

Section 19
Forests, Fisheries, and Mining

This section presents data on forests and forest products, commercial fishing, and mining and mineral products. Important sources for statistics regarding these subjects are the United States Census of Agriculture, the United States Census of Mineral Industries, and reports of the Hawaii Department of Land and Natural Resources, particularly its Forestry Division and Fish and Game Division. Requests for detailed information should be directed to these agencies. Comparable mainland statistics are reported in the Statistical Abstract of the United States: 1961, Sections 26, 27 and 28.

Table 1.-- NURSERY, GREEN HOUSE, AND FOREST PRODUCT SALES: 1950 AND 1959

(In thousands of dollars)

Year	Total	Category		County			
		Horticultural specialties	Forest products	Hawaii	Honolulu	Kauai	Maui
1959.....	2,214	2,060	155	931	1,118	43	122
1950.....	1,382	1,334	48	425	910	7	40

Table 2.-- WOODLAND ON FARMS, 1910 TO 1959, AND BY COUNTY, 1959

Year	Acres	County	Acres
1959.....	409,718	Counties, 1959:	
1950.....	703,270	Hawaii.....	227,547
1940.....	580,507	Honolulu.....	53,619
1930.....	747,636	Kalawao.....	-
1920.....	599,531	Kauai.....	46,221
1910.....	596,304	Maui.....	82,331

Source of tables 1 and 2: U.S. Bureau of the Census, U.S. Census of Agriculture: 1959, Counties, Hawaii.

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Table 3.-- STATE DIVISION OF FOREST-
RY STATISTICS: 1961

(Year ending June 30.)

Subject	Number
Forest income.....	\$36,791
Nursery sales and other..	19,131
Federal cooperation.....	17,660
Roads and trails built, re- paired, or cleaned:	
Roads (miles).....	18.7
Trails (miles).....	28.4
Trees planted:	
Number of trees.....	823,431
Norfolk Isl. Pine.....	116,826
Flooded Gum.....	116,017
Tropical Ash.....	262,960
Slash pine.....	83,481
Australia Red Cedar....	173,801
Other species.....	70,346
Acres.....	1,668
Nursery distribution.....	1,171,504
Timber trees.....	1,121,559
Ornamental trees.....	39,685
Fruit trees.....	10,260
Forest fires:	
Number.....	35
Acres burned.....	26,840

Table 4.-- FOREST RESERVE AREA:
JUNE 30, 1961

Island and ownership	Acres
Total area.....	1,196,038
Ownership:	
State of Hawaii.....	817,197
Hawaiian Homes.....	16,383
City and County.....	3,034
Federal.....	10,722
Private.....	348,701
Island:	
Hawaii.....	698,521
Maui.....	158,766
Lanai.....	6,150
Molokai.....	46,445
Oahu.....	123,028
Kauai.....	163,128

Table 5.-- COMMERCIAL FISHING LICENSES:
JULY 1, 1960 TO JUNE 30, 1961

Subject	Number
All licenses.....	1,496
Commercial fishing (resident).....	941
Power boat permit.....	398
Other licenses.....	157
Amount collected.....	\$13,160

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Table 6.-- COMMERCIAL FISH CATCH, FOR HAWAII: JULY 1, 1960 TO MID-JUNE 1961

Species ¹	Pounds	Value
Total catch.....	12,839,036	\$ 2,781,941
Sea catch.....	12,780,922	2,736,056
Aku.....	9,367,739	1,177,736
Bigeye.....	977,372	490,406
Ahi (Yellowfin).....	393,190	166,357
Black Marlin (Makaira ampla).....	310,625	87,771
Akule.....	297,187	203,033
Stripe Marlin.....	249,580	70,195
Opelu.....	206,640	86,109
Mahimahi.....	104,258	47,327
All others ²	874,331	407,122
Pond catch ³	58,114	45,885

¹Separate statistics are given for species over 100,000 pounds or \$40,000.

²Includes 25 species between 10,000 and 100,000 pounds (broadbill, ono, hapuu-puu, kahala, kalekale, opakapaka, uku, ulaula ehu, ulaula koae, ulua, weke-ula, amaama, awa, kala, kumu, moano, moi, oio, pualu, uu, weke, silver marlin, Kona crab, ula, and opihi), 23 species between 1,000 and 10,000 pounds, and 7 species between 100 and 1,000 pounds.

³Chiefly amaama (mullet), 39,129 pounds. Includes 6 species between 1,000 and 10,000 pounds and 4 species between 100 and 1,000 pounds.

Source of tables 3 to 6: Report of the /State of Hawaii/ Department of Agriculture and Conservation, Fiscal Period Ending June 30, 1961.

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Table 7.-- COMMERCIAL FISHING BOATS: 1961

County and principal fishing port	Commercial fishing boats		
	All boats	Under 25 ft.	25 ft. or more
The State.....	532	354	178
Hawaii County: Wailoa River, Hilo.....	152	107	45
Honolulu County: Kewalo Basin and Pier 15, Honolulu).....	276	171	105
Kauai County: Port Allen.....	34	11	23
Maui County: Lahaina, Kaunakakai, and Kaunapali.....	70	65	5

Source: Hawaii Department of Transportation, Commercial Fishing Boat Operation in Hawaii, August 1961.

Table 8.-- MINERAL OPERATIONS: 1909 TO 1958

Subject (see source for detailed discussion of categories and treatment)	Es-tab-lish-ments	Em-ploy-ees	Pay-roll (\$1,000)	Value added in mining (\$1,000)	Value of ship-ments and receipts (\$1,000)
1958.....	24	445	1,820	4,887	6,207
1954.....	13	171	598	1,266	1,778
1919.....	5	151	95	202	251
1909.....	6	43	14	16	21
Industry group, 1958:					
Crushed and broken stone.....	12	326	1,400	3,631	4,605
Sand and gravel.....	4	72	268	823	1,014
Pumice and pumicite.....	6	38	115	329	480
County, 1958:					
Hawaii.....	8	94	320	926	1,240
Honolulu.....	14	315	1,381	3,806	4,722
Maui.....	3	36	119	155	245

Source: U.S. Bureau of the Census, U.S. Census of Mineral Industries: 1958, Hawaii, Area Report MIC58(2)-49.