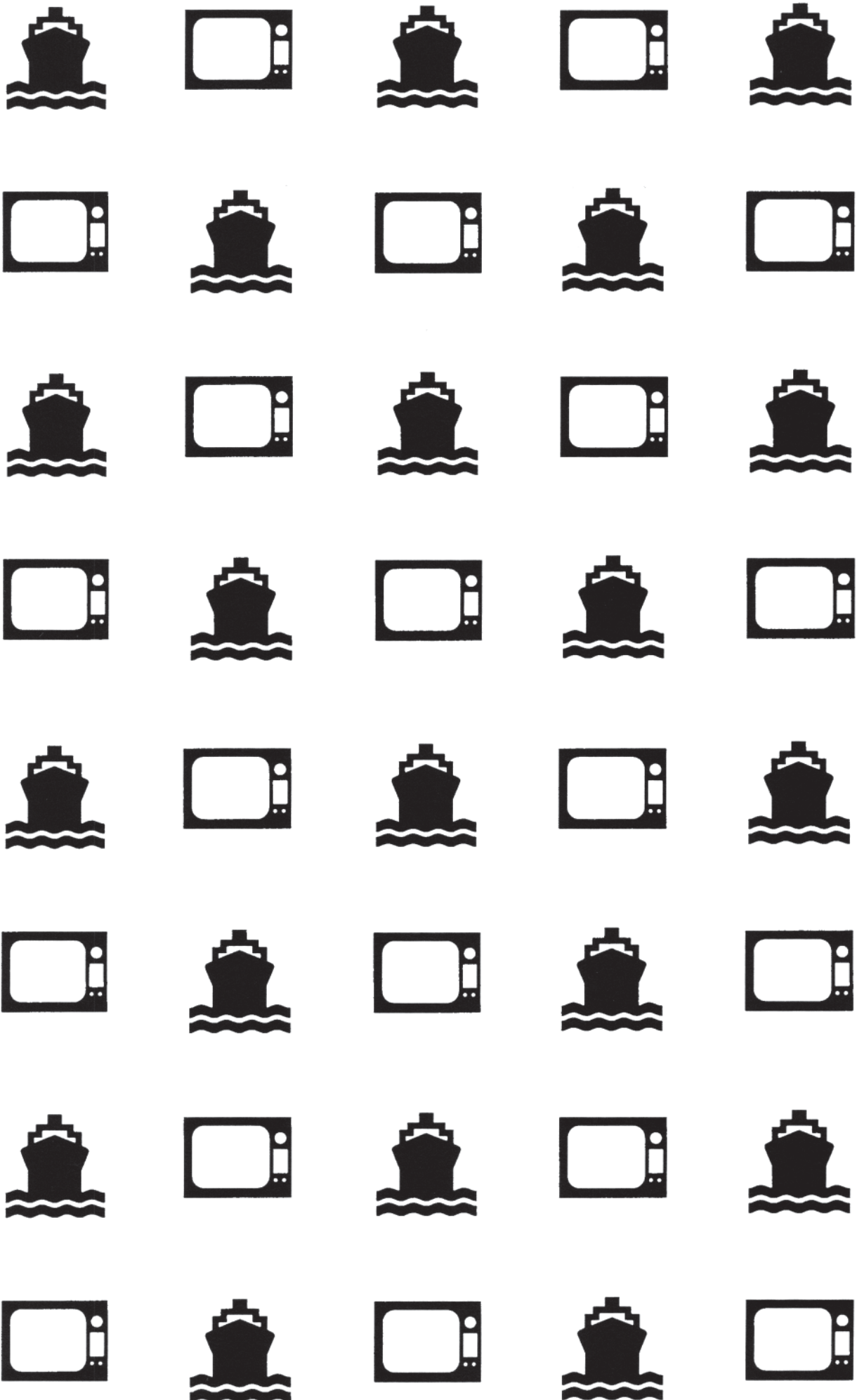


# Communication & Transportation



## Section 6

### COMMUNICATION & TRANSPORTATION

This section covers statistics on communications and transportation.

Newspapers, radio and television station statistics are included in the first section (6.1). Under transportation, statistics on fuel usage, rental cars, registered drivers, aircraft and water craft facilities and freight traffic are presented.

With more than 45,000 tons of cargo and mail passing through Kahului Airport and just under 4,800,000 tons passing through Kahului Harbor, water transport remains the primary way goods reach Maui.

The transportation statistics are mostly taken from the Hawai'i State Department of Transportation.

## 6.1.1

### AVERAGE PAID CIRCULATION OF THE MAUI NEWS

For 24 month period ending March 31

Year	Monday-Thursday	Friday	Saturday	Sunday
1994	18,615	21,691		22,246
1995	18,816	21,865		23,441
1996	18,379	21,234		23,866
1997	17,710	20,346		23,992
1998	17,142	19,634		24,098
2001	18,880	21,069	18,718	25,090
2002		21,214 <sup>1</sup>		26,525
2003		21,631 <sup>1</sup>		26,833
2004		22,032 <sup>1</sup>		26,931
2005		21,902 <sup>1</sup>		26,382
2006 <sup>2</sup>		21,668 <sup>1</sup>		26,547
2007		20,777 <sup>1</sup>		25,343

Note: 1994 to 1997 average year circulation calculated from quarterly averages. The Maui News started publishing a Saturday edition in 2001. <sup>1</sup> Monday through Saturday. <sup>2</sup> 2006 and previous years circulation numbers were for a 12 month period.

SOURCE: Audit Bureau of Circulations, Maui News Audit Report, 1990-1998 and Maui News records 2007.

## 6.1.2

### AVERAGE DISTRIBUTION OF OTHER NEWSPAPERS, MAUI COUNTY

<b>Free Circulation</b>		
Fil-Am Observer <sup>1</sup>	10,000	monthly
Filipino Summit <sup>2</sup>	10,000	monthly
Haleakalā Times	14,500	bi-weekly
Lahaina News	12,350	weekly
Maui Time Weekly	18,000	weekly
Maui Weekly	25,500	weekly
The Lāna'i Times	5,000	monthly
The Moloka'i Advertiser News	3,000	weekly
The Moloka'i Dispatch	5,270	weekly
<b>Paid Circulation</b>		
Honolulu Advertiser	5,330	daily
Honolulu Star Bulletin	NA	daily

NA: Not Available.

<sup>1</sup> Formerly Fil Am LIGHT News

<sup>2</sup> State Wide circulation.

SOURCE: Hawai'i Business Research Library, Phone Survey

### 6.1.3

## CABLE TELEVISION COMPANIES, SUBSCRIBERS AND REVENUES, BY COUNTY

	Maui	Hawai'i	Honolulu	Kaua'i	StateTotal
<b>Number of Companies<sup>1</sup></b>					
Dec. 31, 2002	3	3	1	2	1
Dec. 31, 2003	2	2	1	1	1
Dec. 31, 2004	2	2	1	1	1
Dec. 31, 2005	2	2	1	1	1
Dec. 31, 2006	2	2	1	1	1
Dec. 31, 2007	2	2	1	1	1
<b>Subscribers<sup>2</sup></b>					
Dec. 31, 2002	49,202	37,554	269,681	21,028	377,465
Dec. 31, 2003	49,918	37,291	274,416	21,087	383,342
Dec. 31, 2004	50,814	38,991	278,336	21,357	389,498
Dec. 31, 2005	51,626	38,955	282,225	21,378	394,184
Dec. 31, 2006	52,937	46,274	284,038	24,050	407,299
Dec. 31, 2007	54,637	47,959	285,811	23,550	411,957
<b>Basic Service Revenue (\$1,000)</b>					
2002	16,809	15,016	91,301	7,549	130,675
2003	18,012	15,821	95,401	8,091	137,325
2004	18,903	16,722	101,318	8,582	145,527
2005	19,861	17,883	106,248	9,102	153,095
2006	20,997	19,181	111,308	9,842	161,329
2007	22,066	20,478	115,633	10,373	168,551

<sup>1</sup> State totals are unduplicated figures; one company provided service to three counties.

<sup>2</sup> Hawaiian Cablevision has redefined multiunit as expressed by Federal rules.

SOURCE: Hawai'i State Department of Commerce and Consumer Affairs, Cable Television Division, records.

### 6.1.4

## RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, MAUI COUNTY

Station	State Total	Maui County
<b>Commercial Stations</b>		
AM	31	4 <sup>1</sup>
FM	53	12
TV2	25	5
<b>Non-commercial Stations</b>		
AM	—	—
FM	11	1
TV2	2	1

<sup>1</sup> Excludes one commercial AM station with studio on O'ahu but transmitter on Moloka'i.

<sup>2</sup> Includes satellites but excludes translators and cable television.

SOURCE: Federal Communications Commission, Mass Media Bureau, Audio Services and Video Services Divisions, records.

## 6.2.1

### Liquid Fuel Tax Base, Maui County

Thousands of gallons

	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	<b>107,449</b>	<b>145,548</b>	<b>128,416</b>	<b>145,322</b>	<b>136,979</b>	<b>151,542</b>	<b>152,301</b>
Gasoline	56,585	59,380	73,689	62,593	61,998	66,563	62,629
Diesel Oil, Non-Highway	25,580	36,566	5,044	16,255	8,470	14,229	12,560
Diesel Oil, Highway use	4,151	4,839	4,307	5,976	5,392	7,581	9,019
Liquid Petroleum Gas, Off Highway	590	167	137	394	2	0	0
Liquid Petroleum Gas, Highway use	16	19	17	15	21	13	7
Other Fuel			115	328	693	864	443
Aviation Fuel	20,525	44,561	45,109	59,762	60,403	62,292	67,643

SOURCE: Hawai'i State Department of Taxation, *Liquid Fuel Tax Base and Tax Collections*, Calendar Year (annual release), and records.

## 6.2.2

### ESTIMATED DAYTIME POPULATION AND EMPLOYMENT-RESIDENCE RATIOS, MAUI CDP

Place Name	Resident Population	Workers Working In	Workers Living In	Daytime Population	Percent Change	Percent of Workers Living In
Ha'ikū-Pa'uwela	6,578	1,139	3,071	4,646	-29.4	21.2
Kāanapali	1,375	2,844	615	3,604	162.1	25.0
Kahului	20,146	12,992	8,203	24,935	23.8	42.6
Kihei	16,749	6,117	8,819	14,047	-16.1	32.6
Lahaina	9,118	6,568	4,562	11,124	22.0	49.5
Makawao	6,327	1,356	3,252	4,431	-30.0	15.1
Nāpili-Honokōwai	6,788	890	3,941	3,737	-44.9	11.8
Pukalani	7,380	1,119	3,812	4,687	-36.5	12.7
Waihe'e-Waiehū	7,310	238	3,392	4,156	-43.1	3.3
Wailea-Mākena	5,671	4,441	3,176	6,936	22.3	31.2
Wailuku	12,296	8,271	5,602	14,965	21.7	33.9

CDP: Census Designated Place.

SOURCE: U.S. Bureau of the Census, Census 2000.

### 6.2.3

## MOTOR VEHICLE CRASHES BY TYPE AND TOWN, MAUI COUNTY CALENDAR YEAR 2007

Town	Major <sup>1</sup>	Minor <sup>2</sup>	Civil <sup>3</sup>	Non Traffic
Ha'ikū	55	71	13	3
Hāli'imaile	21	26	0	0
Hāna	20	95	7	2
Kaanapali	19	20	26	3
Kahana/Nāpili	16	17	10	0
Kahului	249	453	272	6
Kapalua	7	7	6	0
Kihei	249	267	110	8
Kula	50	63	10	2
Lahaina	134	179	50	1
Lāna'i	9	18	5	0
Makawao	35	73	15	3
Moloka'i	33	40	18	4
Pā'ia	36	46	20	2
Pukalani	14	23	17	1
Wailuku	110	206	63	9
Unknown	60	80	15	1
<b>TOTAL</b>	<b>1,117</b>	<b>1,684</b>	<b>657</b>	<b>45</b>

<sup>1</sup> Major Vehicle Crash: Resulting in injury or damages are estimated to exceed \$3,000.

<sup>2</sup> Minor Vehicle Crash: No injuries or and estimated damages of less than \$3,000.

<sup>3</sup> Crash occurred on private property.

SOURCE: County of Maui, Maui Police Department, records.

6.2.4

**GASOLINE AND DIESEL AVERAGE PRICES PER GALLON, MAUI COUNTY<sup>1</sup>**

Location	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08
<b>Regular unleaded gasoline</b>												
Ha'ikū	3.749	NA	NA	3.869	3.919	4.217	4.519	4.659	4.635	4.599	3.999	3.252
Hāna	NA	NA	NA	NA	NA	4.832	5.053	5.292	5.299	5.239	4.999	4.679
Kahului	3.838	3.843	3.851	3.916	4.061	4.247	4.544	4.638	4.624	4.553	4.158	3.409
Kaunakakai	4.126	4.139	4.139	4.199	4.405	4.547	4.810	5.057	5.155	5.103	4.947	4.438
Kīhei	3.832	3.849	3.863	3.953	4.078	4.282	4.510	4.633	4.611	4.537	4.183	3.435
Kula	3.818	3.839	3.842	3.965	4.018	4.278	4.502	4.652	4.614	4.516	3.772	3.376
Lahaina	3.854	3.867	3.868	3.933	4.063	4.273	4.533	4.658	4.631	4.550	4.188	3.457
Makawao	3.775	3.761	3.802	3.892	4.051	4.280	4.543	4.657	4.612	4.517	4.087	3.381
Pā'ia	3.860	3.875	3.887	3.944	4.078	4.316	4.548	4.658	4.628	4.552	4.180	3.457
Wailuku	3.866	3.874	3.880	3.944	4.078	4.301	4.552	4.639	4.627	4.556	4.185	3.434
<b>Diesel</b>												
Ha'ikū	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hāna	NA	5.449	NA	NA	NA	NA	NA	5.999	5.999	5.999	5.649	5.432
Kahului	3.961	3.992	3.999	4.193	4.422	4.741	5.191	5.476	5.262	5.135	5.001	4.655
Kaunakakai	4.129	4.129	4.129	4.269	4.574	4.933	5.352	5.418	5.403	5.339	4.895	4.280
Kīhei	4.149	4.146	4.167	4.304	4.527	4.950	5.399	5.500	5.445	5.246	5.105	4.800
Kula	NA	4.279	NA	4.329	4.629	4.950	5.139	5.252	5.107	4.870	4.562	4.002
Lahaina	3.818	3.827	3.833	4.057	4.438	4.840	5.259	5.434	5.437	5.302	5.108	4.830
Makawao	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pā'ia	NA	NA	NA	NA	4.839	4.839	4.894	5.309	5.169	4.999	4.949	4.067
Wailuku	4.033	3.981	3.953	4.171	4.455	4.820	5.343	5.446	5.414	5.264	5.097	4.902

<sup>1</sup>: Regular unleaded gasoline as of the first day of the month.  
NA: Not Available

SOURCE: Oil Price Information Service, Rockville, MD.

## 6.2.5

### HIGHWAY DISTANCES, MAUI COUNTY

Route	Statute Miles	Route	Statute Mile
<b>Maui</b>		<b>Moloka'i</b>	
Wailuku-Kahului	2.3	Kaunakakai-Sheraton Hotel	19.5
Wailuku-Kahului Airport	4.2	Kaunakakai-Maunaloa	16.5
Wailuku-Hāna, via Ke'anae	53.2	Kaunakakai-Airport	8.0
Wailuku-Hāna, via Kaupō	59.8	Kaunakakai-Hālawa	27.6
Wailuku-Haleakalā summit	38.2	Airport-Sheraton Hotel	11.5
Wailuku-Mākena	17.9		
Wailuku-Lahaina, via Kahakuloa	38.0	<b>Lāna'i</b>	
Wailuku-Lahaina, via Olowalu	20.9	Lāna'i City-Lanai Airport	3.1
Kahului-Kihei	8.2	Lāna'i City-Hulopo'e	7.5
Lahaina-Wailea	32.4		
Lahaina-Nāpili	8.9		
Lahaina-Kā'anapali	3.7		

SOURCE: Hawai'i State Department of Transportation, Highways Division, records.

## 6.2.6

### HAWAII DRIVERS LICENSES IN FORCE AND VEHICLE REGISTRATION, BY TYPE OF VEHICLE, MAUI COUNTY

*Taxable and non-taxable; includes vehicles registered but subsequently scrapped or shipped out of state*

	2001	2002	2003	2004	2005	2006	2007
<b>Drivers Licenses in Force (as of December 31)</b>	<b>93,595</b>	<b>97,045</b>	<b>99,716</b>	<b>100,916</b>	<b>102,050</b>	<b>103,402</b>	<b>105,635</b>
<b>All Vehicles</b>	<b>139,546</b>	<b>141,511</b>	<b>148,716</b>	<b>156,880</b>	<b>164,386</b>	<b>163,696</b>	<b>164,537</b>
<b>Motor Vehicles</b>	<b>136,473</b>	<b>138,058</b>	<b>144,985</b>	<b>152,904</b>	<b>160,277</b>	<b>159,341</b>	<b>160,076</b>
Passenger vehicles <sup>1</sup>	105,879	106,384	112,205	118,915	125,169	122,990	122,823
Ambulances	12	12	14	12	11	12	14
Buses	308	291	288	268	272	246	206
Trucks <sup>1</sup>	27,868	28,696	29,516	30,569	31,495	32,493	33,217
Truck tractors	99	99	88	88	86	94	95
Truck cranes	62	62	61	60	56	76	84
Motorcycles <sup>2</sup>	2,245	2,514	2,810	2,992	3,188	3,430	3,637
Trailers and Semi-trailers	3,073	3,453	3,731	3,976	4,109	4,355	4,461

<sup>1</sup> Vans and other trucks under 6,500 lb. in personal use, legally classified as passenger vehicles, are included in the totals for trucks.

<sup>2</sup> Including motor scooters but excluding mopeds (1.5 HP or less), legally classified as bicycles.

SOURCE: Hawai'i State Department of Transportation, Motor Vehicle Safety Office, records.

## 6.2.7

### HIGHWAY BRIDGES, BY ISLAND, DECEMBER 31, 2003

Island	Number of Bridges <sup>1</sup>	Longest Bridge		Highest Bridge	
		Location	Length (feet)	Location	Height (feet)
State	752	Airport Viaduct	14,890	Nanue	208
Hawai'i	135	Hakalau	775	Nanue	208
Maui	98	Honokahua	600	Uaoa	79
Lāna'i	-	None	-	None	-
Moloka'i	19	Manawainui	360	Manawainui	50
O'ahu	445	Airport Viaduct	14,890	Kīpapa	156
Kaua'i	55	Hanamā'ulu	1,150	Wahiawā, Koloa	90

<sup>1</sup> Limited to bridges under State jurisdiction and longer than 20 feet

SOURCE: Hawai'i State Department of Transportation, Highways Division, records.

## 6.2.8

### LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED BY ISLAND, DECEMBER 31, 2006

Island	Total mileage	Paved		Unpaved
		Freeways	Other	
State total	4,342.06	88.53	4,081.12	172.41
Hawai'i	1,474.19	-	1,414.89	59.30
Maui	635.21	-	578.51	56.70
Lāna'i	47.48	-	33.48	14.00
Moloka'i	135.77	-	123.77	12.00
O'ahu	1,632.43	88.53	1,535.98	7.92
Kaua'i	416.98	-	394.49	22.49
Nī'ihau	-	-	-	-

SOURCE: Hawai'i State Department of Transportation, Highways Division, records.

## 6.2.9

## MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES

Year	HIGHWAY FUEL CONSUMPTION <sup>1</sup>		VEHICLE MILES OF TRAVEL	
	Total (1,000 gallons)	Gallons per Vehicle <sup>2</sup>	Total (millions)	Per Vehicle <sup>2</sup>
<b>State of Hawai'i</b>				
1993	409,940	468	7,945.3	9,063
1994	428,558	490	7,925.2	9,056
1995	422,884	482	7,944.1	9,051
1996	426,370	482	8,005.9	9,050
1997	421,499	477	8,003.0	9,050
1998	422,928	473	8,090.2	9,055
1999	417,374	460	8,215.2	9,058
2000	428,425	455	8,525.7	9,058
2001	455,558	461	8,754.3	9,052
2002	477,518	484	8,937.3	9,050
2003	483,232	469	9,325.0	9,046
2004	498,816	463	9,734.6	9,042
2005	505,418	459	10,129.1	9,191
2006	531,505	478	10,226.3	9,206
<b>Maui County</b>				
1993	50,715	460	988.5	8,971
1994	53,933	487	993.9	8,973
1995	53,634	477	1,010.1	8,977
1996	55,346	473	1,049.5	8,968
1997	53,771	461	1,046.0	8,963
1998	56,241	467	1,079.7	8,959
1999	59,560	477	1,119.5	8,958
2000	60,598	459	1,182.6	8,955
2001	61,922	456	1,216.9	8,956
2002	65,142	474	1,231.9	8,958
2003	77,140	534	1,292.5	8,952
2004	68,646	452	1,357.7	8,941
2005	69,270	531	1,426.0	10,932
2006	72,311	537	1,439.5	10,694

<sup>1</sup> Includes gasoline, diesel oil, and butane gas. Gasohol was no longer used in motor vehicles after June 1982.

<sup>2</sup> Based on motor vehicle total by county of inspection, includes both taxable and nontaxable vehicles, and all military nonresident exempt vehicles. Data include passenger cars, buses, trucks and motorcycles but exclude trailers and semi-trailers.

SOURCE: Hawai'i State Department of Transportation, Highways Division, Planning Branch, records.

## 6.2.10

### VEHICLE REGISTRATION, BY TAXATION STATUS, FOR COUNTIES 2007

Taxation Status	State Total	City and County of Honolulu	County of Hawai'i	County of Kaua'i	County of Maui
<b>Total registered</b>	<b>1,107,564</b>	<b>704,611</b>	<b>172,621</b>	<b>73,893</b>	<b>156,439</b>
Taxable vehicles	1,034,849	635,659	171,108	73,120	154,962
Exempt vehicles	72,715	68,952	1,513	773	1,477
Federal government	406	396	8	-	2
State government	5,741	5,736	3	-	2
County government	6,885	4,271	889	522	1,203
Fire department	268	68	121	42	37
Police department	1,666	1,305	356	1	4
Consulates	58	57	1	-	-
Disabled veterans	87	48	8	27	4
Military non-resident	57,178	56,874	60	169	75
Farm	210	45	40	3	122
Horseless carriage	53	46	6	1	-
Electric vehicles	163	106	21	8	28

Note: Includes vehicles registered by subsequently scrapped or shipped out of State. Excludes trailers, semi-trailers and motorcycles.

SOURCE: Hawai'i State Department of Transportation, Motor Vehicle Safety Office, records.

## 6.2.11

### DRIVERS INVOLVED IN FATAL CRASHES AND BLOOD ALCOHOL CONCENTRATION (BAC) OF THE DRIVER: 2005

County	All drivers	No alcohol BAC = 0.00		Any alcohol BAC = 0.01 +		BAC = 0.01 - 0.07		BAC = 0.08 +	
		Number	%	Number	%	Number	%	Number	%
Hawai'i	50	30	61	20	39	2	5	17	34
Honolulu	107	73	68	34	32	5	5	29	27
Kaua'i	18	12	64	7	36	1	7	5	29
Maui	28	16	59	12	41	5	18	7	23
<b>State total</b>	<b>203</b>	<b>131</b>	<b>65</b>	<b>72</b>	<b>35</b>	<b>14</b>	<b>7</b>	<b>58</b>	<b>28</b>

SOURCE: U.S. Department of Transportation, National Highway Traffic Safety Administration (NHTSA), National Center for Statistics & Analysis (NCSA), Fatality Analysis Reporting System.

## 6.2.12

## TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, BY COUNTY

County	2002	2003	2004	2005	2006
<b>Major Traffic Accidents<sup>1</sup></b>					
Honolulu	6,761	7,025	6,935	6,824	6,371
Hawai'i	2,256	22,180	2,517	2,168r	1,586
Kaua'i	637	7678	730	649	553
Maui	1,009	1,145	825	950r	924
<b>Fatal Accidents</b>					
Honolulu	67	65	65	73	81
Hawai'i	27	32	33	32	34
Kaua'i	5	5	9	9	10
Maui	17	15	21	15	19
<b>Persons Injured</b>					
Honolulu	5,426	5,460	5,347	5,294r	4,909
Hawai'i	1,844	1,661	1,950	1,790r	1,357
Kaua'i	524	558	509	397r	442
Maui	1,156	1,249	1,021	1,067r	1,040
<b>Persons Killed</b>					
Honolulu	67	79	70	76	90
Hawai'i	28	30	41	39	34
Kaua'i	5	5	10	10	14
Maui	20	16	21	15	19

NA Not available.

r: Revised from previous Data Book.

<sup>1</sup> Through 1990, includes traffic accidents with damage of \$300 or more or causing injury or death.

Effective 1991, includes only accidents with damage of \$1,000 or more or causing injury or death.

Effective June 20, 1995, includes only accidents with damage of \$3,000 or more or causing injury or death.

SOURCE: Hawai'i State Department of Transportation, Highways Division, Traffic Safety Section, records.

6.2.13

**ESTIMATED SCHEDULED AIRLINE SEAT  
CAPACITY FOR ARRIVING FLIGHTS**

*(Non-stop flights only, does not include charter flights)*

<b>Airport</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>State of Hawai'i</b>	10,023,606	10,360,886	10,198,556
Honolulu International	7,229,731	7,285,179	7,329,370
Kahului	1,852,814	1,954,782	1,875,590
Kona International	604,930	661,932	576,334
Hilo International	(NA)	42,175	49,875
Lihu'e	336,131	416,818	367,387
<b>Domestic</b>	7,172,245	7,566,024	7,407,930
<b>International</b>	2,851,361	2,794,862	2,790,626

SOURCE: Official Airline Guide, *FlightDisk Worldwide Edition*. Calculations by the Hawaii State Department of Business, Economic Development & Tourism, Tourism Research Branch

## 6.2.14

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT, MAJOR STATE-OWNED AIRPORTS

2007	Kahului	Honolulu International	Kona International (Keāhole)	Līhu'e	Hilo International	Moloka'i
All Movements	148,034	310,607	144,537	116,461	96,011	37,615
Air Carrier	52,172	182,185	32,359	25,652	16,393	-
Air Taxi	72,935	65,744	19,635	55,705	52,935	26,821
General Aviation	20,237	49,207	75,767	30,342	19,378	9,407
Military	2,690	13,471	16,776	4,762	7,305	1,387

SOURCE: Hawai'i State Department of Transportation, Airports Division, Airport Activity Statistics, Calendar Year 2007.

## 6.2.15

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT, KAHULUI AND MOLOKAI AIRPORTS

	2000	2001	2002	2003	2004	2005	2006	2007
<b>Kahului Airport</b>								
All Movements	174,855	160,324	157,868	151,558	160,552	168,449	164,992	148,034
Air Carrier	63,799	55,937	51,275	47,295	50,729	59,210	67,676	52,172
Air Taxi	77,779	69,635	77,357	76,261	80,563	77,844	70,272	72,938
General Aviation	29,983	31,816	25,218	24,169	25,543	27,326	24,468	20,237
Military	3,294	2,936	4,018	3,833	3,717	4,069	2,576	2,690
<b>Molokai Airport</b>								
All Movements	44,691	43,806	43,065	40,944	36,757	39,364	39,685	37,615
Air Carrier	1,484	1,138	964	656	424	0	181	0
Air Taxi	27,385	26,890	27,213	27,116	24,321	26,349	27,488	26,821
General Aviation	11,869	12,532	11,931	11,450	10,702	10,977	10,137	9,407
Military	3,953	3,246	2,957	1,722	1,310	2,038	1,879	1,387

Note: Definitions. Aircraft operations: Total aircraft movements, landings and takeoffs, combined. Reported by the United States Federal Aviation Administration's air traffic control towers. Air carrier: Large commercial aircraft having more than 60 seats. Air taxi: Small commercial aircraft having 60 seats or less. General aviation: All types of civil aviation including private jets, corporate jets, and helicopters. General aviation excludes commercial and military aircraft operations. Military: All military aircraft, including military helicopters.

SOURCE: Hawai'i State Department of Transportation, Airports Division, Airport Activity Statistics, Calendar Year 2007.

## 6.2.16

## PASSENGERS, CARGO AND MAIL, OVERSEAS AND INTERISLAND, MAUI COUNTY AIRPORTS

Airport	2004		2005		2006		2007	
	En-planned	De-planned	En-planned	De-planned	En-planned	De-planned	En-planned	De-planned
<b>Passengers</b>								
OGG								
interisl.	1,360,401	1,359,462	1,388,108	1,372,828	1,490,963	1,468,422	1,644,999	1,636,703
OGG								
overseas	1,399,326	1,385,655	1,561,924	1,570,159	1,350,369	1,381,122	1,597,194	1,635,918
MKK	95,113	96,924	97,199	99,643	108,257	110,938	114,999	119,400
LNy	49,310	49,329	49,328	49,794	53,945	54,393	63,803	63,843
JHM	50,053	52,528	53,842	56,836	61,032	64,004	51,177	53,883
HNM	3,553	3,342	4,117	3,485	4,307	4,341	2,619	2,652
LUP	5,736	5,028	6,697	9,139	6,249	5,760	3,695	4,088
<b>Cargo (U.S. Tons)</b>								
OGG								
interisl.	5,833	16,688	4,653	14,702	4,543	13,412	4,267	13,412
OGG								
overseas	7,138	7,718	8,003	6,672	4,924	7,682	5,157	9,531
MKK	380	758	333	798	333	785	329	804
LNy	50	741	117	826	74	735	84	771
JHM	213	367	269	612	259	654	253	617
HNM	12	40	8	31	7	15	6	4
LUP	14	218	11	202	14	169	12	146
<b>Mail (U.S. Tons)</b>								
OGG								
interisl.	1,459	8,489	1,513	8,748	860	7,733	875	7,172
OGG								
overseas	710	69	706	6	1,111	4,036	678	4,544
MKK	54	14	85	0	60	216	85	270
LNy	203	87	294	108	81	128	19	134
JHM	0	0	0	0	-	2	30	82
HNM	0	0	169	0	-	-	-	-
LUP	5	11	6	20	7	20	5	15

Notes: Interisland traffic is intrastate only; overseas includes both international and U.S. mainland flights. Kahului is the only Maui County airport offering overseas flights.

Airport Key:

OGG	Kahului	JHM	Kapalua
MKK	Moloka'i	HNM	Hāna
LNy	Lāna'i	LUP	Kalaupapa

SOURCE: Hawai'i State Department of Transportation, Airports Division, Airport Activity Statistics, Calendar Year 2007.

6.2.17

**PRIVATE PASSENGER AIRCRAFT AND CORPORATE JET LANDINGS,  
KAHULUI AIRPORT FY 06-07**

MLW (pounds)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
other	1	0	0	0	0	1	0	1	2	0	0	0	5
<10,000	0	0	0	0	0	0	0	0	1	0	0	0	1
10,000 - 20,000	0	1	1	0	0	2	1	3	6	17	2	0	33
20,000 - 30,000	1	1	0	1	1	0	2	2	2	1	0	1	12
30,000 - 40,000	21	31	13	13	30	48	50	33	48	44	22	16	369
40,000 - 50,000	14	10	3	6	3	15	14	10	14	12	6	4	111
50,000 - 75,000	20	28	16	11	17	44	28	14	28	31	12	19	268
75,000 - 100,000	22	18	10	7	10	17	14	11	16	13	6	10	154
>100,000	2	4	0	2	3	2	0	0	5	0	0	2	20
<b>Total</b>	<b>81</b>	<b>93</b>	<b>43</b>	<b>40</b>	<b>64</b>	<b>129</b>	<b>109</b>	<b>74</b>	<b>122</b>	<b>118</b>	<b>48</b>	<b>52</b>	<b>973</b>

MLW: Maximum Landing Weight

Aircraft Types by MLW

< 10,000: Britten-Norman.

10,000 - 20,000: DHC-6, Dehavilland DHC-6, Lear 35 & 36, WestWind II, LearJet 60.

20,000 - 30,000: WestWind Astra, IAI 1125 Astra SPX, Hawker 800, IAI Galaxy, IAI 1126 Galaxy, others.

30,000 - 40,000: IAI 1126 Galaxy G-2000, G200, Cessna 750 CIT X, Falcon 2000, Falcon 50, Challenger 600 & 601 & 604, others.

40,000 - 50,000: Embraer ERJ135, Falcon 900 & 900EX, Falcon 50EX,

50,000 - 75,000: Gulfstream III & IV-SP.

75,000 - 100,000: Gulfstream V, BD-700 Global EX, Bombardier BD-700, others.

>100,000: B737-700, B737, Boeing Business, B727-100, B727, B727-200.

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

## 6.2.18

### VESSEL ARRIVALS FOR KAHULUI HARBOR

*Excludes domestic fishing craft*

	1999	2000	2001	2002	2003	2004	2005	2006
<b>Total Inbound Vessels</b>	<b>1,442</b>	<b>1,453</b>	<b>1,595</b>	<b>1,548</b>	<b>1,499</b>	<b>1,417</b>	<b>1,390</b>	<b>1,426</b>
<b>By Type of Vessel</b>								
Self propelled vessels								
Passenger and dry cargo	55	54	69	59	75	120	137	203
Tanker	2	0	2	2	6	2	0	3
Towboat or tugboat	614	665	375	718	695	816	682	655
Non-self propelled vessels								
Dry cargo	656	624	744	663	593	400	458	461
Tanker	115	110	105	106	130	79	113	104
<b>By Draft</b>								
18 feet and less	1,160	1,198	1,305	1,279	1,289	1,292	1,255	1,143
19 feet and more	282	255	220	203	131	125	135	283

SOURCE: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Part 4, Waterways and Harbors, Pacific Coast, Alaska and Hawaii*, calendar years 1999-2006.

## 6.2.19

### FREIGHT TRAFFIC FOR KAHULUI HARBOR

	Freight Traffic (In thousand short tons)
1991	2,434
1992	2,357
1993	2,216
1994	2,368
1995	2,586
1996	2,828
1997	2,895
1998	2,851
1999	3,513
2000	3,477
2001	3,695
2002	3,458
2003	3,778
2004	3,901
2005	4,132
2006	4,794

SOURCE: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Part 4, Waterways and Harbors, Pacific Coast, Alaska and Hawaii*, calendar years 1991-2006.

## 6.2.20

## KAHULUI HARBOR FREIGHT TRAFFIC BY COMMODITY

*In thousands of tons*

2006 Commodity	Grand Total	Foreign Inbound	Coastwise Receipts	Coastwise Shipments
<b>Total, All Commodities</b>	<b>4,794</b>	<b>72</b>	<b>2,862</b>	<b>1,859</b>
<b>Total Coal</b>	<b>45</b>	<b>45</b>	---	---
1100 Coal & lignite	45	45	---	---
<b>Total Petroleum and Petroleum Products</b>	<b>538</b>	<b>5</b>	<b>533</b>	---
2211 Gasoline	234	---	234	---
2330 Distillate fuel oil	210	---	210	---
2340 Residual fuel oil	73	---	73	---
2350 Lube oil & greases	1	---	1	---
2429 Naphtha & solvents	4	---	4	---
2640 hHydrocarbon & petrol gases, liquefied and gaseous	15	5	10	---
2990 Petro. products nec	0	---	0	---
<b>Total Chemicals and Related Products</b>	<b>29</b>	---	<b>28</b>	<b>0</b>
3190 Fert. & mixes nec	25	---	25	0
3220 Alcohols	2	---	2	---
3282 Pigments & paints	0	---	0	0
3285 Perfumes & cleansers	0	---	0	0
3291 Pesticides	0	---	0	---
3299 Chem. products nec	1	---	1	---
<b>Total Crude Materials, Inedible Except Fuels</b>	<b>94</b>	<b>14</b>	<b>52</b>	<b>29</b>
4189 Lumber	60	---	51	9
4190 Forest products nec	0	---	0	---
4225 Pulp & waste paper	0	---	---	0
4331 Sand & gravel	14	14	---	---
4338 Soil & fill dirt	0	---	0	---
4420 Iron & steel scrap	20	---	---	20
<b>Total Primary Manufactured Goods</b>	<b>2,969</b>	<b>3</b>	<b>1,563</b>	<b>1,402</b>
5190 Paper products nec	7	---	6	1
5220 Cement & concrete	88	---	88	---
5240 Glass & glass prod.	0	---	0	0
5290 Misc. mineral prod.	12	---	12	---
5360 I&S bars & shapes	2	---	2	---
5370 I&S pipe & tube	4	---	4	0
5429 Smelted prod. nec	3	3	---	---
5480 Fab. metal products	2,852	0	1,451	1,401

## 6.2.20

CONTINUED

2006 Commodity	Grand Total	Foreign Inbound	Coastwise Receipts	Coastwise Shipments
<b>Total Food and Farm Products</b>	<b>444</b>	<b>--</b>	<b>226</b>	<b>218</b>
6442 Rice	2	---	2	---
6654 Vegetables & prod.	33	---	12	21
6747 Grain mill products	1	---	1	0
6781 Hay & fodder	1	---	1	---
6782 Animal feed, prep.	5	---	5	---
6811 Meat, fresh, frozen	5	---	5	0
6839 Animals & prod. nec	10	---	3	8
6857 Fruit & nuts nec	6	---	---	6
6858 Fruit juices	35	---	---	35
6861 Sugar	82	---	---	82
6865 Molasses	43	---	---	43
6871 Coffee	0	---	0	---
6885 Alcoholic beverages	22	---	22	0
6889 Food products nec	197	---	173	24
6899 Farm products nec	4	---	4	---
<b>Total All Manufactured Equipment, Machinery and Products</b>	<b>671</b>	<b>2</b>	<b>460</b>	<b>209</b>
7110 Machinery (not elec)	7	0	5	2
7120 Electrical machinery	3	2	1	1
7210 Vehicles & parts	282	---	184	98
7220 Aircraft & parts	0	---	---	0
7230 Ships & boats	0	---	0	0
7300 Ordnance & access.	0	---	0	---
7400 Manufac. wood prod.	43	---	36	7
7500 Textile products	0	---	0	---
7600 Rubber & plastic pr.	1	---	0	1
7900 Manufac. prod. nec	334	---	234	100
<b>Total Waste and Scrap nec</b>		<b>1</b>	<b>--</b>	<b>--1</b>
8900 Waste and scrap nec	1	---	---	1
<b>Total Unknown or Not Elsewhere Classified</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>
9900 Unknown or nec	3	3	0	0

Notes: Totals may not add due to rounding. Tonnage figures are rounded. A zero represents less than 500 tons but more than zero. Blanks mean zero tons. Commodity codes are standardized to reflect the Standard Industrial Trade Classification (SITC) Revision 3 commodity codes. Coastwise: Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, (e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawai'i, Alaska to Hawai'i). Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed Coastwise. Receipts: traffic moving from one location to another where the destination is the subject port. Shipments: traffic moving from one location to another where the origin is the subject port.

NEC: not elsewhere classified.

I&S: iron and steel.

SOURCE: U.S. Department of the Army, Corps of Engineers, *Waterborne Commerce of the United States, Part 4, Waterways and Harbors, Pacific Coast, Alaska and Hawai'i*, calendar year 2006.

## 6.2.21

## KAHULUI HARBOR, PIER UTILIZATION FY 2005-06

Vessell Type	Number of Unique Vessels	Number of Visits	Total Vessel Hours in Port	Avg. Hours Per Visit
<b>Pier One</b>				
Cruise/Passenger Ship	6	111	3,762	33.89
Fuel	5	44	666	15.14
Tug	12	233	2,753	11.82
Roll On Roll Off	4	108	877	8.12
Other Cargo	8	8	237	29.63
Bulk	6	36	804	22.33
Container	1	85	1,096	12.89
Government	0	0	0	0.00
<b>Pier Two</b>				
Cruise/Passenger Ship	0	0	0	0.00
Fuel	5	24	239	9.96
Tug	17	389	12,241	31.47
Roll On Roll Off	0	0	0	0.00
Other Cargo	0	0	0	0.00
Bulk	2	50	381	7.62
Container	10	257	2,996	11.66
Government	8	11	335	30.45
<b>Pier Three</b>				
Cruise/Passenger Ship	0	0	0	0.00
Fuel	6	110	1,545	14.05
Tug	20	195	2,532	12.98
Roll On Roll Off	1	3	38	12.67
Other Cargo	0	0	0	0.00
Bulk	2	73	993	13.60
Container	3	11	711	64.64
Government	1	1	2	2.00

## Notes:

1. Three Home Ported Tugs included in above figures account for:

38 Visits  
14,763 Hours in Port  
388.5 Avg. Hours per visit

2. Pilot Boat not included in above figures

12 Visits  
8,697 Hours in Port  
724.8 Average Hours pr visit

SOURCE: State of Hawai'i, Department of Transportation, Harbors Division, Maui District, records.