

Table 4.10-- ANALYSIS OF TRAFFIC ACCIDENTS BY POPULATION, LICENSED DRIVERS, MOTOR VEHICLES, AND GASOLINE CONSUMPTION, HAWAII COUNTY: 2002 TO 2006

Subject	2002	2003	2004	2005	2006
Accidents	6,090	6,652	7,148	7,432	7,445
Injuries	1,173	1,572	1,413	1,881	1,785
Killed	28	35	41	36	33
Population	154,800	158,700	162,900	166,500	171,200
Number of licensed drivers	110,561	113,760	116,486	119,741	122,087
Registered motor vehicles	142,150	150,983	159,627	165,850	170,090
Fuel consumption (gallons)	77,708,688	91,231,032	87,190,706	85,694,670	94,090,302
Gasoline	68,711,234	82,309,930	76,200,210	74,148,347	80,714,051
Diesel oil & liquid petroleum gas (highway use)	8,997,455	8,921,102	10,990,496	11,546,323	13,376,251
Rate per 10,000 population					
Accidents	393.4	419.2	438.5	446.4	434.9
Injuries	75.8	99.1	86.7	113.0	104.3
Deaths	1.8	2.2	2.5	2.2	1.9
Rate per 1,000 licensed drivers					
Accidents	55.1	58.5	61.4	62.1	61.1
Injuries	10.6	13.8	12.1	15.7	14.6
Deaths	0.25	0.3	0.4	0.6	0.2
Rate per 1,000 motor vehicles					
Accidents	42.8	44.1	44.8	44.8	43.8
Injuries	8.3	10.4	8.9	11.3	10.5
Deaths	0.20	0.23	0.26	0.22	0.19
Rate per 1,000,000 gallons fuel consumed					
Accidents	78.4	72.9	82.0	86.7	79.1
Injuries	15.1	17.2	16.2	21.9	18.9
Deaths	0.36	0.38	0.47	0.40	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.