

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 systemsfarms	2,474	1,291	Renewable energy producing systems - Con.		
Solar panelsfarms	2,356	1,271	Small hydro systemsfarms	24	20
Wind turbinesfarms	90	89	Biodiesel production systems (see text)farms	5	26
Methane digestersfarms	2	4	Ethanol production systems (see text)farms	4	6
Geothermal/geoexchange systems (see text)farms	6	-	Otherfarms	102	-
			Wind rights leased to othersfarms	7	21

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	67	18	Market value of agricultural products sold (see text) - Con.		
Land in farms acres	10,894	9,017	Crops, including nursery and greenhouse crops \$1,000	46,056	(D)
Average size of farm acres	163	501	Livestock, poultry, and their products \$1,000	1,359	16
Estimated market value of land and buildings\$1,000	247,296	79,970	Total farm production expenses \$1,000	71,111	(D)
Average per farm dollars	3,690,987	4,442,785	Average per farm dollars	1,061,363	(D)
Average per acre dollars	22,700	8,869	Government payments ¹ (see text) farms	3	-
Estimated market value of all machinery and equipment\$1,000	13,866	3,102 \$1,000	167	-
Land in farms according to use:			Average per farm dollars	55,571	-
Total croplandfarms	56	12	Total income from farm-related sources farms	18	6
..... acres	6,846	1,280 \$1,000	126	57
Harvested croplandfarms	41	12	Average per farm dollars	7,018	9,439
..... acres	1,622	(D)	Tenure of producer (see text):		
Other pasture and grazing land that could have been used for crops without additional improvementsfarms	3	-	Full owners farms	39	15
..... acres	6	-	Part owners farms	10	-
Other croplandfarms	32	2	Tenants farms	18	3
..... acres	5,218	(D)	Farms by North American Industry Classification System:		
Total woodlandfarms	16	7	Oilseed and grain farming (1111) farms	5	2
..... acres	477	6,697	Vegetable and melon farming (1112) farms	11	5
Woodland pasturedfarms	3	4	Fruit and tree nut farming (1113) farms	19	4
..... acres	(D)	(D)	Greenhouse, nursery, and floriculture production (1114) farms	5	1
Woodland not pasturedfarms	15	4	Other crop farming (1119) farms	16	3
..... acres	(D)	(D)	Tobacco farming (11191) farms	-	-
Permanent pasture and rangeland other than cropland and woodland pasturedfarms	11	2	Cotton farming (11192) farms	-	-
..... acres	1,312	(D)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) farms	16	3
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc.farms	40	15	Beef cattle ranching and farming (11211) farms	2	-
..... acres	2,259	(D)	Cattle feedlots (11212) farms	-	-
Irrigated landfarms	20	6	Dairy cattle and milk production (11212) farms	-	-
..... acres	1,545	(D)	Hog and pig farming (1122) farms	3	-
Market value of agricultural products sold (see text)\$1,000	47,415	(D)	Poultry and egg production (1123) farms	-	-
Average per farm dollars	707,689	(D)	Sheep and goat farming (1124) farms	3	-
			Aquaculture and other animal production (1125, 1129) (see text) farms	3	3

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