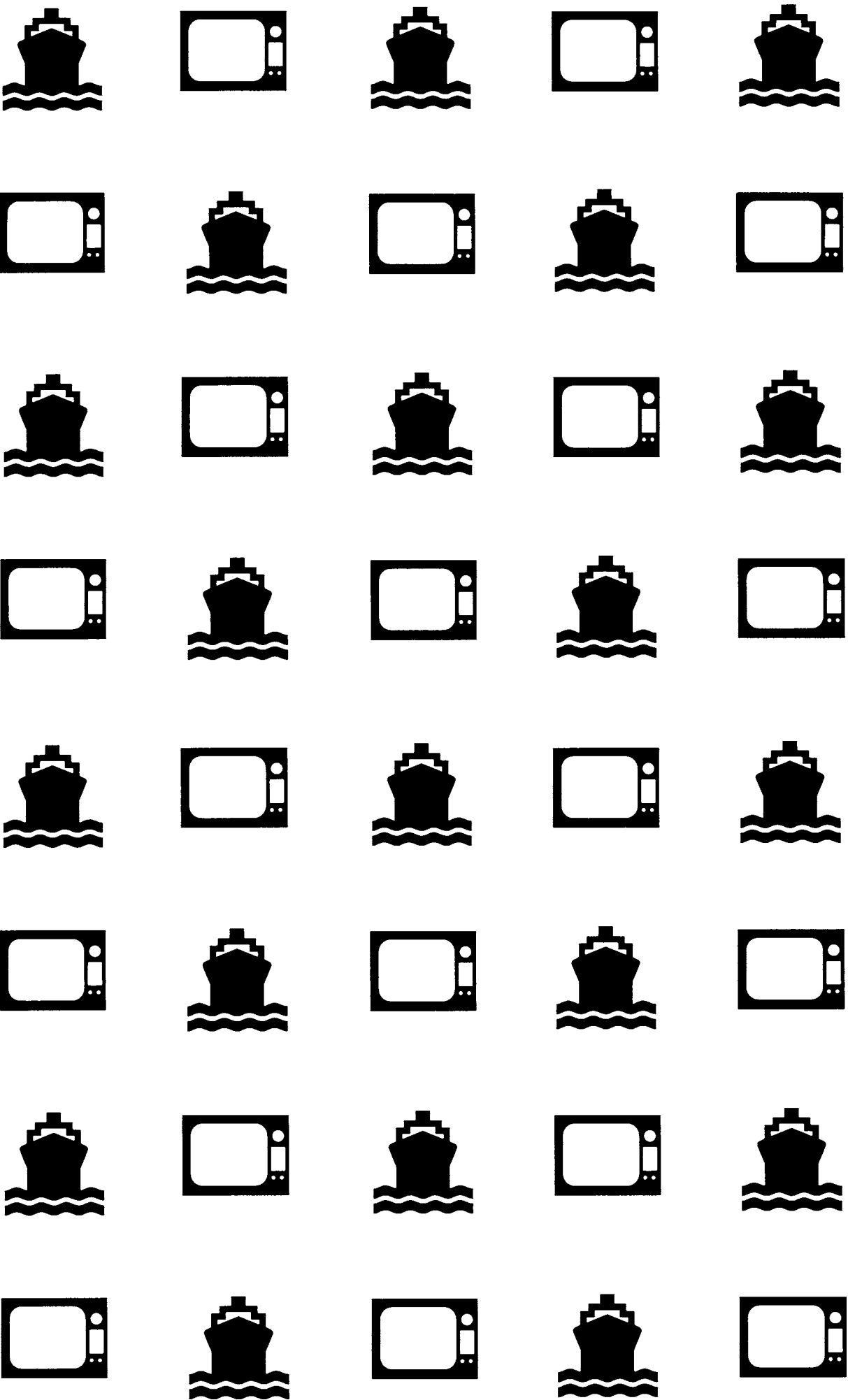


# Communication & Transportation



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## 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 3,900,000 tons passing through Kahului Harbor, water transport remains the primary way goods reach Maui.

The transportation statistics are mostly taken from the Hawaii State Department of Transportation.

### 6.1.1

## AVERAGE PAID CIRCULATION OF THE MAUI NEWS

For 12 month period ending March 31

Year	Monday-Thursday	Friday	Saturday	Sunday
1993	18,334	21,504		21,827
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		21,668 <sup>1</sup>		26,547

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.

SOURCE: Audit Bureau of Circulations, Maui News Audit Report, 1990-1998 and Maui News records 2006.

### 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
Haleakala Times	14,100	bi-weekly
Lahaina News	12,000	weekly
The Maui Time Weekly	18,000	weekly
Maui Weekly	26,000	weekly
<b>Paid Circulation</b>		
The Lanai Times	3,000	monthly
The Molokai Advertiser News	3,000	weekly
The Molokai Dispatch	6,000	weekly
Honolulu Advertiser	5,617	daily
Honolulu Star Bulletin	1,140	daily

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

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

SOURCE: *South Maui Times*, *Lahaina News*, *The Molokai Advertiser-News*, *The Lana'i Times*, *Haleakala Times*, *Fil-Am LIGHT News* and *Filipino Summit*, staff.

### 6.1.3

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

	Maui	Hawaii	Honolulu	Kauai	State Total
<b>Number of Companies<sup>1</sup></b>					
Dec. 31, 2000	3	3	1	2	2
Dec. 31, 2001	3	3	1	2	2
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
<b>Subscribers<sup>2</sup></b>					
Dec. 31, 2000	47,695	34,974	262,681	18,451	363,801
Dec. 31, 2001	48,422	36,436	264,871	18,675	368,424
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
<b>Basic Service Revenue (\$1,000)</b>					
2000	14,409	13,717	78,158	6,547	112,831
2001	15,761	14,482	85,830	7,010	123,083
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

<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: Hawaii 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	45	8
TV <sup>2</sup>	25	5
<b>Non-commercial Stations</b>		
AM	—	—
FM	10	1
TV <sup>2</sup>	2	1

<sup>1</sup> Excludes one commercial AM station with studio on Oahu but transmitter on Molokai.

<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*

	1998	1999	2000	2001	2002	2003	2004	2005
<b>Total</b>	<b>111,316</b>	<b>125,852</b>	<b>127,738</b>	<b>107,449</b>	<b>145,548</b>	<b>128,416</b>	<b>145,322</b>	<b>136,979</b>
Gasoline	52,855	54,543	57,861	56,585	59,380	73,689	62,593	61,998
Diesel Oil, Non-highway	26,735	31,191	28,289	25,580	36,566	5,044 <sup>1</sup>	16,255	8,470
Diesel Oil, Highway Use	3,987	4,564	4,097	4,151	4,839	4,307	5,976	5,392
Liquid Petroleum Gas, Off Highway	560	602	634	590	167	137	394	2
Liquid Petroleum Gas, Highway Use	22	20	14	16	19	17	15	21
Other Fuel						115	328	693
Aviation Fuel	27,157	34,931	36,842	20,525	44,561	45,109	59,962	60,403

<sup>1</sup> Current Estimate

SOURCE: Hawaii State Department of Taxation, *Liquid Fuel Tax Base and Tax Collections, Calendar Year Ending December 31, 2005* (annual release), and records.

## 6.2.2

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

Place Name	Population	Resident Working In	Workers Living In	Daytime Population	Percent Change	Percent of Workers Living In
Haiku-Pauwela	6,578	1,139	3,071	4,646	-29.4	21.2
Kaanapali	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
Napili-Honokowai	6,788	890	3,941	3,737	-44.9	11.8
Pukalani	7,380	1,119	3,812	4,687	-36.5	12.7
Waihee-Waiehu	7,310	238	3,392	4,156	-43.1	3.3
Wailea-Makena	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 2005

Town	Major <sup>1</sup>	Minor <sup>2</sup>	Civil <sup>3</sup>	Non Traffic
Haiku	44	86	13	3
Haliimaile	23	22	1	2
Hana	20	40	8	0
Kaanapali	19	49	93	2
Kahana/Napili	11	42	59	3
Kahului	277	585	305	15
Kapalua	7	17	32	1
Kihei	187	317	209	5
Kula	49	57	12	0
Lahaina	83	168	97	5
Lanai	5	17	4	0
Makawao	17	62	25	3
Molokai	25	51	27	1
Paia	29	52	23	0
Pukalani	14	32	17	0
Wailuku	107	275	136	11
Unknown	337	517	203	12
<b>TOTAL</b>	<b>1,254</b>	<b>2,389</b>	<b>1,264</b>	<b>63</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	12/05	01/06	02/06	03/06	04/06	05/06	06/06	07/06	08/06	09/06	10/06	11/06
<b>Regular unleaded gasoline</b>												
<b>Maui County Average</b>	<b>2.898</b>	<b>3.056</b>	<b>3.035</b>	<b>3.040</b>	<b>3.413</b>	<b>3.672</b>	<b>3.634</b>	<b>3.628</b>	<b>3.627</b>	<b>3.512</b>	<b>3.269</b>	<b>3.121</b>
Kahului	2.890	3.041	3.020	3.039	3.388	3.631	3.596	3.590	3.600	3.469	3.241	3.108
Kaunakakai	3.073	3.229	3.262	3.252	3.655	3.918	3.929	3.921	3.915	3.884	3.608	3.469
Kihei	2.870	3.028	3.022	3.016	3.378	3.660	3.619	3.608	3.609	3.499	3.254	3.127
Kula	NA	3.049	NA	2.939	3.457	3.686	3.608	3.588	3.584	3.475	3.319	3.129
Lahaina	2.877	3.029	3.008	3.004	3.395	3.663	3.622	3.587	3.567	3.473	3.259	3.121
Makawao	2.907	3.097	3.053	3.067	3.429	3.698	3.642	3.628	3.632	3.518	3.286	3.141
Paia	2.895	3.094	3.074	2.984	3.421	3.667	3.626	3.631	3.630	3.516	3.275	3.134
Wailuku	2.893	3.053	3.023	3.037	3.412	3.669	3.635	3.635	3.639	3.512	3.275	3.131
<b>Diesel</b>												
<b>Maui County Average</b>	<b>3.522</b>	<b>3.492</b>	<b>3.460</b>	<b>3.483</b>	<b>3.533</b>	<b>3.617</b>	<b>3.647</b>	<b>3.669</b>	<b>3.686</b>	<b>3.727</b>	<b>3.743</b>	<b>3.707</b>
Kahului	3.489	3.496	3.404	3.439	3.457	3.501	3.522	3.529	3.502	3.566	3.624	3.600
Kaunakakai	3.643	3.599	3.599	3.591	3.643	3.763	3.799	3.799	3.799	3.799	3.770	3.750
Kihei	3.550	3.549	3.549	3.552	3.658	3.793	3.844	3.849	3.849	3.849	3.849	3.849
Lahaina	3.479	3.297	3.299	3.300	3.343	3.472	3.592	3.651	3.677	3.702	3.703	3.701
Wailuku	3.542	3.523	3.562	3.611	3.652	3.709	3.705	3.666	3.670	3.672	3.712	3.646

<sup>1</sup> Regular unleaded gasoline and diesel fuel as of the first day of the month.

Note: State General Excise Tax of 4% on gross sales suspended for the period of April 1, 2006 to January 1, 2007.

NA: Not Available

SOURCE: Oil Price Information Service, Rockville, MD.

## 6.2.5

### HIGHWAY DISTANCES, MAUI COUNTY

Route	Statute Miles	Route	Statute Miles
<b>Maui</b>		<b>Molokai</b>	
Wailuku-Kahului	2.3	Kaunakakai-Sheraton Hotel	19.5
Wailuku-Kahului Airport	4.2	Kaunakakai-Maunaloa	16.5
Wailuku-Hana, via Keanae	53.2	Kaunakakai-Airport	8.0
Wailuku-Hana, via Kaupo	59.8	Kaunakakai-Halawa	27.6
Wailuku-Haleakala summit	38.2	Airport-Sheraton Hotel	11.5
Wailuku-Makena	17.9	<b>Lanai</b>	
Wailuku-Lahaina, via Kahakuloa	38.0	Lanai City-Lanai Airport	3.1
Wailuku-Lahaina, via Olowalu	20.9	Lanai City-Hulopoe	7.5
Kahului-Kihei	8.2		
Lahaina-Wailea	32.4		
Lahaina-Napili	8.9		
Lahaina-Kaanapali	3.7		

SOURCE: Hawaii 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*

	1998	1999	2000	2001	2002	2003	2004	2005
Drivers Licenses in Force (as of December 31)	84,980	87,550	90,964	93,595	97,045	99,716	100,916	102,050
All Vehicles	123,596	128,204	135,554	139,546	141,511	148,716	156,880	164,386
Motor Vehicles	120,818	125,404	132,636	136,473	138,058	144,985	152,904	160,277
Passenger vehicles <sup>1</sup>	93,912	97,565	103,329	105,879	106,384	112,205	118,915	125,169
Ambulance	11	13	13	12	12	14	12	11
Buses	328	342	324	308	291	288	268	272
Trucks <sup>1</sup>	24,474	25,268	26,690	27,868	28,696	29,516	30,569	31,495
Truck tractors	104	96	98	99	99	88	88	86
Truck cranes	74	72	68	62	62	61	60	56
Motorcycles <sup>2</sup>	1,915	2,048	2,114	2,245	2,514	2,810	2,992	3,188
Trailers and semi-trailers	2,778	2,800	2,918	3,073	3,453	3,731	3,976	4,109

<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: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

6.2.7

**HIGHWAY BRIDGES, BY ISLAND,  
DECEMBER 31, 2005**

Island	Number of Bridges <sup>1</sup>	<u>Longest Bridge</u>		<u>Highest Bridge</u>	
		Location	Length (feet)	Location	Height (feet)
State	752	Airport Viaduct	14,890	Nanue	208
Hawaii	135	Hakalau	775	Nanue	208
Maui	98	Honokahua	600	Uaoa	79
Lanai	-	None	-	None	-
Molokai	19	Manawainui	360	Manawainui	50
Oahu	445	Airport Viaduct	14,890	Kipapa	156
Kauai	55	Hanamaulu	1,150	Wahiawa, Koloa	90

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

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

6.2.8

**LENGTH OF STREETS AND HIGHWAYS, PAVED AND  
UNPAVED BY ISLAND, DECEMBER 31, 2005**

Excludes private roads and military roads not regularly open to public use

Island	Total mileage	<u>Paved</u>		<u>Unpaved</u>
		Freeways	Other	
State total	4,333.21	88.53	4,071.27	172.41
Hawaii	1,471.84	-	1,412.54	59.30
Maui	634.00	-	577.30	56.70
Lanai	47.48	-	33.48	14.00
Molokai	132.86	-	120.86	12.00
Oahu	1,628.23	88.53	1,531.78	7.92
Kauai	417.80	-	395.31	22.49
Niihau	-	-	-	-

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

**6.2.9**  
**ROAD, BRIDGE AND DRAINAGE MAINTENANCE,**  
**COUNTY OF MAUI**

MAINTENANCE PROJECTS	FY 2002	FY 2003	FY 2004	FY 2005
<b>County Summary</b>				
Complaints received - road (including potholes) and drainage	399	377	739	529
Average number of days to resolve complaints	3.84	4.12	7.77	4.87
Interdepartmental support (landfill, refuse collection, cesspool pumping), work hours per year	19,646	19,253	11,201	18,295
Other department support (Fire, Parks), work hours per year	3,393	1,991	828	1,927
Pothole patching, tons of cold mix	2,215	3,062	3,153	2,706
Lineal feet of shoulder work	100,000	210,800	181,325	214,703
Acres of grass mowed	1,000	1,386	1,174	1,021
Lineal feet of culverts maintained	3,402	4,880	7,443	4,835
Number of catch basins maintained	380	516	489	439
<b>Wailuku</b>				
Complaints received - road (including potholes) and drainage	282	250	556	410
Average number of days to resolve complaints	3	5	8.97	5
Pothole patching, tons of cold mix	710	1,050	825	793
Lineal feet of shoulder work	4,000	68,800	17,525	67,223
Acres of grass mowed	435	560	350	507
Lineal feet of culverts maintained	1,050	330	970	618
Number of catch basins maintained	70	268	193	162
<b>Makawao</b>				
Complaints received - road (including potholes) and drainage	57	68	105	88
Average number of days to resolve complaints	7.0	3.0	5.0	5.5
Pothole patching, tons of cold mix	500	730	760	627
Lineal feet of shoulder work	74,900	89,750	105,450	93,038
Acres of grass mowed	331	452	337	381
Lineal feet of culverts maintained	172	90	75	152
Number of catch basins maintained	178	50	89	99
<b>Lahaina</b>				
Complaints received - road (including potholes) and drainage	47	41	70	48
Average number of days to resolve complaints	4	2	3.13	2.82
Pothole patching, tons of cold mix	58	49	55	49
Lineal feet of shoulder work	4,100	3,000	3,050	3,513
Acres of grass mowed	54	56	83	67
Lineal feet of culverts maintained	420	500	3,125	1,150
Number of catch basins maintained	60	58	65	61
<b>Hana</b>				
Complaints received - road (including potholes) and drainage	2	0	0	1
Average number of days to resolve complaints	4	0	0	1
Pothole patching, tons of cold mix	900	1,150	1,398	1,162
Lineal feet of shoulder work	4,800	24,000	28,000	28,700
Acres of grass mowed	90	120	130	115
Lineal feet of culverts maintained	750	960	1,056	860
Number of catch basins maintained	22	36	48	35
<b>Molokai</b>				
Complaints received - road (including potholes) and drainage	11	18	8	10
Average number of days to resolve complaints	8	1	1	1
Pothole patching, tons of cold mix	40	70	100	150
Lineal feet of shoulder work	10,000	23,000	24,000	20,000
Acres of grass mowed	80	185	250	270
Lineal feet of culverts maintained	1,000	3,000	2,200	2,000
Number of catch basins maintained	42	85	70	70
<b>Lanai</b>				
Complaints received - road (including potholes) and drainage	0	0	0	0
Average number of days to resolve complaints	0	0	0	0
Pothole patching, tons of cold mix	7	13	15	25
Lineal feet of shoulder work	2,200	2,250	3,300	2,730
Acres of grass mowed	20	13	24	24
Lineal feet of culverts maintained	10	0	17	17
Number of catch basins maintained	8	19	24	24

SOURCE: Office of the Mayor, Budget Office, *County Budgets 2002-2006*.

## 6.2.10

## 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 Hawaii</b>				
1992	405,963	457	8,065.5	9,070
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
<b>Maui County</b>				
1992	48,985	445	988.3	8,971
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

<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: Hawaii State Department of Transportation, Highways Division, Planning Branch, records.

6.2.11

**VEHICLE REGISTRATION, BY TAXATION STATUS,  
FOR COUNTIES 2005**

<b>Taxation Status</b>	<b>State Total</b>	<b>City and County of Honolulu</b>	<b>County of Hawaii</b>	<b>County of Kauai</b>	<b>County of Maui</b>
<b>Total registered</b>	<b>1,094,964</b>	<b>697,954</b>	<b>165,850</b>	<b>74,071</b>	<b>157,089</b>
Taxable vehicles	1,023,454	629,964	164,451	73,277	155,762
Exempt vehicles	71,510	67,990	1,399	794	1,327
Federal government	382	368	12	-	2
State government	5,358	5,354	4	-	-
County government	6,436	4,100	749	515	1,072
Fire department	265	72	120	38	35
Police department	1,645	1,292	350	-	3
Consulates	58	57	-	-	1
Disabled veterans	108	60	11	33	4
Military non-resident	56,849	56,483	79	200	87
Farm	258	96	48	5	109
Horseless carriage	47	37	8	1	1
Electric vehicles	104	71	18	2	13

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

SOURCE: Hawaii State Department of Transportation, Motor Vehicle Safety Office, records.

## 6.2.12

**TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND  
TRAFFIC DEATHS, 2001 TO 2005,  
BY COUNTY**

COUNTY	2001	2002	2003	2004	2005
<b>Major Traffic Accidents<sup>1</sup></b>					
Honolulu	6,406	6,761	7,025	6,937r	NA
Hawaii	2,781	2,256	2,313	NA	NA
Kauai	524	637	767	730r	NA
Maui	1,159	1,009	1,145	825r	NA
<b>Fatal Accidents</b>					
Honolulu	74	67	65	65r	72
Hawaii	29	27	29	33	33
Kauai	4	5	5	9	9
Maui	26	17	15	21	15
<b>Persons Injured</b>					
Honolulu	5,036	5,426	5,460	5,326r	NA
Hawaii	1,819	1,844	1,797	NA	NA
Kauai	440	524	558r	508r	NA
Maui	1,346	1,156	1,249	1,020r	NA
<b>Persons Killed</b>					
Honolulu	79	67	79	70r	75
Hawaii	30	28	30	41	40
Kauai	4	5	5	10	10
Maui	28	20	16	21	15

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: Hawaii State Department of Transportation, Highways Division, Traffic Safety Section, records.

## 6.2.13

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

2005	Kahului	Honolulu International	Kona International (Keahole)	Lihue	Hilo International	Molokai
All Movements	168,449	330,506	154,967	107,497	108,462	39,364
Air Carrier	59,210	183,121	22,497	27,220	16,617	0
Air Taxi	77,844	65,728	22,536	54,987	54,036	26,349
General Aviation	27,326	66,852	92,792	19,639	27,843	10,977
Military	4,069	14,805	17,142	5,651	9,966	2,038

SOURCE: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics, Calendar Year 2005*.

## 6.2.14

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

	1998	1999	2000	2001	2002	2003	2004	2005
<b>Kahului Airport</b>								
All Movements	180,890	188,385	174,855	160,324	157,868	151,558	160,552	168,449
Air Carrier	63,336	62,883	63,799	55,937	51,275	47,295	50,729	59,210
Air Taxi	84,546	92,569	77,779	69,635	77,357	76,261	80,563	77,844
General Aviation	29,509	29,575	29,983	31,816	25,218	24,169	25,543	27,326
Military	3,499	3,358	3,294	2,936	4,018	3,833	3,717	4,069
<b>Molokai Airport</b>								
All Movements	49,353	49,184	44,691	43,806	43,065	40,944	36,757	39,364
Air Carrier	1,163	1,469	1,484	1,138	964	656	424	0
Air Taxi	30,080	30,286	27,385	26,890	27,213	27,116	24,321	26,349
General Aviation	15,425	14,169	11,869	12,532	11,931	11,450	10,702	10,977
Military	2,685	3,260	3,953	3,246	2,957	1,722	1,310	2,038

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: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics, Calendar Year 2005*.

## 6.2.15

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

Airport	2001		2002		2003		2004		2005	
	En-planned	De-planned	En-planned	De-planned	En-planned	De-planned	En-planned	De-planned	En-planned	De-planned
<b>Passengers</b>										
OGG										
interisl.	1,449,602	2,132,627	1,591,870	1,593,034	1,414,008	1,414,634	1,360,401	1,359,462	1,388,108	1,372,828
OGG										
overseas	1,067,849	1,079,015	1,112,000	1,119,599	1,271,118	1,282,431	1,399,326	1,385,655	1,561,924	1,570,159
MKK	106,898	108,740	103,139	105,622	97,180	100,163	95,113	96,924	97,199	99,643
LNy	72,714	72,822	70,050	69,851	56,406	56,275	49,310	49,329	49,328	49,794
JHM	47,609	47,781	41,336	41,177	47,569	48,027	50,053	52,528	53,842	56,836
HNM	2,933	2,781	2,569	2,368	3,863	3,810	3,553	3,342	4,117	3,485
LUP	1,295	1,252	2,381	2,224	5,947	5,097	5,736	5,028	6,697	9,139
<b>Cargo (U.S. Tons)</b>										
OGG										
interisl.	6,135	17,321	5,266	16,361	6,134	18,101	5,833	16,688	4,653	14,702
OGG										
overseas	7,919	5,511	12,471	7,049	15,699	8,184	7,138	7,718	8,003	6,672
MKK	486	836	414	856	617	815	380	758	333	798
LNy	73	612	78	753	79	732	50	741	117	826
JHM	278	304	258	295	285	337	213	367	269	612
HNM	51	16	38	41	23	61	12	40	8	31
LUP	15	170	13	193	17	174	14	218	117	826
<b>Mail (U.S. Tons)</b>										
OGG										
interisl.	1,977	7,176	193	3,512	1,547	7,557	1,459	8,489	1,513	8,748
OGG										
overseas	1,133	136	332	1	773	35	710	69	706	6
MKK	22	62	1	n/a	19	39	54	14	85	0
LNy	9	37	n/a	n/a	2	33	203	87	294	108
JHM	0	0	n/a	n/a	0	0	0	0	0	0
HNM	0	0	n/a	n/a	0	0	0	0	169	0
LUP	1	3	n/a	n/a	0	9	5	11	6	20

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	Molokai	HNM	Hana
LNy	Lanai	LUP	Kalaupapa

SOURCE: Hawaii State Department of Transportation, Airports Division, *Airport Activity Statistics, Calendar Year 2005*.

6.2.16

**PRIVATE PASSENGER AIRCRAFT AND CORPORATE JET LANDINGS,  
KAHULUI AIRPORT FY 04-05**

MLW (pounds)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
<10,000	0	0	0	0	0	0	0	0	0	0	0	0	0
10,000 - 20,000	0	0	0	0	0	0	0	0	0	6	9	15	30
20,000 - 30,000	3	1	2	2	1	0	1	1	1	1	0	1	14
30,000 - 40,000	23	17	12	14	32	37	24	36	31	38	19	31	314
40,000 - 50,000	11	8	2	10	5	17	9	5	10	12	1	2	92
50,000 - 75,000	19	30	12	18	29	41	33	17	25	27	14	20	285
75,000 - 100,000	10	15	6	9	3	25	4	14	8	10	3	3	110
>100,000	2	1	0	1	6	3	1	1	3	6	0	0	24
<b>Total</b>	<b>68</b>	<b>72</b>	<b>34</b>	<b>54</b>	<b>76</b>	<b>123</b>	<b>72</b>	<b>74</b>	<b>78</b>	<b>100</b>	<b>46</b>	<b>72</b>	<b>869</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.

## 6.2.17

### VESSEL ARRIVALS FOR KAHULUI HARBOR

*Excludes domestic fishing craft*

	1997	1998	1999	2000	2001	2002	2003	2004
<b>Total Inbound Vessels</b>	<b>1,259</b>	<b>1,351</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>By Type of Vessel</b>								
Self propelled vessels								
Passenger and dry cargo	22	45	55	54	69	59	75	120
Tanker	0	3	2	0	2	2	6	2
Towboat or tugboat	534	584	614	665	375	718	695	816
Non-self propelled vessels								
Dry cargo	615	618	656	624	744	663	593	400
Tanker	88	101	115	110	105	106	130	79
<b>By Draft</b>								
18 feet and less	1,061	1,152	1,160	1,198	1,305	1,279	1,289	1,292
19 feet and more	198	199	282	255	220	203	131	125

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 1997-2004.

## 6.2.18

### FREIGHT TRAFFIC FOR KAHULUI HARBOR

#### Freight Traffic (In thousand short tons)

1990	2,408
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

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 1990-2004.

**6.2.19**  
**KAHULUI HARBOR FREIGHT TRAFFIC BY**  
**COMMODITY**

*In thousands of tons*

2004 Commodity	Grand Total	Foreign Inbound	Coastwise	
			Receipts	Shipments
<b>Total, all commodities</b>	3,901	67	2,448	1,385
<b>Coal Total</b>	56	56		
1100 Coal & Lignite	56	56		
<b>Petroleum and Petroleum Products Total</b>	482	1	471	10
2211 Gasoline	125	–	116	9
2330 Distillate Fuel Oil	241	–	240	1
2340 Residual Fuel Oil	100	–	100	–
2350 Lube Oil & Greases	2	–	2	0
2429 Naphtha & Solvents	1	–	1	–
2640 Liquid Natural Gas	13	1	12	–
2990 Petro. Products NEC	0	–	0	–
<b>Chemicals and Related Products Total</b>	23	–	22	1
3110 Nitrogenous Fert.		–		–
3190 Fert. & Mixes NEC	20	–	19	1
3274 Sodium Hydroxide				
3275 Inorg. Elem., Oxides, & Halogen Salts				
3281 Radioactive Material				
3282 Pigments & Paints	1	–	1	0
3284 Medicines	0	–		–
3285 Perfumes & Cleansers	0	–		–
3286 Plastics	0	–		–
3291 Pesticides	0	–		–
3293 Explosives	0	–		–
3299 Chem. Products nec	1	–	1	0
<b>Crude Materials, Inedible Except Fuels Total</b>	132	8	115	10
4189 Lumber	118	–	114	4
4190 Forest Products NEC	1	–	1	–
4225 Pulp & Waste Paper				
4331 Sand & Gravel	8	8		–
4338 Soil & Fill Dirt		–		–
4420 Iron & Steel Scrap	6	–		6
4900 Non-Metal. Min. NEC				
<b>Primary Manufactured Goods Total</b>	2,097	2	1,226	868
5110 Newsprint				
5120 Paper & Paperboard				
5190 Paper Products NEC	11		10	1
5220 Cement & Concrete	54		54	–
5240 Glass & Glass Prod.	1		1	0
5290 Misc. Mineral Prod.	12		12	0
5330 I&S Plates & Sheets	2	2	–	–
5360 I&S Bars & Shapes	1	–	1	–
5370 I&S Pipe & Tube	6	–	6	0
5429 Smelted Prod. NEC				
5480 Fab. Metal Products	2,010	–	1,143	867
5540 Primary Wood Prod.				

## 6.2.19

CONTINUED

2004 Commodity	Grand Total	Foreign Inbound	Coastwise	
			Receipts	Shipments
<b>Food and Farm Products Total</b>	485	–	211	274
6134 Fish (Not Shellfish)				
6442 Rice	3	–	3	–
6654 Vegetables & Prod.	17	–	10	7
6746 Wheat Flour	0	–	–	–
6747 Grain Mill Products				
6781 Hay & Fodder	1	–	1	–
6782 Animal Feed, Prep.	9	–	9	0
6811 Meat, Fresh, Frozen	5	–	5	–
6822 Dairy Products	0	–	–	–
6839 Animals & Prod. NEC	8	–	5	3
6857 Fruit & Nuts NEC	3	–	0	3
6858 Fruit Juices	61	–	0	61
6861 Sugar	114	–	0	114
6865 Molasses	65	–	0	65
6871 Coffee	0	–	–	–
6885 Alcoholic Beverages	21	–	21	0
6887 Groceries	0	–	–	–
6889 Food Products NEC	175	–	154	20
6899 Farm Products NEC	4	–	4	–
<b>All Manufactured Equipment, Machinery and Products Total</b>	626	–	403	223
7110 Machinery (Not Elec)	5	–	4	0
7120 Electrical Machinery	1	–	1	0
7210 Vehicles & Parts	245	–	150	96
7220 Aircraft & Parts	0	–	–	–
7230 Ships & Boats	1	–	1	0
7400 Manufac. Wood Prod.	36	–	31	5
7500 Textile Products	0	–	–	–
7600 Rubber & Plastic Pr.	1	–	0	0
7900 Manufac. Prod. NEC	337	–	216	122
<b>Waste and Scrap Total</b>				
8900 Waste and Scrap NEC	1	–	–	1
<b>Unknown or Not Elsewhere Classified Total</b>				
9900 Unknown or NEC	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 Hawaii, Alaska to Hawaii). 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 Hawaii*, calendar year 2004.

6.2.20

**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:

- Three Home Ported Tugs included in above figures account for:  
 38 Visits  
 14,763 Hours in Port  
 388.5 Avg. Hours per visit
- Pilot Boat not included in above figures  
 12 Visits  
 8,697 Hours in Port  
 724.8 Average Hours pr visit

Source: State of Hawaii, Department of Transportation, Harbors Division, Maui District, records.