

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 231,000 in 1960 to 404,000 in 1970 and 484,000 in 1974. Vehicle miles rose during the same period from 2.0 billion to 3.9 billion. Hawaii residents purchased 41,900 new passenger cars in 1973 and scrapped or shipped out approximately 15,300. By the end of 1974, 509,000 licensed drivers had access to more than 3,600 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 50.5 million in 1974. Registered bicycles numbered 34,530 in 1970 and 107,826 in 1974.

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 1974, the two scheduled airlines and a number of air taxis reported 5.2 million interisland passengers, four times their 1964 total.

Similar growth is evident in transpacific travel. Although surface passenger arrivals dropped from 54,000 in 1959 to 6,000 in 1974, air passengers increased during the same 15-year span from 224,000 to 3.0 million. Between 1936 and 1975, sharp declines occurred in both scheduled flight time between California and Hawaii (from 20 to 5 hours) and minimum round-trip fare (from \$712 to \$239). Overseas cargo received in the State in 1973 amounted to 44,000 tons by air and 8.2 million tons by ship.

Undocumented State-registered vessels as of December 31, 1974, numbered 11,843, compared with 3,081 in 1960. Median length was 16 feet, and almost four-fifths were stored on land. There were also 707 documented vessels in the State in 1974, more than triple the 1960 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: 1974*, Sections 21 and 22.

Table 220.—SIGNALIZED INTERSECTIONS, PUBLIC OFF-STREET PARKING SPACES, AND PARKING METERS: DECEMBER 31, 1974

Island	Signalized intersections ¹			Public off-street parking spaces	Parking meters in use
	Total	Under State control	Under County control		
State total	453	140	313	3,247	6,271
Hawaii	19	1	18	234	792
Maui	11	11	—	245	—
Lanai	—	—	—	—	—
Molokai	—	—	—	—	—
Oahu	418	128	290	2,768	5,479
Kauai	5	—	5	—	—

¹For earlier years, see the 1974 *Data Book*, table 211, p. 208.

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

Table 221.—MOTOR VEHICLE REGISTRATION, FUEL CONSUMPTION, AND VEHICLE MILES: 1958 TO 1974

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	484,448	420,443	64,005	279,996	578	3,919.9	8,092

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.

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

Table 222.—VEHICLE REGISTRATION AND USE, DRIVERS LICENSES IN FORCE, AND STREET AND HIGHWAY MILEAGE, BY COUNTIES: 1974

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Motor vehicles registered	484,448	372,241	50,626	22,560	39,021
Passenger cars	420,443	330,755	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 vehicles	66	59	—	7	—
Other vehicles registered:					
Trailers, semi-trailers	15,629	9,727	2,754	1,548	1,600
Motorcycles, motor scooters	9,940	7,962	784	365	829
Highway fuel consumption (1,000 gal.)	279,996	216,837	30,455	11,979	20,725
Per motor vehicle (gallons)	578	583	602	531	531
Vehicle miles (millions)	3,919.9	3,035.7	426.4	167.7	290.1
Per vehicle (miles)	8,092	8,155	8,422	7,433	7,436
Drivers licenses in force, Dec. 31	508,774	409,626	43,861	20,292	34,495
Mileage in public sts. and hwy., Dec. 31	3,659.44	1,229.72	1,370.77	319.73	739.22
Paved	3,269.83	1,193.46	1,161.17	296.62	618.58
Unpaved	389.61	36.26	209.60	23.11	120.64
De facto population per motor vehicle ¹	1.86	1.96	1.53	1.59	1.51
Motor vehicles per mile of street or hwy.	132.4	302.7	36.9	70.6	52.8

¹Based on provisional estimates in DPED Statistical Report 106 (Feb. 24, 1975), table 2.
Source: Hawaii State Department of Transportation, Highways Division, records.

Table 223.—TAXIS, BY COUNTY: 1960 TO 1974

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

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 224.—REGISTERED BICYCLES, BY COUNTIES: 1960 TO 1974

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

¹Excludes Kauai before 1971.

²Records before 1971 lost in fire.

³Includes Maui (5,461 in 1974), Molokai (416), and Lanai (293).

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

Table 225.—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 226.—COMPONENTS OF CHANGE IN PASSENGER MOTOR VEHICLE REGISTRATION:
1963 TO 1974**

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.....	3,780	30,932	27,152	(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 227.—NEW MOTOR VEHICLE REGISTRATIONS, BY COUNTY: 1974

Kind of motor vehicle	State total	City & Co. of Honolulu	Hawaii County	Kauai County	Maui County
Passenger cars	33,560	26,592	3,023	1,188	2,757
Domestic	18,337	13,731	2,048	678	1,880
Chevrolet	4,932	3,740	558	177	457
Dodge	2,559	1,643	498	114	304
Ford	3,686	2,369	550	231	536
Plymouth	2,077	1,798	120	42	117
Pontiac	1,173	1,083	33	23	34
Other makes	3,910	3,098	289	91	432
Foreign	15,223	12,861	975	510	877
Datsun	3,853	3,347	84	155	267
Toyota	5,211	4,232	658	170	151
Volkswagen	3,494	2,756	187	159	392
Other makes	2,665	2,526	46	26	67
Trucks	5,345	3,499	846	328	672
Domestic	3,893	2,492	653	227	521
Foreign	1,452	1,007	193	101	151

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

**Table 228.—MOTOR VEHICLE DEATHS AND TRAFFIC DEATHS, INJURIES, AND MAJOR ACCIDENTS:
1959 TO 1974**

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.....	123	129	10,022	14,855

¹Traffic and non-traffic deaths combined. Non-traffic motor vehicle deaths include those occurring on military bases or 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, Summary and Analysis*, (annual) and records; Hawaii State Department of Health, records.

Table 229.—BUS SERVICE, FOR OAHU: 1955 TO 1974

(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	Senior citizens	Free transfers	School subsidy	Chartered service ³
1970 ⁴	141	4,611,357	30,434,906	20,667,713	2,866,354	—	—	6,741,359	—	159,480
1971 ⁵	108	2,986,724	19,413,259	12,845,695	1,855,745	—	1,994,747	2,675,414	41,658	—
1972 ⁶	143	4,964,044	31,031,764	16,572,443	5,459,399	93,225	3,614,840	5,188,814	81,108	21,935
1973 ⁷	315	7,973,393	36,741,009	18,791,719	7,044,095	293,682	4,163,482	6,338,452	77,926	31,653
1974 ⁸	333	11,670,774	50,519,626	25,348,211	10,418,417	107,035	5,521,982	9,001,152	87,236	35,593

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 230.—INTERISLAND AND TRANSPACIFIC REVENUE PASSENGERS, BY MODE OF TRAVEL: 1958 TO 1974

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

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 231.—AIRPORTS, BY CONTROL, AND AIRCRAFT OPERATIONS AT SPECIFIED AIRPORTS: 1955 TO 1974

Year	Number of airports				Aircraft operations		
	Total	State	Military	Private	Hilo: Lyman Field	Honolulu Intern'l Airport	Kahului Airport
1955	(NA)	12	(NA)	(NA)	44,509	195,591	30,814
1960	39	13	6	20	34,548	253,742	47,503
1965	46	13	6	27	44,559	288,288	64,603
1970	50	14	6	30	52,183	300,629	77,451
1971	50	14	6	30	56,167	294,874	76,768
1972	50	14	6	30	50,333	297,861	75,467
1973	50	14	6	30	48,138	309,144	75,478
1974	50	14	6	30	47,715	305,724	75,186

NA Not available

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

Table 232.—AIR CARGO AND AIR MAIL: 1958 TO 1974
(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

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 233.—PASSENGERS, CARGO, AND MAIL, BY AIRPORT: 1974

Airport	Passengers ¹		Cargo (1,000 lb.)		Mail (1,000 lb.)	
	In	Out	In	Out	In	Out
OVERSEAS						
Total	3,009,769	2,964,992	96,393	79,054	21,528	16,185
Honolulu	2,878,244	2,816,136	90,295	56,031	21,528	15,932
Hilo (Lyman)	129,228	148,540	6,098	23,023	—	253
Kahului	2,297	316	—	—	—	—
Other airports	—	—	—	—	—	—
INTERISLAND						
Total	5,174,914	5,174,914	79,576	79,576	16,594	16,594
Honolulu	2,013,984	2,046,021	24,682	47,709	3,425	12,713
Hilo (Lyman)	556,608	543,302	12,097	19,126	4,158	1,102
Upolu	1,015	881	—	—	—	—
Waimea-Kohala	49,064	46,921	740	2,205	234	125
Ke-ahole	404,635	404,335	5,130	2,298	1,231	383
Kahului	1,048,124	1,031,449	20,575	5,481	4,212	1,430
Hana	7,615	8,117	2	—	—	—
Kaanapali	29,322	30,027	776	87	—	—
Molokai	69,453	68,514	1,417	624	332	69
Kalaupapa	3,835	3,835	288	36	28	10
Lanai	20,917	20,417	1,160	146	147	33
Lihue	968,894	969,964	12,709	1,842	2,827	729
Other airports	1,448	1,131	—	22	—	—

¹Revenue and non-revenue, including Military Airlift Command (MAC). Excludes overseas passengers in transit (885,122, all through Honolulu International Airport).

Source: Hawaii State Department of Transportation, Airports Division, *Air Traffic Monthly Summary*, and records.

Table 234.—AIR FARES AND FLIGHT TIMES FOR SPECIFIED INTERISLAND AND TRANS-PACIFIC FLIGHTS: 1930 TO 1975

Year (as of Jan. 1)	Honolulu-Hilo by Hawaiian Airlines				Honolulu-San Francisco by Pan American World Airways			
	Aircraft	1-way fare ¹	Round trip fare ¹	Time ²	Aircraft	1-way fare ¹	Round trip fare ¹	Time ²
1930	S-38	30.00	60.00	1:40	—	—	—	—
1935	S-38	30.00	45.00	1:40	—	—	—	—
1940	S-43	23.00	41.40	1:25	B-314	278.00	556.00	17:30
1945	DC-3	20.70	37.26	1:20	B-314	319.70	575.00	17:30
1950	DC-3	15.53	31.05	1:20	B-377	184.00	331.20	9:25
1955	CV-340	16.50	33.00	1:02	B-377	137.50	275.00	9:25
1960	CV-340	19.36	38.72	1:02	B-707	133.08	266.16	4:55
1965	Viscount ...	20.10	40.19	0:53	B-707	100.03	200.06	4:55
1970	DC-9	25.20	50.40	0:42	B-707	85.03	170.05	4:55
1971	DC-9	26.00	52.00	0:42	B-747	88.28	176.56	4:55
1972	DC-9	26.00	52.00	0:42	B-747	101.32	202.64	5:02
1973	DC-9	26.00	52.00	0:41	B-747	103.04	206.08	5:02
1974	DC-9	26.64	53.27	0:41	B-747	112.63	225.26	5:02
1975	DC-9	27.38	54.76	0:41	B-747	119.38	238.76	5:02

¹Least expensive regular fare, including tax and security charge, 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), as updated.

Table 235.—STATE COMMERCIAL HARBORS: 1975

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	174	230
Kawaihae	40	35	1,500	1,450	1,015	8	73
Maui:							
Kahului	35	35	2,400	2,050	2,300	148	184
Molokai:							
Kaunakakai	23	23	1,500	600	687	5	288
Oahu:							
Honolulu:							
Main	40	35	3,300	1,520	17,000	2,280	3,074
Kapalama			3,400	1,000			
Kauai:							
Nawiliwili	40	35	1,950	1,540	1,140	49	104
Port Allen	35	35	1,500	1,200	1,200	24	41

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

Table 236.—DOCUMENTED AND NUMBERED REGISTERED VESSELS: 1960 TO 1974

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

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, and August 22, 1974.

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 237.—UNDOCUMENTED STATE-REGISTERED VESSELS: DECEMBER 31, 1974

Subject	Number	Subject	Number
Certificates outstanding	11,843	Type of vessel: ¹	
Length:		Cabin motorboat	1,126
Under 16 feet	5,835	Open motorboat	4,770
16 to less than 26 feet	4,960	Runabout	2,893
26 to less than 40 feet	844	Sail inboard	342
40 to 65 feet	150	Sail outboard	592
Over 65 feet	7	Sail only	1,663
Dealers or manufacturers	47	Motor vessel over 65 feet	7
Hull materials:		Other	403
Wood	3,442	Uses:	
Steel	28	Pleasure	10,753
Aluminum	348	Commercial fishing	582
Plastic	7,757	Charter fishing	9
Other	268	Commercial passenger	25
Propulsion:		Other commercial	32
Inboard	696	Livery	49
Outboard	7,411	Dealers or manufacturers	47
Inboard outboard	1,009	Youth group	38
Sail inboard	366	Government	233
Sail outboard	521	Other	65
Sail only	1,693	Island kept: ¹	
Other	147	Hawaii	1,161
Type of storage: ¹		Kauai	864
On water	2,392	Lanai	48
On land	9,404	Maui	579
		Molokai	196
		Oahu	8,948

¹Excludes dealers or manufacturers (47).

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

Table 238.—SHIP ARRIVALS AT THE PORT OF HONOLULU: 1958 TO 1974

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

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 239.—VESSELS ARRIVING AT SPECIFIED HARBORS: 1973
(Excludes domestic fishing craft)

Harbor	Total inbound vessels	By type of vessel					By draft	
		Self propelled vessels			Non-self propelled vessels		18 feet and less	19 feet and more
		Pass. and dry cargo	Tanker	Towboat or tugboat	Dry cargo	Tanker		
All spec. harbors	18,635	9,669	319	4,879	3,662	106	(NA)	(NA)
Hilo	706	109	26	276	276	19	574	132
Kawaihae	330	12	9	158	151	—	309	21
Hana	—	—	—	—	—	—	—	—
Kahului	1,016	250	26	368	355	17	944	72
Kaumalapau	602	—	—	303	299	—	602	—
Kaunakakai	1,278	—	—	757	521	—	1,273	5
Kalaupapa	4	—	—	3	1	—	4	—
Honolulu	7,473	3,688	131	2,073	1,549	32	6,549	924
Other Honolulu area	1,241	746	—	261	234	—	(NA)	(NA)
Pearl Harbor	4,250	4,048	21	158	23	—	(NA)	(NA)
Barbers Point	325	—	90	171	36	28	235	90
Kailua (Kona) ¹	735	735	—	—	—	—	(NA)	(NA)
Nawiliwili	474	72	13	221	158	10	426	48
Port Allen	201	9	3	130	59	—	(NA)	(NA)

NA Not available.

¹Incorrectly shown in the source as Kailua (Oahu).

Source: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 1973*, Part 4 (1974), pp. 105-107.

Table 240.—FREIGHT AND PASSENGER TRAFFIC FOR SPECIFIED HARBORS: 1958 TO 1973

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

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 241.—PASSENGER ARRIVALS AND DEPARTURES FOR HONOLULU HARBOR: 1969 TO 1974

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

¹Mostly between Kewalo Basin and Pearl Harbor.

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

Table 242.—OVERSEAS AND INTERISLAND SHIPPING: 1960 TO 1973

(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

Source: Hawaii State Department of Transportation, records.

Table 243.—FREIGHT TRAFFIC FOR SPECIFIED HARBORS: 1973
(Short tons)

Harbor and commodity ¹	Total	Foreign		Domestic			
		Imports	Exports	Coastwise ²		Internal receipts	Local
				Receipts	Shipments		
Hilo	1,041,647	21,697	33,209	602,743	383,749	249	—
Sugar	271,944	—	—	1,193	270,751	—	—
Kawaihae	385,850	—	—	77,163	308,671	16	—
Kahului	1,042,818	14,631	18,413	506,572	503,152	50	—
Sugar	273,459	—	5	1,336	272,118	—	—
Kaumalapau	305,555	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Fresh fruits and tree nuts	257,720	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kaunakakai	475,246	—	—	78,198	397,041	7	—
Fresh fruits and tree nuts	382,978	—	—	454	382,524	—	—
Kalaupapa	410	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu	8,188,466	1,617,312	142,374	4,168,145	2,255,322	39	5,274
Fresh fruits and tree nuts	740,997	1,131	304	673,040	66,522	—	—
Prep. fruit and vegetable juice	691,555	1,438	22,271	69,113	598,733	—	—
Molasses	282,277	—	15,838	108,978	154,490	—	2,971
Gasoline	336,590	9,831	13,827	273,139	39,793	—	—
Kerosene	1,248,974	1,020,861	3,066	218,661	6,386	—	—
Residual fuel oil	605,984	57,567	30,798	428,455	88,720	—	444
Fabricated metal products	346,997	12,283	40	129,961	204,713	—	—
Other Honolulu area (net)	277,826	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sand, gravel, crushed rock	276,850	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pearl Harbor	320,963	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Barbers Point	3,944,857	2,571,919	89,263	523,415	760,260	—	—
Crude petroleum	2,345,514	2,281,617	—	63,897	—	—	—
Distillate fuel oil	340,312	63,056	56,444	295	220,517	—	—
Residual fuel oil	893,340	87,507	32,819	439,439	333,575	—	—
Kailua (Kona) ³	338	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nawiliwili	495,448	8,585	—	202,668	284,168	27	—
Port Allen	93,829	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

¹Commodities under 250,000 tons not shown separately.

²Includes both interisland and interstate traffic.

³Incorrectly shown in the source as Kailua (Oahu).

Source: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 1973, Part 4* (1974), pp. 33-41, as corrected.

Table 244.—BOATING ACCIDENTS: 1970 TO 1974

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

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