

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 72,000 in 1940 to 231,000 in 1960 and 425,000 in 1971. Vehicle miles rose during the same period from 716 million to 3.7 billion. By the end of 1971, 524,000 licensed drivers had access to 3,661 miles of streets and highways throughout the State. There was a corresponding decline in the use of local bus service: revenue passengers of the Honolulu Rapid Transit Company dropped from 93 million in 1944 to 23.7 million in 1970.

All scheduled inter-Island travel is now by air. As recently as 1941, inter-Island steamers carried 163,000 passengers, while the single airline then operating carried 49,000. In 1970, two scheduled airlines and a number of air taxis reported 3.0 million inter-Island passengers, triple their 1960 total.

Similar growth is evident in transpacific travel. Although surface passengers dropped from 95,000 in 1940 to 27,000 in 1970, air passengers increased during the same 30-year span from 639 to 5.2 million. Between 1936 and 1972, sharp declines occurred in both scheduled flight time between California and Hawaii (from 20 to 5 hours) and minimum roundtrip fare (from \$712 to \$203). Overseas cargo received in the State in 1970 amounted to 27,000 tons by air and 7.5 million tons by ship.

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. Bureau of Public Roads, Civil Aeronautics Board, Federal Aviation Administration, Army Corps of Engineers, Hawaii State Public Utilities Commission, and individual transportation companies. Similar statistics for other areas are reported in *Statistical Abstract of the United States: 1971*, Sections 21 and 22.

**Table 164.—MOTOR VEHICLE REGISTRATION, FUEL CONSUMPTION, AND VEHICLE MILES:
1900 TO 1971**

Year	Motor vehicle registration ¹			Fuel consumption per vehicle (gallons)	Vehicle miles	
	Total	Passenger cars	Other motor vehicles ²		Total (millions)	Per vehicle
1900	4	—	—	—	—	—
1905	80	—	—	—	—	—
1910	861	—	—	—	—	—
1915	3,781	—	—	—	—	—
1922	15,336	—	—	—	—	—
1925	28,001	—	—	—	—	—
1930	45,118	—	—	—	—	—
1935	50,422	40,772	9,650	654	461.5	9,153
1940	71,596	58,541	13,055	714	715.6	9,996
1945	70,618	55,672	14,946	638	630.4	8,932
1950	137,917	110,622	27,295	642	1,240.3	8,988
1955	180,755	153,451	27,304	621	1,571.1	8,694
1960	230,791	199,829	30,962	616	1,989.6	8,624
1961	244,898	212,650	32,248	602	2,063.7	8,428
1962	257,215	225,086	32,129	595	2,142.9	8,330
1963	270,176	237,422	32,754	580	2,192.3	8,120
1964	288,452	254,249	34,203	574	2,316.7	8,036
1965	309,331	273,559	35,772	566	2,449.8	7,924
1966	323,843	286,836	37,007	566	2,565.6	7,922
1967	335,326	297,766	37,560	580	2,721.1	8,114
1968	353,888	315,024	38,864	592	2,934.4	8,292
1969	373,541	332,213	41,328	605	3,162.8	8,467
1970	404,463	358,255	46,208	602	3,408.9	8,428
1971	425,210	375,205	50,005	615	3,660.7	8,609

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

²Amublances and hearses, buses, trucks, and tractor-trucks.

Source: Hawaii State Department of Transportation, Highways Division, *Annual Traffic Summary, Island of Oahu, 1959*, tables II, III, VI and VII, and records; Robert C. Schmitt, "Automobile Ownership in Hawaii Before 1931: Dates and Data," *Hawaii Historical Review*, Vol. II, No. 10, January 1968, pp. 426-432.

Table 165.—VEHICLE REGISTRATION AND USE, DRIVERS LICENSES IN FORCE, AND STREET AND HIGHWAY MILEAGE, BY COUNTIES: 1971

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Motor vehicles registered	425,210	332,212	42,150	19,409	31,439
Passenger cars	375,205	299,320	33,979	15,924	25,982
Ambulances and hearses	104	66	11	7	20
Buses	1,129	772	137	106	114
Trucks	46,984	30,984	7,651	3,201	5,148
Tractor-trucks	1,736	1,019	372	170	175
Other vehicles	52	51	—	1	—
Other vehicles registered:					
Trailers, semi-trailers	12,263	7,664	2,145	1,202	1,252
Motoreycles, motor scooters	10,033	8,446	649	378	560
Bicycles ¹	52,485	44,159	2,735	2,141	3,450
Fuel consumption per motor vehicle (gallons)	615	613	658	583	599
Vehicle miles (in millions)	3,660.7	2,849.9	388.5	158.5	263.8
Miles per motor vehicle	8,609	8,579	9,216	8,169	8,389
Drivers licenses in force; Dec. 31	523,935	436,494	37,428	18,729	31,284
Mileage in public streets and highways, Dec. 31 ²	3,584.71	1,212.23	1,380.32	320.51	671.65
De facto population per motor vehicle ³	1.93	2.01	1.66	1.69	1.60
Motor vehicles per mile of public street or highway	119	274	31	61	47

¹The Maui County total includes 3,041 on Maui, 228 on Molokai, and 181 on Lanai.

²The Maui County total includes 519.92 on Maui, 89.14 on Molokai, and 62.59 on Lanai.

³Based on the provisional estimates for July 1, 1971 published in the Hawaii State Department of Planning and Economic Development, Statistical Report 86 (November 12, 1971), p. 5.

Source: Hawaii State Department of Transportation, Highways Division, records; each County Department of Finance, records.

Table 166.—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 167.—NEW PASSENGER CAR REGISTRATIONS, FOR OAHU: 1960 TO 1971

Calendar year	Total registrations by origin				Leading make	
	Total	Domestic makes	Foreign makes		Name	Number registered
			Number	Percent		
1960	15,857	12,773	3,084	19.4	Chevrolet	3,702
1967	24,331	17,412	6,919	28.4	Chevrolet	4,706
1968	29,044	19,560	9,484	32.7	Chevrolet	4,409
1969	33,361	22,001	11,360	34.1	Ford	4,738
1970	33,542	20,275	13,267	39.6	Toyota	4,836
1971	32,109	16,308	15,801	49.2	Toyota ¹	6,040

¹Other makes with 1,000 or more new passenger car registrations in 1971 were: Datsun, 5,023; Chevrolet, 3,452; Volkswagen, 3,303; Ford, 3,229; Dodge, 2,596; Plymouth, 2,217; and Pontiac, 1,197.

Source: Motor Vehicle Registrations—Hawaii, a Division of Cardinal Services, Ltd., tabular releases.

Table 168.— MAJOR TRAFFIC ACCIDENTS, PERSONS INJURED, AND TRAFFIC DEATHS: 1920 TO 1971

Year	Major traffic accidents ¹	Persons injured in traffic accidents	Traffic deaths ²
1920	(NA)	(NA)	41
1930	(NA)	(NA)	86
1940	(NA)	(NA)	63
1950	6,599	2,112	61
1960	7,254	4,754	96
1965	9,495	7,493	99
1966	10,225	8,051	116
1967	11,529	8,707	138
1968	13,989	10,082	147
1969	16,174	10,603	133
1970	18,172	11,744	152
1971	18,048	10,934	154

NA Not available.

¹Traffic accidents with damage of \$100 or more, or causing injury or death.

²Data for 1920, 1930 and 1940 include non-traffic motor vehicle deaths (such as those occurring on military bases or private property). Prior to 1966, the highest annual number of traffic deaths was 107 in 1945.

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

Table 169.—UNDOCUMENTED STATE-REGISTERED VESSELS: DECEMBER 31, 1970 AND 1971

Characteristic	1970	1971	
		Number	Percent
Certificates outstanding	8,042	8,803	100.0
Length:¹			
Under 16 feet	4,051	4,352	49.9
16 to less than 26 feet	3,333	3,626	41.6
26 to less than 40 feet	561	654	7.5
40 feet and over	97	94	1.1
Hull materials:			
Wood	3,514	3,580	40.7
Steel	23	14	0.2
Aluminum	162	176	2.0
Plastic	4,280	4,880	55.4
Other	63	153	1.7
Type of vessel:			
Cabin motorboat	842	915	10.4
Open motorboat	3,301	3,477	39.6
Runabout	2,433	2,530	28.7
Sail/inboard	199	241	2.7
Sail/outboard	325	414	4.7
Sail only	907	970	11.0
Other	35	256	2.9
Uses:			
Pleasure	7,439	8,108	92.0
Commercial fishing	319	364	4.2
Other	284	331	3.8
Island:			
Oahu	6,049	6,711	76.2
Rest of State	1,993	2,092	23.8
Place kept:			
Moored on water	2,040	2,195	24.8
Stored on land	6,002	6,608	75.2

¹Excludes 77 assigned to dealers or manufacturers in 1971.

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

Table 170.—REVENUE PASSENGERS, BY MEANS OF TRANSPORTATION: 1860 TO 1971

Year	Bus or street car (Honolulu only) ¹	Steam railway ²		Ship		Airline	
		All railroads	Oahu Rwy. & Land Co.	Inter-Island ³	Transpacific ⁴	Inter-Island ⁵	Transpacific ⁶
1860	—	—	—	(NA)	1,348	—	—
1870	—	—	—	(NA)	2,495	—	—
1880	—	(NA)	—	(NA)	7,521	—	—
1890	(NA)	(NA)	36,352	(NA)	11,010	—	—
1900 ⁷	(NA)	(NA)	278,872	(NA)	41,788	—	—
1910 ⁸	8,979,874	694,793	617,719	62,236	29,178	—	—
1920 ⁹	16,926,617	2,760,585	2,033,756	95,237	30,170	—	—
1930	14,505,045	591,069	322,685	143,806	70,000	10,356	—
1940	23,390,745	354,159	331,587	158,328	94,582	28,624	639
1950 ⁹	41,787,045	—	—	—	35,643	438,938	118,738
1960	29,083,700	—	—	—	80,903	955,610	785,589
1961	26,116,687	—	—	—	68,102	939,336	926,072
1962	24,530,398	—	—	—	66,925	979,756	1,084,076
1963	22,922,296	—	—	—	62,760	1,144,265	1,295,740
1964	22,945,470	—	—	—	56,177	1,340,996	1,516,259
1965	23,190,704	—	—	—	53,990	1,538,392	1,794,255
1966	23,694,206	—	—	—	54,511	1,754,970	2,125,479
1967 ⁹	18,301,341	—	—	—	52,876	2,117,557	2,735,151
1968	23,514,205	—	—	—	49,099	2,347,949	3,171,259
1969	24,079,233	—	—	—	45,428	2,724,622	3,806,147
1970	23,693,547	114,000	—	—	26,966	2,992,777	5,243,276
1971 ⁹	17,861,774	(NA)	—	—	(NA)	3,380,031	5,329,926

NA Not available.

¹Calendar year data for the Honolulu Rapid Transit Co., Ltd., 1910-1970, and for the Mass Transit Lines, Inc., from March 1, 1971 forward. Street railway service, using mule cars, was initiated in Honolulu in 1888. From 1903 to 1970, HRT (which commenced operations in 1901) provided the only large scale public transit service in Honolulu.

²Calendar years, except for the year ended June 30, 1910. The Oahu Railway and Land Company, the only passenger railroad on Oahu, provided passenger service from 1890 to 1947. Other companies operated on the Neighbor Islands, offering passenger service from 1879 to 1946, and from May 1970 forward. Total track mileage in the State was 209 in 1910, 325 in 1920, 374 in 1930, 323 in 1940, 59 in 1950, and 6 in 1970.

³Years ended June 30, 1910 to 1930, and December 31, 1940. Except for limited accommodations aboard freighters, scheduled inter-island passenger service was discontinued in January 1949.

⁴Calendar years 1860-1899 and 1930; years ended June 30, 1911, 1920, and 1940-1970. This series shows combined totals for arrivals and departures, excluding through passengers (1,134 in 1870, 1,903 in 1880, 3,965 in 1890, and 44,621 in 1969; not available for other years). There were 13,267 arrivals and 13,699 departures in 1970.

⁵Calendar years. Service began in 1929. Includes non-revenue passengers for 1970 and 1971.

⁶Calendar years. Includes Hilo (319,771 in 1971) as well as Honolulu. Data for 1970 and 1971 include non-revenue passengers. This series shows combined totals for arrivals, departures, and through passengers. In 1971 there were 2,296,119 arrivals, 2,304,570 departures, and 729,237 through passengers. Scheduled service started in Honolulu in 1936 and in Hilo in 1967.

⁷The transpacific ship total refers to calendar 1899.

⁸The transpacific ship total refers to the year ended June 30, 1911.

⁹Passenger volumes affected by major strikes.

Source: Hawaii State Department of Planning and Economic Development, *Passenger Statistics of Hawaii* (Statistical Report 75, August 25, 1970), as corrected; Hawaii State Department of Transportation, records; City and County of Honolulu, Mass Transit Services.

Table 171.—AIR FARES AND FLIGHT TIMES FOR SPECIFIED INTER-ISLAND AND TRANSPACIFIC FLIGHTS: 1930 TO 1972

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

¹Least expensive regular fare, including tax, in dollars.

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

Source: Hawaii State Department of Planning and Economic Development, *Chronology of Transpacific and Interisland Airline Fares and Flight Times, 1929-1971* (memorandum, February 19, 1971), as revised.

Table 172.—AIR CARGO AND AIR MAIL: 1947 TO 1971
(In thousands of pounds)

Year ¹	Overseas air cargo ²			Overseas air mail ²			Inter-Island ³	
	Outgoing	Incoming	Through	Outgoing	Incoming	Through	Air cargo	Air mail
1947	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	23,883	433
1948 ⁴		3,329			2,110		23,469	513
1949 ⁵	997	1,577	1,775	1,253	1,249	881	20,770	663
1950 ⁵	1,144	1,935	1,389	1,214	1,230	1,121	19,532	863
1951	835	879	2,596	887	981	1,393	24,421	709
1952	778	839	2,121	1,084	1,009	942	24,924	682
1953	821	934	1,834	1,196	1,080	1,105	24,526	719
1954	808	908	1,968	1,243	1,190	1,685	23,262	736
1955	857	1,417	3,178	1,603	1,590	4,143	24,143	748
1956	1,122	1,532	4,666	1,697	1,881	3,879	22,867	788
1957	1,453	2,143	10,081	1,811	2,152	3,394	21,597	850
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 ⁶	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 ⁷	67,131	116,591	(NA)	17,915	24,883	(NA)	51,389	14,332

NA Not available

¹Calendar 1947; fiscal years ended June 30, 1948 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.

⁴Overseas cargo and mail data are combined totals for outgoing, incoming, and through traffic.

⁵Data reflect shipping strike of May 1, 1949-October 24, 1949.

⁶Data reflect the airlifting of all inter-Island third- and fourth-class mail beginning in October 1965.

⁷Data reflect the shipping strike of July 1, 1971-October 6, 1971.

Source: Hawaii Aeronautics Commission, *Annual Report* for 1948-1960; Hawaii State Department of Transportation, Airports Division, tabular releases and records.

Table 173.—SHIP ARRIVALS, GROSS TONNAGE, AND CARGO TONS, 1824 TO 1971

Calendar year	Overseas vessel arrivals ¹		Calendar year	Overseas vessel arrivals ¹	
	Number	Tonnage (1,000)		Number	Tonnage (1,000)
1824	105	(NA)	1860 ²	286	39
1830	133	(NA)	1870	239	118
1840	78	(NA)	1880	217	138
1850	467	137	1890	252	213

Year ended June 30	Overseas vessel arrivals ¹		Inter-Island vessel arrivals ¹		Overseas cargo (1,000 tons) ³		Inter-Island cargo (1,000 tons) ³	
	Number	Gross tonnage (1,000)	Number	Gross tonnage (1,000)	In	Out	In	Out
1901	559	853	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1910	373	1,239	(NA)	(NA)	(NA)	(NA)	414	414
1920	839	4,530	(NA)	(NA)	(NA)	(NA)	393	393
1930	903	7,607	1,365	1,638	(NA)	(NA)	355	355
1940	872	7,236	2,622	1,917	(NA)	(NA)	235	235
1950	861	7,281	2,210	1,059	2,520	2,046	617	589
1960	1,411	12,305	2,272	1,061	3,773	2,095	974	976
1961	1,518	12,699	2,460	1,143	4,830	2,496	1,170	1,173
1962	1,818	13,094	2,522	1,150	4,988	2,678	1,224	1,232
1963	1,799	12,487	2,550	1,119	4,566	2,603	1,240	1,219
1964	2,064	13,103	2,446	1,275	5,185	2,732	1,334	1,372
1965	1,948	12,992	2,551	1,125	5,840	2,922	1,427	1,354
1966	1,941	14,654	2,877	1,220	6,165	3,031	1,600	1,511
1967	1,684	13,821	2,652	1,422	6,830	3,051	2,424	1,990
1968	1,774	15,277	2,474	1,414	7,818	3,105	1,651	1,505
1969 ⁴	1,903	15,954	2,961	(NA)	7,816	2,225	1,970	1,971
1970 ⁴	1,933	(NA)	3,321	(NA)	7,465	2,146	1,861	2,394
1971	1,879	(NA)	3,356	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available.

¹Port of Honolulu only. Data before 1901 exclude national vessels; such as warships and government survey vessels.

²Tonnage total excludes 179 whaling vessels, included in the number of arrivals.

³State and private piers on all Islands. Data from 1910-1940 are limited to freight carried by Interisland Steam Navigation Co.

⁴Cargo data are for calendar years.

Source: *The Friend*, May 1, 1844, p. 49; *The Polynesian*, February 1, 1851; Collector General of Customs, *Custom House Statistics* for 1860, 1870, and 1880, and *Report* for 1890; *Report of the Governor of Hawaii* for 1902 and 1910; Territorial Planning Board, *First Progress Report* (1939), Plate 142; Board of Harbor Commissioners, *Annual Report*, 1920-1961; Hawaii State Department of Transportation, Harbors Division, *Shipping Information*, 1962-1968 and records; Anson Chong, *Economic Development of Hawaii and the Growth of Tourism* (1963), p. 74.

Table 174.—FREIGHT AND PASSENGER TRAFFIC FOR SPECIFIED HARBORS: 1908 TO 1970

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
1908	—	—	—	—	184.0	920.2	—
1909	—	—	—	—	223.0	1,028.7	—
1910	—	—	—	—	252.8	1,211.0	—
1911	—	—	—	—	308.4	1,164.7	—
1912	—	—	—	—	323.2	1,653.0	—
1913	—	—	—	—	434.1	1,462.0	—
1914	—	—	11,961	—	365.3	1,339.0	213.7
1915	21,598	100,537	9,844	—	428.4	1,680.3	255.0
1916	27,625	103,420	9,007	—	314.7	1,753.7	247.2
1917	38,559	123,762	10,843	—	368.0	1,697.0	243.4
1918	31,854	112,520	12,183	—	348.1	1,625.7	232.8
1919	37,760	134,329	12,734	—	389.0	1,889.9	242.9
1920	41,524	149,862	17,860	—	316.2	2,039.0	228.3
1921	43,821	167,559	20,201	—	287.4	1,709.3	177.6
1922	45,594	158,540	22,039	—	256.7	1,792.0	229.3
1923	49,010	169,461	16,874	—	289.8	1,869.4	240.8
1924	47,636	177,736	22,736	—	319.4	1,895.1	304.4
1925	46,302	195,926	24,626	—	344.4	1,981.1	337.5
1926	45,262	187,458	23,091	—	377.6	2,227.9	348.8
1927	49,854	202,932	24,648	—	388.1	2,082.7	373.9
1928	54,156	215,893	25,776	—	439.3	2,100.6	370.4
1929	55,895	223,976	28,514	—	445.5	1,976.1	399.9
1930	43,989	207,436	31,183	—	406.7	1,926.5	442.2
1931	41,314	191,554	30,183	—	354.6	2,009.4	385.0
1932	32,193	158,951	26,548	—	406.0	1,672.7	360.7
1933	28,798	142,187	21,951	—	392.9	1,785.4	375.4
1934	34,841	162,572	25,018	—	428.0	1,986.6	381.0
1935	35,042	166,196	27,146	—	416.8	2,113.0	396.3
1936	38,891	187,564	31,166	—	442.7	2,254.2	456.5
1937	42,761	218,459	34,299	—	509.2	2,365.5	477.3
1938	35,073	193,519	30,902	—	551.8	2,443.9	413.3
1939	47,780	227,547	35,562	—	534.2	2,662.0	448.0
1940	46,604	278,260	37,122	—	528.3	3,353.8	495.7
1941	48,105	276,017	39,433	—	561.4	4,328.3	522.4

¹Total arrivals and departures, inter-Island and transpacific. Not available before 1914 (for Kahului) or 1915 (for Hilo and Honolulu).

²Excludes cargo in transit, shown separately in the source for Honolulu, 1926 to 1941.

³Most of the increase in passenger traffic in recent years appears to be a result of excursion travel between Honolulu Harbor or Kewalo Basin and Pearl Harbor. The 1970 total of 690,906 included 345,108 arrivals (21,189 from foreign countries, 4,825 from other States, and 319,094 Island excursion passengers) and 345,798 departures (19,745 to foreign countries, 7,046 to other States, and 319,007 Island excursionists).

(Continued on next page)

Table 174.—FREIGHT AND PASSENGER TRAFFIC FOR SPECIFIED HARBORS: 1908 TO 1970 (continued)

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
1942	8,573	51,700	7,166	—	461.5	2,116.2	468.4
1943	4,468	27,253	482	—	650.8	2,194.3	502.6
1944	5,337	44,970	2,592	—	1,290.5	6,506.5	709.2
1945	11,145	48,132	3,966	—	714.8	4,808.1	535.6
1946	17,732	215,530	10,161	—	480.3	3,229.5	442.3
1947	4,623	83,295	6,386	—	596.7	2,745.1	468.6
1948	5,416	51,678	2,827	—	454.5	2,371.4	286.6
1949	1,274	46,649	170	—	476.8	2,382.2	399.6
1950	525	50,660	26	—	739.9	2,812.0	630.6
1951	979	37,722	28	—	647.6	2,770.5	590.4
1952	1,766	37,844	39	—	684.1	3,104.8	543.0
1953	3,563	54,821	70	—	763.7	3,318.0	640.7
1954	1,417	59,092	31	—	751.2	3,031.1	619.0
1955	281	72,874	81	—	850.7	3,650.5	685.6
1956	656	73,398	41	—	909.2	3,784.2	701.9
1957	576	134,494	25	—	855.9	4,014.2	625.8
1958	785	145,954	374	—	674.9	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

¹Total arrivals and departures, inter-Island and transpacific. Not available before 1914 (for Kahului) or 1915 (for Hilo and Honolulu).

²Excludes cargo in transit, shown separately in the source for Honolulu, 1926 to 1941.

³Most of the increase in passenger traffic in recent years appears to be a result of excursion travel between Honolulu Harbor or Kewalo Basin and Pearl Harbor. The 1970 total of 690,906 included 345,108 arrivals (21,189 from foreign countries, 4,825 from other States, and 319,094 Island excursion passengers) and 345,798 departures (19,745 to foreign countries, 7,046 to other States, and 319,007 Island excursionists).

Source: *Report of the Chief of Engineers, U.S. Army* for 1920 (Part 3, pp. 4046, 4050, and 4051), 1921 (Part 2, pp. 1372, 1378, and 1381), 1927 (Part 2, pp. 913, 917, and 920), 1936 (Part 2, pp. 1109, 1114, and 1116), and 1945 (Part 2, pp. 1253, 1256, and 1258); U.S. Army, Corps of Engineers, *Waterborne Commerce of the United States* for 1953 (Part 4, pp. 96, 99, and 101), 1958 (Part 4, pp. 198, 203, and 206), 1964 (Part 4, pp. 51, 54, and 57), and 1970 (Part 4, pp. 41, 43, and 46).

Table 175.—FREIGHT TRAFFIC FOR SPECIFIED HARBORS: 1970
(Short tons)

Harbor and commodity ¹	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal receipts	Local
				Receipts	Shipments		
Hilo	1,141,163	9,852	3,528	716,000	411,586	197	—
Kawaihae	329,425	—	—	115,938	213,475	12	—
Kahului	1,083,355	19,490	4,610	508,486	550,717	52	—
Sugar	263,471	—	3	944	262,524	—	—
Kaunakakai	320,819	—	—	97,213	223,602	4	—
Barbers Point	2,561,558	1,110,932	—	1,422,876	27,750	—	—
Crude petroleum	1,785,612	1,104,322	—	677,334	13,956	—	—
Residential fuel oil	703,933	—	—	703,933	—	—	—
Honolulu	8,078,111	1,497,526	132,059	3,974,275	2,465,174	18	9,059
Fresh fruits and tree nuts	457,161	1,532	441	435,444	19,744	—	—
Prep. fruit and vegetable juice	605,042	1,166	44,284	180,058	379,534	—	—
Sugar	295,323	—	—	49,996	245,327	—	—
Molasses	384,080	—	—	189,079	185,942	—	9,059
Gasoline	399,133	133	11,112	290,877	97,011	—	—
Kerosene	1,269,315	1,033,426	8,554	122,124	105,211	—	—
Distillate fuel oil	331,466	—	13,351	270,922	47,193	—	—
Residual fuel oil	480,031	30,773	15,544	132,480	132,480	—	—
Pearl Harbor	623,039	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Jet fuel	285,212	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other Honolulu area ports	364,148	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sand, gravel, crushed rock	363,240	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nawiliwili	500,094	9,594	—	221,623	268,827	50	—
Port Allen	146,362	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available

¹Commodities under 250,000 tons not shown separately.

Source: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 1970, Part 4* (1971), p. 41-52.