

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	925	365	Renewable energy producing systems - Con.		
Solar panels farms	642	249	Small hydro systems farms	40	5
Wind turbines farms	73	29	Biodiesel production systems (see text) farms	29	22
Methane digesters farms	15	1	Ethanol production systems (see text) farms	43	6
Geothermal/geoexchange systems (see text) farms	156	40	Other farms	51	2
			Wind rights leased to others farms	46	23

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	66	66	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	15,781	17,676	Crops, including nursery and greenhouse crops \$1,000	1,448	1,093
Average size of farm acres	239	268	Livestock, poultry, and their products \$1,000	5,118	4,361
Estimated market value of land and buildings \$1,000	34,617	80,266	Total farm production expenses \$1,000	6,571	6,861
Average per farm dollars	524,502	1,216,147	Average per farm dollars	99,557	103,956
Average per acre dollars	2,194	4,541	Government payments ¹ (see text) farms	7	3
Estimated market value of all machinery and equipment \$1,000	7,520	6,801 \$1,000	38	7
Land in farms according to use:			Average per farm dollars	5,432	2,437
Total cropland farms	53	51	Total income from farm-related sources farms	14	11
..... acres	5,170	4,143 \$1,000	293	20
Harvested cropland farms	52	51	Average per farm dollars	20,937	1,809
..... acres	3,452	3,518	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	61	59
..... acres	1,013	585	Part owners farms	4	6
Other cropland farms	12	5	Tenants farms	1	1
..... acres	705	40	Farms by North American Industry Classification System:		
Total woodland farms	28	26	Oilseed and grain farming (1111) farms	-	-
..... acres	5,923	8,523	Vegetable and melon farming (1112) farms	3	5
Woodland pastured farms	8	7	Fruit and tree nut farming (1113) farms	2	2
..... acres	819	522	Greenhouse, nursery, and floriculture production (1114) farms	26	27
Woodland not pastured farms	28	26	Other crop farming (1119) farms	6	4
..... acres	5,104	8,001	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	21	21	Cotton farming (11192) farms	-	-
..... acres	3,592	4,042	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	6	4
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	45	44	Beef cattle ranching and farming (112111) farms	10	9
..... acres	1,096	968	Cattle feedlots (112112) farms	1	1
Irrigated land farms	29	33	Dairy cattle and milk production (11212) farms	4	1
..... acres	88	96	Hog and pig farming (1122) farms	-	-
Market value of agricultural products sold (see text) \$1,000	6,566	5,455	Poultry and egg production (1123) farms	-	1
Average per farm dollars	99,487	82,645	Sheep and goat farming (1124) farms	1	1
			Aquaculture and other animal production (1125, 1129) (see text) farms	13	15

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