

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	831	307	Renewable energy producing systems - Con.		
Solar panelsfarms	622	215	Small hydro systemsfarms	16	11
Wind turbinesfarms	23	7	Biodiesel production systems (see text)farms	21	43
Methane digestersfarms	12	3	Ethanol production systems (see text)farms	33	33
Geothermal/geoexchange systems (see text)farms	100	32	Otherfarms	64	13
			Wind rights leased to othersfarms	70	6

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	21	29	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	28,421	32,014	Crops, including nursery and greenhouse crops \$1,000	2,856	4,553
Average size of farm acres	1,353	1,104	Livestock, poultry, and their products \$1,000	8,738	4,809
Estimated market value of land and buildings\$1,000	101,009	118,036	Total farm production expenses \$1,000	15,728	11,037
Average per farm dollars	4,809,954	4,070,210	Average per farm dollars	748,958	380,584
Average per acre dollars	3,554	3,687	Government payments ¹ (see text) farms	5	5
Estimated market value of all machinery and equipment\$1,000	18,443	8,721 \$1,000	25	37
Land in farms according to use:			Average per farm dollars	5,004	7,390
Total croplandfarms	14	15	Total income from farm-related sources farms	13	10
Harvested croplandfarms	14	13 \$1,000	781	(D)
Other pasture and grazing land that could have been used for crops without additional improvementsfarms	-	2	Average per farm dollars	60,097	(D)
..... acres	-	(D)	Tenure of producer (see text):		
Other croplandfarms	6	6	Full owners farms	16	25
..... acres	2,247	(D)	Part owners farms	4	4
Total woodlandfarms	13	20	Tenants farms	1	-
Woodland pasturedfarms	5	5	Farms by North American Industry Classification System:		
Woodland not pasturedfarms	12	18	Oilseed and grain farming (1111) farms	2	1
..... acres	9,297	6,667	Vegetable and melon farming (1112) farms	2	2
Permanent pasture and rangeland other than cropland and woodland pasturedfarms	9	14	Fruit and tree nut farming (1113) farms	-	1
..... acres	5,448	3,707	Greenhouse, nursery, and floriculture production (1114) farms	2	2
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.farms	17	27	Other crop farming (1119) farms	4	7
Irrigated landfarms	9	9	Tobacco farming (11191) farms	-	-
..... acres	2,263	928	Cotton farming (11192) farms	-	-
Market value of agricultural products sold (see text)\$1,000	11,595	9,361	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	4	7
Average per farm dollars	552,122	322,801	Beef cattle ranching and farming (11211) farms	4	7
			Cattle feedlots (11212) farms	-	-
			Dairy cattle and milk production (11212) farms	1	1
			Hog and pig farming (1122) farms	-	-
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	-	1
			Aquaculture and other animal production (1125, 1129) (see text) farms	6	7

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