

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	1,320	631	Renewable energy producing systems - Con.		
Solar panels farms	1,137	537	Small hydro systems farms	5	4
Wind turbines farms	89	83	Biodiesel production systems (see text) farms	5	33
Methane digesters farms	28	14	Ethanol production systems (see text) farms	3	1
Geothermal/geoexchange systems (see text) farms	21	13	Other farms	122	22
			Wind rights leased to others farms	12	2

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	44	49	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	8,243	7,470	Crops, including nursery and greenhouse crops \$1,000	406	793
Average size of farm acres	187	152	Livestock, poultry, and their products \$1,000	2,235	3,347
Estimated market value of land and buildings \$1,000	36,661	32,141	Total farm production expenses \$1,000	4,144	6,146
Average per farm dollars	833,198	655,946	Average per farm dollars	94,171	125,436
Average per acre dollars	4,447	4,303	Government payments ¹ (see text) farms	2	4
Estimated market value of all machinery and equipment \$1,000	4,709	6,009 \$1,000	(D)	72
Land in farms according to use:			Average per farm dollars	(D)	18,011
Total cropland farms	32	34	Total income from farm-related sources farms	9	12
Harvested cropland farms	30	28 \$1,000	205	205
Other pasture and grazing land that could have been used for crops without additional improvements farms	6	6	Average per farm dollars	22,756	17,045
..... (D)	(D)	225	Tenure of producer (see text):		
Other cropland farms	11	12	Full owners farms	35	35
..... (D)	(D)	222	Part owners farms	7	10
Total woodland farms	29	27	Tenants farms	2	4
Woodland pastured farms	10	2	Farms by North American Industry Classification System:		
Woodland not pastured farms	26	27	Oilseed and grain farming (1111) farms	-	-
..... (D)	(D)	222	Vegetable and melon farming (1112) farms	2	3
Permanent pasture and rangeland other than cropland and woodland pastured farms	18	19	Fruit and tree nut farming (1113) farms	2	2
..... acres	656	632	Greenhouse, nursery, and floriculture production (1114) farms	7	5
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	37	36	Other crop farming (1119) farms	10	21
Irrigated land farms	7	7	Tobacco farming (11191) farms	-	-
..... acres	19	22	Cotton farming (11192) farms	-	-
Market value of agricultural products sold (see text) \$1,000	2,641	4,140	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	10	21
Average per farm dollars	60,020	84,485	Beef cattle ranching and farming (112111) farms	-	-
			Cattle feedlots (112112) farms	-	-
			Dairy cattle and milk production (11212) farms	3	4
			Hog and pig farming (1122) farms	-	-
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	1	2
			Aquaculture and other animal production (1125, 1129) (see text) farms	19	12

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