

ROCKLAND COUNTY

TRAFFIC SAFETY DATA



Prepared by

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COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2006-2008. Four summary reports provide detailed accident data for the three years 2006-2008. The four accident reports provide data for 1) all accidents, 2) alcohol-related accidents, 3) speed-related accidents, and 4) motorcycle accidents. Caution is advised in interpreting the data in cases where the numbers are very small. For assistance in using the data in this document or to request additional information, please contact

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SECTION 1

General Accident Summary Report

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Rockland County**

TABLE 1 Accident Summary Totals

Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	5,224	270,700	1.9	6,523	323,106	2.0	6,182	316,231	2.0
Fatal Accidents	28	1,330	2.1	17	1,220	1.4	16	1,160	1.4
Non-Fatal Personal Injury Accidents	2,382	138,311	1.7	2,410	139,117	1.7	2,286	134,894	1.7
Reportable Property Damage Accidents	2,814	131,059	2.1	4,096	182,769	2.2	3,880	180,177	2.2
Manner of Collision									
Single Vehicle Accidents	1,316	83,588	1.6	1,798	103,286	1.7	1,670	104,790	1.6
Multiple Vehicle Accidents	3,908	187,112	2.1	4,725	219,820	2.1	4,512	211,441	2.1
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	135	15,702	0.9	119	15,701	0.8	125	15,620	0.8
Bicycle/Motor Vehicle Accidents	45	5,565	0.8	55	5,535	1.0	65	5,646	1.2
Motorcycle Accidents	90	4,912	1.8	73	5,426	1.3	75	5,396	1.4
Fatalities									
Persons Killed (1)	28	1,433	2.0	19	1,317	1.4	16	1,224	1.3
Drivers Killed	18	801	2.2	11	762	1.4	10	669	1.5
Passengers Killed	2	269	0.7	5	231	2.2	4	211	1.9
Pedestrians Killed	8	315	2.5	3	272	1.1	2	302	0.7
Bicyclists Killed	0	45	0.0	0	50	0.0	0	42	0.0
Other	0	3	0.0	0	2	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	3,326	195,644	1.7	3,291	194,255	1.7	3,154	187,160	1.7
Drivers Injured	2,277	119,411	1.9	2,273	119,314	1.9	2,167	114,393	1.9
Passengers Injured	864	54,629	1.6	833	53,261	1.6	789	51,120	1.5
Pedestrians Injured	132	15,369	0.9	119	15,472	0.8	127	15,317	0.8
Bicyclists Injured	44	5,426	0.8	56	5,373	1.0	63	5,422	1.2
Other	9	809	1.1	10	835	1.2	8	908	0.9

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Rockland County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2006	2007	2008
Crash Rates			
Crash Rate per 10,000 Population	177.11	220.01	207.07
Crash Rate per 10,000 Licensed Drivers	254.73	313.74	300.79
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	113.71	111.64	106.18
Fatality & Injury Rate per 10,000 Licensed Drivers	163.55	159.20	154.24

TABLE 2 Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	6,182	486	1,703	2,516	1,343	134
Sunday	771	138	150	293	171	19
Monday	831	40	238	372	163	18
Tuesday	866	39	257	360	190	20
Wednesday	1,007	46	340	398	210	13
Thursday	879	35	265	364	197	18
Friday	1,079	76	309	466	203	25
Saturday	749	112	144	263	209	21

TABLE 3(P) Police Investigating Agency						
	2006		2007		2008	
	#	%	#	%	#	%
Total	4,258	100.0	5,727	100.0	5,607	100.0
State Police	1,080	25.4	1,545	27.0	1,317	23.5
County Police	81	1.9	90	1.6	78	1.4
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	3,096	72.7	4,092	71.5	4,211	75.1
Unknown	1	<0.1	0	0.0	1	<0.1

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Rockland County**

TABLE 4 Jurisdictional Road System						
	2006		2007		2008	
	#	%	#	%	#	%
Total	5,224	100.0	6,523	100.0		
State Routes	1,845	35.3	2,113	32.4	Data are not available.	
County Routes	650	12.4	905	13.9		
Town Routes	883	16.9	889	13.6		
Municipal Routes	545	10.4	599	9.2		
Parkways	429	8.2	332	5.1		
Thruway	712	13.6	1,073	16.4		
Other Interstates	38	0.7	2	<0.1		
Unknown	122	2.3	610	9.4		

TABLE 5 Driver Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total Drivers	9,375	100.0	11,464	100.0	10,796	100.0
Male	5,284	56.4	6,516	56.8	6,237	57.8
Female	3,713	39.6	4,485	39.1	4,157	38.5
Unknown	378	4.0	463	4.0	402	3.7
Age						
Under Age 16	3	<0.1	3	<0.1	1	<0.1
Ages 16-20	1,109	11.8	1,362	11.9	1,213	11.2
Ages 21-29	1,691	18.0	2,121	18.5	2,073	19.2
Ages 30-39	1,629	17.4	2,004	17.5	1,814	16.8
Ages 40-49	1,807	19.3	2,242	19.6	2,053	19.0
Ages 50-59	1,412	15.1	1,634	14.3	1,630	15.1
Ages 60-69	768	8.2	943	8.2	974	9.0
Ages 70 and Over	544	5.8	649	5.7	619	5.7
Unknown Age	412	4.4	506	4.4	419	3.9

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Rockland County**

	2006		2007		2008	
	#	%	#	%	#	%
Total Accidents	4,258		5,727		5,607	
Alcohol Involvement*	150	3.5	165	2.9	151	2.7
Backing Unsafely	92	2.2	135	2.4	175	3.1
Driver Inattention/Distracted	679	15.9	936	16.3	1,127	20.1
Driver Inexperience	120	2.8	119	2.1	141	2.5
Failure to Keep Right	78	1.8	99	1.7	105	1.9
Failure to Yield R.O.W.	671	15.8	825	14.4	765	13.6
Following Too Closely	973	22.9	1,237	21.6	1,139	20.3
Passing/Lane Violations	373	8.8	602	10.5	597	10.6
Traffic Control Disregarded	156	3.7	197	3.4	187	3.3
Turning Improperly	182	4.3	235	4.1	245	4.4
Unsafe Speed*	464	10.9	621	10.8	602	10.7

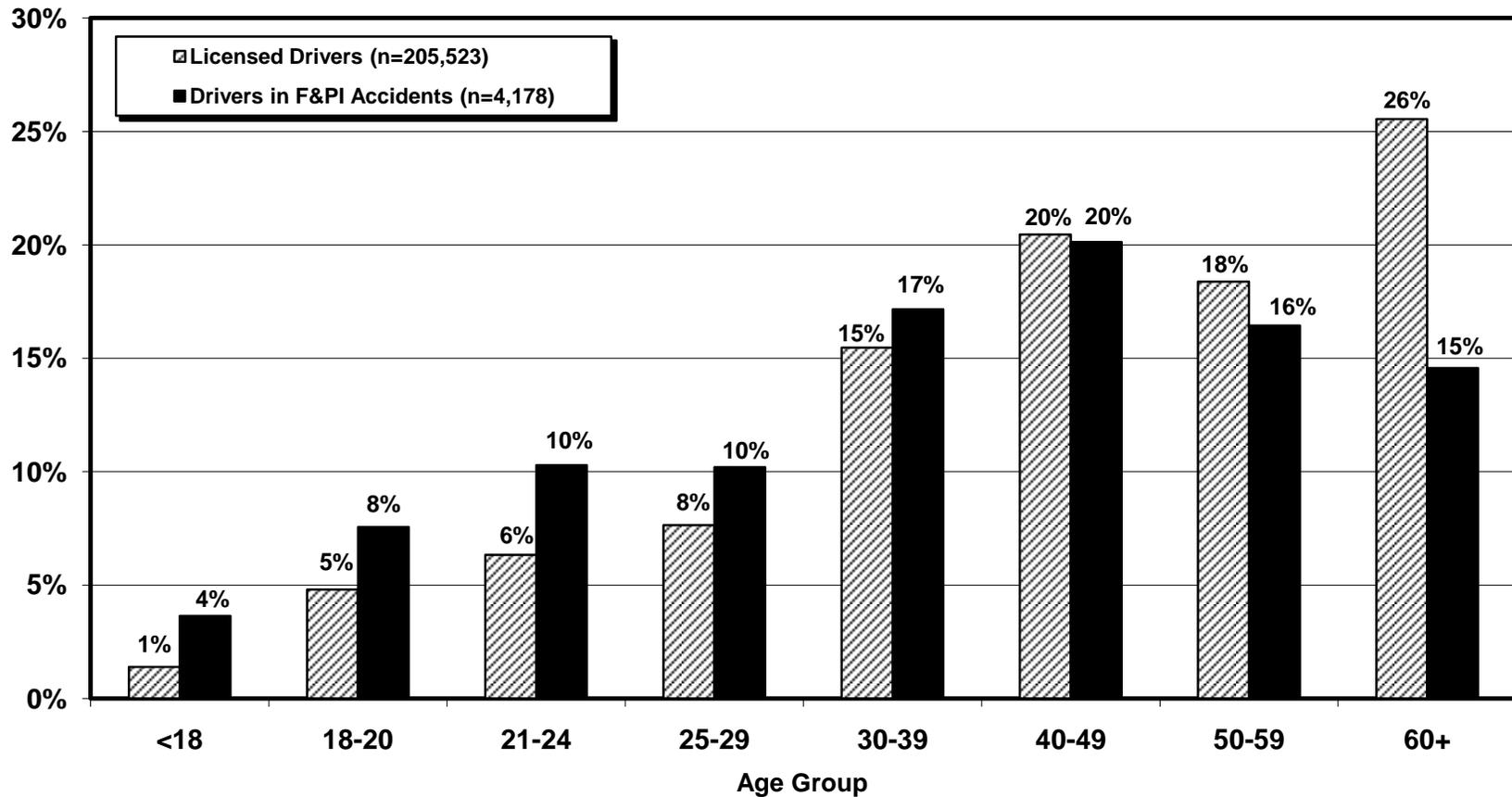
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For data on the total number of alcohol-related accidents in the county, see the separate report titled, "Summary of Alcohol-Related Accidents." For data on the total number of speed-related accidents in the county, see the separate report titled, "Summary of Speed-Related Accidents."

Note: Many accidents have multiple factors reported.

Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	3,310	100.0	178	3,170	100.0	192
Under Age 4	20	0.6	1	34	1.1	2
Ages 4-6	37	1.1	8	35	1.1	7
Ages 7-15	152	4.6	46	139	4.4	31
Ages 16-17	156	4.7	9	135	4.3	9
Ages 18-20	281	8.5	7	235	7.4	9
Ages 21-29	604	18.2	20	604	19.1	29
Ages 30-39	518	15.6	22	461	14.5	21
Ages 40-49	576	17.4	21	572	18.0	30
Ages 50-59	472	14.3	17	469	14.8	29
Ages 60-69	250	7.6	11	262	8.3	11
Ages 70 and Over	202	6.1	7	182	5.7	11
Unknown Age	42	1.3	9	42	1.3	3

	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	2,895	100.0	2,939	100.0	2,813	100.0
No Restraint Used	191	6.6	186	6.3	164	5.8
Restraint Used	2,610	90.2	2,648	90.1	2,539	90.3
Unknown	94	3.2	105	3.6	110	3.9
Motorcyclists	79	100.0	67	100.0	74	100.0
No Helmet Used	3	3.8	4	6.0	11	14.9
Helmet Used	71	89.9	61	91.0	59	79.7
Unknown	5	6.3	2	3.0	4	5.4
Bicyclists	44	100.0	54	100.0	60	100.0
No Helmet Used	10	22.7	12	22.2	12	20.0
Helmet Used	12	27.3	17	31.5	32	53.3
Unknown	22	50.0	25	46.3	16	26.7

FIGURE 1
Rockland County 2008
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Accidents
by Age Group



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury accidents than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury accidents. 87 drivers in fatal and personal injury accidents were excluded due to unknown age.

**New York State Department of Motor Vehicles
Motor Vehicle Accidents**

Rockland County

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction															
Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2006			2007			2008			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
Towns															
Clarkstown	79,184	27.0	351.2	29.8	225.5	745	2.1	1,040	777	2.2	1,058	679	1.9	940	
Haverstraw	12,610	4.3	54.7	4.6	230.5	120	2.2	161	91	1.7	138	101	1.8	131	
Orangetown	35,896	12.2	196.7	16.7	182.5	292	1.5	424	263	1.3	356	263	1.3	357	
Ramapo	44,712	15.2	179.9	15.3	248.5	436	2.4	580	407	2.3	559	346	1.9	483	
Stony Point	14,964	5.1	85.2	7.2	175.6	99	1.2	141	116	1.4	146	116	1.4	156	
Villages															
Airmont	included in Town of Ramapo														
Chestnut Ridge	7,891	2.7	45.7	3.9	172.7	63	1.4	78	81	1.8	111	65	1.4	97	
Grand View-on-Hudson	288	0.1	1.8	0.2	160.0	7	3.9	10	11	6.1	16	6	3.3	7	
Haverstraw	10,136	3.5	17.8	1.5	569.4	84	4.7	113	72	4.0	89	63	3.5	87	
Hillburn	887	0.3	9.7	0.8	91.4	13	1.3	32	12	1.2	16	18	1.9	29	
Kaser	included in Town of Ramapo														
Montebello	3,707	1.3	19.3	1.6	192.1	38	2.0	51	48	2.5	64	32	1.7	49	
New Hempstead	4,790	1.6	25.0	2.1	191.6	39	1.6	62	26	1.0	38	29	1.2	43	
New Square	5,920	2.0	3.3	0.3	1793.9	5	1.5	5	8	2.4	8	2	0.6	2	
Nyack	6,734	2.3	14.9	1.3	451.9	62	4.2	89	65	4.4	88	67	4.5	84	
Piermont	2,617	0.9	8.0	0.7	327.1	17	2.1	20	19	2.4	23	11	1.4	16	
Pomona	2,915	1.0	14.9	1.3	195.6	13	0.9	17	8	0.5	19	4	0.3	4	
Sloatsburg	3,118	1.1	16.0	1.4	194.9	30	1.9	42	35	2.2	44	31	1.9	50	
South Nyack	3,465	1.2	11.6	1.0	298.7	50	4.3	66	37	3.2	59	45	3.9	65	
Spring Valley	25,542	8.7	34.2	2.9	746.8	166	4.9	232	178	5.2	251	212	6.2	282	
Suffern	10,984	3.7	25.1	2.1	437.6	36	1.4	50	48	1.9	57	54	2.2	71	
Upper Nyack	1,888	0.6	11.3	1.0	167.1	5	0.4	10	7	0.6	8	9	0.8	14	
Westley Hills	5,064	1.7	29.5	2.5	171.7	21	0.7	24	22	0.7	28	17	0.6	23	
West Haverstraw	10,314	3.5	23.4	2.0	440.8	50	2.1	80	57	2.4	80	47	2.0	65	
Other															
unknown	na	na	na	na	na	19	na	27	39	na	54	85	na	115	
Rockland															
County Total	293,626		1179.0		249.0	2,410	2.0	3,354	2,427	2.1	3,310	2,302	2.0	3,170	
New York State	19,227,088		113342.8		169.6	139,641	1.2	197,077	140,337	1.2	195,572	136,054	1.2	188,384	

Source: US Census Bureau redistricting data, NYSDOT Highway Mileage report, and the NYSDMV AIS data base.

SECTION 2

Alcohol-Related Accident Summary Report

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents**

Rockland County

TABLE 1(P) Alcohol-Related (A-R) Accidents									
Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	156	7,959	2.0	170	9,480	1.8	157	9,202	1.7
Fatal Accidents	4	359	1.1	4	344	1.2	5	355	1.4
Non-Fatal Personal Injury Accidents	97	5,111	1.9	91	4,991	1.8	71	4,775	1.5
Reportable Property Damage Accidents	55	2,489	2.2	75	4,145	1.8	81	4,072	2.0
Manner of Collision									
Single Vehicle Accidents	75	4,380	1.7	83	5,138	1.6	75	5,033	1.5
Multiple Vehicle Accidents	81	3,579	2.3	87	4,342	2.0	82	4,169	2.0
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	5	411	1.2	6	403	1.5	0	428	0.0
A-R Bicycle/Motor Vehicle Accidents	1	90	1.1	2	97	2.1	1	106	0.9
A-R Motorcycle Accidents	5	176	2.8	0	217	0.0	3	220	1.4
Fatalities									
Persons Killed (1)	4	397	1.0	5	373	1.3	5	381	1.3
Drivers Killed	1	235	0.4	1	239	0.4	3	212	1.4
<i>Drinking Drivers</i>	1	214	0.5	1	215	0.5	3	192	1.6
<i>Non-Drinking Drivers</i>	0	21	0.0	0	24	0.0	0	20	0.0
Passengers Killed	2	85	2.4	3	65	4.6	2	77	2.6
Pedestrians Killed	1	69	1.4	1	62	1.6	0	82	0.0
Bicyclists Killed	0	8	0.0	0	7	0.0	0	10	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	142	7,293	1.9	127	7,175	1.8	103	6,886	1.5
Drivers Injured	100	4,753	2.1	84	4,593	1.8	80	4,396	1.8
Passengers Injured	36	2,059	1.7	36	2,072	1.7	21	1,979	1.1
Pedestrians Injured	5	361	1.4	5	362	1.4	0	360	0.0
Bicyclists Injured	1	79	1.3	2	90	2.2	1	94	1.1
Other	0	41	0.0	0	58	0.0	1	57	1.8

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.
 Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents
Rockland County**

TABLE 2(P) Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	157	74	11	17	55	0
Sunday	35	23	2	2	8	0
Monday	12	4	1	2	5	0
Tuesday	14	6	0	2	6	0
Wednesday	9	2	1	2	4	0
Thursday	17	6	0	4	7	0
Friday	22	10	1	2	9	0
Saturday	48	23	6	3	16	0

TABLE 3(P) Driver Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total Drivers	227	100.0	238	100.0	223	100.0
Male	167	73.6	174	73.1	174	78.0
<i>Drinking Drivers</i>	127	55.9	132	55.5	130	58.3
<i>Non-Drinking Drivers</i>	40	17.6	42	17.6	44	19.7
Female	53	23.3	57	23.9	43	19.3
<i>Drinking Drivers</i>	28	12.3	29	12.2	25	11.2
<i>Non-Drinking Drivers</i>	25	11.0	28	11.8	18	8.1
Unknown	7	3.1	7	2.9	6	2.7
<i>Drinking Drivers</i>	2	0.9	1	0.4	1	0.4
<i>Non-Drinking Drivers</i>	5	2.2	6	2.5	5	2.2
Drinking Drivers	157	100.0	162	100.0	156	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	13	8.3	21	13.0	12	7.7
Ages 21-29	58	36.9	61	37.7	65	41.7
Ages 30-39	23	14.6	35	21.6	36	23.1
Ages 40-49	33	21.0	25	15.4	24	15.4
Ages 50-59	20	12.7	16	9.9	10	6.4
Age 60 and Over	8	5.1	3	1.9	8	5.1
Unknown Age	2	1.3	1	0.6	1	0.6
Non-Drinking Drivers	70	100.0	76	100.0	67	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	7.1	6	7.9	5	7.5
Ages 21-29	11	15.7	21	27.6	9	13.4
Ages 30-39	16	22.9	16	21.1	13	19.4
Ages 40-49	9	12.9	16	21.1	20	29.9
Ages 50-59	14	20.0	7	9.2	8	11.9
Age 60 and Over	9	12.9	3	3.9	7	10.4
Unknown Age	6	8.6	7	9.2	5	7.5

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents
Rockland County**

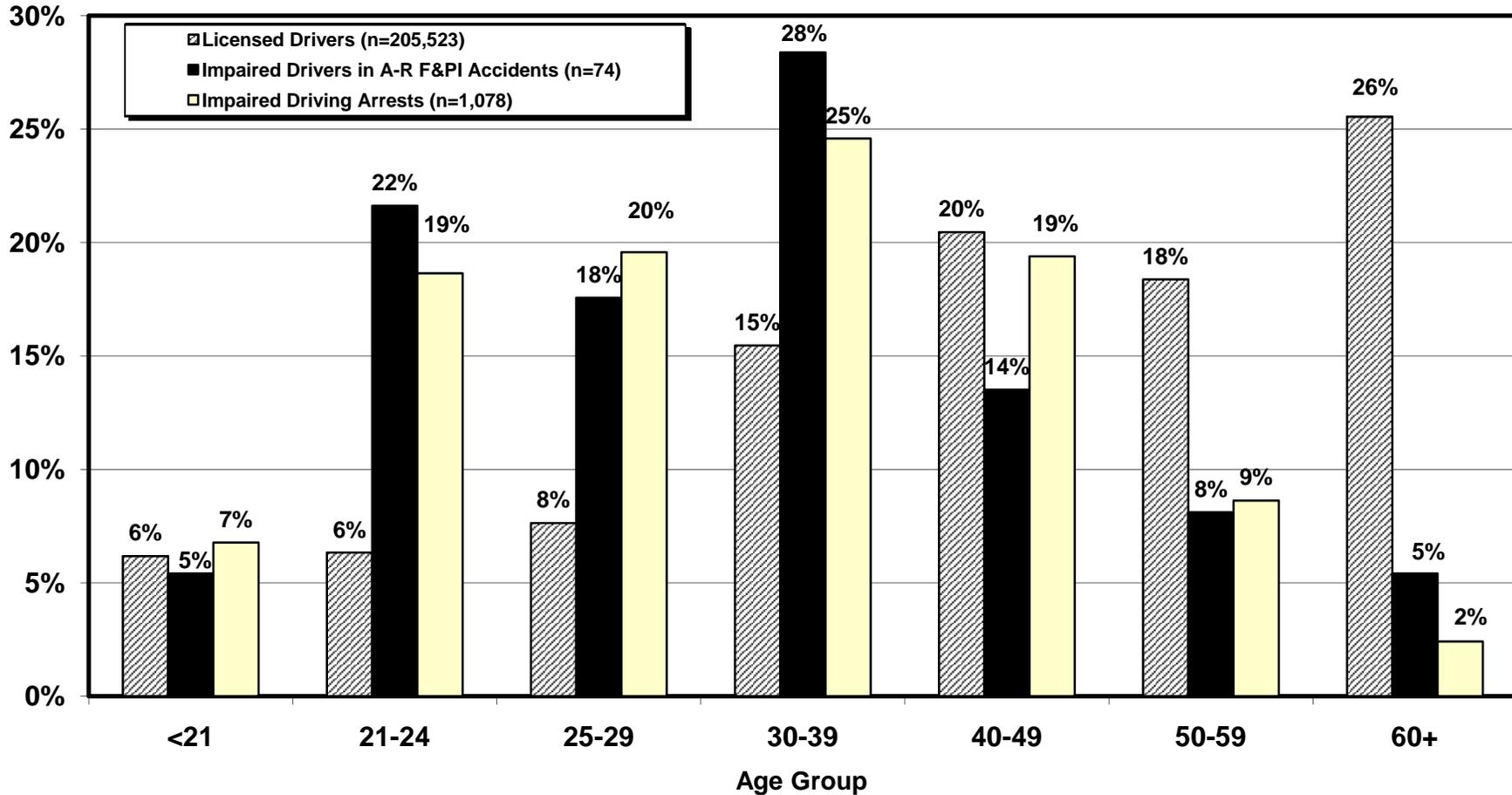
	2006		2007		2008	
	#	%	#	%	#	%
Total Accidents	156		170		157	
Driver Inattention/Distracted	5	3.2	15	8.8	10	6.4
Failure to Keep Right	5	3.2	8	4.7	2	1.3
Failure to Yield R.O.W.	9	5.8	9	5.3	9	5.7
Fell Asleep	1	0.6	9	5.3	2	1.3
Following Too Closely	18	11.5	14	8.2	6	3.8
Passing/Lane Violations	21	13.5	20	11.8	23	14.6
Traffic Control Disregarded	8	5.1	6	3.5	7	4.5
Unsafe Speed	37	23.7	33	19.4	39	24.8

Note: Many accidents have multiple factors reported.

Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	132	100.0	8	108	100.0	1
Under Age 4	0	0.0	0	1	0.9	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	8	6.1	0	2	1.9	0
Ages 16-17	3	2.3	0	1	0.9	0
Ages 18-20	16	12.1	0	6	5.6	0
Ages 21-29	41	31.1	4	43	39.8	1
Ages 30-39	23	17.4	1	20	18.5	0
Ages 40-49	22	16.7	1	21	19.4	0
Ages 50-59	11	8.3	1	10	9.3	0
Ages 60-69	2	1.5	0	2	1.9	0
Ages 70 and Over	3	2.3	0	1	0.9	0
Unknown Age	3	2.3	1	1	0.9	0

	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	134	100.0	124	100.0	102	100.0
No Restraint Used	20	14.9	35	28.2	15	14.7
Restraint Used	94	70.1	83	66.9	75	73.5
Unknown	20	14.9	6	4.8	12	11.8
Motorcyclists	5	100.0	0	0.0	4	100.0
No Helmet Used	0	0.0	0	0.0	1	25.0
Helmet Used	5	100.0	0	0.0	3	75.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	1	100.0	2	100.0	1	100.0
No Helmet Used	1	100.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	2	100.0	1	100.0

FIGURE 1
Rockland County 2008
Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Accidents, and Drivers Arrested for Impaired Driving by Age Group



Note: In interpreting these data, any age group with a greater percentage of impaired drivers involved in A-R fatal and personal injury accidents than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury accidents. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

SECTION 3

Speed-Related Accident Summary Report

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Accidents**

Rockland County

TABLE 1(P) Speed-Related (S-R) Accidents

Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	482	20,927	2.3	638	31,729	2.0	614	32,234	1.9
Fatal Accidents	10	391	2.6	5	369	1.4	7	379	1.8
Non-Fatal Personal Injury Accidents	253	13,048	1.9	262	14,405	1.8	270	14,207	1.9
Reportable Property Damage Accidents	219	7,488	2.9	371	16,955	2.2	337	17,648	1.9
Manner of Collision									
Single Vehicle Accidents	242	12,070	2.0	345	19,143	1.8	321	20,115	1.6
Multiple Vehicle Accidents	240	8,857	2.7	293	12,586	2.3	293	12,119	2.4
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	3	347	0.9	2	382	0.5	1	369	0.3
S-R Bicycle/Motor Vehicle Accidents	1	88	1.1	2	91	2.2	3	93	3.2
S-R Motorcycle Accidents	17	797	2.1	7	857	0.8	19	854	2.2
Fatalities									
Persons Killed (1)	10	439	2.3	6	406	1.5	7	412	1.7
Drivers Killed	8	305	2.6	3	277	1.1	5	293	1.7
<i>Speeding Drivers</i>	6	281	2.1	2	249	0.8	4	271	1.5
<i>Non-Speeding Drivers</i>	2	24	8.3	1	28	3.6	1	22	4.5
Passengers Killed	2	112	1.8	3	104	2.9	2	90	2.2
Pedestrians Killed	0	20	0.0	0	24	0.0	0	29	0.0
Bicyclists Killed	0	2	0.0	0	1	0.0	0	0	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	378	19,474	1.9	387	21,137	1.8	400	20,595	1.9
Drivers Injured	264	12,816	2.1	268	14,151	1.9	281	13,818	2.0
Passengers Injured	106	6,135	1.7	113	6,427	1.8	115	6,235	1.8
Pedestrians Injured	4	353	1.1	2	383	0.5	1	364	0.3
Bicyclists Injured	1	83	1.2	2	90	2.2	3	90	3.3
Other	3	87	3.4	2	86	2.3	0	88	0.0

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Accidents
Rockland County**

TABLE 2(P) Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	614	104	180	187	143	0
Sunday	101	25	21	27	28	0
Monday	51	9	13	17	12	0
Tuesday	76	5	28	26	17	0
Wednesday	110	8	50	30	22	0
Thursday	72	9	17	27	19	0
Friday	105	15	34	35	21	0
Saturday	99	33	17	25	24	0

TABLE 3(P) Driver Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total Drivers	763	100.0	994	100.0	957	100.0
Male	518	67.9	673	67.7	638	66.7
<i>Speeding Drivers</i>	346	45.3	456	45.9	441	46.1
<i>Non-Speeding Drivers</i>	172	22.5	217	21.8	197	20.6
Female	224	29.4	290	29.2	291	30.4
<i>Speeding Drivers</i>	122	16.0	167	16.8	161	16.8
<i>Non-Speeding Drivers</i>	102	13.4	123	12.4	130	13.6
Unknown	21	2.8	31	3.1	28	2.9
<i>Speeding Drivers</i>	13	1.7	20	2.0	13	1.4
<i>Non-Speeding Drivers</i>	8	1.0	11	1.1	15	1.6
Speeding Drivers	481	100.0	643	100.0	615	100.0
Under Age 16	1	0.2	1	0.2	0	0.0
Ages 16-20	106	22.0	146	22.7	121	19.7
Ages 21-29	141	29.3	184	28.6	190	30.9
Ages 30-39	94	19.5	106	16.5	99	16.1
Ages 40-49	60	12.5	81	12.6	87	14.1
Ages 50-59	35	7.3	70	10.9	61	9.9
Age 60 and Over	31	6.4	35	5.4	43	7.0
Unknown Age	13	2.7	20	3.1	14	2.3
Non-Speeding Drivers	282	100.0	351	100.0	342	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	12	4.3	32	9.1	22	6.4
Ages 21-29	50	17.7	50	14.2	58	17.0
Ages 30-39	60	21.3	74	21.1	72	21.1
Ages 40-49	63	22.3	77	21.9	83	24.3
Ages 50-59	50	17.7	65	18.5	49	14.3
Age 60 and Over	37	13.1	39	11.1	43	12.6
Unknown Age	10	3.5	14	4.0	15	4.4

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Accidents
Rockland County**

TABLE 4(P) Select Accident Contributing Factors						
	2006		2007		2008	
	#	%	#	%	#	%
Total Accidents	482		638		614	
Alcohol Involvement	48	10.0	45	7.1	41	6.7
Driver Inattention/Distracted	24	5.0	26	4.1	25	4.1
Driver Inexperience	15	3.1	13	2.0	19	3.1
Failure to Keep Right	10	2.1	7	1.1	13	2.1
Failure to Yield R.O.W.	19	3.9	25	3.9	23	3.7
Following Too Closely	55	11.4	81	12.7	83	13.5
Passing/Lane Violations	31	6.4	50	7.8	48	7.8
Traffic Control Disregarded	14	2.9	9	1.4	9	1.5

Note: Many accidents have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2007-2008						
Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	393	100.0	4	407	100.0	4
Under Age 4	1	0.3	0	3	0.7	0
Ages 4-6	1	0.3	0	5	1.2	0
Ages 7-15	9	2.3	1	14	3.4	0
Ages 16-17	35	8.9	0	34	8.4	0
Ages 18-20	51	13.0	0	48	11.8	1
Ages 21-29	80	20.4	1	101	24.8	1
Ages 30-39	71	18.1	2	63	15.5	0
Ages 40-49	61	15.5	0	63	15.5	1
Ages 50-59	49	12.5	0	41	10.1	0
Ages 60-69	14	3.6	0	24	5.9	0
Ages 70 and Over	13	3.3	0	9	2.2	1
Unknown Age	8	2.0	0	2	0.5	0

TABLE 6(P) Reported Safety Equipment Use						
	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	364	100.0	379	100.0	383	100.0
No Restraint Used	56	15.4	47	12.4	37	9.7
Restraint Used	290	79.7	320	84.4	331	86.4
Unknown	18	4.9	12	3.2	15	3.9
Motorcyclists	16	100.0	8	100.0	20	100.0
No Helmet Used	1	6.3	0	0.0	3	15.0
Helmet Used	14	87.5	8	100.0	16	80.0
Unknown	1	6.3	0	0.0	1	5.0
Bicyclists	1	100.0	2	100.0	3	100.0
No Helmet Used	0	0.0	1	50.0	0	0.0
Helmet Used	0	0.0	0	0.0	2	66.7
Unknown	1	100.0	1	50.0	1	33.3

SECTION 4

Motorcycle Accident Summary Report

**New York State Department of Motor Vehicles
Motorcycle Accidents**

Rockland County

TABLE 1 Accident Summary Totals

Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	90	4,912	1.8	73	5,426	1.3	75	5,396	1.4
Fatal Accidents	4	190	2.1	3	164	1.8	3	184	1.6
Non-Fatal Personal Injury Accidents	76	4,272	1.8	65	4,727	1.4	68	4,593	1.5
Reportable Property Damage Accidents	10	450	2.2	5	535	0.9	4	619	0.6
Manner of Collision									
Single Motorcycle Accidents	51	2,154	2.4	33	2,318	1.4	31	2,392	1.3
Multiple Vehicle Accidents	39	2,758	1.4	40	3,108	1.3	44	3,004	1.5
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	77	0.0	0	74	0.0	1	84	1.2
Motorcycle/Bicycle Accidents	0	29	0.0	0	19	0.0	0	29	0.0
Fatalities									
Persons Killed (1)	4	195	2.1	3	172	1.7	3	188	1.6
Drivers Killed	4	181	2.2	3	162	1.9	3	175	1.7
<i>Motorcycle Operators</i>	4	180	2.2	3	162	1.9	3	175	1.7
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	0	0	0.0
Passengers Killed	0	12	0.0	0	9	0.0	0	8	0.0
<i>Motorcycle Passengers</i>	0	12	0.0	0	9	0.0	0	7	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	2	0.0	0	1	0.0	0	4	0.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	88	4,951	1.8	72	5,503	1.3	80	5,290	1.5
Drivers Injured	78	4,338	1.8	67	4,830	1.4	75	4,674	1.6
Passengers Injured	10	513	1.9	5	579	0.9	4	493	0.8
Pedestrians Injured	0	71	0.0	0	71	0.0	1	81	1.2
Bicyclists Injured	0	26	0.0	0	15	0.0	0	28	0.0
Other	0	3	0.0	0	8	0.0	0	14	0.0

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Motorcycle Accidents**

Rockland County

TABLE 2 Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	75	4	13	39	19	0
Sunday	16	1	2	7	6	0
Monday	6	0	0	5	1	0
Tuesday	14	2	2	5	5	0
Wednesday	8	0	3	4	1	0
Thursday	14	0	2	8	4	0
Friday	7	1	3	3	0	0
Saturday	10	0	1	7	2	0

TABLE 3 Motorcycle Operator Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total MC Operators	89	100.0	74	100.0	79	100.0
Male	89	100.0	70	94.6	76	96.2
Female	0	0.0	3	4.1	3	3.8
Unknown	0	0.0	1	1.4	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	10	11.2	4	5.4	6	7.6
Ages 21-29	20	22.5	19	25.7	27	34.2
Ages 30-39	20	22.5	12	16.2	11	13.9
Ages 40-49	19	21.3	21	28.4	17	21.5
Ages 50-59	18	20.2	14	18.9	15	19.0
Ages 60 and Over	2	2.2	3	4.1	3	3.8
Unknown Age	0	0.0	1	1.4	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2006		2007		2008	
	#	%	#	%	#	%
Total MC Accidents	85		69		74	
Alcohol Involvement	5	5.9	0	0.0	2	2.7
Driver Inattention/Distracted	10	11.8	7	10.1	6	8.1
Driver Inexperience	9	10.6	7	10.1	10	13.5
Failure to Keep Right	3	3.5	0	0.0	3	4.1
Failure to Yield R.O.W.	14	16.5	12	17.4	12	16.2
Following Too Closely	3	3.5	10	14.5	8	10.8
Passing/Lane Violations	3	3.5	8	11.6	13	17.6
Traffic Control Disregarded	2	2.4	1	1.4	0	0.0
Turning Improperly	5	5.9	3	4.3	5	6.8
Unsafe Speed	17	20.0	7	10.1	18	24.3

Note: Many accidents have multiple factors reported. Caution is advised due to the small numbers.

**New York State Department of Motor Vehicles
Motorcycle Accidents**

Rockland County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2006		2007		2008	
	#	%	#	%	#	%
Age Group	84	100.0	69	100.0	75	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	2	2.4	0	0.0	0	0.0
Ages 16-17	0	0.0	1	1.4	0	0.0
Ages 18-20	9	10.7	2	2.9	7	9.3
Ages 21-29	18	21.4	18	26.1	26	34.7
Ages 30-39	17	20.2	11	15.9	10	13.3
Ages 40-49	19	22.6	22	31.9	17	22.7
Ages 50-59	16	19.0	12	17.4	12	16.0
Ages 60-69	2	2.4	2	2.9	3	4.0
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	1	1.2	1	1.4	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2006		2007		2008	
	#	%	#	%	#	%
Motorcyclists	79	100.0	67	100.0	74	100.0
No Helmet Used	3	3.8	4	6.0	11	14.9
Helmet Used	71	89.9	61	91.0	59	79.7
Unknown	5	6.3	2	3.0	4	5.4

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2004	4,510	1.8	8,885	1.5
2005	4,584	1.7	9,115	1.5
2006	4,766	1.6	8,948	1.5
2007	4,664	1.5	9,171	1.5
2008	4,844	1.5	9,351	1.5

SECTION 5

Ticket Data

ROCKLAND COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2006	2007	2008
TOTAL TICKETS ISSUED	80,450	80,445	78,590
SPEED (V&T 1180)	18,773	17,112	15,989
% of total tickets	23.3%	21.3%	20.3%
% convicted on same charge (of adjudicated cases)	30.0%	37.1%	35.0%
SAFETY RESTRAINTS (V&T 1229c)	8,678	7,964	6,881
% of total tickets	10.8%	9.9%	8.8%
% convicted on same charge (of adjudicated cases)	81.4%	77.9%	73.5%
IMPAIRED DRIVING (V&T 1192)	2,046	2,080	1,818
% of total tickets	2.5%	2.6%	2.3%
Persons Arrested for Impaired Driving	(N=1,212)	(N=1,255)	(N=1,078)
Case adjudicated	88.5%	86.1%	85.7%
Case pending	11.5%	13.9%	14.3%
Adjudicated Cases*	(N=1,072)	(N=1,081)	(N=924)
Convicted on original 1192 charge	46.9%	39.4%	30.4%
Convicted on other 1192 charge	42.8%	48.4%	56.4%
Convicted on non-1192 charge	2.1%	1.2%	2.4%
Dismissed/Acquitted/Convicted on charge associated with different event	8.2%	11.0%	10.8%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYS DMV TSLED ticket system.

ROCKLAND COUNTY

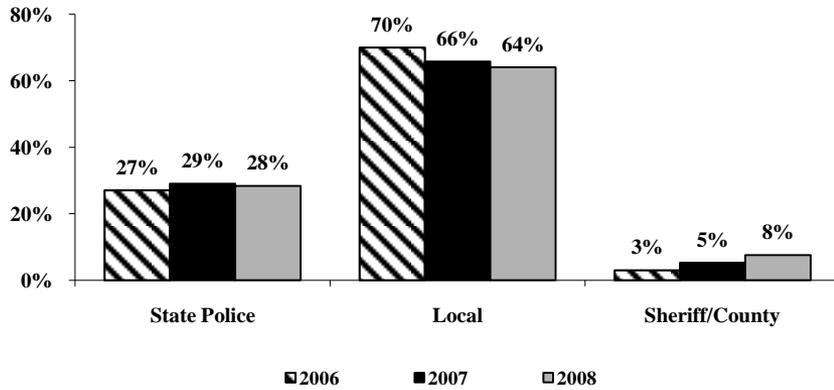
Probation Data for V&T 1192 and 511 Convictions

	2006	2007	2008
Number of Persons Sentenced to Probation	108	100	83
Number of Persons on Probation	320	340	359

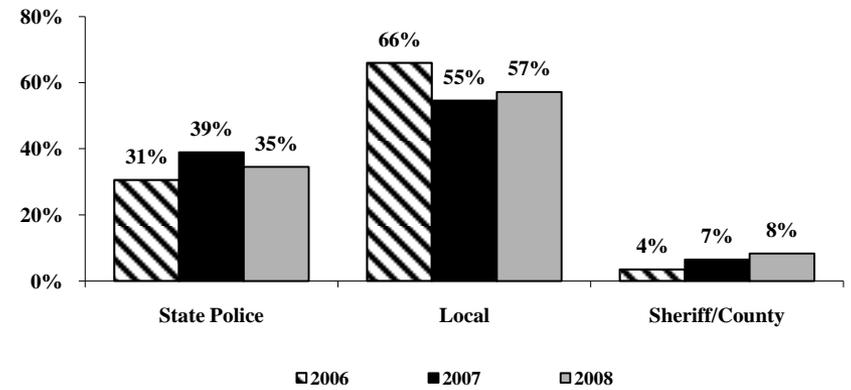
Source: NYS Division of Probation and Correctional Alternatives.

Rockland County Tickets Issued by TSLED Agencies By Agency Type

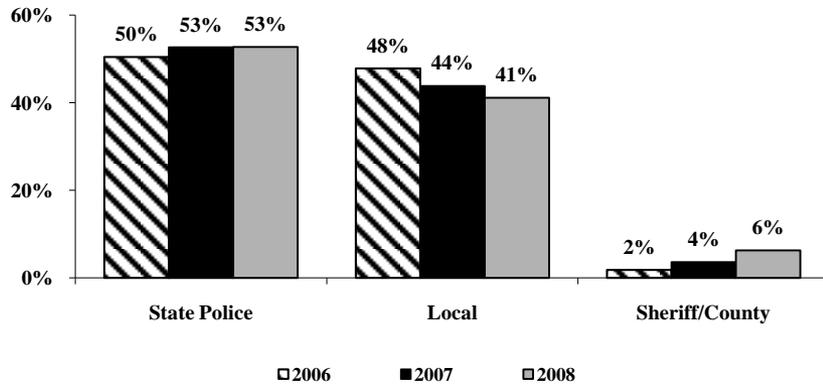
All Tickets



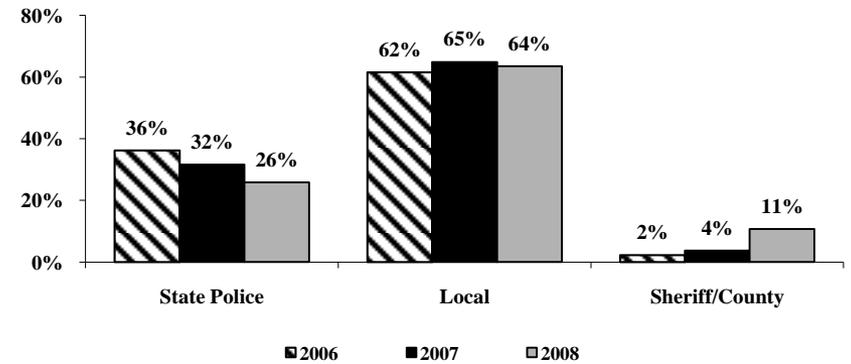
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ROCKLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2006			2007			2008		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Rockland Sheriff	alcohol	51	3.9	2.5	84	5.8	4.0	213	15.5	11.7
NCIC 04300	speed	335	3.6	1.8	610	7.5	3.6	1,000	13.2	6.3
	seatbelt	306	5.1	3.5	519	10.7	6.5	574	12.8	8.3
Haverstraw P.D.	alcohol	17	1.3	0.8	0	0.0	0.0	0	0.0	0.0
NCIC 04321	speed	3	<0.1	<0.1	0	0.0	0.0	0	0.0	0.0
	seatbelt	4	0.1	<0.1	0	0.0	0.0	0	0.0	0.0
Piermont P.D.	alcohol	14	1.1	0.7	9	0.6	0.4	9	0.7	0.5
NCIC 04325	speed	157	1.7	0.8	170	2.1	1.0	197	2.6	1.2
	seatbelt	165	2.7	1.9	128	2.6	1.6	161	3.6	2.3
S. Nyack/Grandview P.D.	alcohol	24	1.8	1.2	16	1.1	0.8	7	0.5	0.4
NCIC 04326	speed	266	2.9	1.4	181	2.2	1.1	214	2.8	1.3
	seatbelt	250	4.2	2.9	170	3.5	2.1	134	3.0	1.9
Spring Valley P.D.	alcohol	326	24.7	15.9	328	22.7	15.8	261	19.0	14.4
NCIC 04328	speed	363	3.9	1.9	319	3.9	1.9	264	3.5	1.7
	seatbelt	2,228	37.0	25.7	918	18.9	11.5	872	19.4	12.7
Suffern P.D.	alcohol	71	5.4	3.5	66	4.6	3.2	39	2.8	2.1
NCIC 04329	speed	761	8.2	4.1	513	6.3	3.0	500	6.6	3.1
	seatbelt	142	2.4	1.6	180	3.7	2.3	109	2.4	1.6
Town of Clarkstown P.D.	alcohol	130	9.8	6.4	147	10.2	7.1	128	9.3	7.0
NCIC 04350	speed	1,689	18.3	9.0	1,475	18.2	8.6	1,726	22.8	10.8
	seatbelt	733	12.2	8.4	829	17.1	10.4	991	22.1	14.4
Town of Haverstraw P.D.	alcohol	145	11.0	7.1	77	5.3	3.7	109	7.9	6.0
NCIC 04351	speed	132	1.4	0.7	111	1.4	0.6	96	1.3	0.6
	seatbelt	280	4.7	3.2	269	5.5	3.4	288	6.4	4.2
Orangetown P.D.	alcohol	74	5.6	3.6	115	7.9	5.5	100	7.3	5.5
NCIC 04352	speed	1,049	11.3	5.6	1,137	14.1	6.6	754	10.0	4.7
	seatbelt	693	11.5	8.0	671	13.8	8.4	462	10.3	6.7
Town of Ramapo P.D.	alcohol	307	23.2	15.0	323	22.3	15.5	282	20.5	15.5
NCIC 04353	speed	3,041	32.9	16.2	2,131	26.3	12.5	1,375	18.2	8.6
	seatbelt	685	11.4	7.9	719	14.8	9.0	622	13.8	9.0
Stony Point P.D.	alcohol	25	1.9	1.2	32	2.2	1.5	27	2.0	1.5
NCIC 04354	speed	579	6.3	3.1	721	8.9	4.2	543	7.2	3.4
	seatbelt	178	3.0	2.1	166	3.4	2.1	75	1.7	1.1
Park Police/Palisades Reg.	alcohol	137	10.4	6.7	251	17.3	12.1	201	14.6	11.1
NCIC 04390	speed	871	9.4	4.6	722	8.9	4.2	897	11.9	5.6
(All reported here before '03)	seatbelt	353	5.9	4.1	288	5.9	3.6	203	4.5	3.0

ROCKLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2006		2007		2008				
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Totals by Agency Type										
Sheriff and Local	alcohol	1,321		64.6	1,448		69.6	1,376		75.7
	speed	9,246		49.3	8,090		47.3	7,566		47.3
	seatbelt	6,017		69.3	4,857		61.0	4,491		65.3
State Police	alcohol	723		35.3	630		30.3	442		24.3
	speed	9,470		50.4	9,002		52.6	8,419		52.7
	seatbelt	2,648		30.5	3,100		38.9	2,373		34.5
Other incl. Psych. Center	alcohol	2		0.1	2		0.1	0		0.0
	speed	57		0.3	20		0.1	4		<0.1
	seatbelt	13		0.1	7		0.1	17		0.2
County Totals										
	alcohol	2,046			2,080			1,818		
	speed	18,773			17,112			15,989		
	seatbelt	8,678			7,964			6,881		

Source: NYS DMV

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