

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 2007-2009. Four summary reports provide detailed accident data for the three years 2007-2009. 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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	Oneida	Schenectady	Orange	Genesee
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	Oswego	Suffolk	Rockland	Monroe
	St. Lawrence	Westchester	Saratoga	Niagara
	Seneca		Sullivan	Ontario
	Wayne		Ulster	Orleans
			Washington	Otsego
				Schuyler
				Steuben
				Tioga
				Tompkins
				Wyoming
				Yates

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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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	6,523	323,106	2.0	6,182	316,231	2.0	6,275	314,974	2.0
Fatal Accidents	17	1,220	1.4	16	1,160	1.4	5	1,060	0.5
Non-Fatal Personal Injury Accidents	2,410	139,117	1.7	2,286	134,894	1.7	2,290	133,888	1.7
Reportable Property Damage Accidents	4,096	182,769	2.2	3,880	180,177	2.2	3,980	180,026	2.2
Manner of Collision									
Single Vehicle Accidents	1,798	103,286	1.7	1,670	104,790	1.6	1,746	101,080	1.7
Multiple Vehicle Accidents	4,725	219,820	2.1	4,512	211,441	2.1	4,529	213,894	2.1
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	119	15,701	0.8	125	15,620	0.8	158	15,682	1.0
Bicycle/Motor Vehicle Accidents	55	5,535	1.0	65	5,646	1.2	56	5,620	1.0
Motorcycle Accidents	73	5,426	1.3	75	5,396	1.4	68	5,150	1.3
Fatalities									
Persons Killed (1)	19	1,317	1.4	16	1,224	1.3	5	1,148	0.4
Drivers Killed	11	762	1.4	10	669	1.5	2	603	0.3
Passengers Killed	5	231	2.2	4	211	1.9	1	209	0.5
Pedestrians Killed	3	272	1.1	2	302	0.7	2	307	0.7
Bicyclists Killed	0	50	0.0	0	42	0.0	0	29	0.0
Other	0	2	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	3,291	194,255	1.7	3,154	187,160	1.7	3,197	186,034	1.7
Drivers Injured	2,273	119,314	1.9	2,167	114,393	1.9	2,153	112,855	1.9
Passengers Injured	833	53,261	1.6	789	51,120	1.5	823	51,499	1.6
Pedestrians Injured	119	15,472	0.8	127	15,317	0.8	159	15,321	1.0
Bicyclists Injured	56	5,373	1.0	63	5,422	1.2	54	5,405	1.0
Other	10	835	1.2	8	908	0.9	8	954	0.8

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

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			
	2007	2008	2009
Crash Rates			
Crash Rate per 10,000 Population	220.01	207.07	209.05
Crash Rate per 10,000 Licensed Drivers	313.74	300.79	304.79
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	111.64	106.18	106.67
Fatality & Injury Rate per 10,000 Licensed Drivers	159.20	154.24	155.53

TABLE 2 Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	6,275	461	1,651	2,671	1,342	150
Sunday	838	107	191	354	168	18
Monday	866	45	256	385	162	18
Tuesday	897	48	261	402	161	25
Wednesday	926	53	270	397	187	19
Thursday	965	44	286	389	220	26
Friday	1,030	54	256	465	228	27
Saturday	753	110	131	279	216	17

TABLE 3(P) Police Investigating Agency						
	2007		2008		2009	
	#	%	#	%	#	%
Total	5,727	100.0	5,607	100.0	5,683	100.0
State Police	1,545	27.0	1,317	23.5	1,307	23.0
County Police	90	1.6	78	1.4	78	1.4
New York City (NYPD)	0	0.0	0	0.0	1	<0.1
Municipal Police (non-NYC)	4,092	71.5	4,211	75.1	4,297	75.6
Unknown	0	0.0	1	<0.1	0	0.0

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

TABLE 4 Jurisdictional Road System						
	2007		2008		2009	
	#	%	#	%	#	%
Total	6,523	100.0				
State Routes	2,113	32.4	Data are not available.		Data are not available.	
County Routes	905	13.9				
Town Routes	889	13.6				
Municipal Routes	599	9.2				
Parkways	332	5.1				
Thruway	1,073	16.4				
Other Interstates	2	0.0				
Unknown	610	9.4				

TABLE 5 Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	11,464	100.0	10,796	100.0	10,819	100.0
Male	6,516	56.8	6,237	57.8	6,158	56.9
Female	4,485	39.1	4,157	38.5	4,217	39.0
Unknown	463	4.0	402	3.7	444	4.1
Under Age 16	3	<0.1	1	<0.1	1	<0.1
Ages 16-20	1,362	11.9	1,213	11.2	1,243	11.5
Ages 21-29	2,121	18.5	2,073	19.2	2,105	19.5
Ages 30-39	2,004	17.5	1,814	16.8	1,773	16.4
Ages 40-49	2,242	19.6	2,053	19.0	1,983	18.3
Ages 50-59	1,634	14.3	1,630	15.1	1,593	14.7
Ages 60-69	943	8.2	974	9.0	949	8.8
Ages 70 and Over	649	5.7	619	5.7	715	6.6
Unknown Age	506	4.4	419	3.9	457	4.2

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

TABLE 6(P) Select Accident Contributing Factors

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	5,727		5,607		5,683	
Alcohol Involvement*	165	2.9	151	2.7	140	2.5
Backing Unsafely	135	2.4	175	3.1	244	4.3
Driver Inattention/Distraction	936	16.3	1,127	20.1	1,197	21.1
Driver Inexperience	119	2.1	141	2.5	156	2.7
Failure to Keep Right	99	1.7	105	1.9	91	1.6
Failure to Yield R.O.W.	825	14.4	765	13.6	803	14.1
Following Too Closely	1,237	21.6	1,139	20.3	1,131	19.9
Passing/Lane Violations	602	10.5	597	10.6	535	9.4
Traffic Control Disregarded	197	3.4	187	3.3	173	3.0
Turning Improperly	235	4.1	245	4.4	263	4.6
Unsafe Speed*	621	10.8	602	10.7	593	10.4

* 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.

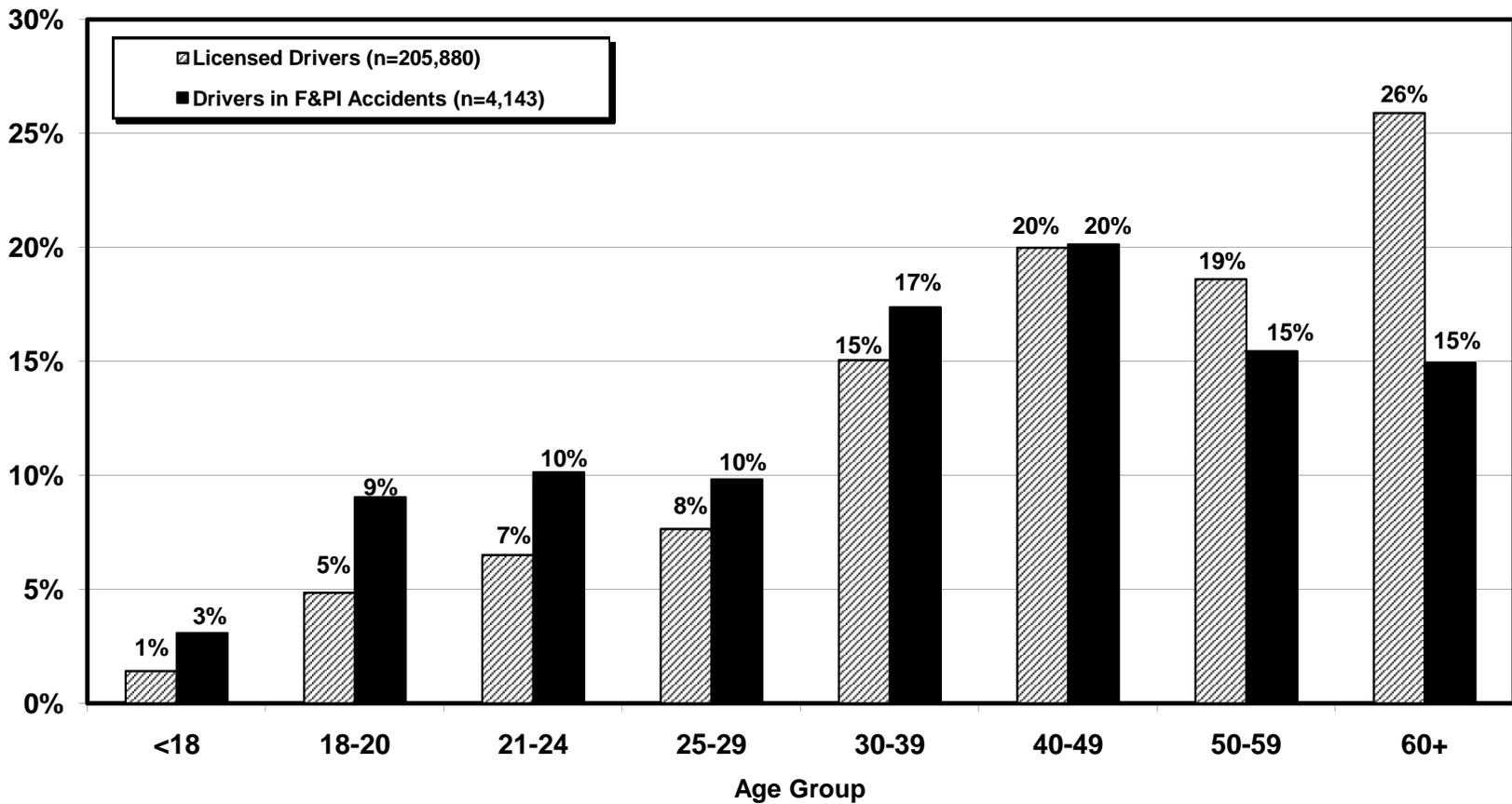
TABLE 7 Persons Killed or Injured by Age Group: 2008-2009

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	3,170	100.0	192	3,202	100.0	215
Under Age 4	34	1.1	2	24	0.7	5
Ages 4-6	35	1.1	7	39	1.2	7
Ages 7-15	139	4.4	31	138	4.3	44
Ages 16-17	135	4.3	9	116	3.6	7
Ages 18-20	235	7.4	9	290	9.1	16
Ages 21-29	604	19.1	29	615	19.2	26
Ages 30-39	461	14.5	21	477	14.9	31
Ages 40-49	572	18.0	30	545	17.0	19
Ages 50-59	469	14.8	29	431	13.5	23
Ages 60-69	262	8.3	11	272	8.5	20
Ages 70 and Over	182	5.7	11	210	6.6	12
Unknown Age	42	1.3	3	45	1.4	5

TABLE 8(P) Reported Safety Equipment Use

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	2,939	100.0	2,813	100.0	2,841	100.0
No Restraint Used	186	6.3	164	5.8	168	5.9
Restraint Used	2,648	90.1	2,539	90.3	2,588	91.1
Unknown	105	3.6	110	3.9	85	3.0
Motorcyclists	67	100.0	74	100.0	64	100.0
No Helmet Used	4	6.0	11	14.9	7	10.9
Helmet Used	61	91.0	59	79.7	52	81.3
Unknown	2	3.0	4	5.4	5	7.8
Bicyclists	54	100.0	60	100.0	54	100.0
No Helmet Used	12	22.2	12	20.0	18	33.3
Helmet Used	17	31.5	32	53.3	26	48.1
Unknown	25	46.3	16	26.7	10	18.5

FIGURE 1
Rockland County 2009
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. 95 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	2007			2008			2009			
						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	777	2.2	1,058	679	1.9	940	686	2.0	995	
Haverstraw	12,610	4.3	54.7	4.6	230.5	91	1.7	138	101	1.8	131	98	1.8	126	
Orangetown	35,896	12.2	196.7	16.7	182.5	263	1.3	356	263	1.3	357	259	1.3	371	
Ramapo	44,712	15.2	179.9	15.3	248.5	407	2.3	559	346	1.9	483	367	2.0	515	
Stony Point	14,964	5.1	85.2	7.2	175.6	116	1.4	146	116	1.4	156	108	1.3	147	
Villages															
Airmont	included in Town of Ramapo														
Chestnut Ridge	7,891	2.7	45.7	3.9	172.7	81	1.8	111	65	1.4	97	63	1.4	90	
Grand View-on-Hudson	288	0.1	1.8	0.2	160.0	11	6.1	16	6	3.3	7	6	3.3	7	
Haverstraw	10,136	3.5	17.8	1.5	569.4	72	4.0	89	63	3.5	87	69	3.9	98	
Hillburn	887	0.3	9.7	0.8	91.4	12	1.2	16	18	1.9	29	18	1.9	27	
Kaser	included in Town of Ramapo														
Montebello	3,707	1.3	19.3	1.6	192.1	48	2.5	64	32	1.7	49	38	2.0	56	
New Hempstead	4,790	1.6	25.0	2.1	191.6	26	1.0	38	29	1.2	43	29	1.2	46	
New Square	5,920	2.0	3.3	0.3	1793.9	8	2.4	8	2	0.6	2	4	1.2	4	
Nyack	6,734	2.3	14.9	1.3	451.9	65	4.4	88	67	4.5	84	54	3.6	60	
Piermont	2,617	0.9	8.0	0.7	327.1	19	2.4	23	11	1.4	16	15	1.9	16	
Pomona	2,915	1.0	14.9	1.3	195.6	8	0.5	19	4	0.3	4	6	0.4	6	
Sloatsburg	3,118	1.1	16.0	1.4	194.9	35	2.2	44	31	1.9	50	24	1.5	32	
South Nyack	3,465	1.2	11.6	1.0	298.7	37	3.2	59	45	3.9	65	43	3.7	74	
Spring Valley	25,542	8.7	34.2	2.9	746.8	178	5.2	251	212	6.2	282	196	5.7	252	
Suffern	10,984	3.7	25.1	2.1	437.6	48	1.9	57	54	2.2	71	47	1.9	61	
Upper Nyack	1,888	0.6	11.3	1.0	167.1	7	0.6	8	9	0.8	14	8	0.7	8	
Westley Hills	5,064	1.7	29.5	2.5	171.7	22	0.7	28	17	0.6	23	13	0.4	18	
West Haverstraw	10,314	3.5	23.4	2.0	440.8	57	2.4	80	47	2.0	65	55	2.4	80	
Other															
unknown	na	na	na	na	na	39	na	54	85	na	115	89	na	113	
Rockland															
County Total	293,626		1179.0		249.0	2,427	2.1	3,310	2,302	2.0	3,170	2,295	1.9	3,202	
New York State	19,227,088		113342.8		169.6	140,337	1.2	195,572	136,054	1.2	188,384	134,948	1.2	187,182	

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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	170	9,480	1.8	157	9,202	1.7	145	8,873	1.6
Fatal Accidents	4	344	1.2	5	355	1.4	3	329	0.9
Non-Fatal Personal Injury Accidents	91	4,991	1.8	71	4,775	1.5	72	4,676	1.5
Reportable Property Damage Accidents	75	4,145	1.8	81	4,072	2.0	70	3,868	1.8
Manner of Collision									
Single Vehicle Accidents	83	5,138	1.6	75	5,033	1.5	78	4,843	1.6
Multiple Vehicle Accidents	87	4,342	2.0	82	4,169	2.0	67	4,030	1.7
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	6	403	1.5	0	428	0.0	7	432	1.6
A-R Bicycle/Motor Vehicle Accidents	2	97	2.1	1	106	0.9	0	118	0.0
A-R Motorcycle Accidents	0	217	0.0	3	220	1.4	2	191	1.0
Fatalities									
Persons Killed (1)	5	373	1.3	5	381	1.3	3	361	0.8
Drivers Killed	1	239	0.4	3	212	1.4	1	198	0.5
<i>Drinking Drivers</i>	1	215	0.5	3	192	1.6	1	175	0.6
<i>Non-Drinking Drivers</i>	0	24	0.0	0	20	0.0	0	23	0.0
Passengers Killed	3	65	4.6	2	77	2.6	1	64	1.6
Pedestrians Killed	1	62	1.6	0	82	0.0	1	91	1.1
Bicyclists Killed	0	7	0.0	0	10	0.0	0	8	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	127	7,175	1.8	103	6,886	1.5	104	6,810	1.5
Drivers Injured	84	4,593	1.8	80	4,396	1.8	71	4,321	1.6
Passengers Injured	36	2,072	1.7	21	1,979	1.1	28	1,959	1.4
Pedestrians Injured	5	362	1.4	0	360	0.0	5	369	1.4
Bicyclists Injured	2	90	2.2	1	94	1.1	0	107	0.0
Other	0	58	0.0	1	57	1.8	0	54	0.0

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

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: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	145	60	19	12	53	1
Sunday	40	19	4	4	13	0
Monday	13	3	4	3	3	0
Tuesday	8	3	0	1	4	0
Wednesday	7	1	1	1	4	0
Thursday	18	5	2	2	9	0
Friday	22	8	1	0	12	1
Saturday	37	21	7	1	8	0

TABLE 3(P) Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	238	100.0	223	100.0	192	100.0
Male	174	73.1	174	78.0	143	74.5
<i>Drinking Drivers</i>	132	55.5	130	58.3	109	56.8
<i>Non-Drinking Drivers</i>	42	17.6	44	19.7	34	17.7
Female	57	23.9	43	19.3	41	21.4
<i>Drinking Drivers</i>	29	12.2	25	11.2	28	14.6
<i>Non-Drinking Drivers</i>	28	11.8	18	8.1	13	6.8
Unknown	7	2.9	6	2.7	8	4.2
<i>Drinking Drivers</i>	1	0.4	1	0.4	1	0.5
<i>Non-Drinking Drivers</i>	6	2.5	5	2.2	7	3.6
Drinking Drivers	162	100.0	156	100.0	138	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	21	13.0	12	7.7	15	10.9
Ages 21-29	61	37.7	65	41.7	46	33.3
Ages 30-39	35	21.6	36	23.1	33	23.9
Ages 40-49	25	15.4	24	15.4	29	21.0
Ages 50-59	16	9.9	10	6.4	7	5.1
Age 60 and Over	3	1.9	8	5.1	7	5.1
Unknown Age	1	0.6	1	0.6	1	0.7
Non-Drinking Drivers	76	100.0	67	100.0	54	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	6	7.9	5	7.5	4	7.4
Ages 21-29	21	27.6	9	13.4	10	18.5
Ages 30-39	16	21.1	13	19.4	8	14.8
Ages 40-49	16	21.1	20	29.9	8	14.8
Ages 50-59	7	9.2	8	11.9	13	24.1
Age 60 and Over	3	3.9	7	10.4	4	7.4
Unknown Age	7	9.2	5	7.5	7	13.0

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

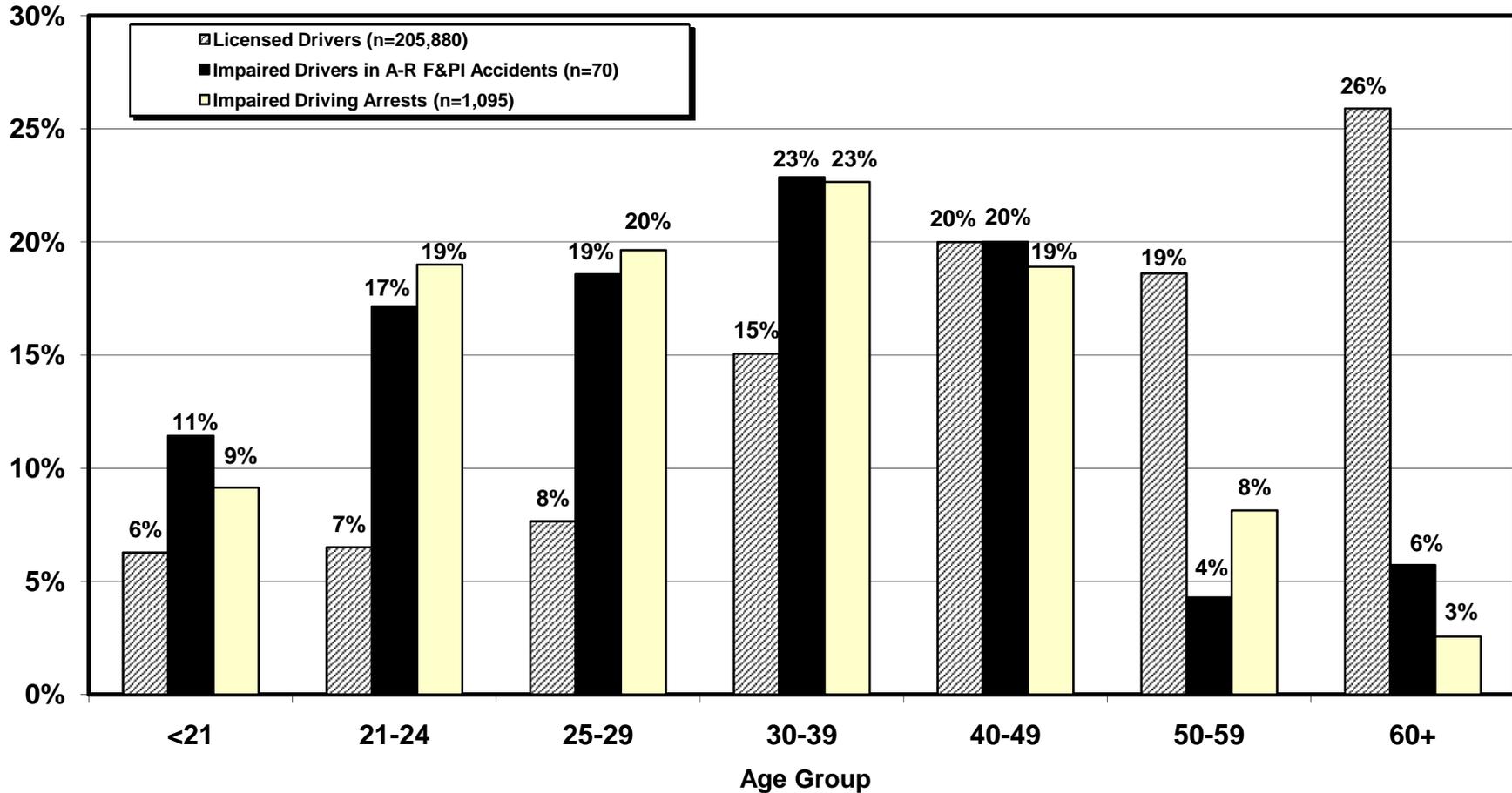
	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	170		157		145	
Driver Inattention/Distraction	15	8.8	10	6.4	10	6.9
Failure to Keep Right	8	4.7	2	1.3	9	6.2
Failure to Yield R.O.W.	9	5.3	9	5.7	7	4.8
Fell Asleep	9	5.3	2	1.3	1	0.7
Following Too Closely	14	8.2	6	3.8	9	6.2
Passing/Lane Violations	20	11.8	23	14.6	17	11.7
Traffic Control Disregarded	6	3.5	7	4.5	5	3.4
Unsafe Speed	33	19.4	39	24.8	39	26.9

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	108	100.0	1	107	100.0	6
Under Age 4	1	0.9	0	3	2.8	0
Ages 4-6	0	0.0	0	1	0.9	0
Ages 7-15	2	1.9	0	3	2.8	1
Ages 16-17	1	0.9	0	2	1.9	0
Ages 18-20	6	5.6	0	8	7.5	0
Ages 21-29	43	39.8	1	38	35.5	0
Ages 30-39	20	18.5	0	18	16.8	3
Ages 40-49	21	19.4	0	11	10.3	0
Ages 50-59	10	9.3	0	14	13.1	1
Ages 60-69	2	1.9	0	5	4.7	0
Ages 70 and Over	1	0.9	0	3	2.8	1
Unknown Age	1	0.9	0	1	0.9	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	124	100.0	102	100.0	99	100.0
No Restraint Used	35	28.2	15	14.7	11	11.1
Restraint Used	83	66.9	75	73.5	78	78.8
Unknown	6	4.8	12	11.8	10	10.1
Motorcyclists	0	0.0	4	100.0	2	100.0
No Helmet Used	0	0.0	1	25.0	1	50.0
Helmet Used	0	0.0	3	75.0	1	50.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	2	100.0	1	100.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	2	100.0	1	100.0	0	0.0

FIGURE 1
Rockland County 2009
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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	638	31,729	2.0	614	32,234	1.9	609	28,877	2.1
Fatal Accidents	5	369	1.4	7	379	1.8	2	314	0.6
Non-Fatal Personal Injury Accidents	262	14,405	1.8	270	14,207	1.9	263	13,202	2.0
Reportable Property Damage Accidents	371	16,955	2.2	337	17,648	1.9	344	15,361	2.2
Manner of Collision									
Single Vehicle Accidents	345	19,143	1.8	321	20,115	1.6	368	17,351	2.1
Multiple Vehicle Accidents	293	12,586	2.3	293	12,119	2.4	241	11,526	2.1
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	2	382	0.5	1	369	0.3	4	382	1.0
S-R Bicycle/Motor Vehicle Accidents	2	91	2.2	3	93	3.2	2	121	1.7
S-R Motorcycle Accidents	7	857	0.8	19	854	2.2	18	755	2.4
Fatalities									
Persons Killed (1)	6	406	1.5	7	412	1.7	2	357	0.6
Drivers Killed	3	277	1.1	5	293	1.7	2	237	0.8
<i>Speeding Drivers</i>	2	249	0.8	4	271	1.5	2	211	0.9
<i>Non-Speeding Drivers</i>	1	28	3.6	1	22	4.5	0	26	0.0
Passengers Killed	3	104	2.9	2	90	2.2	0	87	0.0
Pedestrians Killed	0	24	0.0	0	29	0.0	0	31	0.0
Bicyclists Killed	0	1	0.0	0	0	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	387	21,137	1.8	400	20,595	1.9	408	19,326	2.1
Drivers Injured	268	14,151	1.9	281	13,818	2.0	264	12,890	2.0
Passengers Injured	113	6,427	1.8	115	6,235	1.8	134	5,853	2.3
Pedestrians Injured	2	383	0.5	1	364	0.3	5	386	1.3
Bicyclists Injured	2	90	2.2	3	90	3.3	2	121	1.7
Other	2	86	2.3	0	88	0.0	3	76	3.9

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

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**

	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	609	106	173	198	131	1
Sunday	105	26	27	31	21	0
Monday	72	9	27	25	10	1
Tuesday	86	13	22	28	23	0
Wednesday	89	6	33	38	12	0
Thursday	73	9	30	20	14	0
Friday	80	12	20	24	24	0
Saturday	104	31	14	32	27	0

	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	994	100.0	957	100.0	883	100.0
Male	673	67.7	638	66.7	565	64.0
<i>Speeding Drivers</i>	456	45.9	441	46.1	413	46.8
<i>Non-Speeding Drivers</i>	217	21.8	197	20.6	152	17.2
Female	290	29.2	291	30.4	289	32.7
<i>Speeding Drivers</i>	167	16.8	161	16.8	182	20.6
<i>Non-Speeding Drivers</i>	123	12.4	130	13.6	107	12.1
Unknown	31	3.1	28	2.9	29	3.3
<i>Speeding Drivers</i>	20	2.0	13	1.4	14	1.6
<i>Non-Speeding Drivers</i>	11	1.1	15	1.6	15	1.7
Speeding Drivers	643	100.0	615	100.0	609	100.0
Under Age 16	1	0.2	0	0.0	0	0.0
Ages 16-20	146	22.7	121	19.7	110	18.1
Ages 21-29	184	28.6	190	30.9	198	32.5
Ages 30-39	106	16.5	99	16.1	108	17.7
Ages 40-49	81	12.6	87	14.1	77	12.6
Ages 50-59	70	10.9	61	9.9	52	8.5
Age 60 and Over	35	5.4	43	7.0	50	8.2
Unknown Age	20	3.1	14	2.3	14	2.3
Non-Speeding Drivers	351	100.0	342	100.0	274	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	32	9.1	22	6.4	21	7.7
Ages 21-29	50	14.2	58	17.0	39	14.2
Ages 30-39	74	21.1	72	21.1	54	19.7
Ages 40-49	77	21.9	83	24.3	56	20.4
Ages 50-59	65	18.5	49	14.3	50	18.2
Age 60 and Over	39	11.1	43	12.6	39	14.2
Unknown Age	14	4.0	15	4.4	15	5.5

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

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	638		614		609	
Alcohol Involvement	45	7.1	41	6.7	40	6.6
Driver Inattention/Distraction	26	4.1	25	4.1	36	5.9
Driver Inexperience	13	2.0	19	3.1	17	2.8
Failure to Keep Right	7	1.1	13	2.1	10	1.6
Failure to Yield R.O.W.	25	3.9	23	3.7	17	2.8
Following Too Closely	81	12.7	83	13.5	65	10.7
Passing/Lane Violations	50	7.8	48	7.8	57	9.4
Traffic Control Disregarded	9	1.4	9	1.5	9	1.5

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	407	100.0	4	410	100.0	7
Under Age 4	3	0.7	0	4	1.0	0
Ages 4-6	5	1.2	0	5	1.2	0
Ages 7-15	14	3.4	0	16	3.9	0
Ages 16-17	34	8.4	0	22	5.4	0
Ages 18-20	48	11.8	1	59	14.4	1
Ages 21-29	101	24.8	1	105	25.6	2
Ages 30-39	63	15.5	0	58	14.1	1
Ages 40-49	63	15.5	1	55	13.4	2
Ages 50-59	41	10.1	0	43	10.5	1
Ages 60-69	24	5.9	0	27	6.6	0
Ages 70 and Over	9	2.2	1	14	3.4	0
Unknown Age	2	0.5	0	2	0.5	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	379	100.0	383	100.0	382	100.0
No Restraint Used	47	12.4	37	9.7	43	11.3
Restraint Used	320	84.4	331	86.4	321	84.0
Unknown	12	3.2	15	3.9	18	4.7
Motorcyclists	8	100.0	20	100.0	18	100.0
No Helmet Used	0	0.0	3	15.0	2	11.1
Helmet Used	8	100.0	16	80.0	16	88.9
Unknown	0	0.0	1	5.0	0	0.0
Bicyclists	2	100.0	3	100.0	2	100.0
No Helmet Used	1	50.0	0	0.0	0	0.0
Helmet Used	0	0.0	2	66.7	2	100.0
Unknown	1	50.0	1	33.3	0	0.0

SECTION 4

Motorcycle Accident Summary Report

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

Rockland County

TABLE 1 Accident Summary Totals

Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	73	5,426	1.3	75	5,396	1.4	68	5,150	1.3
Fatal Accidents	3	164	1.8	3	184	1.6	1	152	0.7
Non-Fatal Personal Injury Accidents	65	4,727	1.4	68	4,593	1.5	60	4,347	1.4
Reportable Property Damage Accidents	5	535	0.9	4	619	0.6	7	651	1.1
Manner of Collision									
Single Motorcycle Accidents	33	2,318	1.4	31	2,392	1.3	35	2,270	1.5
Multiple Vehicle Accidents	40	3,108	1.3	44	3,004	1.5	33	2,880	1.1
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	74	0.0	1	84	1.2	0	63	0.0
Motorcycle/Bicycle Accidents	0	19	0.0	0	29	0.0	1	28	3.6
Fatalities									
Persons Killed (1)	3	172	1.7	3	188	1.6	1	155	0.6
Drivers Killed	3	162	1.9	3	175	1.7	1	146	0.7
<i>Motorcycle Operators</i>	3	162	1.9	3	175	1.7	1	146	0.7
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	0	0.0	0	0	0.0
Passengers Killed	0	9	0.0	0	8	0.0	0	5	0.0
<i>Motorcycle Passengers</i>	0	9	0.0	0	7	0.0	0	5	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	1	0.0	0	4	0.0	0	3	0.0
Bicyclists Killed	0	0	0.0	0	1	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)	72	5,503	1.3	80	5,290	1.5	72	5,042	1.4
Drivers Injured	67	4,830	1.4	75	4,674	1.6	66	4,444	1.5
Passengers Injured	5	579	0.9	4	493	0.8	5	505	1.0
Pedestrians Injured	0	71	0.0	1	81	1.2	0	61	0.0
Bicyclists Injured	0	15	0.0	0	28	0.0	1	24	4.2
Other	0	8	0.0	0	14	0.0	0	8	0.0

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

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: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	68	4	12	29	21	2
Sunday	23	0	5	10	8	0
Monday	7	1	1	3	2	0
Tuesday	6	1	0	1	4	0
Wednesday	10	1	2	4	3	0
Thursday	6	0	0	3	2	1
Friday	3	0	1	0	1	1
Saturday	13	1	3	8	1	0

TABLE 3 Motorcycle Operator Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total MC Operators	74	100.0	79	100.0	70	100.0
Male	70	94.6	76	96.2	64	91.4
Female	3	4.1	3	3.8	6	8.6
Unknown	1	1.4	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	4	5.4	6	7.6	5	7.1
Ages 21-29	19	25.7	27	34.2	30	42.9
Ages 30-39	12	16.2	11	13.9	9	12.9
Ages 40-49	21	28.4	17	21.5	15	21.4
Ages 50-59	14	18.9	15	19.0	10	14.3
Ages 60 and Over	3	4.1	3	3.8	1	1.4
Unknown Age	1	1.4	0	0.0	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2007		2008		2009	
	#	%	#	%	#	%
Total MC Accidents	69		74		64	
Alcohol Involvement	0	0.0	2	2.7	1	1.6
Driver Inattention/Distraction	7	10.1	6	8.1	3	4.7
Driver Inexperience	7	10.1	10	13.5	5	7.8
Failure to Keep Right	0	0.0	3	4.1	1	1.6
Failure to Yield R.O.W.	12	17.4	12	16.2	11	17.2
Following Too Closely	10	14.5	8	10.8	4	6.3
Passing/Lane Violations	8	11.6	13	17.6	8	12.5
Traffic Control Disregarded	1	1.4	0	0.0	2	3.1
Turning Improperly	3	4.3	5	6.8	5	7.8
Unsafe Speed	7	10.1	18	24.3	18	28.1

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						
	2007		2008		2009	
	#	%	#	%	#	%
Age Group	69	100.0	75	100.0	66	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	0	0.0	0	0.0	0	0.0
Ages 16-17	1	1.4	0	0.0	1	1.5
Ages 18-20	2	2.9	7	9.3	5	7.6
Ages 21-29	18	26.1	26	34.7	27	40.9
Ages 30-39	11	15.9	10	13.3	9	13.6
Ages 40-49	22	31.9	17	22.7	13	19.7
Ages 50-59	12	17.4	12	16.0	10	15.2
Ages 60-69	2	2.9	3	4.0	1	1.5
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	1	1.4	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2007		2008		2009	
	#	%	#	%	#	%
Motorcyclists	67	100.0	74	100.0	64	100.0
No Helmet Used	4	6.0	11	14.9	7	10.9
Helmet Used	61	91.0	59	79.7	52	81.3
Unknown	2	3.0	4	5.4	5	7.8

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
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
2009	4,926	1.5	9,564	1.5

SECTION 5

Ticket Data

ROCKLAND COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2007	2008	2009
TOTAL TICKETS ISSUED	80,445	78,590	79,659
SPEED (V&T 1180)	17,112	15,989	15,834
% of total tickets	21.3%	20.3%	19.9%
% convicted on same charge (of adjudicated cases)	37.1%	35.0%	28.6%
SAFETY RESTRAINTS (V&T 1229c)	7,964	6,881	7,728
% of total tickets	9.9%	8.8%	9.7%
% convicted on same charge (of adjudicated cases)	77.9%	73.5%	66.5%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	1,080	1,218	1,700
IMPAIRED DRIVING (V&T 1192)	2,080	1,818	1,856
% of total tickets	2.6%	2.3%	2.3%
Persons Arrested for Impaired Driving	(N=1,255)	(N=1,078)	(N=1,095)
Case adjudicated	86.1%	85.7%	83.3%
Case pending	13.9%	14.3%	16.7%
Adjudicated Cases*	(N=1,081)	(N=924)	(N=912)
Convicted on original 1192 charge	39.4%	30.4%	35.4%
Convicted on other 1192 charge	48.4%	56.4%	52.5%
Convicted on non-1192 charge	1.2%	2.4%	1.6%
Dismissed/Acquitted/Convicted on charge associated with different event	11.0%	10.8%	10.4%
* 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

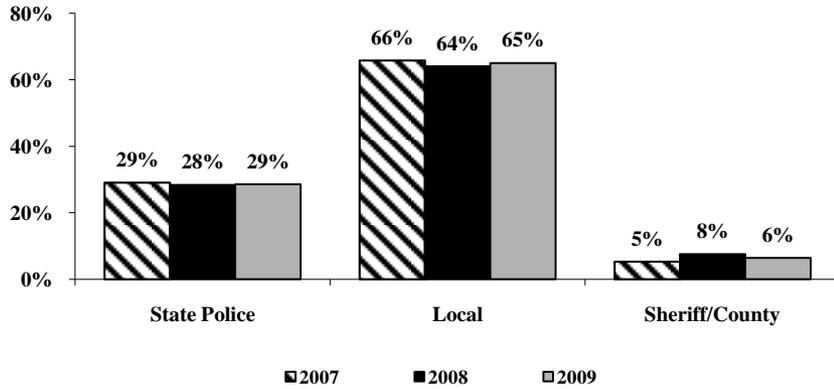
Probation Data for V&T 1192 and 511 Convictions

	2007	2008	2009
Number of Persons Sentenced to Probation	100	83	91
Number of Persons on Probation	340	359	347

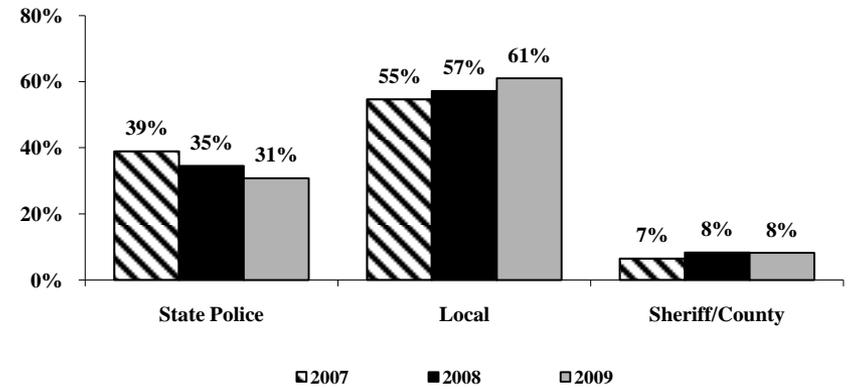
Source: NYS Division of Probation and Correctional Alternatives.

Rockland County Tickets Issued by TSLED Agencies By Agency Type

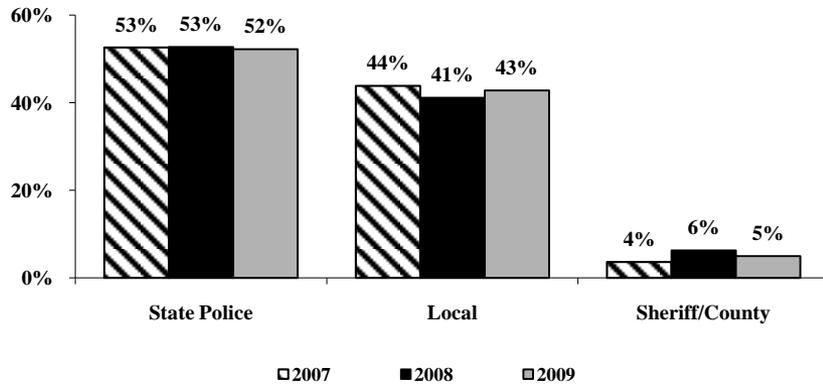
All Tickets



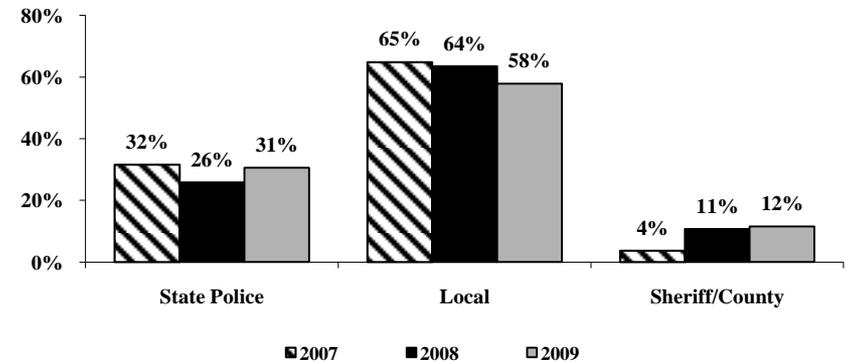
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ROCKLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2007			2008			2009		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Rockland Sheriff	alcohol	84	5.8	4.0	213	15.5	11.7	241	18.1	13.0
NCIC 04300	speed	610	7.5	3.6	1,000	13.2	6.3	794	10.5	5.0
	seatbelt	519	10.7	6.5	574	12.8	8.3	633	11.8	8.2
Piermont P.D.	alcohol	9	0.6	0.4	9	0.7	0.5	10	0.7	0.5
NCIC 04325	speed	170	2.1	1.0	197	2.6	1.2	142	1.9	0.9
	seatbelt	128	2.6	1.6	161	3.6	2.3	80	1.5	1.0
S. Nyack/Grandview P.D.	alcohol	16	1.1	0.8	7	0.5	0.4	12	0.9	0.6
NCIC 04326	speed	181	2.2	1.1	214	2.8	1.3	204	2.7	1.3
	seatbelt	170	3.5	2.1	134	3.0	1.9	203	3.8	2.6
Spring Valley P.D.	alcohol	328	22.7	15.8	261	19.0	14.4	238	17.8	12.8
NCIC 04328	speed	319	3.9	1.9	264	3.5	1.7	293	3.9	1.9
	seatbelt	918	18.9	11.5	872	19.4	12.7	1,048	19.6	13.6
Suffern P.D.	alcohol	66	4.6	3.2	39	2.8	2.1	40	3.0	2.2
NCIC 04329	speed	513	6.3	3.0	500	6.6	3.1	324	4.3	2.0
	seatbelt	180	3.7	2.3	109	2.4	1.6	156	2.9	2.0
Town of Clarkstown P.D.	alcohol	147	10.2	7.1	128	9.3	7.0	161	12.1	8.7
NCIC 04350	speed	1,475	18.2	8.6	1,726	22.8	10.8	2,171	28.7	13.7
	seatbelt	829	17.1	10.4	991	22.1	14.4	1,125	21.1	14.6
Town of Haverstraw P.D.	alcohol	77	5.3	3.7	109	7.9	6.0	119	8.9	6.4
NCIC 04351	speed	111	1.4	0.6	96	1.3	0.6	113	1.5	0.7
	seatbelt	269	5.5	3.4	288	6.4	4.2	360	6.7	4.7
Orangetown P.D.	alcohol	115	7.9	5.5	100	7.3	5.5	70	5.2	3.8
NCIC 04352	speed	1,137	14.1	6.6	754	10.0	4.7	848	11.2	5.4
	seatbelt	671	13.8	8.4	462	10.3	6.7	488	9.1	6.3
Town of Ramapo P.D.	alcohol	323	22.3	15.5	282	20.5	15.5	255	19.1	13.7
NCIC 04353	speed	2,131	26.3	12.5	1,375	18.2	8.6	1,535	20.3	9.7
	seatbelt	719	14.8	9.0	622	13.8	9.0	787	14.7	10.2
Stony Point P.D.	alcohol	32	2.2	1.5	27	2.0	1.5	39	2.9	2.1
NCIC 04354	speed	721	8.9	4.2	543	7.2	3.4	485	6.4	3.1
	seatbelt	166	3.4	2.1	75	1.7	1.1	191	3.6	2.5
Park Police/Palisades Reg.	alcohol	251	17.3	12.1	201	14.6	11.1	150	11.2	8.1
NCIC 04390	speed	722	8.9	4.2	897	11.9	5.6	654	8.6	4.1
	seatbelt	288	5.9	3.6	203	4.5	3.0	273	5.1	3.5

ROCKLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2007		2008		2009	
		#	% of Shf/Local Co. Total	#	% of Shf/Local Co. Total	#	% of Shf/Local Co. Total
Totals by Agency Type							
Sheriff and Local	alcohol	1,448	69.6	1,376	75.7	1,335	71.9
	speed	8,090	47.3	7,566	47.3	7,563	47.8
	seatbelt	4,857	61.0	4,491	65.3	5,344	69.2
State Police	alcohol	630	30.3	442	24.3	521	28.1
	speed	9,002	52.6	8,419	52.7	8,270	52.2
	seatbelt	3,100	38.9	2,373	34.5	2,379	30.8
Other <i>incl. Psych. Center</i>	alcohol	2	0.1	0	0.0	0	0.0
	speed	20	0.1	4	<0.1	1	<0.1
	seatbelt	7	0.1	17	0.2	5	0.1
County Totals							
	alcohol	2,080		1,818		1,856	
	speed	17,112		15,989		15,834	
	seatbelt	7,964		6,881		7,728	

Source: NYS DMV

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