

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	4,609	2,013	Renewable energy producing systems - Con.		
Solar panels farms	3,768	1,636	Small hydro systems farms	78	47
Wind turbines farms	627	339	Biodiesel production systems (see text) farms	29	51
Methane digesters farms	3	5	Ethanol production systems (see text) farms	11	25
Geothermal/geoexchange systems (see text) farms	438	153	Other farms	167	36
			Wind rights leased to others farms	626	353

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	180	132	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	1,136,825	1,016,544	Crops, including nursery and greenhouse crops \$1,000	11,960	14,831
Average size of farm acres	6,316	7,701	Livestock, poultry, and their products \$1,000	26,177	24,114
Estimated market value of land and buildings \$1,000	637,629	421,613	Total farm production expenses \$1,000	40,638	34,140
Average per farm dollars	3,542,384	3,194,042	Average per farm dollars	225,768	258,637
Average per acre dollars	561	415	Government payments ¹ (see text) farms	291	11
Estimated market value of all machinery and equipment \$1,000	33,387	24,511 \$1,000	121	628
Land in farms according to use:			Average per farm dollars	24,249	57,048
Total cropland farms	82	59	Total income from farm-related sources farms	55	48
..... acres	43,102	39,326 \$1,000	4,847	1,899
Harvested cropland farms	72	47	Average per farm dollars	88,130	39,558
..... acres	24,938	20,759	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvements farms	11	12	Full owners farms	142	107
..... acres	1,512	741	Part owners farms	20	13
Other cropland farms	36	37	Tenants farms	18	12
..... acres	16,652	17,826	Farms by North American Industry Classification System:		
Total woodland farms	19	25	Oilseed and grain farming (1111) farms	16	13
..... acres	(D)	(D)	Vegetable and melon farming (1112) farms	3	3
Woodland pastured farms	12	16	Fruit and tree nut farming (1113) farms	2	3
..... acres	5,090	2,630	Greenhouse, nursery, and floriculture production (1114) farms	9	5
Woodland not pastured farms	13	14	Other crop farming (1119) farms	32	23
..... acres	(D)	(D)	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	102	73	Cotton farming (11192) farms	-	-
..... acres	983,980	852,913	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	32	23
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	109	91	Beef cattle ranching and farming (112111) farms	16	13
..... acres	(D)	(D)	Cattle feedlots (112112) farms	3	1
Irrigated land farms	66	45	Dairy cattle and milk production (11212) farms	3	1
..... acres	27,799	17,312	Hog and pig farming (1122) farms	1	-
Market value of agricultural products sold (see text) \$1,000	38,137	38,945	Poultry and egg production (1123) farms	2	-
Average per farm dollars	211,872	295,039	Sheep and goat farming (1124) farms	2	4
			Aquaculture and other animal production (1125, 1129) (see text) farms	91	66

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