

SECTION 17

TRANSPORTATION

This section presents statistics relating to public roads, motor vehicles, local public transit, civil aviation, and water traffic.

Most local travel in Hawaii is by private automobile. Motor vehicle registration increased from 309,000 in 1965 to 404,000 in 1970 and 500,000 in 1975. Vehicle miles rose during the same period from 2.45 billion to 4.15 billion. Hawaii residents purchased 30,900 new passenger cars in 1974 and scrapped or shipped out approximately 24,000. By the end of 1975, 531,000 licensed drivers had access to 3,743 miles of streets and highways throughout the State. There was a corresponding rise in the use of local bus service: revenue passengers of the Honolulu Mass Transit Lines increased from 19.4 million in 1971 to 58.3 million in 1975. Registered bicycles numbered 34,530 in 1970 and 99,910 in 1975.

Most scheduled interisland travel is now by air. As recently as 1941, interisland steamers carried 163,000 passengers, while the single airline then operating carried 49,000. Interisland steamer service was discontinued in 1949, but in 1975 hydrofoil service was initiated between Honolulu and other Island ports. In 1975, the two scheduled airlines and a number of air taxis reported 5.3 million interisland passengers, more than three times their 1965 total. The State has 12 commercial airports, 45 general aviation, military, or private airports, 2,956 active pilots, and 324 active civil aircraft.

Rapid growth is similarly evident in transpacific travel. Although surface passenger arrivals dropped from 54,000 in 1959 to 6,000 in 1975, air passengers increased during the same 16-year span from 224,000 to 3.2 million. Between 1936 and 1976, sharp declines occurred in both scheduled flight time between California and Hawaii (from 20 to 5 hours) and minimum roundtrip fare (from \$712 to \$239). Overseas cargo received in the State in 1974 amounted to 48,000 tons by air and 8.6 million tons by ship.

Undocumented State-registered vessels as of December 31, 1975, numbered 12,956, compared with 7,045 in 1965. Median length was 16 feet, and four-fifths were stored on land. There were also 797 documented vessels in the State in 1975, more than double the 1965 total.

The chief source for transportation statistics is the Hawaii State Department of Transportation and its Highways, Harbors, and Airports Divisions. Other sources include the U.S. Coast Guard, Federal Aviation Administration, Army Corps of Engineers, Hawaii State Public Utilities Commission, Honolulu Department of Transportation Services, Cardinal Mailing Services, and individual transportation companies. Similar statistics for other areas are reported in *Statistical Abstract of the United States: 1975*, Sections 21 and 22.

**Table 231.—MILEAGE OF STREETS AND HIGHWAYS, PAVED AND UNPAVED:
1961 TO 1975**

(Excludes military and private thoroughfares)

Year (December 31)	Total	Paved	Unpaved
1961	3,119.75	2,910.75	209.00
1962	3,159.89	2,943.89	216.00
1963	3,183.50	2,997.90	187.60
1964	3,247.10	3,064.40	182.70
1965	3,308.56	3,129.56	179.00
1966	3,372.96	3,193.96	179.00
1967	3,401.52	3,222.62	178.90
1968	3,442.43	3,258.53	183.90
1969	3,511.60	3,325.60	186.00
1970 ¹	3,529.10	3,047.10	482.00
1971	3,598.95	3,098.51	500.44
1972	3,611.48	3,117.38	494.10
1973	3,665.84	3,171.58	494.26
1974	3,659.44	3,269.83	389.61
1975	3,743.44	3,354.59	388.85
ISLANDS: 1975			
Hawaii	1,428.06	1,219.22	208.84
Maui	568.92	474.28	94.64
Lanai	45.76	31.76	14.00
Molokai	124.54	112.54	12.00
Oahu	1,252.74	1,216.48	36.26
Kauai	323.42	300.31	23.11
Niihau	—	—	—

¹ Includes 284.00 miles reclassified from "paved" to "unpaved".

Source: Hawaii State Department of Transportation, Division of Highways, records.

Table 232.—SIGNALIZED INTERSECTIONS, PUBLIC OFF-STREET PARKING SPACES, AND PARKING METERS: DECEMBER 31, 1975

Island	Signalized intersections			Public off-street parking spaces	Parking meters in use ¹
	Total	Under State control	Under County control		
State total	469	192	277	3,177	3,538
Hawaii	18	1	17	400	600
Maui	11	11	—	342	—
Lanai	—	—	—	—	—
Molokai	—	—	—	—	—
Oahu	435	180	255	2,435	2,938
Kauai	5	—	5	—	—

¹Excludes off-street meters.

Source: Hawaii State Department of Transportation, Highways Division; City and County of Honolulu Department of Transportation Services; Departments of Public Works of the Counties of Hawaii, Kauai, and Maui.

Table 233.—MOTOR VEHICLE REGISTRATION, FUEL CONSUMPTION, AND VEHICLE MILES: 1958 TO 1975

Year	Motor vehicle registration ¹			Highway fuel consumption ²		Vehicle miles of travel ³	
	Total	Passenger cars	Other motor vehicles ⁴	Total (1,000 gallons)	Gallons per vehicle	Total (millions)	Per vehicle
1958	202,434	173,744	28,690	121,940	602	1,707.2	8,433
1959	213,808	184,076	29,732	131,528	615	1,841.4	8,612
1960	230,791	199,829	30,962	142,117	616	1,989.6	8,624
1961	244,898	212,650	32,248	147,404	602	2,063.7	8,428
1962	257,215	225,086	32,129	153,061	595	2,142.9	8,330
1963	270,176	237,422	32,754	156,588	580	2,192.3	8,120
1964	288,452	254,249	34,203	165,479	574	2,316.7	8,036
1965	309,331	273,559	35,772	174,982	566	2,449.8	7,924
1966	323,843	286,836	37,007	183,255	566	2,565.6	7,922
1967	335,326	297,766	37,560	194,368	580	2,721.1	8,114
1968	353,888	315,024	38,864	209,597	592	2,934.4	8,292
1969	373,541	332,213	41,328	225,917	605	3,162.8	8,467
1970	404,463	358,255	46,208	243,482	602	3,408.9	8,428
1971	425,210	375,205	50,005	261,476	615	3,660.7	8,609
1972	446,355	392,179	54,176	268,407	601	3,757.7	8,414
1973	476,759	416,663	60,096	289,847	608	4,057.9	8,511
1974 ⁵	487,647	423,642	64,005	279,996	574	3,919.9	8,038
1975 ⁵	500,585	434,088	66,497	296,160	592	4,146.2	8,283

¹Taxable and non-taxable. Excludes military vehicles, motorcycles, motor scooters, trailers, and semi-trailers.

²Includes gasoline, diesel oil, and butane gas.

³Based on an average of 14 miles per gallon.

⁴Ambulances and hearses, buses, trucks, and tractor-trucks.

⁵Adjusted to include vehicles operated by members of the armed forces in Hawaii but registered elsewhere.

Source: Hawaii State Department of Transportation, Highways Division, annual releases and records.

Table 234.—VEHICLE REGISTRATION AND USE AND DRIVERS LICENSES IN FORCE, BY COUNTIES: 1974
(Revised)

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Motor vehicles registered, total ¹	487,647	375,440	50,626	22,560	39,021
Passenger cars	423,642	333,954	39,845	18,286	31,557
Ambulances and hearses	95	58	14	6	17
Buses	1,936	1,430	218	132	156
Trucks	60,135	38,843	10,154	4,019	7,119
Tractor-trucks	1,773	1,096	395	110	172
Other motor vehicles	66	59	—	7	—
Other vehicles registered: ¹					
Trailers and semi-trailers	15,629	9,727	2,754	1,548	1,600
Motorcycles and motor scooters	10,246	8,268	784	365	829
Highway fuel consumption (1,000 gal.)	279,996	216,837	30,455	11,979	20,725
Per motor vehicle (gallons)	574	578	602	531	531
Vehicle miles (millions)	3,919.9	3,035.7	426.4	167.7	290.1
Per vehicle (miles)	8,038	8,086	8,422	7,433	7,436
Drivers licenses in force, Dec. 31	508,774	409,626	43,861	20,292	34,495

¹Taxable and non-taxable. Includes vehicles operated by members of the armed forces in Hawaii but registered elsewhere.
Source: Hawaii State Department of Transportation, Highways Division, records.

Table 235.—VEHICLE REGISTRATION AND USE AND DRIVERS LICENSES IN FORCE, BY COUNTIES: 1975

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Motor vehicles registered, total ¹	500,585	381,999	52,919	23,901	41,766
Passenger cars	434,088	339,729	41,533	19,194	33,632
Ambulances and hearses	98	63	14	5	16
Buses	2,264	1,695	250	158	161
Trucks	62,203	39,326	10,693	4,432	7,752
Tractor-trucks	1,878	1,132	429	112	205
Other motor vehicles	54	54	—	—	—
Other vehicles registered: ¹					
Trailers and semi-trailers	15,853	9,640	2,964	1,679	1,570
Motorcycles and motor scooters	8,569	7,103	569	203	694
Highway fuel consumption (1,000 gal.)	296,160	226,427	33,129	12,927	23,677
Per motor vehicle (gallons)	592	593	626	541	567
Vehicle miles (millions)	4,146.2	3,169.9	463.8	181.0	331.5
Per vehicle (miles)	8,283	8,298	8,764	7,574	7,938
Drivers licenses in force, Dec. 31	531,375	425,370	46,891	22,153	36,961

¹Taxable and non-taxable. Includes vehicles operated by members of the armed forces in Hawaii but registered elsewhere.
Source: Hawaii State Department of Transportation, Highways Division, records.

Table 236.—TAXIS, BY COUNTY: 1960 TO 1975

Year (Dec. 31)	State total	City and Co. of Honolulu	County of Hawaii	County of Kauai	County of Maui			
					County total	Lanai	Maui	Molokai
1960 ¹	1,438	1,327	111
1970	1,567	1,434	57	28	48	2	42	4
1973	1,847	1,680	56	26	85	2	77	6
1974	1,802	1,612	55	24	111	2	101	8
1975	1,683	1,487	55	31	110

¹State total excludes Kauai and Maui Counties, not available for 1960. For a variant State total for 1960, and also data for 1939, 1948, 1952, 1958 and 1959, see Harry T. Oshima and Mitsuo Ono, *Hawaii's Income and Expenditures, 1958, 1959, and 1960*, Vol. III (University of Hawaii, Economic Research Center, January 1965), p. IX-48.

Source: County departments of finance, records.

Table 237.—REGISTERED BICYCLES, BY COUNTIES: 1960 TO 1975

Year	State total ¹	City and County of Honolulu	County of Hawaii	County of Kauai ²	County of Maui ³
1960.....	25,880	20,821	2,227	...	2,832
1965.....	28,085	22,283	2,857	...	2,945
1970.....	34,530	28,749	2,489	...	3,292
1971.....	52,485	44,159	2,735	2,141	3,450
1972.....	79,188	68,620	3,766	2,729	4,073
1973.....	91,052	79,177	3,947	3,049	4,879
1974.....	107,826	91,504	6,118	4,034	6,170
1975.....	99,910	85,976	4,927	3,693	5,314

¹Excludes Kauai before 1971.

²Records before 1971 lost in fire.

³Includes Maui, Molokai, and Lanai.

Source: Compiled by Hawaii State Department of Planning and Economic Development from County Finance Departments.

Table 238.—AUTOMOBILES AVAILABLE AND MEANS OF TRANSPORTATION TO WORK: 1960 AND 1970

Number of automobiles available	Households		Means of transportation to work	Workers	
	1970	1960		1970	1960
All households	203,089	153,012	All workers ¹	327,310	248,406
None	22,170	25,871	Private automobile, driver	213,521	} 156,992
One	93,854	88,320	Private automobile, passenger	44,493	
Two	69,343	32,577	Bus	19,470	20,039
Three or more	17,722	6,244	Walked only	33,003	22,214
			Other means	11,296	10,173
Percent, two or more	42.9	25.4	Worked at home	5,527	32,843

¹Includes not reported (6,145 in 1960).

Source: *U.S. Census of Housing: 1960*, Final Report HC(1)-13, table 6; *U.S. Census of Population: 1960*, Final Report PC(1)-13C, table 64; *U.S. Census of Housing: 1970*, Final Report HC(1)-B13, table 36; *U.S. Census of Population: 1970*, Final Report PC(1)-C13, table 50.

**Table 239.—COMPONENTS OF CHANGE IN PASSENGER MOTOR VEHICLE REGISTRATION:
1963 TO 1975**

Year	Number of passenger cars			Out-shipments of automobiles and auto parts (tons) ²
	Net increase ¹	New registrations	Scrapped or shipped out	
1963.....	12,336	19,442	7,106	14,693
1964.....	16,827	23,898	7,071	18,024
1965.....	19,310	27,431	8,121	11,676
1966.....	13,277	28,502	15,225	11,861
1967.....	10,930	28,608	17,678	8,662
1968.....	17,258	33,917	16,659	9,260
1969.....	17,189	39,148	21,959	9,212
1970.....	26,042	36,627	10,585	11,050
1971.....	16,950	35,984	19,034	16,157
1972.....	16,974	37,484	20,510	14,394
1973.....	24,484	41,919	17,435	16,420
1974.....	6,979	30,932	23,953	31,423
1975.....	10,446	33,693	23,247	(NA)

NA Not available.

¹From previous registration year.

²Excludes parts before 1965.

Source: Net increase from Hawaii State Department of Transportation, Highways Division, records; new registrations from Federal Reserve Bank of San Francisco, *Western Economic Indicators* (monthly); outshipment tonnage from U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States* (annual); vehicles scrapped or shipped out computed as residual.

Table 240.—NEW MOTOR VEHICLE REGISTRATIONS, BY COUNTY: 1975

Kind of motor vehicle	State total	City & Co. of Honolulu	Hawaii County	Kauai County	Maui County
Passenger cars	35,450	28,199	3,480	1,066	2,705
Domestic	19,089	14,519	2,119	635	1,816
Chevrolet	4,250	3,075	609	148	418
Dodge	2,488	1,555	476	159	298
Ford	5,114	3,983	519	138	474
Plymouth	1,491	1,190	83	43	175
Pontiac	864	776	39	29	20
Other makes	4,882	3,940	393	118	431
Foreign	16,361	13,680	1,361	431	889
Datsun	3,402	2,673	125	141	463
Toyota	5,784	4,656	884	104	140
Volkswagen	3,208	2,613	208	143	244
Other makes	3,967	3,738	144	43	42
Trucks	5,053	3,100	901	391	661
Domestic	3,668	2,226	693	262	487
Foreign	1,385	874	208	129	174

Source: Motor Vehicle Registrations—Hawaii, A Division of Cardinal Mailing Services, Ltd., monthly tabulations.

**Table 241.—MOTOR VEHICLE DEATHS AND TRAFFIC DEATHS, INJURIES, AND MAJOR ACCIDENTS:
1959 TO 1975**

Year	Motor vehicle deaths ¹	Traffic deaths	Traffic injuries	Major traffic accidents ²
1959.....	96	78	4,176	6,202
1960.....	117	96	4,754	7,254
1961.....	98	81	5,273	7,785
1962.....	95	85	5,525	8,104
1963.....	101	86	5,726	7,862
1964.....	109	97	7,023	8,720
1965.....	111	99	7,493	9,495
1966.....	131	116	8,051	10,225
1967.....	149	138	8,707	11,529
1968.....	169	147	10,082	13,989
1969.....	153	133	10,603	16,174
1970.....	165	153	11,743	18,172
1971.....	172	154	10,934	18,048
1972.....	156	146	11,141	18,259
1973.....	148	136	11,860	19,544
1974.....	142	129	10,022	14,855
1975.....	(NA)	146	10,554	13,895

¹Traffic and non-traffic deaths combined, on a place of occurrence basis. Non-traffic motor vehicle deaths include those occurring on military bases and private property.

²Traffic accidents with damage of \$100 or more (\$300 or more effective July 1, 1974) or causing injury or death.

Source: Hawaii State Department of Transportation, Highways Division, *Major Traffic Accidents* (annual) and records; Hawaii State Department of Health, records.

Table 242.—BUS SERVICE, FOR OAHU: 1955 TO 1975

(Data refer to service provided by Honolulu Rapid Transit Co., Ltd., 1955-1970, and by Mass Transit Lines beginning in 1971.)

Year	Buses, Dec. 31	Trolley coaches, Dec. 31	Revenue passengers	Year	Buses, Dec. 31	Revenue passengers	Year	Buses, Dec. 31	Revenue passengers
1955	123	85	29,658,374	1960	198	29,083,700	1965	176	23,190,704
1956	123	85	29,900,409	1961	193	26,116,687	1966	146	23,694,206
1957	198	—	29,786,647	1962	186	24,530,398	1967 ¹	146	18,301,341
1958	198	—	29,350,543	1963	198	22,922,296	1968	143	23,514,205
1959	198	—	29,336,610	1964	202	22,945,470	1969	141	24,079,233

Year	Buses, Dec. 31	Bus mileage ²	Passengers								
			Total	Adults	Students	Revenue transfers	Stadium express	Chartered service ³	Senior citizens	School subsidy	Free transfers
1970 ⁴	141	4,611,357	30,434,906	20,667,713	2,866,354	—	—	159,480	—	—	6,741,359
1971 ⁵	108	2,986,724	19,413,259	12,845,695	1,855,745	—	—	—	1,994,747	41,658	2,675,414
1972 ⁶	143	4,964,044	31,031,764	16,572,443	5,459,399	93,225	—	21,935	3,614,840	81,108	5,188,814
1973 ⁷	315	7,973,393	36,741,009	18,791,719	7,044,095	293,682	—	31,653	4,163,482	77,926	6,338,452
1974 ⁸	333	11,670,774	50,519,626	25,348,211	10,418,417	107,035	—	35,593	5,521,982	87,236	9,001,152
1975	350	13,328,501	58,295,732	28,466,844	12,691,968	—	7,106	48,079	7,033,193	95,488	9,953,054

¹Service suspended during 48-day strike, March-May 1967.

²Includes mileage for regular public bus lines, school subsidies, and chartered services.

³Under HRT, chartered services were provided for both public and private groups, including special events, excursions and field trips. Under MTL, service is provided for intercity functions.

⁴Passenger total excludes 2,277,502 zone fares; total revenue passengers (adult, student, and chartered) numbered 23,693,547. Under HRT, service was limited largely to Honolulu and Halawa. Service was suspended during a one-day strike in August 1970.

⁵Bus service by HRT was terminated by a strike that began January 1, 1971 and is still in progress. MTL commenced service on March 1, 1971, with routes extending from Kalihi to Hawaii Kai.

⁶Service provided from Pearl Harbor to Hawaii Kai; extended to Windward Oahu and North Shore on August 13, 1972.

⁷Service extended to Waianae coast in April 1973.

⁸Islandwide service after March 15, 1974, when MTL began operation of Leeward Bus Company lines.

Source: Honolulu Rapid Transit Co., Ltd., records; Public Utilities Commission, records; City and County of Honolulu, Department of Transportation Services, Bus Systems Division, records.

Table 243.—STEAM RAILROAD MILEAGE AND PASSENGERS: 1970 TO 1975

Calendar year	Miles of track	Passengers
1970 ¹	6	341,882
1971	6	
1972 ²	6	(NA)
1973 ³	6	35,079
1974	6	62,619
1975	6	70,974

NA Not available

¹The Lahaina, Kaanapali & Pacific Railroad commenced service on May 10, 1970. Previously, rail passenger service had been available on Maui until 1936, Hawaii until 1946, and Oahu until 1947.

²Service suspended October 10, 1972-June 29, 1973.

³Service resumed June 30, 1973.

Source: Lahaina, Kaanapali & Pacific Railroad, records.

Table 244.—INTERISLAND AND TRANSPACIFIC REVENUE PASSENGERS, BY MODE OF TRAVEL: 1958 TO 1975

Year	Interisland passengers		Transpacific passengers				
	Surface arrivals ¹	Air arrivals ²	Surface ³		Air ⁴		
			Arrivals	Departures	Arrivals	Departures	Through
1958	—	635,659	50,061	45,604	164,592	168,724	79,884
1959	—	819,548	53,723	46,314	224,449	220,682	90,127
1960	—	955,610	43,862	37,041	367,513	373,672	44,404
1961	—	939,336	35,700	32,402	422,657	443,686	59,729
1962	—	979,756	36,781	30,144	508,025	501,499	74,552
1963	—	1,144,265	35,136	27,624	595,350	593,917	106,473
1964	—	1,340,996	30,738	25,439	706,821	694,711	114,727
1965	—	1,538,392	29,868	24,122	833,415	828,967	131,873
1966	—	1,754,970	29,612	24,899	1,000,687	973,158	151,634
1967	—	2,117,557	28,830	24,046	1,285,210	1,252,700	162,119
1968	—	2,347,949	26,603	22,496	1,358,335	1,307,447	183,864
1969	—	2,724,622	24,089	21,339	1,766,720	1,769,087	270,340
1970	—	2,992,777	13,267	13,699	2,190,809	2,158,577	893,890
1971	—	3,380,031	8,943	8,024	2,296,119	2,304,570	729,237
1972	—	4,093,338	10,725	8,820	2,540,472	2,550,199	733,362
1973	—	4,809,097	9,742	7,585	2,866,003	2,913,446	870,378
1974	—	5,174,914	5,756	5,975	3,009,769	2,964,992	885,122
1975	71,807	5,321,616	5,795	5,284	3,181,580	3,134,774	956,576

¹Scheduled interisland passenger service was discontinued in 1949 and resumed in 1975.

²Includes air taxis in all years and nonrevenue passengers beginning in 1970.

³Port of Honolulu only. Excludes through passengers. For years ended June 30.

⁴Includes nonrevenue passengers beginning in 1970. Treatment of through passengers was apparently changed after 1959 and again after 1969.

Source: Hawaii State Department of Transportation, records.

Table 245.—AIRPORTS AND HELIPORTS, BY CONTROL: JUNE 30, 1975

Type	All facilities	State		Military	Private
		Commercial	General aviation		
Airports	57	12	4	6	35
Heliports	10	—	1	(NA)	9

NA Not available.

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 246.—PILOTS, CIVIL AIRCRAFT, AND AIRCRAFT OPERATIONS: 1960 TO 1975

Year	Active pilots, Dec. 31 ¹	U.S. active civil aircraft, Dec. 31		Aircraft operations ²		
		Air carrier	General aviation	Honolulu International Airport	Gen. Lyman Field, Hilo	Kahului Airport
1960	778	24	77	253,742	34,548	47,503
1965	1,340	23	146	288,288	44,559	64,603
1970	2,218	20	241	300,629	52,183	77,451
1971	2,409	17	249	294,874	56,167	76,768
1972	2,526	(NA)	(NA)	297,861	50,333	75,467
1973	2,786	291		309,144	48,138	75,478
1974	2,956	16	308	305,724	47,715	75,186
1975	(NA)	(NA)	(NA)	319,781	51,145	77,062

NA Not available

¹Data for 1971, 1973 and 1974 include active pilots in American Samoa, Canton Island, Wake Island, and Guam, as well as Hawaii.

²An aircraft operation is an aircraft arrival or departure.

Source: Federal Aviation Administration, *FAA Statistical Handbook of Aviation* (annual); Hawaii State Department of Transportation, Airports Division, records.

Table 247.—AIRCRAFT OPERATIONS, BY TYPE, FOR SPECIFIED AIRPORTS: 1975

Airport	All operations	Air carrier	Air taxi	General aviation	Military
Honolulu Int. Airport	319,781	108,451	48,260	111,813	51,257
Hilo (Lyman Field)	51,145	20,056	2,756	14,622	13,711
Kahului Airport	77,062	35,135	18,120	14,488	9,319

Source: Hawaii State Department of Transportation, Airports Division, records.

Table 248.—AIR CARGO AND AIR MAIL: 1958 TO 1975
(In thousands of pounds)

Year ¹	Overseas air cargo ²			Overseas air mail ²			Interisland ³	
	Outgoing	Incoming	Through	Outgoing	Incoming	Through	Air cargo: incoming	Air mail: incoming
1958	1,544	2,480	5,453	2,017	2,382	3,258	23,365	857
1959	1,787	4,055	7,710	2,191	2,871	4,563	22,385	936
1960	9,898	12,092	(NA)	7,955	8,702	(NA)	25,333	1,036
1961	10,902	14,028	6,170	12,992	15,767	1,060	26,207	1,279
1962	16,497	20,705	8,099	15,202	16,954	962	29,427	1,429
1963	14,840	17,082	4,996	15,388	17,193	723	32,634	1,698
1964	19,611	22,826	9,218	14,824	16,812	46	40,298	2,062
1965 ⁴	31,732	40,985	11,948	26,208	27,700	230	39,565	4,897
1966	43,490	57,907	13,877	64,356	67,036	128	38,767	11,736
1967	65,156	80,198	11,515	117,969	121,386	78	41,978	12,039
1968	66,960	83,986	21,075	117,929	121,096	2,534	38,215	12,236
1969	42,391	77,760	23,666	80,405	81,051	1,335	44,150	12,534
1970	37,553	54,285	(NA)	21,362	18,109	(NA)	52,139	14,141
1971 ⁵	67,131	116,591	(NA)	17,915	24,883	(NA)	51,389	14,332
1972 ⁶	55,908	108,178	(NA)	16,665	22,739	(NA)	59,900	14,774
1973	57,494	87,834	(NA)	16,123	21,001	(NA)	69,710	16,453
1974	79,054	96,393	(NA)	16,185	21,528	(NA)	79,576	16,594
1975	95,287	112,338	(NA)	36,934		(NA)	81,515	17,830

NA Not available.

¹Fiscal years ended June 30, 1958 to 1960; calendar years, 1961 and later.

²For traffic at Honolulu International Airport (all years) and General Lyman Field, Hilo (beginning in 1967). Comparability of these data varies significantly from year to year, as a result of fluctuations in completeness of reporting, inclusion of through traffic in outgoing and incoming totals, and other reasons. Major disruptions in classification procedures or coverage appear to have occurred in 1960 and, for air mail data, after 1968.

³All airports. Cargo totals include air freight and air express.

⁴Data reflect the airlifting of all interisland third- and fourth-class mail beginning in October 1965.

⁵Data reflect the shipping strike of July 1, 1971–October 6, 1971.

⁶Data reflect the shipping strikes of January 17–February 19 and October 25–December 7, 1972.

Source: Hawaii Aeronautics Commission, *Annual Report* for 1958–1960; Hawaii State Department of Transportation, Airports Division, tabular releases and records.

Table 249.—PASSENGERS, CARGO, AND MAIL, BY AIRPORT: 1975

Airport	Passengers ¹		Cargo (1,000 lb.)		Mail (1,000 lb.)	
	In	Out	In	Out	In	Out
OVERSEAS						
Total	3,181,580	3,134,774	112,338	95,287	36,934	
Honolulu	3,080,418	3,008,635	106,373	72,977	36,934	
Hilo (Lyman)	101,162	126,139	5,965	22,310	—	—
INTERISLAND						
Total	5,321,616	5,321,616	81,515	81,515	17,830	17,830
Honolulu	2,170,167	2,140,647	26,544	47,218	3,918	13,383
Hilo (Lyman)	536,219	522,951	11,643	20,937	4,353	1,291
Upolu	1,103	1,108	—	—	—	—
Waimea	38,560	34,304	910	1,862	116	117
Ke-ahole	434,189	431,772	4,894	2,589	1,371	451
Kahului	1,092,287	1,087,270	20,774	5,964	4,405	1,579
Hana	7,418	7,926	—	2	—	—
Kaanapali	31,118	31,124	1,045	172	—	—
Molokai	77,186	76,384	1,452	1,043	360	97
Kalaupapa	4,039	4,342	243	47	25	9
Lanai	22,081	21,571	1,247	255	137	32
Lihue	956,447	961,618	12,713	1,424	3,140	867
Other	802	599	50	2	—	—

¹ Revenue and non-revenue, including Military Airlift Command (MAC). Excludes overseas passengers in transit (956,576 through Honolulu International Airport; not reported for General Lyman Field).

Source: Hawaii State Department of Transportation, Airports Division.

**Table 250.—AIR FARES AND FLIGHT TIMES FOR SPECIFIED INTERISLAND AND TRANSPACIFIC FLIGHTS:
1966 TO 1976**

Subject	Jan. 1, 1966	Jan. 1, 1975	Jan. 1, 1976	Subject	Jan. 1, 1966	Jan. 1, 1975	Jan. 1, 1976
HAWAIIAN AIR LINES				PAN AMERICAN WORLD AIRWAYS Con.			
Honolulu-Hilo:				Economy fare (weekends) ¹	110.03	142.39	142.39
Fare ¹	20.10	28.38	28.38	Fare	110.00	139.00	139.00
Fare	19.14	25.93	25.93	Tax	0.03	3.00	3.00
Tax	0.96	2.07	2.07	Security charge	—	0.39	0.39
Security charge	—	0.38	0.38				
Aircraft	DC-6B	DC-9-30	DC-9-50	Economy fare (weekdays) ¹	110.03	126.39	126.39
Flight time ²	1:04	0:41	0:40	Fare	110.00	123.00	123.00
Honolulu-Maui/ Kauai:				Tax	0.03	3.00	3.00
Fare ¹	13.20	21.38	21.38	Security charge	—	0.39	0.39
Fare	12.57	19.44	19.44				
Tax	0.63	1.56	1.56	Thrift fare (weekends) ¹	100.03	131.39	134.39
Security charge	—	0.38	0.38	Fare	100.00	131.00	131.00
PAN AMERICAN WORLD AIRWAYS (HONOLULU- SAN FRANCISCO)				Tax	0.03	3.00	3.00
First Class fare ¹	150.05	204.42	204.42	Security charge	—	0.39	0.39
Fare	150.00	201.00	201.00				
Tax	0.05	3.00	3.00	Thrift fare (weekdays) ¹	100.03	119.38	119.38
Security charge	—	0.42	0.42	Fare	100.00	116.00	116.00
				Tax	0.03	3.00	3.00
				Security charge	—	0.38	0.38
				Aircraft	B-707	B-747	B-747
				Flight time ²	4:55	5:02	4:58

¹Total one-way fare, including taxes and other charges. In dollars.

²Average scheduled flight time eastbound and westbound, in hours and minutes.

Source: Hawaii State Department of Planning and Economic Development, *Chronology of Airline Fares and Flight Times, 1929-1974* (Statistical Report 103, June 18, 1974); Hawaiian Air Lines, printed schedules; Pan American World Airways, printed schedules.

Table 251.—STATE COMMERCIAL HARBORS: 1976

Island and harbor	Harbor entrance depth (feet)	Harbor basin			Piers (linear feet)	Storage area (1,000 square feet)	
		Depth (feet)	Length (feet)	Width (feet)		Shedded	Open
Hawaii:							
Hilo	35	35	2,300	1,400	2,600	104	321
Kawaihae	40	35	1,500	1,450	1,015	23	71
Maui:							
Kahului	35	35	2,400	2,050	2,300	146	169
Molokai:							
Kaunakakai	23	23	1,500	600	687	5	288
Oahu:							
Honolulu:							
Main	40	35	3,300	1,520	17,000	2,073	3,645
Kapalama			3,400	1,000			
Kauai:							
Nawiliwili	40	35	1,950	1,540	1,140	60	104
Port Allen	35	35	1,500	1,200	1,200	24	33

Source: Hawaii State Department of Transportation, Harbors Division, *Hawaii State Commercial Harbors* (undated leaflet) and records.

Table 252.—DOCUMENTED AND NUMBERED REGISTERED VESSELS: 1960 TO 1975

Year	Documented vessels ¹	Numbered vessels ²
1960	208	3,081
1965	298	7,045
1970	553	8,042
1971	597	8,803
1972	621	10,250
1973	692	12,049
1974	707	11,843
1975	797	12,956

¹Vessels documented under the laws of the United States with the U.S. Coast Guard in Hawaii. All vessels over five net tons, used for commercial purposes, must be documented. In addition, yachts over five net tons may be documented. Data are as of January 1, 1960 and 1965, June 30, 1970 to 1973, August 22, 1974, and September 1, 1975.

²Non-documented numbered vessels registered with the U.S. Coast Guard (1960 and 1965) or Hawaii State Department of Transportation (1970 and later years). Any mechanically propelled boat (including those with auxiliary engines), and any boat powered solely by sail if over eight feet in length, must be numbered. Data are as of December 31, 1970 and later years; the exact dates for 1960 and 1965 are unspecified.

Source: U.S. Coast Guard, records; Hawaii State Department of Transportation, *Report of Undocumented Vessel Registration* (annual).

Table 253.—UNDOCUMENTED STATE-REGISTERED VESSELS: DECEMBER 31, 1975

Subject	Number	Subject	Number
Certificates outstanding	12,956	Type of vessel: ¹	
Length:		Cabin motorboat	1,284
Under 16 feet	6,229	Open Motorboat	5,214
16 to less than 26 feet	5,583	Runabout	3,102
26 to less than 40 feet	930	Sail/inboard	398
40 to 65 feet	164	Sail/outboard	652
Over 65 feet	5	Sail only	1,757
Dealers or manufacturers	45	Motor vessel over 65 feet	5
Hull materials:		Other	499
Wood	3,576	Uses:	
Steel	34	Pleasure	11,736
Aluminum	378	Commercial fishing	683
Plastic	8,643	Charter fishing	11
Other	325	Commercial passenger	27
Propulsion:		Other commercial	35
Inboard	756	Livery	52
Outboard	7,992	Dealers or manufacturers	45
Inboard/outboard	1,219	Youth group	40
Sail/inboard	422	Government	255
Sail/outboard	587	Other	72
Sail only	1,794	Island kept: ¹	
Other	186	Hawaii	1,298
Type of storage: ¹		Kauai	929
On water	2,556	Lanai	53
On land	10,355	Maui	666
		Molokai	217
		Oahu	9,748

¹Excludes dealers and manufacturers (45).

Source: Hawaii State Department of Transportation, Harbors Division, *Report of Undocumented Vessel Registration* (annual).

Table 254.—SHIP ARRIVALS AT THE PORT OF HONOLULU: 1958 TO 1975

Year ended June 30	Overseas vessels		Interisland vessels	
	Number	Gross tonnage	Number	Gross tonnage
1958	1,256	11,480,481	2,143	1,027,399
1959	1,243	11,405,574	2,319	1,097,002
1960	1,411	12,305,187	2,272	1,061,299
1961	1,518	12,698,928	2,460	1,142,823
1962	1,818	13,093,578	2,522	1,150,294
1963	1,799	12,486,677	2,550	1,118,590
1964	2,064	13,102,772	2,446	1,275,239
1965	1,948	12,992,469	2,551	1,125,203
1966	1,941	14,654,173	2,877	1,219,665
1967	1,684	13,820,896	2,652	1,422,467
1968	1,774	15,277,355	2,474	1,413,915
1969	1,903	15,954,257	2,961	2,458,333
1970 ¹	1,933	16,053,275	3,321	2,167,733
1971 ¹	1,879	15,629,860	3,356	2,339,132
1972	1,847	15,267,302	3,096	1,875,681
1973	1,801	14,373,090	3,602	2,185,872
1974	1,587	13,465,620	3,666	2,879,354
1975	1,602	13,025,705	3,440	2,411,933

¹Tonnage estimated.

Source: *Annual Report of the Board of Harbor Commissioners* for 1958–1961; Hawaii State Department of Transportation, Harbors Division, *Statistical Report . . . 1962, Shipping Information* for 1963–1968, and records.

Table 255.—VESSELS ARRIVING AT SPECIFIED HARBORS: 1974

Harbor	Total inbound vessels	By type of vessel					By draft	
		Self propelled vessels			Non-self pro- pelled vessels		18 feet and less	19 feet and more
		Pass. and dry cargo	Tanker	Towboat or tugboat	Dry cargo	Tanker		
All spec. harbors	14,153	8,837	308	3,090	1,836	82	(NA)	(NA)
Hilo	471	127	32	173	135	4	376	95
Kawaihae	195	12	8	123	52	—	173	22
Kahului	785	245	23	281	228	8	699	86
Kaunakakai	901	—	—	600	301	—	(NA)	(NA)
Kalaupapa	3	—	—	3	—	—	3	—
Honolulu	5,832	3,230	110	1,479	986	27	5,022	810
Pearl Harbor	5,291	5,149	37	89	9	7	(NA)	(NA)
Barbers Point	257	—	85	122	16	34	171	86
Nawiliwili	304	60	13	148	81	2	274	30
Port Allen	114	14	—	72	28	—	(NA)	(NA)

NA Not available.

Source: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 1974, Part 4* (1975), pp. 106–107.

Table 256.—FREIGHT AND PASSENGER TRAFFIC FOR SPECIFIED HARBORS: 1958 TO 1974

Year	Passengers ¹			Freight (1,000 short tons) ²			
	Hilo Harbor	Honolulu Harbor ³	Kahului Harbor	Barbers Point Harbor	Hilo Harbor	Honolulu Harbor	Kahului Harbor
1958	785	145,954	374	...	647.9	4,125.7	536.6
1959	725	123,921	304	...	905.9	4,296.9	676.4
1960	4,047	112,298	614	...	807.8	5,041.3	638.0
1961	1,356	116,847	309	686.5	733.4	4,263.3	694.3
1962	1,157	108,750	17	469.3	835.2	4,295.2	714.6
1963	74	90,937	449	1,782.5	728.2	4,421.5	624.5
1964	1,492	213,004	13	2,248.4	874.5	4,755.7	787.3
1965	70	139,031	78	2,416.1	775.0	5,480.0	741.2
1966	4,000	160,565	1,086	2,469.7	835.0	6,180.8	895.4
1967	5,194	363,488	16	2,363.8	882.5	6,640.2	875.5
1968	9,880	535,287	1,930	2,472.5	991.1	6,828.9	957.2
1969	9,288	604,482	125	2,918.8	990.5	7,057.9	868.5
1970	4,457	690,906		2,561.6	1,141.2	8,078.1	1,083.4
1971	2,148	518,603		2,677.5	1,064.4	7,390.0	1,067.9
1972	658	796,694		3,420.4	1,108.1	7,960.4	1,297.8
1973		989,100		3,944.9	1,041.6	8,188.5	1,042.8
1974	9,600	987,475	9,600	4,360.2	928.6	7,556.9	982.1

¹Total arrivals and departures for transpacific, interisland, and local travel.

²Excludes cargo carried by Army and Navy vessels and cargo in transit.

³Most of the increase in passenger traffic after 1963 appears to be a result of excursion travel between Honolulu Harbor or Kewalo Basin and Pearl Harbor. For separate statistics on this category, see the next table.

Source: U.S. Army, Corps of Engineers, *Waterborne Commerce of the United States* (annual).

Table 257.—PASSENGER ARRIVALS AND DEPARTURES FOR HONOLULU HARBOR: 1969 TO 1975

Year	All passengers	To or from foreign countries		To or from other states		Island excursions ¹	
		Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
1969	604,482	23,500	21,258	14,028	13,746	265,204	266,746
1970	690,906	21,189	19,745	4,825	7,046	319,094	319,007
1971	518,603	25,165	20,520	6,749	6,773	229,730	229,666
1972	796,694	24,996	15,907	6,353	5,087	372,176	372,175
1973	989,100	21,544	14,863	4	68	476,311	476,310
1974	987,475	12,831	11,078	—	—	481,783	481,783
1975	1,073,125	11,414	9,270	2,587	2,698	521,191	525,965

¹Mostly between Kewalo Basin and Pearl Harbor.

Source: Department of the Army, Lower Mississippi Valley Division, Corps of Engineers, Waterborne Commerce Statistics Center.

Table 258.—OVERSEAS AND INTERISLAND SHIPPING: 1960 TO 1974
(In revenue tons of 2,000 lb.)

Calendar year	Overseas cargo tons			Interisland cargo tons		
	Total	In	Out	Total	In	Out
1960	5,575,224	3,705,214	1,870,010	1,988,623	1,006,222	982,401
1961	4,703,644	2,720,695	1,982,949	2,168,883	1,040,586	1,128,297
1962	5,069,625	2,844,526	2,225,099	2,534,454	1,249,410	1,285,044
1963	5,079,475	2,935,012	2,144,463	2,564,264	1,271,689	1,292,575
1964	5,587,016	3,203,510	2,383,506	2,697,873	1,351,662	1,346,211
1965	5,785,111	3,408,059	2,377,052	3,213,134	1,512,810	1,700,324
1966	6,850,718	4,050,678	2,800,040	3,380,431	1,686,898	1,693,533
1967	7,136,017	4,334,536	2,801,481	3,536,997	1,767,764	1,769,233
1968	9,185,880	6,498,986	2,686,894	3,689,409	1,844,704	1,844,705
1969	9,440,891	7,185,809	2,255,082	3,941,074	1,969,987	1,971,087
1970	9,610,764	7,464,651	2,146,113	4,788,130	2,394,065	2,394,065
1971	9,442,634	7,097,445	2,345,189	4,190,708	2,091,490	2,099,218
1972	10,024,122	7,631,789	2,392,333	5,851,128	2,800,702	3,050,426
1973	11,287,536	8,203,106	3,084,430	4,679,121	2,300,634	2,378,487
1974	11,156,346	8,581,226	2,575,120	3,780,896	1,904,501	1,876,395

Source: Hawaii State Department of Transportation, records.

Table 259.—FREIGHT TRAFFIC FOR SPECIFIED HARBORS: 1974
(Short tons)

Harbor and commodity ¹	Total	Foreign		Domestic			
		Imports	Exports	Coastwise ²		Internal receipts	Local
				Receipts	Shipments		
Hilo	928,619	36,203	18	517,724	374,446	228	-
Sugar	224,008				224,008	--	--
Kawaihae	291,036			65,979	225,032	25	
Hana	3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kahului	982,110	21,481	5,543	607,538	347,442	106	
Kaunakakai	162,010	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kalaupapa	1,083	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu	7,556,891	1,593,924	75,021	3,877,922	2,000,132	73	9,819
Fresh fruits and tree nuts	291,038	761	252	244,400	45,625	--	--
Sand, gravel, crushed rock	217,727	47,675		158,870	11,182	--	--
Prep. fruit and veg. juice	411,865	1,334	7,099	7,727	395,703	--	--
Sugar	265,761	--	98	2,333	263,330	--	--
Molasses	268,324	--		100,739	163,915	--	3,670
Gasoline	316,962	12,849	7,637	278,512	14,394	--	3,570
Kerosene	1,165,551	939,810	1,332	221,768	2,641	--	--
Residual fuel oil	530,950	68,399	5,884	354,559	101,001		1,107
Fabricated metal products	212,359	12,051	118	139,330	60,860	--	--
Pearl Harbor	553,273	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Residual fuel oil	292,128	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Barbers Point	4,360,221	2,660,826	30,272	766,416	902,707		
Crude petroleum	2,074,428	2,036,554		37,874	--		
Distillate fuel oil	670,289	409,967	26,214		234,108		
Residual fuel oil	1,276,797	104,934		723,788	448,075		
Nawiliwili	380,495	10,372		172,163	197,938	22	
Port Allen	87,200	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

¹Commodities under 200,000 tons not shown separately.

²Includes both interisland and interstate traffic.

Source: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 1974*, Part 4 (1975), pp. 31-38.

Table 260.—BOATING ACCIDENTS: 1970 TO 1975

Year	Number of accidents		Number of persons		Number of vessels involved	Amount of damage (\$1,000)
	Total	Fatal	Killed	Injured non-fatally		
1970	36	1	1	2	44	82.6
1971	15	2	2	--	16	64.8
1972	37	7	9	7	43	254.1
1973	27	1	1	2	30	126.1
1974	63	5	5	3	77	353.3
1975	62	4	4	13	74	228.2

Source: U.S. Department of Transportation, Coast Guard, *Boating Statistics* (annual).