of agricultural products sold (see text) \$1,000	12,498	10,018	Poultry and egg production (1123) farms	-	1
Average per farm dollars	403,166	256,876	Sheep and goat farming (1124) farms	2	2
			Aquaculture and other animal production (1125, 1129) (see text) farms	7	7

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