

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	832	464	Renewable energy producing systems - Con.		
Solar panels farms	709	358	Small hydro systems farms	15	-
Wind turbines farms	69	125	Biodiesel production systems (see text) farms	17	29
Methane digesters farms	3	1	Ethanol production systems (see text) farms	11	4
Geothermal/geoexchange systems (see text) farms	36	17	Other farms	55	13
			Wind rights leased to others farms	37	31

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	41	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	9,731	8,325	Crops, including nursery and greenhouse crops \$1,000	1,307	936
Average size of farm acres	221	203	Livestock, poultry, and their products \$1,000	7,522	5,563
Estimated market value of land and buildings \$1,000	40,131	28,226	Total farm production expenses \$1,000	9,445	9,430
Average per farm dollars	912,061	688,443	Average per farm dollars	214,654	230,009
Average per acre dollars	4,124	3,391	Government payments ¹ (see text) farms	3	2
Estimated market value of all machinery and equipment \$1,000	5,011	5,112	Average per farm dollars	1,086	(D)
Land in farms according to use:			Total income from farm-related sources farms	15	10
Total cropland farms	28	24	Average per farm dollars	36,650	17,448
Harvested cropland farms	28	21	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvements farms	5	4	Full owners farms	40	38
Other cropland farms	14	8	Part owners farms	4	3
Total woodland farms	29	22	Tenants farms	-	-
Woodland pastured farms	3	5	Farms by North American Industry Classification System:		
Woodland not pastured farms	250	43	Oilseed and grain farming (1111) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	10	12	Vegetable and melon farming (1112) farms	8	6
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	34	31	Fruit and tree nut farming (1113) farms	7	2
Irrigated land farms	13	13	Greenhouse, nursery, and floriculture production (1114) farms	5	6
Market value of agricultural products sold (see text) \$1,000	8,829	6,499	Other crop farming (1119) farms	5	7
Average per farm dollars	200,657	158,514	Tobacco farming (11191) farms	-	-
			Cotton farming (11192) farms	-	-
			Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	5	7
			Beef cattle ranching and farming (112111) farms	3	1
			Cattle feedlots (112112) farms	-	-
			Dairy cattle and milk production (11212) farms	2	2
			Hog and pig farming (1122) farms	-	1
			Poultry and egg production (1123) farms	-	-
			Sheep and goat farming (1124) farms	-	-
			Aquaculture and other animal production (1125, 1129) (see text) farms	14	16

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