

## 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 1965 valued at \$3.6 million. Research in fishery resources and methods are 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 has been found recently in deep waters off the coast of Molokai. Fairly extensive bauxite and titanium deposits exist in Hawaii but as yet are undeveloped.

Table 59 -- VOLUME OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES,  
AND ISLAND FOR HAWAII:  
1961

Species group	All islands <sup>1</sup> (in millions of board feet)	Percent					
		Total	Kauai	Oahu	Molokai	Maui	Hawaii
Total .....	722	100.0	5.84	3.55	0.17	7.01	83.43
Ohio .....	377	100.0	1.63	0.57	0.00	2.06	95.73
Koa.....	121	100.0	3.55	1.39	0.00	2.91	92.15
Silk-oak and other <sup>2</sup> ....	58	100.0	9.61	4.08	0.00	4.88	81.43
Eucalyptus <sup>3</sup> ...	165	100.0	15.78	11.73	0.75	22.04	49.70

1. No sawtimber tallied on Niihau, Lanai, or Kahoolawe.
2. Includes monkeypod.
3. Planted, mainly Eucalyptus but includes other hardwoods and conifers.

Source: Forest Resources of Hawaii, 1961, table 17.

Table 60 -- VOLUME OF MINERAL PRODUCTION IN HAWAII: 1958 TO 1963

Year	Cement <sup>1</sup>	Gem stones <sup>2</sup>	Lime	Pumice (Volcanic cinder)	Sand and gravel	Stone
1958 ...	...	...	8,106 <sup>3</sup>	257,782	438,495	2,377,073
1959 ...	...	...	...	276,065	463,124	3,033,647
1960 ...	113,000	...	...	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

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 61 -- VALUE OF MINERAL PRODUCTION IN HAWAII: 1958 TO 1963  
(in thousands of dollars)

Year	Total <sup>1</sup>	Cement	Gem Stones	Lime	Pumice (Volcanic cinder)	Sand and gravel	Stone
1958 ...	6,298	--	--	260	481	1,112	4,446
1959 ...	7,630	--	-- <sup>2</sup>	-- <sup>2</sup>	548	1,253	5,480
1960 ...	9,254	571	-- <sup>2</sup>	-- <sup>2</sup>	676	1,324	6,443
1961 ...	14,588	5,574	18	354	626	758	7,656
1962 ...	14,844	6,055	-- <sup>2</sup>	386	380	1,122	6,883
1963 ...	15,307	7,125	36	428	469	764	6,480
1964 ...	19,605	NA	NA	NA	NA	NA	NA

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

2. Figures withheld to avoid disclosure of individual companies.

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

Table 62 -- COMMERCIAL FISH LANDINGS IN HAWAII: 1950 TO 1965

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

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