

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	3,591	1,702	Renewable energy producing systems - Con.		
Solar panels farms	1,107	397	Small hydro systems farms	11	8
Wind turbines farms	888	592	Biodiesel production systems (see text) farms	1	5
Methane digesters farms	9	7	Ethanol production systems (see text) farms	2	1
Geothermal/geoexchange systems (see text) farms	1,822	724	Other farms	42	22
			Wind rights leased to others farms	1,202	875

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	63	66	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	73,031	71,522	Crops, including nursery and greenhouse crops \$1,000	(D)	11,664
Average size of farm acres	1,159	1,084	Livestock, poultry, and their products \$1,000	(D)	6,569
Estimated market value of land and buildings \$1,000	323,595	192,398	Total farm production expenses \$1,000	107,827	21,888
Average per farm dollars	5,136,422	2,915,122	Average per farm dollars	1,711,545	331,633
Average per acre dollars	4,431	2,690	Government payments ¹ (see text) farms	22	16
Estimated market value of all machinery and equipment \$1,000	26,609	25,199	Average per farm dollars	17,171	16,112
Land in farms according to use:			Total income from farm-related sources farms	28	30
Total cropland farms	43	42	Average per farm dollars	56,210	29,876
Harvested cropland acres	54,120	44,289	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvements farms	3	3	Full owners farms	48	39
Other cropland acres	(D)	5,514	Part owners farms	12	10
Total woodland farms	12	15	Tenants farms	3	17
Woodland pastured acres	3,547	5,498	Farms by North American Industry Classification System:		
Woodland not pastured acres	(D)	5,498	Oilseed and grain farming (1111)	22	23
Permanent pasture and rangeland other than cropland and woodland pastured farms	11	11	Vegetable and melon farming (1112)	1	-
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	50	51	Fruit and tree nut farming (1113)	1	1
Irrigated land acres	23,466	25,053	Greenhouse, nursery, and floriculture production (1114)	-	-
Market value of agricultural products sold (see text) \$1,000	119,483	18,233	Other crop farming (1119)	8	15
Average per farm dollars	1,896,555	276,254	Tobacco farming (11191)	-	-
			Cotton farming (11192)	-	-
			Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	8	15
			Beef cattle ranching and farming (112111)	1	-
			Cattle feedlots (112112)	-	1
			Dairy cattle and milk production (11212)	3	2
			Hog and pig farming (1122)	-	-
			Poultry and egg production (1123)	-	-
			Sheep and goat farming (1124)	1	-
			Aquaculture and other animal production (1125, 1129) (see text)	26	24

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