

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	3,029	1,239	Renewable energy producing systems - Con.		
Solar panelsfarms	1,879	763	Small hydro systemsfarms	21	24
Wind turbinesfarms	612	264	Biodiesel production systems (see text)farms	-	-
Methane digestersfarms	-	9	Ethanol production systems (see text)farms	-	-
Geothermal/geoexchange systems (see text)farms	680	198	Otherfarms	3	44
			Wind rights leased to othersfarms	1,604	735

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	73	60	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	74,640	70,411	Crops, including nursery and greenhouse crops \$1,000	6,297	5,486
Average size of farm acres	1,022	1,174	Livestock, poultry, and their products \$1,000	6,990	10,976
Estimated market value of land and buildings\$1,000	133,898	104,999	Total farm production expenses \$1,000	16,841	19,492
Average per farm dollars	1,834,213	1,749,991	Average per farm dollars	230,692	324,873
Average per acre dollars	1,794	1,491	Government payments ¹ (see text) farms	20	25
Estimated market value of all machinery and equipment\$1,000	24,965	18,390 \$1,000	493	212
Land in farms according to use:			Average per farm dollars	24,630	8,467
Total croplandfarms	62	53	Total income from farm-related sources farms	26	24
..... acres	24,584	20,485 \$1,000	297	2,188
Harvested croplandfarms	58	39	Average per farm dollars	11,410	91,174
..... acres	17,486	15,263	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvementsfarms	3	1	Full ownersfarms	48	42
..... acres	(D)	(D)	Part ownersfarms	17	10
Other croplandfarms	35	32	Tenantsfarms	8	8
..... acres	(D)	(D)	Farms by North American Industry Classification System:		
Total woodlandfarms	16	12	Oilseed and grain farming (1111)farms	31	24
..... acres	4,397	3,765	Vegetable and melon farming (1112)farms	1	2
Woodland pasturedfarms	3	3	Fruit and tree nut farming (1113)farms	2	1
..... acres	314	(D)	Greenhouse, nursery, and floriculture production (1114)farms	6	2
Woodland not pasturedfarms	15	11	Other crop farming (1119)farms	12	15
..... acres	4,083	(D)	Tobacco farming (11191)farms	-	-
Permanent pasture and rangeland other than cropland and woodland pasturedfarms	30	24	Cotton farming (11192)farms	-	-
..... acres	39,894	42,289	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)farms	12	15
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.farms	48	39	Beef cattle ranching and farming (11211)farms	9	6
..... acres	5,765	3,872	Cattle feedlots (11212)farms	5	1
Irrigated landfarms	29	16	Dairy cattle and milk production (11212)farms	1	2
..... acres	1,774	1,079	Hog and pig farming (1122)farms	-	-
Market value of agricultural products sold (see text)\$1,000	13,286	16,462	Poultry and egg production (1123)farms	-	-
Average per farm dollars	182,006	274,365	Sheep and goat farming (1124)farms	-	-
			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.