

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	1,972	703	Renewable energy producing systems - Con.		
Solar panels farms	833	226	Small hydro systems farms	7	6
Wind turbines farms	166	109	Biodiesel production systems (see text) farms	3	1
Methane digesters farms	-	2	Ethanol production systems (see text) farms	-	1
Geothermal/geoexchange systems (see text) farms	1,105	381	Other farms	-	11
			Wind rights leased to others farms	605	262

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	191	143	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	2,659,985	2,582,040	Crops, including nursery and greenhouse crops \$1,000	6,403	3,236
Average size of farm acres	13,927	18,056	Livestock, poultry, and their products \$1,000	14,543	11,827
Estimated market value of land and buildings \$1,000	2,758,322	1,871,464	Total farm production expenses \$1,000	23,098	14,638
Average per farm dollars	14,441,477	13,087,162	Average per farm dollars	120,932	102,360
Average per acre dollars	1,037	725	Government payments ¹ (see text) farms	22	18
Estimated market value of all machinery and equipment \$1,000	21,269	22,229 \$1,000	1,071	618
			Average per farm dollars	48,691	34,315
Land in farms according to use:			Total income from farm-related sources farms	48	54
Total cropland farms	128	94 \$1,000	31,255	20,635
..... acres	54,665	37,020	Average per farm dollars	651,147	382,137
Harvested cropland farms	35	27	Tenure of producer (see text):		
..... acres	15,514	(D)	Full owners farms	160	117
Other pasture and grazing land that could have been used for crops without additional improvements farms	3	2	Part owners farms	19	19
..... acres	2,427	(D)	Tenants farms	12	7
Other cropland farms	102	76	Farms by North American Industry Classification System:		
..... acres	36,724	27,087	Oilseed and grain farming (1111) farms	14	10
Total woodland farms	89	61	Vegetable and melon farming (1112) farms	-	-
..... acres	87,660	75,444	Fruit and tree nut farming (1113) farms	-	-
Woodland pastured farms	14	7	Greenhouse, nursery, and floriculture production (1114) farms	-	-
..... acres	64,309	(D)	Other crop farming (1119) farms	102	74
Woodland not pastured farms	85	60	Tobacco farming (11191) farms	-	-
..... acres	23,351	(D)	Cotton farming (11192) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pastured farms	150	114	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	102	74
..... acres	2,299,824	2,288,803	Beef cattle ranching and farming (112111) farms	19	12
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. farms	135	99	Cattle feedlots (112112) farms	3	4
..... acres	217,836	180,773	Dairy cattle and milk production (11212) farms	2	1
Irrigated land farms	6	2	Hog and pig farming (1122) farms	1	1
..... acres	749	(D)	Poultry and egg production (1123) farms	-	1
Market value of agricultural products sold (see text) \$1,000	20,947	15,063	Sheep and goat farming (1124) farms	2	1
Average per farm dollars	109,669	105,337	Aquaculture and other animal production (1125, 1129) (see text) farms	48	39

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