



**Hawaii**  
**Water Resource Region 20**  
**HUC6 Level Watersheds**

Source: U.S. Geological Survey

**Hawaii**  
**Water Resource Region 20**

Watershed Name	Hydrologic Unit Code
Hawaii	200100
Maui	200200
Kahoolawe	200300
Lanai	200400
Molokai	200500
Oahu	200600
Kauai	200700
Niihau	200800

HUC 200300: This watershed did not contain any known farms in 2012 or 2017.

**Table 1. Summary by Hydrologic Unit Code: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	United States		H2O Hawaii		H200100	
	2017	2012	2017	2012	2017	2012
<b>FARMS AND LAND IN FARMS</b>						
Farms ..... number	2,042,220	2,109,303	7,328	7,000	4,220	4,282
Land in farms ..... acres	900,217,576	914,527,657	1,135,352	1,129,317	664,444	686,856
<b>LAND USE AND PRACTICES</b>						
Total cropland ..... farms	1,475,627	1,551,654	5,826	5,551	3,315	3,398
Harvested cropland ..... acres	396,433,817	389,690,414	191,175	174,042	82,295	72,028
Other pasture and grazing land that could have been used for crops without additional improvement ..... farms	1,245,548	1,288,875	5,316	5,293	3,008	3,229
Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed ..... acres	320,041,858	314,964,600	84,767	99,031	58,504	57,807
Cropland on which all crops failed or were abandoned ..... farms	137,707	141,537	241	204	151	143
Cropland in summer fallow (see text) ..... acres	13,825,975	12,802,847	12,340	7,538	7,967	(D)
Woodland pastured ..... farms	374,252	381,453	1,127	719	600	412
Woodland not pastured ..... acres	36,003,378	36,382,032	86,376	60,475	13,534	(D)
Permanent pasture and rangeland, other than cropland and woodland pastured ..... farms	79,334	97,248	361	294	221	198
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. .... acres	9,542,580	11,395,368	2,318	2,410	1,553	1,874
Irrigated land ..... farms	94,106	61,442	161	152	76	64
Harvested cropland ..... acres	17,020,026	14,145,567	5,374	4,588	737	536
Pastureland and other land ..... farms	794,789	840,399	668	544	416	344
Cropland on which no-till practices were used ..... acres	73,092,054	77,012,907	88,813	92,734	55,880	57,747
Cropland on which reduced tillage, excluding no till, practices were used (see text) ..... farms	326,279	350,761	185	188	123	110
Organic fertilizer used (see text) ..... acres	26,009,273	27,999,006	18,797	23,766	12,990	10,823
Commercial fertilizer, lime, and soil conditioners used ..... farms	575,911	606,279	518	392	322	254
Manure used ..... acres	47,082,781	49,013,901	70,016	68,968	43,590	46,924
Acres treated to control - Insects ..... farms	1,130,063	1,176,156	2,023	1,866	1,272	1,232
Weeds, grass, or brush ..... acres	400,771,178	415,309,280	761,816	770,805	476,082	505,802
Nematodes ..... farms	1,183,307	1,338,485	3,266	3,076	1,884	1,831
Diseases in crops and orchards ..... acres	29,920,527	32,515,057	93,548	92,456	50,187	51,279
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms	294,235	296,303	2,250	2,498	828	1,026
Corn, all ..... farms	58,013,907	55,822,231	45,452	81,813	6,662	(D)
Soybeans, for beans ..... acres	255,348	261,281	2,144	2,355	794	982
Small grains (wheat, oats, barley, rye) ..... farms	53,959,077	52,092,384	25,402	41,960	5,920	(D)
Cotton, all ..... acres	64,450	60,330	161	204	45	70
Rice ..... farms	4,054,830	3,729,847	20,050	39,853	742	(D)
Land in vegetables (see text) ..... acres	279,370	278,290	670	1,012	274	328
Land in orchards (see text) ..... farms	104,452,339	96,476,496	3,501	3,513	1,867	1,154
Nursery, greenhouse, floriculture, and sod (see text) ..... acres	217,069	195,738	206	385	66	219
All other crops (other than those listed above) ..... farms	97,753,854	76,639,804	3,494	3,854	692	558
<b>FERTILIZERS AND CHEMICALS</b>						
Commercial fertilizer, lime, and soil conditioners used ..... farms	881,431	877,907	2,979	3,450	1,798	2,193
Manure used ..... acres treated	253,766,165	247,802,465	100,104	109,503	60,144	43,806
Organic fertilizer used (see text) ..... farms	297,297	275,420	622	634	355	374
Acres treated to control - Insects ..... acres	23,888,525	22,072,968	4,748	5,165	3,561	3,301
Weeds, grass, or brush ..... farms	50,105	(NA)	668	(NA)	354	(NA)
Nematodes ..... acres	3,454,441	(NA)	5,235	(NA)	4,344	(NA)
Diseases in crops and orchards ..... farms	306,214	361,286	1,945	2,349	1,218	1,424
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... acres on which used	112,440,971	100,719,008	50,380	30,417	28,809	10,701
Corn, all ..... farms	702,075	794,320	2,439	3,299	1,600	2,091
Soybeans, for beans ..... acres	292,998,284	285,510,954	93,195	114,713	58,473	43,662
Small grains (wheat, oats, barley, rye) ..... farms	46,714	58,865	178	379	97	205
Cotton, all ..... acres	14,672,861	14,454,000	5,040	4,089	1,074	1,566
Rice ..... farms	121,023	121,682	805	963	457	539
Land in vegetables (see text) ..... acres	44,296,251	35,006,868	8,963	9,143	2,392	3,531
Land in orchards (see text) ..... farms	38,207	53,200	228	338	133	197
Nursery, greenhouse, floriculture, and sod (see text) ..... acres on which used	14,743,773	13,136,568	3,506	19,000	762	(D)
<b>SELECTED CROPS</b>						
Corn, all ..... farms	328,101	376,179	21	16	1	1
Soybeans, for beans ..... acres	90,847,976	94,609,673	5,039	5,668	(D)	(D)
Small grains (wheat, oats, barley, rye) ..... farms	303,191	302,963	3	2	-	-
Cotton, all ..... acres	90,149,480	76,104,780	165	(D)	-	-
Rice ..... farms	127,484	184,481	-	-	-	-
Land in vegetables (see text) ..... acres	42,159,714	53,668,136	-	-	-	-
Land in orchards (see text) ..... farms	16,149	18,155	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) ..... acres	11,401,965	9,384,080	-	-	-	-
All other crops (other than those listed above) ..... farms	4,637	5,591	-	-	-	-
Cattle and calves inventory ..... number	2,395,054	2,693,759	-	-	-	-
Hogs and pigs inventory ..... farms	74,276	72,045	915	960	332	323
Sheep and lambs inventory (see text) ..... acres	3,965,622	4,180,891	8,218	8,269	(D)	1,537
Total horses and ponies inventory ..... farms	111,955	106,488	3,901	3,488	2,463	2,520
Goats, all inventory ..... acres	5,665,600	5,199,729	38,872	35,832	27,605	(D)
Chickens, all inventory (see text) ..... farms	48,643	54,557	1,306	1,457	536	625
Other poultry ..... acres	859,246	892,089	3,156	3,576	1,420	1,660
All other crops (other than those listed above) ..... farms	908,673	931,925	2,029	2,295	1,008	1,288
Other livestock ..... acres	75,154,871	72,024,554	29,374	45,718	(D)	(D)
<b>LIVESTOCK AND POULTRY</b>						
Cattle and calves inventory ..... farms	882,692	913,246	1,218	1,314	847	917
Hogs and pigs inventory ..... number	93,648,041	89,994,614	137,930	133,957	98,851	98,059
Sheep and lambs inventory (see text) ..... farms	66,439	63,246	226	231	93	70
Total horses and ponies inventory ..... number	72,381,007	66,026,785	(D)	11,441	2,252	931
Goats, all inventory ..... farms	101,387	88,338	548	353	393	296
Chickens, all inventory (see text) ..... number	5,391,252	5,364,844	27,181	21,921	8,580	(D)
Other poultry ..... farms	459,526	504,795	688	669	417	401
Other livestock ..... number	2,847,289	3,621,348	4,548	5,114	2,542	2,667
Other livestock ..... farms	136,442	128,456	609	420	276	173
Other livestock ..... number	2,698,636	2,621,514	16,225	12,996	7,865	4,109
Other livestock ..... farms	256,036	221,779	742	571	396	342
Other livestock ..... number	2,127,170,289	1,974,854,740	232,390	298,844	10,491	(D)

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**Table 1. Summary by Hydrologic Unit Code: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	H200200		H200400		H200500	
	2017	2012	2017	2012	2017	2012
<b>FARMS AND LAND IN FARMS</b>						
Farms .....	1,096	894	54	32	258	202
Land in farms .....	174,839	150,733	2,020	1,705	(D)	76,728
<b>LAND USE AND PRACTICES</b>						
Total cropland .....	921	739	43	28	184	135
Harvested cropland .....	51,094	45,850	379	114	5,078	3,614
Other pasture and grazing land that could have been used for crops without additional improvement .....	864	701	38	26	155	125
Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed .....	(D)	22,178	101	(D)	(D)	1,608
Cropland on which all crops failed or were abandoned .....	37	34	-	-	19	7
Cropland in summer fallow (see text) .....	3,218	(D)	-	-	394	65
Cropland on which all crops failed or were abandoned .....	143	83	17	3	64	26
Cropland in summer fallow (see text) .....	(D)	(D)	265	(D)	(D)	(D)
Total woodland .....	63	29	5	3	14	13
Woodland pastured .....	368	120	13	13	85	79
Woodland not pastured .....	29	27	1	1	7	9
Permanent pasture and rangeland, other than cropland and woodland pastured .....	(D)	407	-	(D)	(D)	(D)
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....	95	73	2	3	27	19
Irrigated land .....	8,589	15,659	(D)	(D)	8,495	7,631
Harvested cropland .....	17	26	1	1	13	11
Pastureland and other land .....	1,141	(D)	(D)	(D)	1,916	(D)
Cropland on which no-till practices were used .....	80	58	1	2	15	11
Cropland on which reduced tillage, excluding no till, practices were used (see text) .....	7,448	(D)	(D)	(D)	6,579	(D)
Commercial fertilizer, lime, and soil conditioners used .....	276	231	14	5	117	97
Manure used .....	107,430	82,478	799	(D)	54,821	60,203
Organic fertilizer used (see text) .....	525	464	16	15	151	112
Acres treated to control - Insects .....	7,726	6,746	(D)	53	(D)	5,280
Acres treated to control - Weeds, grass, or brush .....	500	467	27	26	124	110
Acres treated to control - Nematodes .....	3,481	(D)	115	142	1,253	1,158
Acres treated to control - Diseases in crops and orchards .....	474	442	25	22	122	95
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	(D)	(D)	(D)	54	1,201	936
Acres on which used .....	48	34	2	4	11	22
Commercial fertilizer, lime, and soil conditioners used .....	(D)	(D)	(D)	88	52	222
Manure used .....	131	225	16	16	24	42
Organic fertilizer used (see text) .....	467	855	23	16	140	210
Acres treated to control - Insects .....	34	46	4	1	17	16
Acres treated to control - Weeds, grass, or brush .....	469	338	8	(D)	614	(D)
Acres treated to control - Nematodes .....						
Acres treated to control - Diseases in crops and orchards .....						
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
Acres on which used .....						
<b>FERTILIZERS AND CHEMICALS</b>						
Commercial fertilizer, lime, and soil conditioners used .....	352	405	21	21	71	65
Manure used .....	7,095	38,881	(D)	280	2,511	1,762
Organic fertilizer used (see text) .....	129	110	6	5	39	18
Acres treated to control - Insects .....	550	363	7	17	219	(D)
Acres treated to control - Weeds, grass, or brush .....	125	(NA)	12	(NA)	23	(NA)
Acres treated to control - Nematodes .....	343	(NA)	19	(NA)	88	(NA)
Acres treated to control - Diseases in crops and orchards .....	195	269	19	15	46	44
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	3,900	3,434	(D)	(D)	4,490	935
Acres on which used .....	232	382	24	17	42	70
Commercial fertilizer, lime, and soil conditioners used .....	10,117	43,390	(D)	271	4,779	2,437
Manure used .....	30	46	-	2	1	13
Organic fertilizer used (see text) .....	215	578	-	(D)	(D)	268
Acres treated to control - Insects .....	124	136	2	6	25	32
Acres treated to control - Weeds, grass, or brush .....	1,131	922	(D)	16	(D)	709
Acres treated to control - Nematodes .....						
Acres treated to control - Diseases in crops and orchards .....						
Chemicals used to control growth, thin fruit, ripen, or defoliate .....						
Acres on which used .....						
<b>SELECTED CROPS</b>						
Corn, all .....	7	1	-	-	2	2
Soybeans, for beans .....	279	(D)	-	-	(D)	(D)
Small grains (wheat, oats, barley, rye) .....	-	-	-	-	1	-
Cotton, all .....	-	-	-	-	(D)	-
Rice .....	-	-	-	-	-	-
Land in vegetables (see text) .....	-	-	-	-	-	-
Land in orchards (see text) .....	175	174	15	9	31	38
Nursery, greenhouse, floriculture, and sod (see text) .....	891	1,231	38	(D)	(D)	296
All other crops (other than those listed above) .....	597	400	29	20	117	61
Cattle and calves inventory .....	2,983	(D)	45	33	647	502
Hogs and pigs inventory .....	274	262	7	11	51	61
Sheep and lambs inventory (see text) .....	619	585	7	9	38	134
Total horses and ponies inventory .....	409	312	19	10	71	65
Goats, all inventory .....	(D)	(D)	11	(D)	(D)	(D)
<b>LIVESTOCK AND POULTRY</b>						
Cattle and calves inventory .....	131	132	2	1	60	71
Hogs and pigs inventory .....	15,955	14,495	(D)	(D)	3,056	(D)
Sheep and lambs inventory (see text) .....	39	48	-	1	41	32
Total horses and ponies inventory .....	(D)	1,920	-	(D)	333	(D)
Goats, all inventory .....	51	22	1	-	7	2
Chickens, all inventory (see text) .....	1,067	649	(D)	-	482	(D)
Chickens, all inventory (see text) .....	73	73	7	1	35	38
Chickens, all inventory (see text) .....	395	448	(D)	(D)	169	(D)
Chickens, all inventory (see text) .....	170	91	9	6	35	34
Chickens, all inventory (see text) .....	3,933	5,811	(D)	(D)	669	520
Chickens, all inventory (see text) .....	186	92	5	1	17	17
Chickens, all inventory (see text) .....	8,664	3,907	2,304	(D)	(D)	210

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**Table 1. Summary by Hydrologic Unit Code: 2017 and 2012 (continued)**

[For meaning of abbreviations and symbols, see introductory text.]

Item	H200600		H200700		H200800	
	2017	2012	2017	2012	2017	2012
<b>FARMS AND LAND IN FARMS</b>						
Farms .....	927	999	760	584	13	7
Land in farms .....	71,795	(D)	103,863	98,012	(D)	(D)
<b>LAND USE AND PRACTICES</b>						
Total cropland .....	780	835	574	410	9	6
Harvested cropland .....	23,067	22,200	29,247	30,217	15	19
Other pasture and grazing land that could have been used for crops without additional improvement .....	730	821	512	387	9	4
Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed .....	13,664	10,554	5,452	6,793	15	(D)
Cropland on which all crops failed or were abandoned .....	4	4	30	14	-	2
Cropland in summer fallow (see text) .....	11	(D)	750	1,520	-	(D)
Cropland on which no-till practices were used .....	181	122	122	73	-	-
Cropland on which reduced tillage, excluding no till, practices were used (see text) .....	7,650	8,958	21,402	21,416	-	-
Cropland in summer fallow (see text) .....	35	28	23	23	-	-
Cropland in summer fallow (see text) .....	170	228	129	96	-	-
Cropland in summer fallow (see text) .....	19	28	30	23	-	-
Total woodland .....	1,572	(D)	1,514	392	-	-
Woodland pastured .....	48	46	79	56	1	3
Woodland not pastured .....	(D)	(D)	8,247	6,941	(D)	31
Permanent pasture and rangeland, other than cropland and woodland pastured .....	17	14	13	24	1	2
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....	(D)	2,561	345	346	(D)	(D)
Irrigated land .....	34	32	66	34	-	1
Harvested cropland .....	(D)	(D)	7,902	6,595	-	(D)
Pastureland and other land .....	113	96	227	200	4	5
Cropland on which no-till practices were used .....	(D)	(D)	55,082	52,421	(D)	(D)
Cropland on which reduced tillage, excluding no till, practices were used (see text) .....	374	412	315	238	1	4
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....	(D)	(D)	11,287	8,433	(D)	(D)
Irrigated land .....	512	603	252	266	7	-
Harvested cropland .....	11,683	10,776	22,251	22,523	7	-
Pastureland and other land .....	482	571	240	243	7	-
Cropland on which no-till practices were used .....	10,423	8,942	(D)	(D)	7	-
Cropland on which reduced tillage, excluding no till, practices were used (see text) .....	37	43	18	31	-	-
Land in farmsteads, homes, buildings, livestock facilities, ponds, roads, wasteland, etc. ....	1,260	1,834	(D)	(D)	-	-
Irrigated land .....	161	336	64	70	-	-
Harvested cropland .....	578	1,116	426	162	-	-
Pastureland and other land .....	61	54	24	49	-	-
Cropland on which reduced tillage, excluding no till, practices were used (see text) .....	1,399	1,995	312	58	-	-
<b>FERTILIZERS AND CHEMICALS</b>						
Commercial fertilizer, lime, and soil conditioners used .....	466	518	266	243	5	5
Manure used .....	22,835	12,247	7,407	12,478	(D)	49
Organic fertilizer used (see text) .....	52	59	41	66	-	2
Acres treated to control - Insects .....	253	406	158	(D)	-	(D)
Acres treated to control - Weeds, grass, or brush .....	82	(NA)	72	(NA)	-	(NA)
Acres treated to control - Nematodes .....	227	(NA)	214	(NA)	-	(NA)
Acres treated to control - Diseases in crops and orchards .....	360	481	105	115	2	1
Acres treated to control - Chemicals used to control growth, thin fruit, ripen, or defoliate .....	10,413	9,473	(D)	5,818	(D)	(D)
Acres treated to control - Weeds, grass, or brush .....	348	516	192	220	1	3
Acres treated to control - Nematodes .....	8,805	11,754	10,451	13,196	(D)	3
Acres treated to control - Diseases in crops and orchards .....	36	93	14	20	-	-
Acres treated to control - Chemicals used to control growth, thin fruit, ripen, or defoliate .....	3,396	1,612	(D)	(D)	-	-
Acres treated to control - Weeds, grass, or brush .....	139	199	58	51	-	-
Acres treated to control - Nematodes .....	4,019	2,115	995	1,850	-	-
Acres treated to control - Diseases in crops and orchards .....	44	52	12	22	-	-
Acres treated to control - Chemicals used to control growth, thin fruit, ripen, or defoliate .....	2,149	(D)	237	33	-	-
<b>SELECTED CROPS</b>						
Corn, all .....	7	7	4	5	-	-
Soybeans, for beans .....	3,381	1,897	876	2,267	-	-
Small grains (wheat, oats, barley, rye) .....	1	-	1	2	-	-
Cotton, all .....	(D)	-	(D)	(D)	-	-
Rice .....	-	-	-	-	-	-
Land in vegetables (see text) .....	-	-	-	-	-	-
Land in orchards (see text) .....	243	318	117	98	2	-
Nursery, greenhouse, floriculture, and sod (see text) .....	5,406	5,040	339	(D)	(D)	-
All other crops (other than those listed above) .....	323	264	368	221	4	2
Corn, all .....	3,840	1,141	3,746	3,616	7	(D)
Soybeans, for beans .....	298	354	133	141	7	3
Small grains (wheat, oats, barley, rye) .....	768	831	300	354	4	2
Cotton, all .....	316	371	200	248	6	1
Rice .....	219	1,658	183	385	4	(D)
<b>LIVESTOCK AND POULTRY</b>						
Cattle and calves inventory .....	46	60	128	130	4	3
Hogs and pigs inventory .....	4,984	4,708	14,010	13,732	(D)	(D)
Sheep and lambs inventory (see text) .....	28	60	25	20	-	-
Total horses and ponies inventory .....	3,252	6,265	1,633	1,480	-	-
Goats, all inventory .....	40	20	55	12	1	1
Chickens, all inventory (see text) .....	(D)	403	1,459	1,040	(D)	(D)
Chickens, all inventory (see text) .....	75	80	78	73	3	3
Chickens, all inventory (see text) .....	653	832	471	567	(D)	(D)
Chickens, all inventory (see text) .....	42	45	76	68	1	3
Chickens, all inventory (see text) .....	1,460	720	1,725	1,145	(D)	(D)
Chickens, all inventory (see text) .....	90	62	46	55	2	2
Chickens, all inventory (see text) .....	209,358	(D)	1,283	2,491	(D)	(D)