

## 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 474,000 in 1973. Vehicle miles rose during the same period from 716 million to 4.1 billion. Hawaii residents purchased 37,500 new passenger cars in 1972 and scrapped or shipped out approximately 20,500. By the end of 1973, 495,000 licensed drivers had access to more than 3,600 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 25.8 million in 1973.

All 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. In 1973, two scheduled airlines and a number of air taxis reported 4.8 million interisland passengers, eleven times their 1950 total.

Similar growth is evident in transpacific travel. Although surface passengers dropped from 95,000 in 1940 to 17,000 in 1973, air passengers increased during the same 33-year span from 639 to 6.6 million. Between 1936 and 1974, sharp declines occurred in both scheduled flight time between California and Hawaii (from 20 to 5 hours) and minimum roundtrip fare (from \$712 to \$225). Overseas cargo received in the State in 1973 amounted to 44,000 tons by air and 8.1 million tons by ship.

Undocumented State-registered vessels as of December 31, 1973 numbered 12,049, compared with 3,081 in 1960. Median length was 16 feet, and almost four-fifths were stored on land. There were also 692 documented vessels in the State in 1973, 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 Federal Highway Administration, 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: 1973*, Sections 21 and 22.

**Table 208.—MILEAGE OF STREETS AND HIGHWAYS, PAVED AND UNPAVED:  
1923 TO 1973**

Year <sup>1</sup>	Total	Paved	Unpaved
1923 <sup>2</sup> .....	1,479.0	565.0	914.0
1938 <sup>3</sup> .....	2,040.4	1,367.2	673.2
1958 .....	2,967.45	2,392.61	574.84
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 <sup>4</sup> .....	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

<sup>1</sup>As of December 31 unless otherwise specified.

<sup>2</sup>As of September 1.

<sup>3</sup>"Public and semi-public."

<sup>4</sup>Includes 284.00 miles reclassified from "paved" to "unpaved."

Source: *Hawaii. An Integral Part of the United States* . . . (anon. booklet, c. 1923), p. 18; Hawaii Territorial Highway Department and U.S. Bureau of Public Roads, *A Road Inventory of the Territory of Hawaii* (1939), pp. 2-3; Hawaii State Highway Department, "Mileages of Existing Roads, Streets and Highways (As of December 31, 1958)" (unpublished table); Hawaii State Department of Transportation, Highways Division, letters dated April 14, 1971, January 12, 1973, and March 16, 1973, and records.

**Table 209.—MAXIMUM GRADES, HEIGHTS, AND TRAFFIC, FOR STREETS AND HIGHWAYS: 1974**

Subject and island	Street or highway	Amount
<b>Steepest streets and highways (percent grade):</b>		
Hawaii .....	Waipio Valley Road, 1/3-mile below lookout .....	26.0
	Kuakini Houselot Subdiv. Rd., N. Kona .....	23.0
	Stainback Hwy., 12 miles from Volcano Rd. ....	16.0
Maui .....	Hapapa Road .....	26.0
	Pulehuiki Rd., off Kula Hwy. ....	19.6
Lanai .....	Manele Road .....	9.4
Molokai .....	Pano Place .....	12.0
Oahu .....	Huali St., below Prospect St., Punchbowl .....	24.0
	Alencastre St., St. Louis Heights .....	19.0
	Tantalus Drive and Roundtop Drive .....	19.0
	Wilhelmina Rise .....	19.0
Kauai .....	Kuli Road, Kalaheo .....	25.7
	Wainiha Powerhouse Road, Haena .....	19.5
<b>Highest streets and highways (feet above sea level):</b>		
Hawaii .....	Road to Mauna Kea .....	13,631
	Saddle Road, 30 1/2 miles from Hilo .....	6,630
Maui .....	Haleakala Road .....	10,000
Lanai .....	Lanaihale Road .....	3,370
Molokai .....	Road to Waikolu .....	3,600
Oahu .....	FAA road to Kaala .....	4,020
	Palehua Road .....	2,700
Kauai .....	Kokee Road .....	4,120
<b>Busiest intersections (vehicles per 24-hour period):<sup>1</sup></b>		
Hawaii .....	Mamalaho Hwy. and Kamehameha Ave. ....	22,970
Maui .....	Kaahumanu Ave. and Kahului Beach Rd. ....	27,780
Lanai .....	Not available .....	...
Molokai .....	Kam V Hwy. and Ala Malama St. ....	1,200
Oahu .....	Kamehameha Hwy. and Middle St. ....	106,400
	Likelike Hwy. and School St. ....	92,000
	Kapiolani Blvd. and Kalakaua Ave. ....	74,200
Kauai .....	Kaumualii, Kuhio, Rice, and Haleka .....	15,070

<sup>1</sup>Oahu data are for 1973, other islands for 1972.

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

**Table 210.—HIGHWAY BRIDGES, BY ISLAND: 1974**

Island	Longest highway bridge		Highest highway bridge	
	Location	Length (feet)	Location	Height (feet)
Hawaii . . . . .	Hakalau . . . . .	775	Nanue, Hilo . . . . .	208
Maui . . . . .	Kalialinui . . . . .	325	Unnamed, Hana Rd. . . . .	83
Lanai . . . . .	Keomuku . . . . .	25	Not available . . . . .	...
Molokai . . . . .	Manawainui . . . . .	325	Not available . . . . .	...
Oahu . . . . .	Pearl City Viaduct . . . . .	5,946	Upper Poamoho . . . . .	88
Kauai . . . . .	Kalihiwai . . . . .	798	Wahiawa, Koloa . . . . .	98

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

**Table 211.—SIGNALIZED INTERSECTIONS, PUBLIC OFFSTREET PARKING SPACES, AND PARKING METERS IN OPERATION: 1960 TO 1973**

Subject	State operated <sup>1</sup>			County operated <sup>1</sup>		
	1960	1970	1973	1960	1970	1973
Signalized intersections, total . . . . .	54	89	118	133	253	318
Hawaii . . . . .	—	—	1	6	13	17
Maui . . . . .	—	4	10	3	—	—
Lanai and Molokai . . . . .	—	—	—	—	—	—
Oahu . . . . .	54	85	107	123	239	298
Kauai and Niihau . . . . .	—	—	—	1	1	3
Public off-street parking spaces:						
Oahu . . . . .	(NA)	(NA)	(NA)	1,739	3,810	3,198
Parking meters in operation:						
Oahu . . . . .	(NA)	(NA)	(NA)	4,701	5,533	5,423

NA Not available  
<sup>1</sup>As of December 31.

Source: Hawaii State Department of Planning and Economic Development, *Transportation Statistics for Hawaii, 1965* (Statistical Report 35, August 16, 1965), p. 6; City and County of Honolulu, Department of Transportation Services, records; County of Hawaii, Department of Public Works, records; County of Kauai, Department of Public Works, records; County of Maui, Department of Public Works, records.

Table 212.—MOTOR VEHICLE REGISTRATION, FUEL CONSUMPTION, AND VEHICLE MILES: 1900 TO 1973

Year	Motor vehicle registration <sup>1</sup>			Highway fuel consumption <sup>2</sup>		Vehicle miles of travel <sup>3</sup>	
	Total	Passenger cars	Other motor vehicles <sup>4</sup>	Total (1,000 gallons)	Gallons per vehicle	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	32,962	654	461.5	9,153
1940	71,596	58,541	13,055	51,112	714	715.6	9,995
1943 <sup>5</sup>	69,551	56,532	13,019	30,959	445	433.4	6,231
1950	137,917	110,622	27,295	88,596	642	1,240.3	8,993
1955	180,755	153,451	27,304	112,223	621	1,571.1	8,692
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	474,178	413,839	60,339	292,734	617	4,098.3	8,643

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

<sup>2</sup>Includes gasoline, Diesel oil, and Butane gas.

<sup>3</sup>Based on an average of 14 miles per gallon.

<sup>4</sup>Ambulances and hearses, buses, trucks, and tractor-trucks.

<sup>5</sup>Lowest year of World War II for highway fuel consumption and vehicle miles, both total and per vehicle.

Source: Robert C. Schmitt, "Automobile Ownership in Hawaii Before 1931: Dates and Data," *Hawaii Historical Review*, January 1968, pp. 426-432; Hawaii State Highway Department, *Annual Traffic Summary, Island of Oahu, 1959* (August 1960), tables II, III, VI and VII; Hawaii State Department of Transportation, Highways Division, annual releases and records.

**Table 213.—VEHICLE REGISTRATION AND USE, DRIVERS LICENSES IN FORCE, AND STREET AND HIGHWAY MILEAGE, BY COUNTIES: 1973**

Subject	State total	City and County of Honolulu	County of Hawaii	County of Kauai	County of Maui
Motor vehicles registered .....	474,178	367,054	48,375	21,767	36,982
Passenger cars .....	413,839	327,638	38,299	17,766	30,136
Ambulances and hearses .....	99	66	14	5	14
Buses .....	1,724	1,249	178	140	157
Trucks .....	56,002	36,700	9,264	3,683	6,355
Tractor-trucks .....	1,747	1,089	404	108	146
Other vehicles .....	767	312	216	65	174
Other vehicles registered:					
Trailers, semi-trailers .....	15,004	9,559	2,555	1,469	1,421
Motorcycles, motor scooters .....	10,343	8,709	678	400	556
Bicycles .....	91,052	79,177	3,947	3,049	4,879
Highway fuel consumption (1,000 gal.) .....	292,734	225,479	33,012	12,783	21,461
Per motor vehicle (gallons) .....	617	614	682	587	580
Vehicle miles (millions) .....	4,098.3	3,156.7	462.2	179.0	300.5
Per vehicle (miles) .....	8,643	8,600	9,554	8,222	8,124
Drivers licenses in force, Dec. 31 .....	495,043	399,672	42,530	20,033	32,808
Mileage in public sts. and hwy., Dec. 31 .....	3,665.84	1,209.10	1,335.56	318.69	802.49
Paved .....	3,171.58	1,171.77	1,114.15	292.11	593.55
Unpaved .....	494.26	37.33	221.41	26.58	208.94
De facto population per motor vehicle <sup>1</sup> .....	1.86	1.94	1.55	1.62	1.58
Motor vehicles per mile of street or hwy. ....	129.7	303.6	36.2	68.3	46.1

<sup>1</sup>Based on provisional estimates in DPED Statistical Report 102 (April 15, 1974), table 2.

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

*213A TAXIS by County: 1960-1974*

Table 214.—REGISTERED BICYCLES, BY COUNTY: 1925 TO 1973

Year	State total <sup>1</sup>	City and County of Honolulu	County of Hawaii	County of Kauai <sup>2</sup>	County of Maui
1925.....	...	...	...	...	277
1930.....	1,345	780	390	...	175
1935.....	2,625	1,987	361	...	277
1940.....	5,913	4,668	467	...	778
1945.....	8,560	6,732	734	...	1,094
1950.....	11,919	8,154	1,387	...	2,378
1955.....	15,174	11,150	1,913	...	2,111
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

<sup>1</sup>Excludes Kauai before 1971.

<sup>2</sup>Records for years before 1971 lost in fire.

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

Table 215—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 <sup>1</sup> .....	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

<sup>1</sup>Includes 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 216.—COMPONENTS OF CHANGE IN PASSENGER MOTOR VEHICLE REGISTRATION:  
1963 TO 1973**

Year	Number of passenger cars			Out-shipments of automobiles and auto parts (tons) <sup>2</sup>
	Net increase <sup>1</sup>	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.....	26,660	41,919	15,259	(NA)

NA Not available.

<sup>1</sup>From previous registration year.

<sup>2</sup>Excludes 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 217.—NEW PASSENGER CAR REGISTRATIONS, FOR OAHU: 1960 TO 1973**

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.....	6,040
1972.....	32,450	17,842	14,608	45.0	Toyota.....	5,246
1973.....	35,546	20,748	14,798	41.6	Chevrolet <sup>1</sup> .....	4,726

<sup>1</sup>Other makes with 1,500 or more new passenger car registrations on Oahu during 1973 included: Toyota, 4,652; Datsun, 4,409; Ford, 3,260; Volkswagen, 3,216; Plymouth, 2,800; Dodge, 2,384; Pontiac, 1,695; and Buick, 1,541.

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



**Table 218.—ESTIMATED PRIVATE COST OF OPERATING AN AUTOMOBILE IN HONOLULU: 1972**  
(Based on a ten-year life span and total mileage of 83,000.)

Type of automobile	Total ten-year cost (dollars)			Average purchase price (dollars)	Miles per gallon
	Amount	Percent of U.S. average <sup>1</sup>	Per mile		
Standard .....	16,794	124	0.202	5,200	12
Compact .....	13,713	127	0.165	3,700	15
Sub-compact.....	11,851	120	0.142	3,000	22

<sup>1</sup>The average ten-year cost of operating automobiles on the Mainland was based on total mileage of 100,000. Costs per mile as a percent of U.S. averages would thus be even higher than the figures shown here.

Source: *Report to the Seventh Legislature of the State of Hawaii, Regular Session of 1974, Relating to the Interdepartmental Transportation Control Commission, Office of the Governor, State of Hawaii* (February 1974), p. 25.

✓ **Table 219.—MOTOR VEHICLE DEATHS AND TRAFFIC DEATHS, INJURIES, AND MAJOR ACCIDENTS: 1917 TO 1973**

Year	Motor vehicle deaths <sup>1</sup>	Traffic deaths	Traffic injuries	Major traffic accidents <sup>2</sup>
1917.....	22	...	...	...
1920.....	41	...	...	...
1925.....	57	...	...	...
1930.....	86	...	...	...
1935.....	74	...	...	...
1940.....	63	...	...	...
1945.....	161	107	...	...
1950.....	65	61	2,112	6,599
1955.....	50	...	...	...
1960.....	117	96	4,754	7,254
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 (prov.).....	148	136	11,860	19,544

<sup>1</sup>Traffic and non-traffic deaths combined. Non-traffic motor vehicle deaths include those occurring on military bases or private property.

<sup>2</sup>Traffic accidents with damage of \$100 or more 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 220.—BUS, STREETCAR, AND RAILWAY REVENUE PASSENGERS: 1891 TO 1973

Year	Bus or street-car (Honolulu) <sup>1</sup>	Steam railway <sup>2</sup>		
		All railroads	Oahu Rwy. & Land Co.	Other railroads
1891 .....	(NA)	(NA)	103,644	(NA)
1895 .....	(NA)	(NA)	70,354	(NA)
1900 .....	(NA)	(NA)	278,872	(NA)
1905 .....	6,494,936	(NA)	424,379	(NA)
1910 .....	8,979,874	(NA)	617,719	(NA)
1915 .....	11,822,269	1,344,905	996,944	347,961
1920 <sup>3</sup> .....	16,926,617	2,760,585	2,033,756	726,829
1925 .....	17,436,122	1,463,053	919,513	543,540
1930 .....	14,505,045	591,069	322,685	268,384
1935 .....	12,712,052	619,488	370,646	248,842
1940 .....	23,390,745	354,159	331,587	22,572
1945 .....	85,245,013	2,039,550	1,937,825	101,725
1950 <sup>3</sup> .....	41,787,045	—	—	—
1955 .....	29,658,374	—	—	—
1960 .....	29,083,700	—	—	—
1961 .....	26,116,687	—	—	—
1962 .....	24,530,398	—	—	—
1963 .....	22,922,296	—	—	—
1964 .....	22,945,470	—	—	—
1965 .....	23,190,704	—	—	—
1966 .....	23,694,206	—	—	—
1967 <sup>3</sup> .....	18,301,341	—	—	—
1968 .....	23,514,205	—	—	—
1969 .....	24,079,233	—	—	—
1970 .....	23,693,547	} 341,882	—	341,882
1971 <sup>3</sup> .....	17,861,774		—	—
1972 .....	22,752,670	(NA)	—	(NA)
1973 .....	25,835,814	(NA)	—	(NA)

NA Not available.

<sup>1</sup>Calendar year data for the Honolulu Rapid Transit Co., Ltd., 1905-1970, and for the Mass Transit Lines 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. This function was assumed by MTL in 1971. Data for 1972 and later years exclude senior citizens carried without charge (4,163,482 in 1973), revenue zone passengers (293,683), school subsidy passengers (77,926), and charter service (31,653). Figures for 1972 include contracted services for Windward, North Shore, and Waianae Coast from January 1 to August 12, 1972.

<sup>2</sup>Calendar year data for 1891-1905, years ended June 30 for 1910 and 1915, and calendar years thereafter. 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 10, 1970 to October 10, 1972. 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.

<sup>3</sup>Passenger volumes affected by major strikes.

Source: Hawaii State Department of Planning and Economic Development, *Passenger Statistics of Hawaii* (Statistical Report 75, August 25, 1970); City and County of Honolulu; Department of Transportation Services, records; Lahaina, Kaanapali & Pacific Railroad, records.

Table 221.—AIRLINE AND SHIP REVENUE PASSENGERS: 1860 TO 1973

Year	Ship passengers			Airline passengers			
	Inter-island: arrivals <sup>1</sup>	Transpacific <sup>2</sup>		Inter-island: arrivals <sup>3</sup>	Transpacific <sup>4</sup>		
		Arrivals	Departures		Arrivals	Departures	Through
1860 .....	38,000	685	663	—	—	—	—
1866 .....	(NA)	905	681	—	—	—	—
1870 .....	(NA)	1,448	1,047	—	—	—	—
1875 .....	(NA)	850	654	—	—	—	—
1880 .....	(NA)	5,593	1,928	—	—	—	—
1885 .....	(NA)	7,140	3,588	—	—	—	—
1890 .....	(NA)	7,087	3,923	—	—	—	—
1895 .....	(NA)	8,090	4,636	—	—	—	—
1899 .....	(NA)	32,725	9,063	—	—	—	—
1905 .....	(NA)	(NA)	(NA)	—	—	—	—
1910 .....	62,236	15,876	13,302	—	—	—	—
1915 .....	67,787	12,665	13,555	—	—	—	—
1920 .....	95,237	13,766	16,404	—	—	—	—
1925 .....	103,003	31,877	24,672	—	—	—	—
1930 .....	143,806	36,000	34,000	10,356	—	—	—
1935 .....	112,091	37,096	40,328	13,355	—	—	—
1940 .....	158,328	50,401	44,181	28,624	639 (NA)		
1945 .....	13,217	(NA)	(NA)	170,437			
1950 .....	—	17,821	17,822	438,938	44,815	48,188	25,735
1955 .....	—	26,353	23,739	619,486	114,104	117,319	59,128
1960 .....	—	43,862	37,041	955,610	367,513	373,672	44,404
1961 .....	—	35,700	32,402	939,336	422,657	443,686	59,729
1962 .....	—	36,781	30,144	979,756	508,025	501,499	74,552
1963 .....	—	35,136	27,624	1,144,265	595,350	593,917	106,473
1964 .....	—	30,738	25,439	1,340,996	706,821	694,711	114,727
1965 .....	—	29,868	24,122	1,538,392	833,415	828,967	131,873
1966 .....	—	29,612	24,899	1,754,970	1,000,687	973,158	151,634
1967 .....	—	28,830	24,046	2,117,557	1,285,210	1,252,700	162,119
1968 .....	—	26,603	22,496	2,347,949	1,358,335	1,307,447	183,864
1969 .....	—	24,089	21,339	2,724,622	1,766,720	1,769,087	270,340
1970 .....	—	13,267	13,699	2,992,777	2,190,809	2,158,577	893,890
1971 .....	—	8,943	8,024	3,380,031	2,296,119	2,304,570	729,237
1972 .....	—	10,725	8,820	4,093,338	2,540,472	2,550,199	733,362
1973 .....	—	9,742	7,585	4,809,097	2,866,003	2,913,446	870,378

NA Not available.

<sup>1</sup>Calendar year 1860, years ended June 30, 1910-1935, and calendar years thereafter. The 1860 figure is an estimate based on 1861 data for Honolulu. Except for limited accommodations aboard freighters, scheduled interisland passenger service was discontinued in January 1949.

<sup>2</sup>For the Port of Honolulu only. Calendar years 1860 to 1899, years ended June 30, 1911 (for 1910) and 1915 to 1925, calendar year 1930, and years ended June 30, 1935 and thereafter. Data exclude through passengers.

<sup>3</sup>Calendar years. Includes air taxis. Includes nonrevenue passengers beginning in 1970. Service began in 1929.

<sup>4</sup>Calendar year data for all airports. Includes nonrevenue passengers beginning in 1970. Treatment of through passengers was apparently changed after 1959 and again after 1969. Scheduled service began in Honolulu in 1936 and Hilo in 1967.

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.

Table 222.—AIRPORTS, BY CONTROL, AND AIRCRAFT OPERATIONS AT SPECIFIED AIRPORTS: 1922 TO 1974

Year	Number of airports				Aircraft operations		
	Total	State	Military	Private <sup>1</sup>	Hilo: Lyman Field	Honolulu Intern'l Airport	Kahului Airport
1922 .....	2	—	2	—	—	—	—
1928 .....	13	(NA)	7	(NA)	—	(NA)	—
1930 <sup>2</sup> .....	22	6	6	12	(NA)	(NA)	—
1935 .....	(NA)	8	(NA)	(NA)	(NA)	(NA)	—
1940 .....	(NA)	7	(NA)	(NA)	(NA)	(NA)	—
1948 .....	(NA)	14	(NA)	(NA)	(NA)	194,570	(NA)
1950 .....	(NA)	16	(NA)	(NA)	38,718	174,943	(NA)
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	...	...	...

NA Not available

<sup>1</sup>Mostly on sugar plantations. The 1930 figure includes 11 "emergency fields," some of which were apparently located on government land.

<sup>2</sup>Airport total includes two under joint jurisdiction.

Source: William J. Horvat, *Above the Pacific* (1966), pp. 34 and 43; *Annual Report, Territorial Aeronautical Commission . . . 1930*, p. 23; *Report . . . by the Superintendent of Public Works* for 1935 (p. 14) and 1940 (pp. 42 and 44); Hawaii Aeronautics Commission, *Annual Report* for 1948 (pp. 7 and 18), 1950 (p. 9), and 1955 (pp. 13-19); *FAA Statistical Handbook of Aviation*, 1967 ed., p. 11; Hawaii State Department of Transportation, Airports Division, records.

**Table 223.—AIR CARGO AND AIR MAIL: 1950 TO 1973**  
(In thousands of pounds)

Year <sup>1</sup>	Overseas air cargo <sup>2</sup>			Overseas air mail <sup>2</sup>			Interisland <sup>3</sup>	
	Outgoing	Incoming	Through	Outgoing	Incoming	Through	Air cargo: incoming	Air mail: incoming
1950 <sup>4</sup> .....	1,144	1,935	1,389	1,214	1,230	1,121	19,532	863
1955 .....	857	1,417	3,178	1,603	1,590	4,143	24,143	748
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 <sup>5</sup> .....	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 <sup>6</sup> .....	67,131	116,591	(NA)	17,915	24,883	(NA)	51,389	14,332
1972 <sup>7</sup> .....	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

NA Not available.

<sup>1</sup>Fiscal years ended June 30, 1950 to 1960; calendar years, 1961 and later.

<sup>2</sup>For 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.

<sup>3</sup>All airports. Cargo totals include air freight and air express.

<sup>4</sup>Data reflect shipping strike of May 1, 1949-October 24, 1949.

<sup>5</sup>Data reflect the airlifting of all interisland third- and fourth-class mail beginning in October 1965.

<sup>6</sup>Data reflect the shipping strike of July 1, 1971-October 6, 1971.

<sup>7</sup>Data reflect the shipping strikes of January 17-February 19 and October 25-December 7, 1972.

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

**Table 224.—PASSENGERS, CARGO, AND MAIL, BY AIRPORT: 1973**

Airport	Passengers <sup>1</sup>		Cargo (1,000 lb.)		Mail (1,000 lb.)	
	In	Out	In	Out	In	Out
<b>OVERSEAS</b>						
Total .....	2,866,003	2,913,446	87,834	57,494	21,001	16,123
Honolulu .....	2,737,609	2,765,115	83,732	36,673	21,000	15,910
Hilo (Lyman) .....	123,759	147,207	4,102	20,821	1	214
Kahului .....	4,635	1,124	—	—	—	—
Other airports .....	—	—	—	—	—	—
<b>INTERISLAND</b>						
Total .....	4,809,097	4,809,097	69,710	69,710	16,453	16,453
Honolulu .....	1,851,877	1,884,534	22,040	40,524	3,324	12,625
Hilo (Lyman) .....	549,532	537,520	11,839	18,193	4,144	1,262
Upolu .....	677	650	—	—	—	—
Waimea-Kohala .....	49,461	48,167	459	2,466	355	131
Ke-ahole .....	370,457	357,743	4,619	1,878	1,140	346
Kahului .....	935,340	928,720	17,512	4,362	4,147	1,246
Hana .....	7,271	7,692	14	10	11	4
Kaanapali .....	23,499	24,722	278	24	—	—
Molokai .....	73,480	71,694	1,182	517	349	75
Kalaupapa .....	2,858	3,027	292	32	26	9
Lanai .....	20,435	20,012	1,130	136	158	33
Lihue .....	922,386	922,847	10,340	1,569	2,799	721
Other airports .....	1,824	1,569	4	0	—	—

<sup>1</sup>Revenue and non-revenue, including Military Airlift Command (MAC). Excludes overseas passengers in transit (870,378, all through Honolulu International Airport).

Source: Hawaii State Department of Transportation, Airports Division, *Air Traffic Monthly Summary, December 1973*, and records.

✓ Table 225.—AIR FARES AND FLIGHT TIMES FOR SPECIFIED INTERISLAND AND TRANSPACIFIC FLIGHTS: 1930 TO 1974

Year (as of Jan. 1)	Honolulu-Hilo by Hawaiian Airlines				Honolulu-San Francisco by Pan American World Airways			
	Aircraft	1-way fare <sup>1</sup>	Round trip fare <sup>1</sup>	Time <sup>2</sup>	Aircraft	1-way fare <sup>1</sup>	Round trip fare <sup>1</sup>	Time <sup>2</sup>
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

<sup>1</sup>Least expensive regular fare, including tax, in dollars.

<sup>2</sup>Average 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).

225A. Documented and Numbered Registered Vessels: 1960-1974

Table 226.—UNDOCUMENTED STATE-REGISTERED VESSELS: DECEMBER 31, 1973

Subject	Number	Subject	Number
Certificates outstanding .....	12,049	Type of vessel:	
Length:		Cabin motorboat .....	1,145
Under 16 feet .....	6,098	Open motorboat .....	4,927
16 to less than 26 feet .....	4,906	Runabout .....	3,084
26 to less than 40 feet .....	831	Sail/inboard .....	335
40 to 65 feet .....	158	Sail/outboard .....	564
Over 65 feet .....	9	Sail only .....	1,555
Dealers or manufacturers .....	47	Motor vessel over 65 feet .....	9
Hull materials:		Other .....	383
Wood .....	4,021	Uses:	
Steel .....	25	Pleasure .....	11,139
Aluminum .....	325	Commercial fishing .....	519
Plastic .....	7,419	Charter fishing .....	11
Other .....	259	Commercial passenger .....	19
Propulsion:		Other commercial .....	33
Inboard .....	732	Livery .....	42
Outboard .....	7,826	Dealers or manufacturers .....	47
Inboard/outboard .....	925	Youth group .....	21
Sail/inboard .....	349	Government .....	136
Sail/outboard .....	504	Other .....	82
Sail only .....	1,578	Island kept:	
Other .....	88	Hawaii .....	1,158
Type of storage:		Kauai .....	868
On water .....	2,564	Lanai .....	48
On land .....	9,468	Maui .....	579
		Molokai .....	211
		Oahu .....	9,138

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



✓ **Table 227.—BOATING ACCIDENTS: 1971 TO 1973**

Subject	1971	1972	1973
Number of accidents, total .....	15	37	27
Fatal .....	2	7	1
Non-fatal injury .....	—	4	2
Property damage only .....	13	26	24
Number of vessels in accidents, total .....	16	43	30
Fatal .....	2	7	1
Non-fatal injury .....	—	5	2
Property damage only .....	14	31	27
Number of persons killed .....	2	9	1
Number of persons injured non-fatally .....	—	7	2
Amount of damage (\$1,000) .....	64.8	254.1	126.1

Source: U.S. Department of Transportation, Coast Guard, *Boating Statistics 1972*, CG-357 (1973), pp. 14-15, and *Boating Statistics 1973*, CG-357 (1974), pp. 16-17.

**Table 228.—SHIP ARRIVALS AT THE PORT OF HONOLULU: 1824 TO 1973**

Calendar year	Overseas merchant ships <sup>1</sup>		Overseas whaling ships <sup>2</sup>		National ships <sup>3</sup>
	Number	Gross tonnage	Number	Gross tonnage	
1824 .....	17	(NA)	88	(NA)	—
1830 .....	39	(NA)	94	(NA)	—
1835 .....	32	(NA)	77	(NA)	—
1840 .....	31	(NA)	47	(NA)	6
1845 .....	41	(NA)	163	(NA)	14
1850 .....	342	90,304	125	46,394	13
1855 .....	142	48,870	171	(NA)	16
1860 .....	107	38,660	179	(NA)	9
1865 .....	145	65,699	106	(NA)	7
1870 .....	155	90,662	84	27,674	16
1875 .....	131	92,922	24	7,475	19
1880 .....	206	134,616	11	3,467	15
1885 .....	200	173,733	26	8,073	6
1890 .....	231	206,470	21	6,100	12
1895 .....	246	302,437	10	1,557	8
1899 .....	501	693,158	(NA)	(NA)	(NA)

*(Continued on next page)*

Table 228.—SHIP ARRIVALS AT THE PORT OF HONOLULU: 1824 TO 1973 (continued)

Year ended June 30	Overseas vessels		Interisland vessels	
	Number	Gross tonnage	Number	Gross tonnage
1905 .....	394	886,854	(NA)	(NA)
1910 .....	373	1,239,076	(NA)	(NA)
1915 .....	607	3,713,583	(NA)	(NA)
1920 .....	839	4,529,973	(NA)	(NA)
1925 .....	758	5,970,095	(NA)	(NA)
1930 .....	903	7,606,889	1,365	1,637,551
1935 .....	719	7,276,368	1,256	1,565,118
1940 .....	872	7,436,354	2,622	1,917,363
1945 .....	1,736	11,705,115	(NA)	(NA)
1950 .....	861	7,280,503	2,210	1,058,825
1955 .....	996	8,846,584	2,059	982,149
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 .....	1,933	16,053,275	3,321	2,167,733
1971 .....	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

NA Not available.

<sup>1</sup>“Traders” for 1824-1840, “merchantmen” or “merchant vessels” for 1845-1880, and “vessels” for 1885-1899.

<sup>2</sup>Includes a small number of sealers for 1824-1840 and 1895.

<sup>3</sup>Foreign warships and survey vessels.

Source: *The Friend*, May 1, 1844 (pp. 49-50) and March 2, 1846 (p. 37); *The Polynesian*, February 1, 1851 and January 19, 1861; *Annual Report of the Minister of Finance, 1856*; *Hawaiian Gazette*, February 3, 1866 and February 15, 1871; *Custom House Statistics* for 1875 and 1880; *Annual Report of the Collector-General of Customs* for 1885, 1890, 1895, and 1899; *Report of the Governor of Hawaii* for 1905 (p. 68) and 1910 (p. 23); *Annual Report of the Board of Harbor Commissioners* for 1915-1961; Hawaii State Department of Transportation, Harbors Division, *Statistical Report . . . 1962, Shipping Information* for 1963-1968 and records. Tonnage estimated for 1970 and 1971.

Table 229.—VESSELS ARRIVING AT SPECIFIED HARBORS: 1972

Harbor	Total inbound vessels <sup>1</sup>	By type of vessel <sup>1</sup>					By draft <sup>1</sup>	
		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 .....	15,835	6,947	415	4,287	4,063	123	(NA)	(NA)
Hilo .....	649	93	41	223	268	24	523	126
Kawaihae .....	343	11	15	157	159	1	321	22
Kahului .....	870	198	37	271	341	23	795	75
Barbers Point .....	233	—	90	84	30	29	133	100
Honolulu .....	6,575	2,763	159	1,878	1,736	39	5,727	848
Nawiliwili .....	419	61	13	165	176	4	386	33
Kaunakakai .....	1,466	—	—	784	682	—	918	548
Port Allen .....	175	10	15	80	70	—	(NA)	(NA)
Kaunapau .....	652	—	—	316	333	3	652	—
Pearl Harbor .....	3,246	3,073	45	105	23	—	(NA)	(NA)
Other Honolulu area .....	1,204	738	—	223	243	—	(NA)	(NA)
Kalaupapa .....	3	—	—	1	2	—	3	—

NA Not available

<sup>1</sup>Excludes domestic fishing craft and Army and Navy vessels.

Source: U.S. Departments of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 1972*, Part 4 (1972), pp. 104-105.

229 a State Commercial Harbors.

**Table 230.—FREIGHT AND PASSENGER TRAFFIC FOR SPECIFIED HARBORS: 1910 TO 1972**

Year	Passengers <sup>1</sup>			Freight (1,000 short tons) <sup>2</sup>			
	Hilo Harbor	Honolulu Harbor <sup>3</sup>	Kahului Harbor	Barbers Point Harbor	Hilo Harbor	Honolulu Harbor	Kahului Harbor
1910 .....	—	—	—	—	252.8	1,211.0	—
1915 .....	21,598	100,537	9,844	—	428.4	1,680.3	255.0
1920 .....	41,524	149,862	17,860	—	316.2	2,039.0	228.3
1925 .....	46,302	195,926	24,626	—	344.4	1,981.1	337.5
1930 .....	43,989	207,436	31,183	—	406.7	1,926.5	442.2
1935 .....	35,042	166,196	27,146	—	416.8	2,113.0	396.3
1940 .....	46,604	278,260	37,122	—	528.3	3,353.8	495.7
1945 .....	11,145	48,132	3,966	—	714.8	4,808.1	535.6
1950 .....	525	50,660	26	—	739.9	2,812.0	630.6
1955 .....	281	72,874	81	—	850.7	3,650.5	685.6
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

<sup>1</sup>Total arrivals and departures for transpacific, interisland, and local travel. Not available before 1915.

<sup>2</sup>Excludes cargo carried by Army and Navy vessels and cargo in transit.

<sup>3</sup>Most 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 table 231.

Source: *Report of the Chief of Engineers, U.S. Army* for 1920-1945; U.S. Army, Corps of Engineers, *Waterborne Commerce of the United States* for 1953-1972.

✓ **Table 231.—PASSENGER ARRIVALS AND DEPARTURES FOR HONOLULU HARBOR: 1969 TO 1973**

Year	All passengers	To or from foreign countries		To or from other states		Island excursions <sup>1</sup>	
		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

<sup>1</sup>Mostly between Kewalo Basin and Pearl Harbor.

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

✓ ✓ **Table 232.—OVERSEAS AND INTERISLAND SHIPPING: 1960 TO 1972**  
(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

Source: Hawaii State Department of Transportation, records.

**Table 233.—FREIGHT TRAFFIC FOR SPECIFIED HARBORS: 1972**  
(Short tons)

Harbor and commodity <sup>1</sup>	Total	Foreign		Domestic			
		Imports	Exports	Coastwise <sup>2</sup>		Internal receipts	Local
				Receipts	Shipments		
Hilo .....	1,108,067	28,634	13,041	723,389	342,792	211	—
Kawaihae .....	303,116	—	7,321	106,405	189,297	93	—
Kahului .....	1,297,829	25,675	—	652,025	620,068	61	—
Sugar .....	326,965	—	—	1,048	325,197	—	—
Kaunakakai .....	751,455	—	—	101,373	650,079	3	—
Fresh fruits and tree nuts .....	639,329	—	—	343	638,986	—	—
Barbers Point .....	3,420,445	2,306,006	77,695	627,276	409,468	—	—
Crude petroleum .....	2,128,493	2,095,896	—	32,597	—	—	—
Residual fuel oil .....	864,799	96,618	44,487	578,174	145,520	—	—
Honolulu .....	7,960,447	1,352,210	116,243	4,094,287	2,397,372	50	285
Fresh fruits and tree nuts .....	945,724	1,382	198	902,781	41,363	—	—
Prep. fruit and veg. juice .....	565,788	1,318	40,548	120,742	403,180	—	—
Molasses .....	331,162	—	10,428	130,583	190,151	—	—
Gasoline .....	360,429	—	10,257	274,340	75,832	—	—
Kerosene .....	1,067,200	871,116	1,258	145,404	49,422	—	—
Distillate fuel oil .....	303,968	1,047	1,704	258,385	42,832	—	—
Residual fuel oil .....	601,537	72,527	5,040	400,977	122,708	—	285
Fabricated metal products .....	324,221	8,460	39	135,154	180,568	—	—
Nawiliwili .....	582,887	8,441	—	244,797	329,621	28	—
Kalaupapa .....	992	}	(NA)	(NA)	(NA)	(NA)	(NA)
Port Allen .....	163,951						
Kaumalapau .....	286,876						
Other Honolulu area ports (net) .....	264,459						
Sand, gravel, crushed rock .....	263,290						
Pearl Harbor .....	728,475	}	(NA)	(NA)	(NA)	(NA)	(NA)
Residual fuel oil .....	320,098						

NA Not available

<sup>1</sup>Commodities under 250,000 tons not shown separately.

<sup>2</sup>Includes both interisland and interstate traffic.

Source: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Calendar Year 1972*, Part 4 (1973), pp. 32-41.