

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	2,215	882	Renewable energy producing systems - Con.		
Solar panels farms	1,831	647	Small hydro systems farms	58	43
Wind turbines farms	207	185	Biodiesel production systems (see text) farms	29	42
Methane digesters farms	10	10	Ethanol production systems (see text) farms	5	14
Geothermal/geoexchange systems (see text) farms	206	62	Other farms	-	20
			Wind rights leased to others farms	158	94

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	234	217	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	2,850,896	2,850,796	Crops, including nursery and greenhouse crops \$1,000	9,318	25,407
Average size of farm acres	12,183	13,137	Livestock, poultry, and their products \$1,000	53,939	35,617
Estimated market value of land and buildings \$1,000	1,798,865	1,789,644	Total farm production expenses \$1,000	61,397	73,379
Average per farm dollars	7,687,455	8,247,206	Average per farm dollars	262,382	338,150
Average per acre dollars	631	628	Government payments ¹ (see text) farms	17	18
Estimated market value of all machinery and equipment \$1,000	39,081	23,736 \$1,000	343	510
Land in farms according to use:			Average per farm dollars	20,170	28,310
Total cropland farms	63	54	Total income from farm-related sources farms	130	38
..... acres	19,160	21,633 \$1,000	14,467	8,257
Harvested cropland farms	47	41	Average per farm dollars	111,282	217,301
..... acres	(D)	(D)	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	190	175
..... acres	(D)	(D)	Part owners farms	30	32
Other cropland farms	38	25	Tenants farms	14	10
..... acres	11,835	12,323	Farms by North American Industry Classification System:		
Total woodland farms	22	22	Oilseed and grain farming (1111) farms	8	9
..... acres	1,396,130	(D)	Vegetable and melon farming (1112) farms	8	1
Woodland pastured farms	9	8	Fruit and tree nut farming (1113) farms	11	7
..... acres	(D)	(D)	Greenhouse, nursery, and floriculture production (1114) farms	11	17
Woodland not pastured farms	18	18	Other crop farming (1119) farms	22	14
..... acres	(D)	633,400	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	23	21	Cotton farming (11192) farms	-	-
..... acres	(D)	(D)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	22	14
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	208	181	Beef cattle ranching and farming (112111) farms	3	4
..... acres	(D)	26,714	Cattle feedlots (112112) farms	-	-
Irrigated land farms	41	32	Dairy cattle and milk production (11212) farms	1	1
..... acres	2,755	4,458	Hog and pig farming (1122) farms	-	-
Market value of agricultural products sold (see text) \$1,000	63,257	61,024	Poultry and egg production (1123) farms	1	-
Average per farm dollars	270,328	281,217	Sheep and goat farming (1124) farms	-	1
			Aquaculture and other animal production (1125, 1129) (see text) farms	169	163

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