

Table 4.10-- ANALYSIS OF TRAFFIC ACCIDENTS BY POPULATION, LICENSED DRIVERS, MOTOR VEHICLES, AND GASOLINE CONSUMPTION, HAWAII COUNTY: 2005 TO 2008

Subject	2005	2006	2007	2008
Accidents	7,432	7,445	7,384	6,499
Injuries	1,881	1,785	1,634	1,261
Killed	36	33	37	27
Population	166,500	171,200	172,500	175,800
Number of licensed drivers	119,741	122,087	125,063	127,456
Registered motor vehicles	165,850	170,090	176,386	175,166
Fuel consumption (gallons)	85,694,670	94,090,302	95,203,805	89,648,315
Gasoline	74,148,347	80,714,051	82,117,638	74,580,442
Diesel oil & liquid petroleum gas (highway use)	11,546,323	13,376,251	13,086,167	15,067,873
Rate per 10,000 population				
Accidents	446.4	434.9	429.3	374.9
Injuries	113.0	104.3	94.7	71.7
Deaths	2.2	1.9	2.1	1.5
Rate per 1,000 licensed drivers				
Accidents	62.1	61.1	59.2	51.9
Injuries	15.7	14.6	13.1	10.0
Deaths	0.6	0.2	0.3	0.2
Rate per 1,000 motor vehicles				
Accidents	44.8	43.8	42.1	37.7
Injuries	11.3	10.5	9.3	7.2
Deaths	0.22	0.19	0.21	0.15
Rate per 1,000,000 gallons fuel consumed				
Accidents	86.7	79.1	78.0	74.0
Injuries	21.9	18.9	17.2	14.0
Deaths	0.40	0.30	0.39	0.30

Source: Hawaii County Police Department, records; and Hawaii State Department of Taxation, "Liquid Fuel Tax Base & Tax Collections" (annual); figures compiled and calculated by County of Hawaii, Department of Research & Development.