

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	5,042	3,046	Renewable energy producing systems - Con.		
Solar panelsfarms	1,205	423	Small hydro systemsfarms	55	23
Wind turbinesfarms	989	672	Biodiesel production systems (see text)farms	431	1,247
Methane digestersfarms	54	18	Ethanol production systems (see text)farms	385	903
Geothermal/geoexchange systems (see text)farms	2,557	769	Otherfarms	11	16
			Wind rights leased to othersfarms	1,009	806

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	145	156	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	30,819	33,888	Crops, including nursery and greenhouse crops \$1,000	16,203	7,470
Average size of farm acres	213	217	Livestock, poultry, and their products \$1,000	14,284	25,458
Estimated market value of land and buildings\$1,000	237,299	215,167	Total farm production expenses \$1,000	29,004	33,387
Average per farm dollars	1,636,543	1,379,272	Average per farm dollars	200,030	214,020
Average per acre dollars	7,700	6,349	Government payments ¹ (see text) farms	43	49
Estimated market value of all machinery and equipment\$1,000	19,871	25,429 \$1,000	195	181
Land in farms according to use:			Average per farm dollars	4,533	3,691
Total croplandfarms	129	143	Total income from farm-related sources farms	33	53
..... acres	13,969	16,193 \$1,000	1,228	2,573
Harvested croplandfarms	107	115	Average per farm dollars	37,225	48,553
..... acres	12,355	12,340	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvementsfarms	3	6	Full owners farms	92	95
..... acres	97	80	Part owners farms	14	21
Other croplandfarms	45	44	Tenants farms	39	40
..... acres	1,517	3,773	Farms by North American Industry Classification System:		
Total woodlandfarms	21	29	Oilseed and grain farming (1111) farms	83	89
..... acres	8,137	8,156	Vegetable and melon farming (1112) farms	4	3
Woodland pasturedfarms	2	2	Fruit and tree nut farming (1113) farms	1	-
..... acres	(D)	(D)	Greenhouse, nursery, and floriculture production (1114) farms	6	11
Woodland not pasturedfarms	19	27	Other crop farming (1119) farms	32	31
..... acres	(D)	(D)	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pasturedfarms	16	20	Cotton farming (11192) farms	-	-
..... acres	5,379	5,453	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	32	31
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.farms	55	62	Beef cattle ranching and farming (11211) farms	3	7
..... acres	3,334	4,086	Cattle feedlots (11212) farms	1	-
Irrigated landfarms	24	34	Dairy cattle and milk production (11212) farms	-	-
..... acres	353	570	Hog and pig farming (1122) farms	4	-
Market value of agricultural products sold (see text)\$1,000	30,487	32,929	Poultry and egg production (1123) farms	2	4
Average per farm dollars	210,253	211,082	Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) (see text) farms	9	11

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