

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 systemsfarms	1,232	561	Renewable energy producing systems - Con.		
Solar panelsfarms	944	335	Small hydro systemsfarms	70	64
Wind turbinesfarms	138	122	Biodiesel production systems (see text)farms	4	16
Methane digestersfarms	4	8	Ethanol production systems (see text)farms	5	19
Geothermal/geoexchange systems (see text)farms	184	72	Otherfarms	3	4
			Wind rights leased to othersfarms	85	61

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	99	76	Market value of agricultural products sold (see text) - Con.		
Land in farmsacres	477,127	756,220	Crops, including nursery and greenhouse crops \$1,000	3,549	6,263
Average size of farmacres	4,819	9,950	Livestock, poultry, and their products \$1,000	29,040	11,470
Estimated market value of land and buildings\$1,000	568,250	891,837	Total farm production expenses \$1,000	33,581	22,318
Average per farmdollars	5,739,901	11,734,692	Average per farmdollars	339,199	293,657
Average per acredollars	1,191	1,179	Government payments ¹ (see text)farms	12	9
Estimated market value of all machinery and equipment\$1,000	12,524	17,935 \$1,000	442	520
Land in farms according to use:			Average per farmdollars	36,835	57,744
Total croplandfarms	34	23	Total income from farm-related sourcesfarms	22	27
.....acres	(D)	22,074 \$1,000	3,090	11,795
Harvested croplandfarms	29	17	Average per farmdollars	140,436	436,835
.....acres	(D)	7,307	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvementsfarms	3	-	Full ownersfarms	84	64
.....acres	(D)	-	Part ownersfarms	8	7
Other croplandfarms	15	11	Tenantsfarms	7	5
.....acres	10,870	14,767	Farms by North American Industry Classification System:		
Total woodlandfarms	8	6	Oilseed and grain farming (1111)farms	4	3
.....acres	(D)	(D)	Vegetable and melon farming (1112)farms	6	2
Woodland pasturedfarms	2	3	Fruit and tree nut farming (1113)farms	1	-
.....acres	(D)	(D)	Greenhouse, nursery, and floriculture production (1114)farms	11	4
Woodland not pasturedfarms	7	4	Other crop farming (1119)farms	9	12
.....acres	(D)	(D)	Tobacco farming (11191)farms	-	-
Permanent pasture and rangeland other than cropland and woodland pasturedfarms	34	35	Cotton farming (11192)farms	-	-
.....acres	393,692	689,554	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)farms	9	12
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.farms	58	41	Beef cattle ranching and farming (112111)farms	5	3
.....acres	(D)	(D)	Cattle feedlots (112112)farms	-	-
Irrigated landfarms	31	22	Dairy cattle and milk production (11212)farms	2	-
.....acres	5,316	8,308	Hog and pig farming (1122)farms	-	-
Market value of agricultural products sold (see text)\$1,000	32,589	17,733	Poultry and egg production (1123)farms	-	-
Average per farmdollars	329,182	233,326	Sheep and goat farming (1124)farms	1	1
			Aquaculture and other animal production (1125, 1129) (see text)farms	60	51

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