

OTHER INDUSTRIES

Other industries closely related to Hawaii's natural resources include forestry, fishing and mineral products.

Development of Hawaii's forestry resources has been the subject of extensive study by the U. S. Forest Research Center; the Department of Land and Natural Resources, Forestry Division; and the Department of Planning and Economic Development. Locally grown woods are now being used quite extensively for construction and for the manufacture of furniture, pallets, handcrafts and other goods.

Hawaii's fishing industry is quite extensive with the annual catch in 1967 valued at \$3.1 million. Research in fishery resources and methods is being carried on by the Bureau of Commercial Fisheries, Honolulu Laboratory; the Oceanic Foundation; the University of Hawaii; the State Department of Land and Natural Resources, Fish and Game Division; and the Bureau of Sport Fisheries.

Hawaii's mineral production is primarily the manufacturing of cement, the processing of sand, stone, gravel and pumice for construction purposes, and the production of lime. Black coral and olivine are found in Hawaii and fashioned into jewelry. Pink coral of gem quality is being taken from deep waters off the coast of Molokai. Fairly extensive bauxite and titanium deposits exist in Hawaii but as yet are undeveloped.

Table 61. -- VOLUME OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES
AND ISLAND FOR HAWAII: 1968

Species group	All islands ¹ (in millions of board feet)	Kauai	Oahu	Molokai	Maui ²	Hawaii	Lanai
Total.....	781.7	42.5	39.4	12.6	50.6	633.7	2.9
Ohia ²	377.5	6.2	2.1	--	7.8	361.4	--
Koa ²	120.9	4.3	1.7	--	3.5	111.4	--
Eucalyptus ³	231.3	26.8	35.6	12.6	36.5	116.9	2.9
Silk oak and other ⁴	52.0	5.2	--	--	2.8	44.0	--

1. No sawtimber tallied on Niihau or Kahoolawe.

2. 1961 figures.

3. Planted, mainly Eucalyptus but includes other hardwoods and conifers. Planted silk oak volume included in these totals.

4. Includes monkeypod.

Source: Department of Land and Natural Resources, Forestry Division.

Table 62. -- VOLUME OF MINERAL PRODUCTION IN HAWAII: 1958 TO 1966
(in short tons unless otherwise specified)

Year	Cement ¹	Gem stones ²	Lime	Pumice (Volcanic cinder)	Sand and gravel	Stone
1958...	--	--	8,106	257,782	438,495	2,377,073
1959...	--	--	-- ³	276,065	463,124	3,033,647
1960...	113,000	--	-- ³	361,000	490,000	3,535,000
1961...	1,076,800	--	14,306	323,978	415,729	4,429,484
1962...	1,128,304	--	15,243	231,922	700,196	4,071,186
1963...	1,482,845	--	12,056	273,851	304,367	3,844,000
1964...	1,717,040	--	8,737	365,475	407,000	5,281,714
1965...	1,564,385	--	8,820	379,729	751,000	5,171,769
1966...	1,749,000	--	10,000	374,000	511,000	5,079,000

1. In 376-pound barrels. Production began in 1960.
2. Weight not recorded.
3. Figures withheld to avoid disclosure of individual company data.

Source: U. S. Department of the Interior, Bureau of Mines, The Mineral Industry of Hawaii, for the years shown above.

Table 63. -- VALUE OF MINERAL PRODUCTION IN HAWAII: 1958 TO 1966
(in thousands of dollars)

Year	Total ¹	Cement	Gem stones	Lime	Pumice (Volcanic cinder)	Sand and gravel	Stone
1958...	6,298	--	--	260	481	1,112	4,446
1959...	7,630	--	-- ²	-- ²	548	1,253	5,480
1960...	9,254	571	-- ²	-- ²	676	1,324	6,443
1961...	14,588	5,574	18	354	626	758	7,656
1962...	14,844	6,055	-- ²	386	380	1,122	6,883
1963...	15,307	7,125	36	428	469	764	6,480
1964...	19,605	8,877	-- ²	321	603	979	8,765
1965...	20,835	8,297	-- ²	305	624	2,237	9,353
1966...	20,839	9,046	-- ²	320	716	1,591	9,482

1. Includes value of clays, gem stones, salt and lime which could not be reported individually.

2. Figures withheld to avoid disclosure of individual company data.

Source: U. S. Department of the Interior, Bureau of Mines, The Mineral Industry of Hawaii for the years shown.

Table 64. -- COMMERCIAL FISH LANDINGS IN HAWAII: 1950 TO 1958

Year ending Dec. 31	Weight (in thousands)	Value	Year ending Dec. 31	Weight (in thousands)	Value
1950...	16,218 lbs.	\$3,556	1959...	16,580	\$3,179
1951...	19,420	3,998	1960...	11,136	2,705
1952...	13,916	3,449	1961...	14,450	2,903
1953...	18,862	3,798	1962...	13,170	2,819
1954...	20,609	3,708	1963...	11,757	2,682
1955...	15,457	3,165	1964...	12,702	2,849
1956...	16,560	3,175	1965...	19,602	3,603
1957...	10,728	2,604	1966...	13,037	3,128
1958...	11,360	2,632	1967...	11,859	3,076

Source: Department of Land and Natural Resources, Division of Fish and Game, Commercial Fish Landings for calendar years shown.