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TRANSPORTATION

SAFETY

REPORT



This New York Metropolitan Transportation Council report was compiled and written by **Salvatore Mamone**, Transportation Analyst, under the supervision of **Leokadia Glogowski**, Senior Transportation Analyst. Preparation was funded by the Federal Highway and Federal Transit Administrations of the United States Department of Transportation, and the New York State Department of Transportation. The contents of this report reflect the views of the author who is responsible for the fact and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the Federal Highway and Transit administrators or the State of New York. This report does not constitute a standard, specification, or regulation.

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NYMTC appreciates the cooperation of all the agencies that have provided information for the **2005 Transportation Safety Report**. Through their submissions, this report continues to be a useful source of transportation statistical information on the NYMTC region and environs.

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NEW YORK METROPOLITAN CATEGORICAL RANKINGS
2005 MOTOR VEHICLE CRASH DATA

MOTOR VEHICLE CRASHES			MOTOR VEHICLE CRASHES			MOTOR VEHICLE CRASHES			MOTOR VEHICLE CRASHES			MOTOR VEHICLE CRASHES			MOTOR VEHICLE CRASHES		
Total Number			Resulting in Fatality			Resulting in Injury			Resulting in Property Damage			by Contributing Human Factors (b)			by Contributing Vehicular Factors (b)		
1	Nassau	22,941	1	Suffolk	149	1	Kings	16,846	1	Nassau	8,278	1	Nassau	11,844	1	Kings	849
2	Queens	21,345	2	Nassau	99	2	Queens	15,884	2	Suffolk	7,192	2	Suffolk	10,203	2	Queens	826
3	Suffolk	20,976	3	Kings	97	3	Nassau	14,564	3	Queens	5,372	3	Kings	7,802	3	New York	532
4	Kings	20,557	4	Queens	89	4	Suffolk	13,635	4	Westchester	5,142	4	Queens	6,590	4	Bronx	413
5	New York	13,890	5	New York	65	5	New York	10,457	5	Kings	3,614	5	New York	5,674	5	Suffolk	395
6	Westchester	12,248	6	Orange	47	6	Bronx	8,213	6	New York	3,368	6	Westchester	5,064	6	Nassau	316
7	Bronx	10,603	7	Westchester	43	7	Westchester	7,063	7	Bronx	2,348	7	Orange	3,105	7	Westchester	270
8	Orange	5,494	8	Bronx	42	8	Orange	3,447	8	Orange	2,000	8	Bronx	3,037	8	Richmond	139
9	Richmond	4,772	9	Dutchess	31	9	Richmond	3,250	9	Dutchess	1,981	9	Rockland	2,297	9	Orange	132
10	Dutchess	4,569	10	Rockland	22	10	Rockland	2,755	10	Rockland	1,577	10	Dutchess	2,270	10	Rockland	99
11	Rockland	4,354	11	Richmond	21	11	Dutchess	2,557	11	Richmond	1,501	11	Richmond	1,652	11	Dutchess	96
12	Putnam	1,625	12	Putnam	11	12	Putnam	869	12	Putnam	745	12	Putnam	835	12	Putnam	44
Total		143,374	Total		716	Total		99,540	Total		43,118	Total		60,373	Total		4,111

MOTOR VEHICLE CRASHES by Contributing Environmental Factors (b)			VEHICLES INVOLVED In All Types of Crashes		VEHICLES INVOLVED In Crashes Resulting in Fatality		VEHICLES INVOLVED In Crashes Resulting in Injury		VEHICLES INVOLVED in Crashes Resulting in Prop. Damage		MALE DRIVERS Involved in Motor Vehicle Crashes						
1	Suffolk	1,750	1	Nassau	45,810	1	Suffolk	248	1	Kings	31,212	1	Nassau	16,594	1	Queens	24,399
2	Nassau	1,617	2	Queens	41,748	2	Kings	156	2	Queens	30,718	2	Suffolk	13,701	2	Nassau	23,522
3	Westchster	1,119	3	Suffolk	40,148	3	Nassau	144	3	Nassau	29,072	3	Queens	10,887	3	Kings	23,337
4	Queens	1,004	4	Kings	38,713	4	Queens	143	4	Suffolk	26,199	4	Westchester	9,524	4	Suffolk	20,768
5	Kings	957	5	New York	24,540	5	New York	83	5	New York	17,696	5	Kings	7,345	5	New York	16,186
6	Orange	875	6	Westchester	22,614	6	Bronx	80	6	Bronx	15,446	6	New York	6,761	6	Bronx	12,052
7	Dutchess	709	7	Bronx	20,244	7	Orange	75	7	Westchester	13,029	7	Bronx	4,718	7	Westchester	11,413
8	New York	559	8	Richmond	9,426	8	Westchester	61	8	Richmond	6,422	8	Orange	3,195	8	Orange	4,976
9	Rockland	531	9	Orange	9,370	9	Dutchess	50	9	Orange	6,100	9	Dutchess	3,151	9	Richmond	4,816
10	Bronx	410	10	Rockland	8,152	10	Rockland	33	10	Rockland	5,244	10	Richmond	2,974	10	Rockland	4,507
11	Richmond	285	11	Dutchess	7,696	11	Richmond	30	11	Dutchess	4,495	11	Rockland	2,875	11	Dutchess	3,954
12	Putnam	266	12	Putnam	2,701	12	Putnam	18	12	Putnam	1,510	12	Putnam	1,173	12	Putnam	1,500
Total		10,082	Total	271,162	Total	1,121	Total	187,143	Total	82,898	Total	151,430					

b. Police reported crashes with a factor

TABLE A (page 2 of 2)
NEW YORK METROPOLITAN CATEGORICAL RANKINGS
2005 MOTOR VEHICLE CRASH DATA

	FEMALE DRIVERS			VEHICULAR/PEDESTRIAN			VEHICULAR/PEDESTRIAN			TOTAL PEDESTRIAN			TOTAL BICYCLIST	
	Involved in			Crashes at Intersection			Crashes Not			Fatalities			Killed or Injured	
	Motor Vehicle Crashes						at Intersection							
1	Nassau	18,082	1	Kings	2,782	1	Kings	651	1	Kings	47	1	Kings	1,101
2	Suffolk	15,998	2	New York	2,608	2	New York	526	2	New York	46	2	New York	976
3	Queens	11,083	3	Queens	1,753	3	Queens	409	3	Queens	39	3	Queens	552
4	Kings	8,820	4	Bronx	1,170	4	Nassau	304	4	Nassau	38	4	Suffolk	476
5	Westchester	8,565	5	Nassau	607	5	Bronx	295	5	Suffolk	30	5	Nassau	464
6	Bronx	4,963	6	Westchester	423	6	Westchester	232	6	Bronx	19	6	Bronx	255
7	New York	3,973	7	Suffolk	298	7	Suffolk	210	7	Richmond	8	7	Westchester	143
8	Orange	3,785	8	Richmond	256	8	Richmond	73	8	Orange	7	8	Orange	65
9	Dutchess	3,225	9	Rockland	70	9	Orange	71	9	Westchester	7	9	Richmond	61
10	Richmond	3,202	10	Orange	61	10	Rockland	65	10	Rockland	5	10	Rockland	54
11	Rockland	3,041	11	Dutchess	42	11	Dutchess	34	11	Dutchess	3	11	Dutchess	30
12	Putnam	1,050	12	Putnam	1	12	Putnam	13	12	Putnam	2	12	Putnam	11
Total		85,787	Total		10,071	Total		2,883	Total		251	Total		4,188

	Crashes with Contributing Alcohol Involvement (#'s) (a)			Crashes with Contributing Alcohol Involvement (%) (a)			Male Drivers in Crashes per 1,000 Driver Licenses			Female Drivers in Crashes per 1,000 Driver Licenses			% of Bicyclists Crashes (a) Without Helmets	
1	Suffolk	478	1	Dutchess	4.8	1	Bronx	51.10	1	Nassau	37.21	1	Dutchess	63.3
2	Nassau	398	2	Putnam	4.8	2	Kings	49.99	2	Orange	31.42	2	Nassau	53.3
3	Kings	267	3	Orange	4.5	3	Nassau	47.85	3	Dutchess	31.11	3	Orange	52.9
4	Westchster	265	4	Suffolk	4.0	4	Rockland	42.84	4	Suffolk	30.09	4	Putnam	45.5
5	Queens	236	5	Westchester	3.8	5	New York	42.23	5	Rockland	30.08	5	Westchester	42.6
6	New York	176	6	Rockland	3.3	6	Queens	42.23	6	Bronx	29.81	6	Bronx	38.3
7	Orange	164	7	Nassau	3.0	7	Orange	39.92	7	Putnam	27.88	7	Suffolk	36.8
8	Dutchess	130	8	Richmond	2.5	8	Putnam	38.62	8	Westchester	27.08	8	Queens	35.1
9	Bronx	124	9	Bronx	1.9	9	Suffolk	38.49	9	Kings	26.31	9	Kings	32.1
10	Rockland	92	10	Kings	1.9	10	Dutchess	37.86	10	Queens	25.63	10	New York	30.3
11	Richmond	70	11	New York	1.9	11	Westchester	35.54	11	Richmond	22.99	11	Richmond	30.2
12	Putnam	46	12	Queens	1.8	12	Richmond	31.67	12	New York	12.87	12	Rockland	21.8
Total		2,446												

a. Police reported crashes

TABLE B
NYMTC REGIONAL RECAPITULATION

	2003	2004	2005	2003/2004 (%)	2004/2005 (%)
MOTOR VEHICLE CRASHES					
TOTAL NUMBER OF MOTOR VEHICLE CRASHES	162,042	150,025	143,374	-7.4	-4.4
CRASHES RESULTING IN FATALITY	740	730	716	-1.4	-1.9
CRASHES RESULTING IN INJURY	116,409	106,218	99,540	-8.8	-6.3
CRASHES RESULTING IN PROPERTY DAMAGE	44,893	43,077	43,118	-4.0	0.1
CRASHES BY CONTRIBUTING HUMAN FACTORS	65,438	62,028	60,373	-5.2	-2.7
CRASHES BY CONTRIBUTING VEHICULAR FACTORS	5,104	4,529	4,111	-11.3	-9.2
CRASHES BY CONTRIBUTING ENVIRONMENTAL FACTORS	12,254	10,920	10,082	-10.9	-7.7
VEHICLES INVOLVED IN ALL TYPES OF CRASHES	308,925	285,287	271,162	-7.7	-5.0
VEHICLES INVOLVED IN CRASHES RESULTING IN FATALITY	1,156	1,101	1,121	-4.8	1.8
VEHICLES INVOLVED IN CRASHES RESULTING IN INJURY	221,111	201,049	187,143	-9.1	-6.9
VEHICLES INVOLVED IN CRASHES RESULTING IN PROPERTY DAMAGE	86,658	83,137	82,898	-4.1	-0.3
MALE DRIVERS IN MOTOR VEHICLE CRASHES	175,899	160,628	151,430	-8.7	-5.7
FEMALE DRIVERS IN MOTOR VEHICLE CRASHES	95,062	89,635	85,787	-5.7	-4.3
VEHICULAR/PEDESTRIAN CRASHES AT INTERSECTION	9,533	9,535	10,071	0.0	5.6
VEHICULAR/PEDESTRIAN CRASHES NOT AT INTERSECTION	4,166	3,427	2,883	-17.7	-15.9
PEDESTRIAN FATALITIES IN VEHICULAR/PEDESTRIAN CRASHES	254	255	251	0.4	-1.6
TOTAL BICYCLISTS KILLED OR INJURED	4,186	4,229	4,188	1.0	-1.0
BICYCLIST FATALITIES IN VEHICULAR/BICYCLE CRASHES	29	26	37	-10.3	42.3
TRANSIT ACCIDENTS					
TRANSIT ACCIDENTS					
TOTAL	63	82	77	30.2	-6.1
FATALITIES	13	14	15	7.7	7.1
INJURIES	327	485	245	48.3	-49.5
RATIO PER MILLION RIDERS	0.022	0.029	0.026	31.8	-10.3
RATIO PER MILLION VEHICLE MILES TRAVELED	0.110	0.141	0.132	28.2	-6.4
BUS TRANSIT ACCIDENTS					
TOTAL	40	48	53	20.0	10.4
FATALITIES	7	2	3	-71.4	50.0
INJURIES	180	279	203	55.0	-27.2
RATIO PER MILLION RIDERS	0.042	0.052	0.054	23.8	3.8
RATIO PER MILLION VEHICLE MILES TRAVELED	0.310	0.365	0.395	17.7	8.2
RAIL RAPID TRANSIT ACCIDENTS					
TOTAL	7	11	6	57.1	-45.5
FATALITIES	2	4	2	100.0	-50.0
INJURIES	129	8	38	-93.8	375.0
RATIO PER MILLION RIDERS	0.004	0.006	0.003	50.0	-50.0
RATIO PER MILLION VEHICLE MILES TRAVELED	0.021	0.032	0.018	52.4	-43.8
SUBURBAN RAIL ACCIDENTS					
TOTAL	16	23	18	43.8	-21.7
FATALITIES	4	8	10	100.0	25.0
INJURIES	18	198	4	1,000.0	-98.0
RATIO PER MILLION RIDERS	0.094	0.136	0.106	44.7	-22.1
RATIO PER MILLION VEHICLE MILES TRAVELED	0.152	0.213	0.163	40.1	-23.5

Source: New York State Department of Motor Vehicles
New York State Public Transportation Safety Board

All Values are for Downstate Region (12-county area)

INTRODUCTION

The New York Metropolitan Transportation Council (NYMTC) is an association of governments and transportation providers, which serves as the Metropolitan Planning Organization (MPO) for New York City, the Long Island counties of Nassau and Suffolk, and in the lower Hudson Valley counties of Putnam, Rockland and Westchester. In its role as MPO, the Council is mandated to develop and regularly update a Regional Transportation Plan for its area. The current Plan was adopted in July, 2005. A downloadable version of the Plan can be obtained at the web site www.nymtc.org. The Plan identifies nine critical issue areas, as well as goals and objectives for addressing the issues. The Plan's issue areas include specific performance measures to monitor the progress toward achieving the relevant goals and objectives. The safety issue area requires an assessment of crashes on the roadway and transit portions of the transportation system, utilizing designated transportation plan safety performance measures and other indicators. The New York State Department of Motor Vehicles (DMV) provides motor vehicle, bicycle and pedestrian crashes data, and the New York State Public Transportation Safety Board (PTSB) provides transit accident data for the 12 county downstate New York metropolitan area, which includes the 10 counties of the NYMTC region plus Dutchess and Orange counties in the Hudson Valley. (See map below)

This Transportation Safety Report is a comprehensive publication of transportation crash statistics for the 12 county downstate metropolitan areas and is arranged in three sections:

Part One presents written analyses and comparisons of New York City, New York suburbs and the New York State crash data. An overview of fatalities and nonfatal injuries resulting from vehicular crashes is also included in this section of the report.

Part Two features charts depicting transportation safety data trends.

Part Three displays in tabular form the data from which the presentations in Parts One and Two were derived. These data are presented for the benefit of readers who may want to examine the basic data more closely.

THE NYMTC REGION



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PART I

**TRANSPORTATION
SAFETY
ANALYSIS and COMPARISONS**



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1 OVERVIEW

SAFETY ON THE HIGHWAY AND TRANSIT SYSTEMS

Transportation, by its nature, provides enhanced opportunities, but also risks, to those who travel. Safety for motor vehicle, bicycle, pedestrian, and transit travel is the primary concern for operators of transportation facilities. One of the Regional Transportation Plan's goals is to improve the safety and security of the highway and mass transportation systems and to minimize the risk of making trips in the New York metropolitan region. NYMTC is pleased to present the fifth edition of the Transportation Safety Report. This report assesses crash trends between 1995 and 2005 in the following counties: Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk, Westchester, and the City of New York.

The graphs and tables presented in this report contain data on motor vehicle crashes and resulting injuries, fatality data on the road system by jurisdiction, and data on pedestrian fatalities. Table 1 presents total annual motor vehicle crashes for all major vehicle types: Passenger Car, Motorcycle, Bus, Taxi, School Bus, Emergency Vehicle, Truck, Tractor Trailer, Towing Vehicle, and Moped. Table A presents, by county, the rankings of different types of motor vehicle crashes which occurred throughout the New York Metropolitan region in 2005. Table B is a Regional Recapitulation for many of the tables in this report. The Recapitulation shows the percent increase or decrease in these categories from 2003 to 2004 and from 2004 to 2005. This report also examines transit accident statistics on the subway, bus and commuter rail systems of the MTA from 1995 through 2005.

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

An examination of the graphs and tables will show that the number of motor vehicle crashes in the downstate, (New York City plus the suburbs), was 63.5% of all the motor vehicle crashes in New York State.

The MTA rail and bus divisions included in this report are:

- MTA New York City Transit Subway
- MTA Staten Island Railway
- MTA Metro-North Railroad
- MTA Long Island Rail Road
- MTA New York City Transit Bus
- MTA Long Island Bus



The MTA, which accounts for 97 percent of downstate New York transit ridership, has reported an average of about 76 accidents per year throughout the 2002-2005 period. There has been an average of 13 fatalities and 352 injuries per year for this 4-year period. (See Table 46)

II MOTOR VEHICLE SAFETY

1. CRASHES RESULTING IN A FATALITY, INJURY OR PROPERTY DAMAGE

Motor vehicle crash data are classified in terms of severity and comprise the following categories: Fatal, Nonfatal Injury, and Property Damage (over \$1,000). During the time period 2002 – 2005, the following changes were observed:

A. Fatal Crashes

During the period 2002-2005 the suburbs experienced more crashes with fatalities than New York City. There were 716 crashes resulting in a fatality in the downstate (New York City plus the suburbs) in 2005. During this period Kings (Brooklyn) and Queens Counties in New York City had the most crashes with fatalities in New York City; however, these counties also had more registered vehicles and registered drivers than the other New York City counties. Nassau and Suffolk Counties had more accidents with fatalities in this same period but they also had more registered drivers and vehicles than the other suburban counties. The fatality rate in the New York metropolitan region for motor vehicle crashes for 2005 was 5.53 per 100,000 population, lower than the 5.88 rate for 2002 and 5.75 in 2003 and 5.79 in 2004 (Table 3 and Figure 3). It should be noted that the fatality rates were highest in the suburbs and lowest in the City. These rates had almost parallel patterns in the New York metropolitan region, New York City, New York suburbs and New York State during the 2002-2005 time period. Table 6A indicates the fatalities by category for 2003-2005.



B. Injury Crashes

New York City experienced 54.9% of crashes resulting in injury in 2005 while the suburbs experienced 45.1% of these crashes. Vehicle crashes resulting in nonfatal injuries in New York City, the suburbs, the New York metropolitan region (New York plus the suburbs) and New York State were as follows. These numbers were calculated as crashes with injury/ total crashes.

Percent of Vehicle Crashes Resulting in Nonfatal Injuries By Sectors

	2002	2003	2004	2005
New York City	80.9%	78.9%	77.6%	76.8%
New York Suburbs	65.4%	64.0%	63.9%	62.2%
NY Metropolitan Region (Downstate)	73.9%	71.8%	70.8%	69.4%
New York State	70.6%	67.8%	66.6%	64.9%

As the table above shows, all areas experienced a decrease in accidents resulting in a non-fatal injury in 2005. There were over 54,600 vehicle crashes resulting in injury in New York City; over 99,500 in the New York metropolitan region; almost 45,000 in the suburbs and over 146,600 in the State during 2005. (See Table 4 and Figure 4)

C. Property Damage Crashes

According to the New York State Department of Motor Vehicles, The Vehicle and Traffic Law was amended in April, 1997 to provide statutory authority for police officers to report accidents which, in their judgment, appear to meet the reporting criteria for property damage (i.e., damage in excess of \$1,000 to the property of any one individual). This change resulted in a higher number of property damage only (PDO) crashes being reported in the years 1999-2000, which in turn increases the total number of crashes reported in each of those years. With the 2001 data, the DMV made changes in its data collection and capture of police-reported PDO crashes, which resulted in a lower number of such crashes in 2001. The overall effect of these changes produced a much higher number of PDO and total crashes for the years 1999-2001, when compared to prior years, and a much lower number of PDO and total crashes in 2002.

Therefore, because of these changes, the total number of crashes as well as the number of PDO crashes for 2002 and subsequent years will not be comparable to the number of PDO and total crashes for any prior year. However, because these changes did not effect fatal and personal injury crashes, comparisons of these types of crashes over the years are not problematic.

All downstate counties experienced an increase in accidents with property damage from 2004 to 2005 (by percent). Accidents with property damage have increased in all areas during the period 2002-2005. Please see table below. These numbers were calculated as crashes with property damage/total crashes.

Percent of Vehicle Crashes Resulting in Property Damage

	2002	2003	2004	2005
New York City	18.7%	20.7%	22.0%	22.8%
New York Suburbs	34.0%	35.4%	35.5%	37.3%
NY Metropolitan Region (Downstate)	25.7%	27.7%	28.7%	30.1%
New York State	28.9%	31.6%	32.8%	34.5%



2. CONTRIBUTING FACTORS: HUMAN, ENVIRONMENTAL AND VEHICULAR

All New York City counties experienced a decrease in accidents with human factors from 2004 to 2005 while most suburban counties experienced an increase (Table 7). Vehicle crashes caused by human factors accounted for the following percent of crashes in New York City, the suburbs, the New York metropolitan region and New York State during the period 2002-2005. These numbers were calculated as crashes with human factors/total crashes.

Percent of Vehicle Crashes With Contributing Human Factors

	2002	2003	2004	2005
New York City	43.5%	35.9%	35.8%	34.8%
New York Suburbs	54.5%	45.3%	47.0%	49.3%
NY Metropolitan Region (Downstate)	48.5%	40.4%	41.3%	42.1%
New York State	50.7%	42.3%	43.3%	45.0%

In 2005, human factors contributed to 42.1 percent of all crashes with a factor recorded in the New York metropolitan region. The number of crashes resulting from human factors fell from 83,327 in 2002 (Table 7) to 60,373 in 2005. Driver inattention, failure to yield right of way, following too closely, and unsafe speed accounted for 19.5, 16.1, 15.5, and 9.9 percent, respectively, of all crashes attributed to one of 28 human factors. (See Figure 7) Table 8 shows the impact of

alcohol as a human factor in crashes in all twelve counties for the years 2002-2005. This table indicates that more alcohol related accidents, both as a percent of human factor crashes with alcohol involvement and as a percent of all police reported crashes, occurred in the suburbs than in New York City.

Another significant contributor associated with vehicle crashes is the environmental factor or roadway condition. Roadway conditions contributed to 7.0 percent of crashes with a factor in the New York metropolitan region in 2005. Slippery pavements, view obstructed/limited and animals' actions accounted for 57.6, 15.5 and 7.6 percent, respectively, of all crashes attributed to environmental factors. The analysis further shows that 68.1% of the crashes in the New York metropolitan region attributed to environmental factors occurred in the New York suburbs in 2005. (See Table 10 and Figure 10 and 11)

The third highest contributing factor was vehicular conditions, which were responsible for over 2.9 percent of the crashes with a factor in 2005. This factor includes conditions such as defective brakes, tire failure and steering failure. In 2005, vehicular factors were responsible for twice as many crashes in New York City as in the suburban counties but crashes in the City decreased by 15% since 2004. Defective brakes, tire failure, and steering failure accounted for 18.4, 7.8 and 4.7 percent, respectively, of all vehicular crashes attributed to a vehicular factor in 2005. (See Table 9, Figure 8, and Figure 9)

3. CRASHES BETWEEN PEOPLE AND VEHICLES

This section offers statistics about the gender and age of the drivers, pedestrians and bicyclists involved in motor vehicle crashes.

A. Male and Female Drivers Involved in Motor Vehicle Crashes and Their Age

According to the summary of motor vehicle crashes compiled by New York State Department of Motor Vehicles, during the 2002 - 2005 time frame, there were 679,052 male and 371,574 female drivers involved in motor vehicle crashes, respectively, in the New York metropolitan region. In 2005 female drivers had more accidents in the suburbs than in the City (62.7% vs.37.3%). In contrast, crashes involving male drivers happened more often in the City (53.4 percent) than in the suburbs (46.6%). (See Tables 15-16).



In New York City, in 2005, male drivers made up 56.7 percent of the licensed drivers but accounted for 71.6 percent of the drivers in accidents. In the suburbs male drivers comprised 50.4 percent of the licensed drivers, but accounted for 56.8 percent of the drivers in accidents.

In New York City, in 2005, female drivers comprised 43.3 percent of the licensed drivers, but accounted for 28.4 percent of the drivers in accidents. Female drivers comprised 49.6 percent of the licensed drivers in the suburbs, but accounted for 43.2 percent of the drivers in accidents.

In 2005, people aged 60 and older in the New York metropolitan region were involved in 10.5, 14.8 and 12.8 percent of the accidents in New York City, the suburbs and the New York metropolitan region (Downstate), respectively (Figures 22-24). Male drivers in all age categories had more accidents than female drivers and in most age groups, twice as many accidents as female drivers (Figure 24). The age group with the highest percent of accidents was 30-59 for both male and female drivers (Figures 22-24). Male and female drivers, 30-39 years old had the highest absolute number of vehicle crashes in 2002, 2003, 2004 and 2005.

Male and Female Drivers Involved in Motor Vehicle Crashes - Age Group 30-39

	Male				Female			
	2002	2003	2004	2005	2002	2003	2004	2005
New York City	29,830	25,403	21,411	19,198	11,578	10,097	8,676	7,905
New York Suburbs	16,536	15,577	14,079	13,423	12,537	11,576	10,636	10,002
New York State	59,495	53,779	47,351	43,996	34,850	32,632	29,464	27,675

B. Vehicular/Pedestrian Crashes At Intersections And Mid-Block Locations

In 2005, 251 pedestrians were killed in almost 13,000 vehicular/pedestrian crashes in the New York metropolitan region, representing 35.1 percent of all traffic fatalities in the region (Figure 29, Table 22). Although 10.5 percent of the total traffic crashes in the New York metropolitan region were pedestrian crashes, they were more likely to result in serious injury or death. The majority of pedestrian crashes occurred in New York City, accounting for 81.2 percent of all vehicular pedestrian crashes in the New York metropolitan region. The number of pedestrian crashes which occurred at an intersection is higher than that of



pedestrian accidents which occurred mid-block in the New York metropolitan region. This was particularly evident in New York City, where 81.4 percent of all vehicle/pedestrian crashes occurred at an intersection. The number of vehicle/pedestrian crashes at suburban intersections and mid-block locations are similar and in 2005 accounted for 18.8 percent of regional vehicle/pedestrian crashes. There were 159 pedestrian fatalities in New York City and 92 in the suburbs in 2005. (See Figure 29 and Table 22).

C. Motor Vehicle/Bicycle Crashes

For some people in New York City and the suburban counties, bicycling is a viable transportation option, but for others hesitancy is due to the safety issue. Bicycling with automobile traffic can be dangerous. Despite the relatively small numbers of bicyclists however, many serious bicycle-related injuries do occur in the New York metropolitan region each year.



The 37 bicyclists' deaths in 2005 accounted for 5.2 percent of all traffic fatalities in the New York metropolitan region (Table 24). Bicyclist fatalities occurred more frequently in New York City than in the suburbs during the time period 2002-2005 (70 vs. 49). Over 17,000 bicyclists were killed or injured in bicyclist vehicle crashes during the period 2002-2005 in the New York Metropolitan region. However, the number of bicyclists killed or injured has been falling; from 7,138 in 1995 to 4,188 in 2005. (See Tables 23-24 and Figures 30-31)

4. CRASHES ON ROAD SYSTEM BY ROADWAY JURISDICTION

Tables 25 to 41 show crashes on the region's road system by jurisdiction and by county for the years 1996 through 2005. The following analysis by road type is based on data from 2005:

State Routes

One hundred fifty-seven (157) fatal crashes out of over 21,500 crashes occurred on state routes in the New York suburbs in 2005 vs. 150 fatal crashes in over 22,200 crashes in 2004. Only four fatalities out of 379 crashes took place in New York City on state roads in 2005 vs. 5 fatalities in 440 crashes in 2004.



County Routes

In 2005, thirty-nine (39) fatal crashes out of over 5,400 crashes occurred on county routes in the suburbs vs. 60 fatalities in over 6,300 crashes in 2004. During 2005, there were 3,671 crashes on county routes in the suburbs that involved personal injury vs. 4,349 in 2004.

Town Routes

One hundred and three (103) fatal crashes out of over 20,600 crashes occurred on town routes in the suburbs in 2005. This represents a decrease over the 120 fatal accidents in 2004.

Municipal Streets

Two hundred fifty-one (out of over 59,800 crashes) and 45 (out of over 13,500 crashes) fatal crashes occurred in New York City and its suburbs, respectively, on municipally-owned streets in 2005. In 2004 there were 227 (out of over 63,400 crashes) and 47 (out of over 13,200) fatal crashes.

Parkways

Over 4,800 vehicle crashes occurred on parkways in New York City in 2005 vs. Over 5,000 in 2004. This number includes 36 fatal crashes in 2005 and 30 in 2004. In the New York suburbs, 33 fatal crashes out of over 5,600 crashes occurred on parkways in 2005 vs. 39 fatalities and over 5,400 crashes in 2004.

Thruway

This roadway had the lowest number of vehicle crashes (1,250) in the New York metropolitan region in 2005. There were 9 fatalities and 786 personal injury accidents on the thruway system during 2005. This contrasts with 1,227 crashes, 3 fatalities and 858 personal injury crashes in 2004.

Other Interstate (Expressways)

There were 5,681 vehicle crashes on other interstates in New York City and 2,780 in the suburbs in 2005. Of these, 22 fatal crashes occurred in New York City and 15 fatal crashes in the New York suburbs. In 2004 there were 5,953 vehicle crashes on other interstates in New York City and 2,722 in the suburbs. Of these, 24 fatal crashes occurred in New York City and 22 in the suburbs.

Over 63.5 percent of all vehicle crashes reported in New York State in 2005 occurred in the New York metropolitan region. This was similar to the 64.5 percent in 2004 (Table 41). Figures 30 to 33 show vehicle crashes on various road types in New York City, New York suburbs, New York metropolitan region, and New York State.

5. CRASHES BY VEHICLE

The total number of vehicles involved in crashes in the 2002-2005 time period varies annually, similar to the number of crashes. The peak number of vehicles involved in crashes was 246,087 in New York City and 469,497 in the New York metropolitan region in 2000. The New York suburban data indicate that the highest number (223,410) of vehicles involved in crashes was also in 2000. In 2005 there was an average of 1.9 vehicles per crash in the New York Metropolitan region, the same as in 2003 and 2004. (Table 11)



A. Vehicles Involved In Crashes Resulting In Fatalities

In the period 2002 to 2005 more multiple vehicle crashes with fatalities occurred in the suburbs than in New York City (See Table 12). The county with the most multiple vehicle crashes with fatalities for each of these years was Suffolk. The average number of vehicles involved in crashes per year during 2002-2005 was 476 for the City and 663 for the suburban counties.



B. Vehicles Involved In Crashes Resulting In Injury

The number of vehicles involved in injury crashes in the New York Metropolitan region has decreased from 250,077 in 1995 to 187,143 in 2005. (See Table 13) Data indicate that the number of vehicles involved in injury crashes from 1995 to 2005 were the highest in 2000 in the City and 1996 in the suburbs.

C. Vehicles Involved In Crashes Resulting In Property Damage

The total number of vehicles involved in crashes resulting in property damage increased significantly from 1998 to 2000 in the New York Metropolitan region (120,850 vs 208,892) and then decreased in 2001 (165,356) and in 2002 (85,961). The large decrease in 2002 can be attributed to the data compilation change in 2001 and 2002. For 2005 the number decreased slightly from 2004. In 2005, Queens in New York City and Nassau in the suburbs had the largest number of multiple vehicle crashes that resulted in property damage.

There were 32,685 vehicles involved in property damage crashes in New York City in 2005. Over 50,000 vehicles were involved in property damage crashes in the New York suburbs in 2005. (Table 14)

6. CRASHES BY MANNER OF TWO VEHICLE COLLISIONS AND MULTIPLE VEHICLE COLLISIONS

Table 43 contains data on the manner of two vehicle collisions. The data shows that the majority of accidents in New York City, the suburbs and New York State are rear-end accidents, followed by right angle accidents. In New York State, the suburbs and New York City, the percent of rear-end accidents in 2005 were 32.4, 34.9, and 30.4, respectively.

7. CRASHES BY DAY OF WEEK

Table 45A contains data on the number of accidents for New York City, the suburbs and New York State in 2005 by the day of the week they occurred. Based on the data, more accidents occur on Friday in New York City, the suburbs and New York State. The day of the week with the fewest accidents across all areas is Sunday. Similar results were observed in 2004.

8. CRASHES BY TIME OF DAY

Table 45B contains information regarding crashes by time of day for 2005. As can be seen, the hours between three (3) and six (6) P.M. in New York City, the suburbs and the State experience the largest number of crashes.

8A. CRASHES BY TIME OF DAY AND DAY OF WEEK OF MOST ACCIDENTS

Combining data for time and day and day of week from Tables 45A and 45B we can see in Table 45C that the time and day that most accidents occur with fatalities or injuries or property damage varies by county however the majority of accidents still occur during 3 and 6 P.M.

9. CRASHES BY CENTERLINE MILES

Table 42 indicates accidents by centerline miles. The attempt of this table is to try to normalize crashes by the number of accidents by road jurisdiction and the amount of miles on the road jurisdiction. Along with the centerline miles and accidents, Table 42 indicates two examples on how the data can be used.

III TRANSIT SAFETY

New Yorkers are heavily dependent on public transportation. According to data available from the American Public Transportation Association, in 1998, more than 45 percent of all transit trips in the 30 largest metropolitan areas of the United States were made in the New York-Northeastern New Jersey region, while in 1999 it was 43 percent. In terms of total number of accidents on all modes of the transportation system, accidents on the transit system are fewer than motor vehicle accidents on the highway system. However, transit passenger safety remains an important concern. Although there are other independent transit operators in the region, the transit accident data in this report cover the largest group of transit operators in the New York metropolitan region, the Metropolitan Transportation Authority (MTA). Statistics describing transit accidents have been derived from the New York State Public Transportation Safety Board. Table 47 and Table 48 present transit accident ratios per million riders, and per million vehicle miles traveled, while Table 46 shows the total number of accidents in the MTA portion of the region in the 1995-2005 time period. (See also Figure 36)

1. RAIL ACCIDENTS



This report includes accident data for the following transit operators: MTA Long Island Rail Road (LIRR), MTA New York City Transit (Subway and Bus) and MTA Metro-North Railroad (MNR).

In 2005, MTA Long Island Rail Road (transporting 95.5 million passengers) experienced 17 accidents, a reduction of 1 from 2004. The accident ratios per million riders and per million vehicle miles traveled was 0.178 and 0.290 in 2005 for this operator, both reductions over 2004. (See Tables 47-48)

There were 29 passenger fatalities on the New York City Subway system in the period 1995-2005. In terms of the accident ratio per million riders and per million vehicle miles traveled, the New York City Subway is the safest transit system in the region.

From 1995 to 2005 there were 45 accidents, two fatalities and 107 injuries on the Metro-North Railroad.

The data in Table 46 reveal that the Staten Island Railway had the lowest number of accidents of all the MTA properties. Very few (12) accidents happened on this line during the period 1995-2005. There were no passenger fatalities or injuries on this line during the same period.

2. BUS ACCIDENTS

Table 46 shows data on bus accidents and fatalities for the New York City Transit and the Long Island Bus.

MTA New York City Bus system transported 954.2 million passengers in 2005. In the same year, 53 passenger accidents occurred on the NYC bus system. As Tables 47 and 48 displays, the accident ratios per million riders and per million vehicle miles traveled were 0.051 and 0.404 for the New York City Transit Bus and 0.127 and 0.308 for the Long Island



Bus operation respectively in 2005. The average fatalities for the New York City Transit Bus and Long Island Bus for the time period 1995-2005 were 5.6 and 0.6 per year respectively. In 2005, Long Island Bus, with an annual ridership of 31.4 million, had four accidents. These resulted in no fatalities or injuries.

IV REFERENCES

Additional sources for safety data may be found at the following sites.

New York State DMV

www.nydmv.state.ny.us

Institute for Traffic Safety Management and Research

www.itsmr.org

National Highway Traffic Safety Administration

www.nhtsa.dot.gov

Statistical Abstract of the United States

<http://www.census.gov/compendia/statab/>

National Transit Database

<http://www.ntdprogram.com/ntdprogram/pubs.htm>

MTA

<http://www.mta.info/>

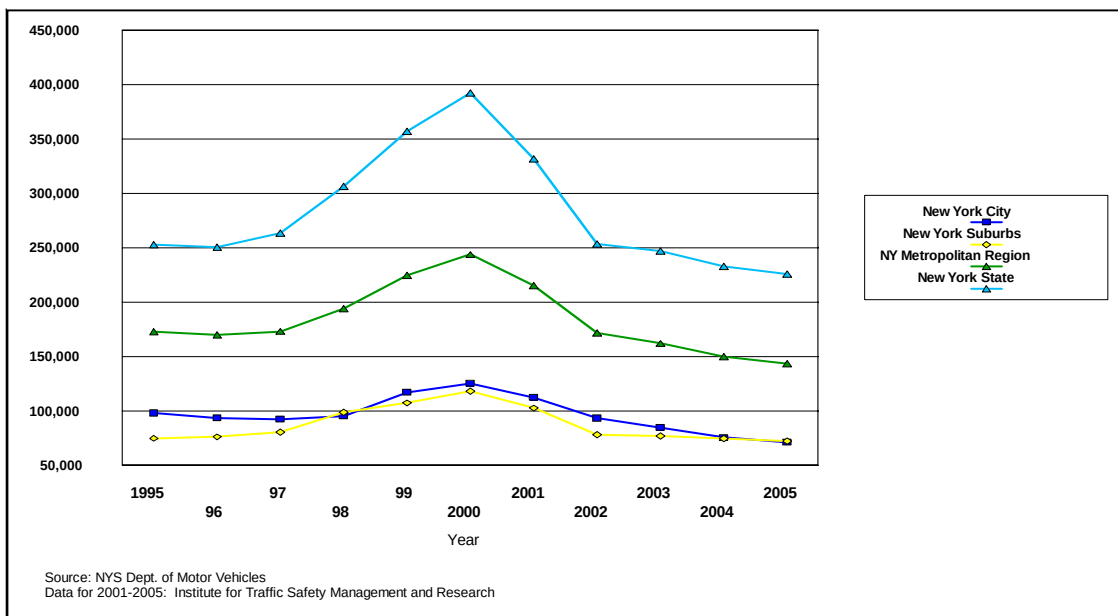
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PART II
TRANSPORTATION
SAFETY
DATA GRAPHS

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FIGURE 1
TOTAL NUMBER OF MOTOR VEHICLE CRASHES
1995-2005



Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 2
MOTOR VEHICLE CRASHES
RESULTING IN FATALITY
1995-2005

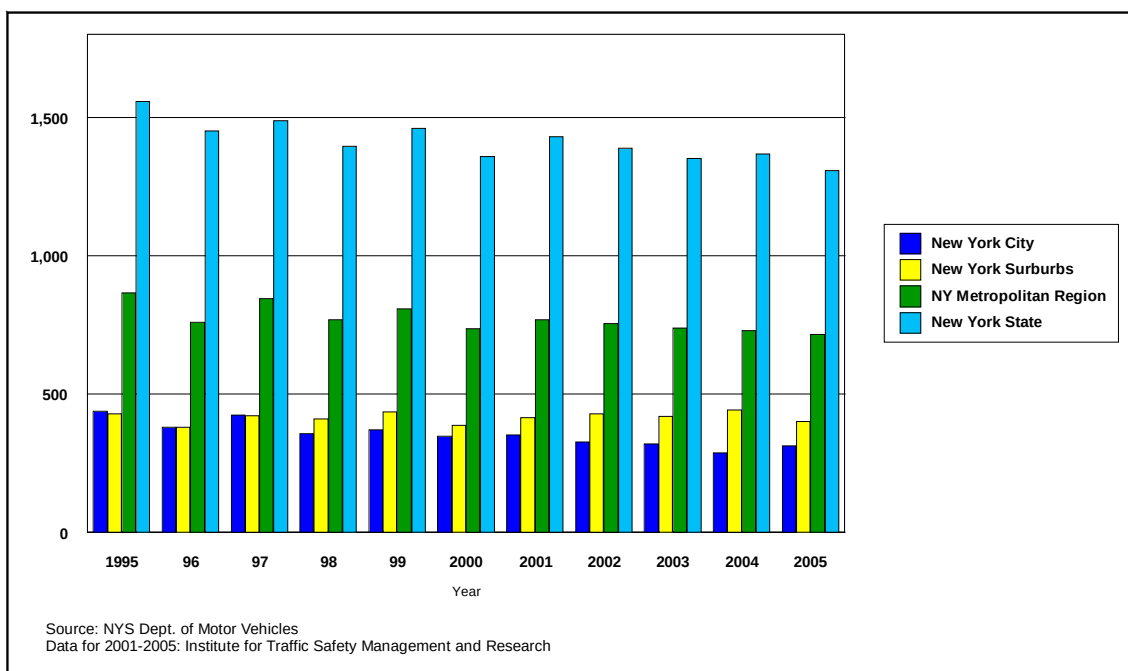


FIGURE 2A
MOTOR VEHICLE CRASHES
RESULTING IN FATALITY BY CATEGORY
2005

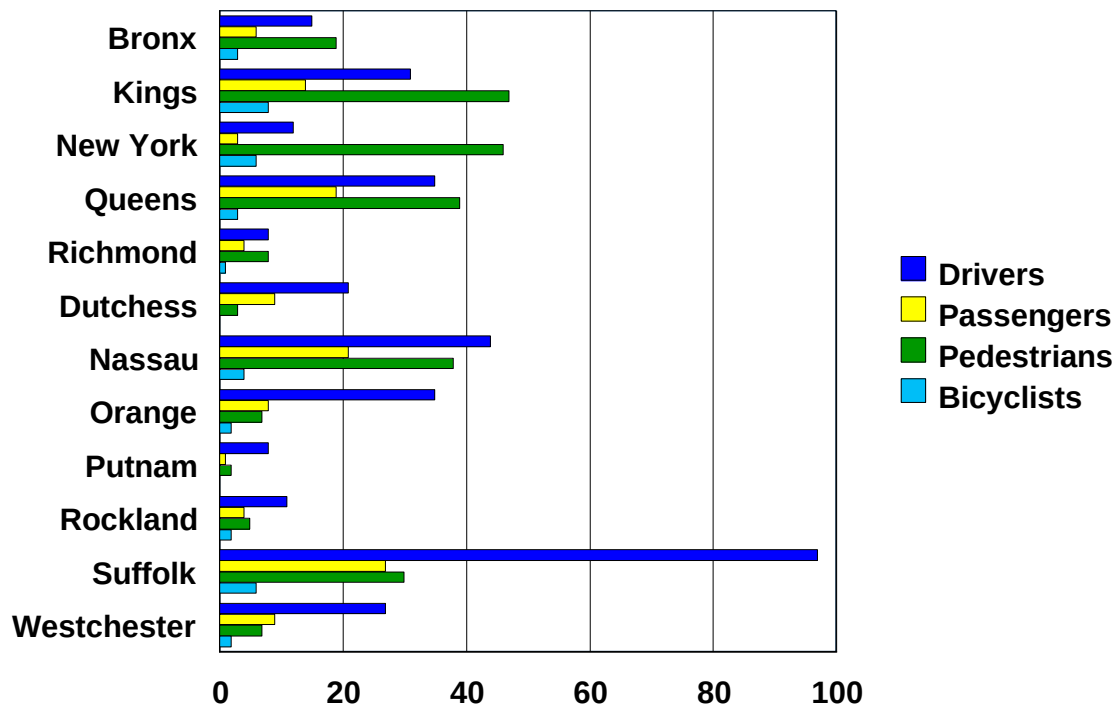


FIGURE 2B
MOTOR VEHICLE CRASHES
RESULTING IN INJURY BY CATEGORY
2005

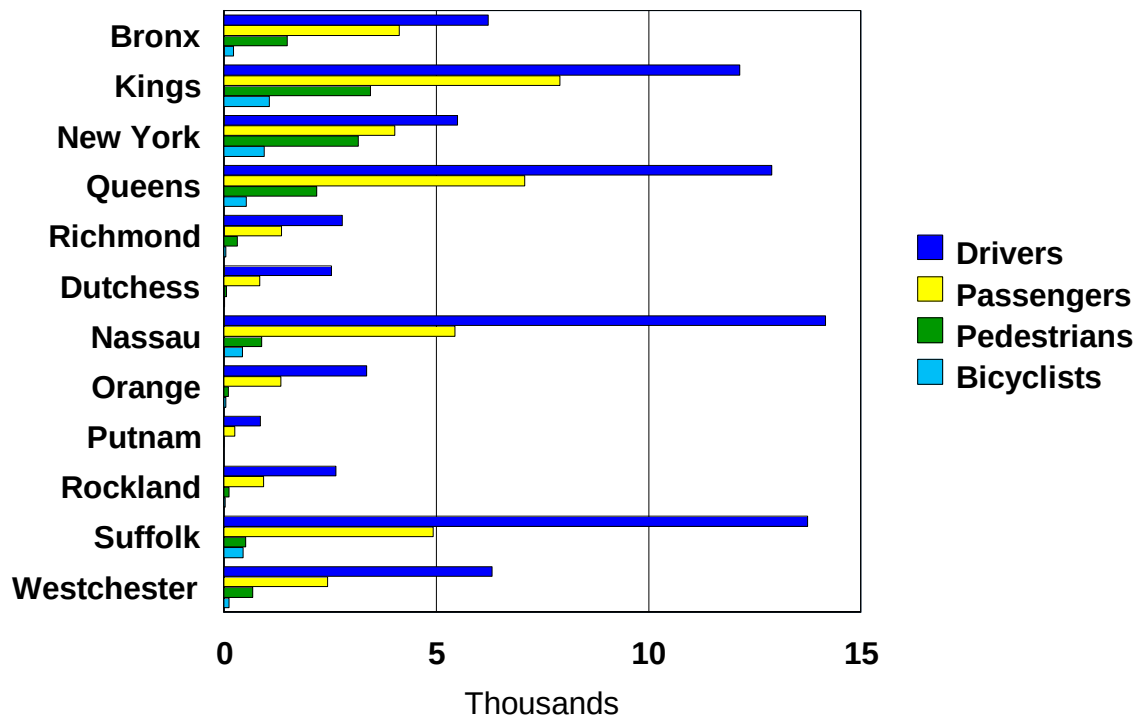


FIGURE 3
FATALITY RATE OF MOTOR VEHICLE CRASHES
PER 100,000 POPULATION
1995-2005

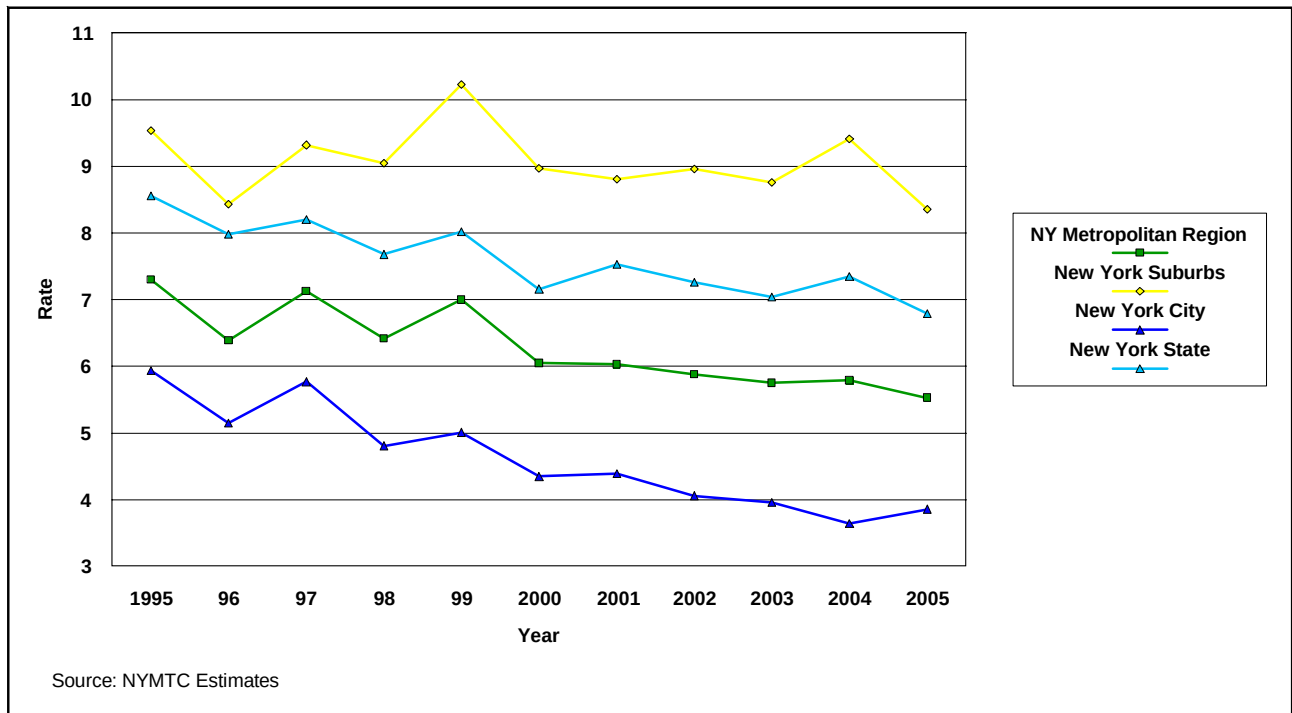


FIGURE 4
MOTOR VEHICLE CRASHES RESULTING IN INJURY
1995-2005

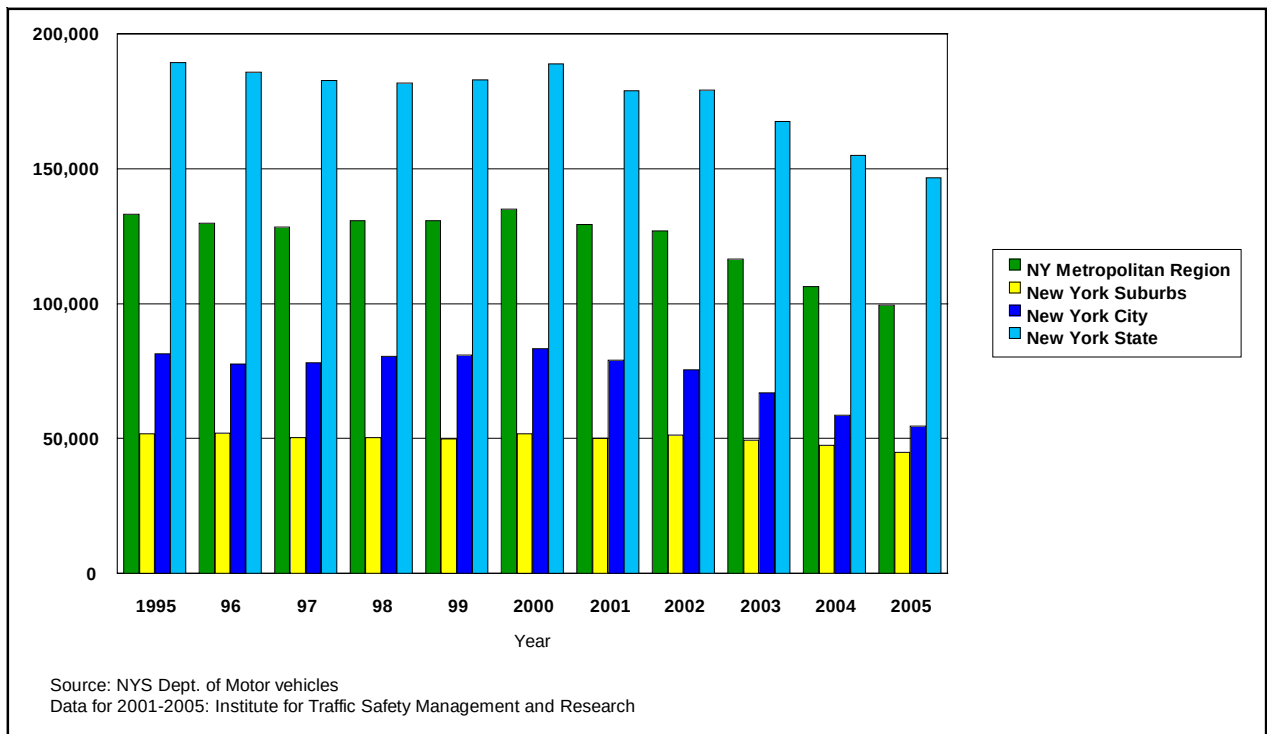
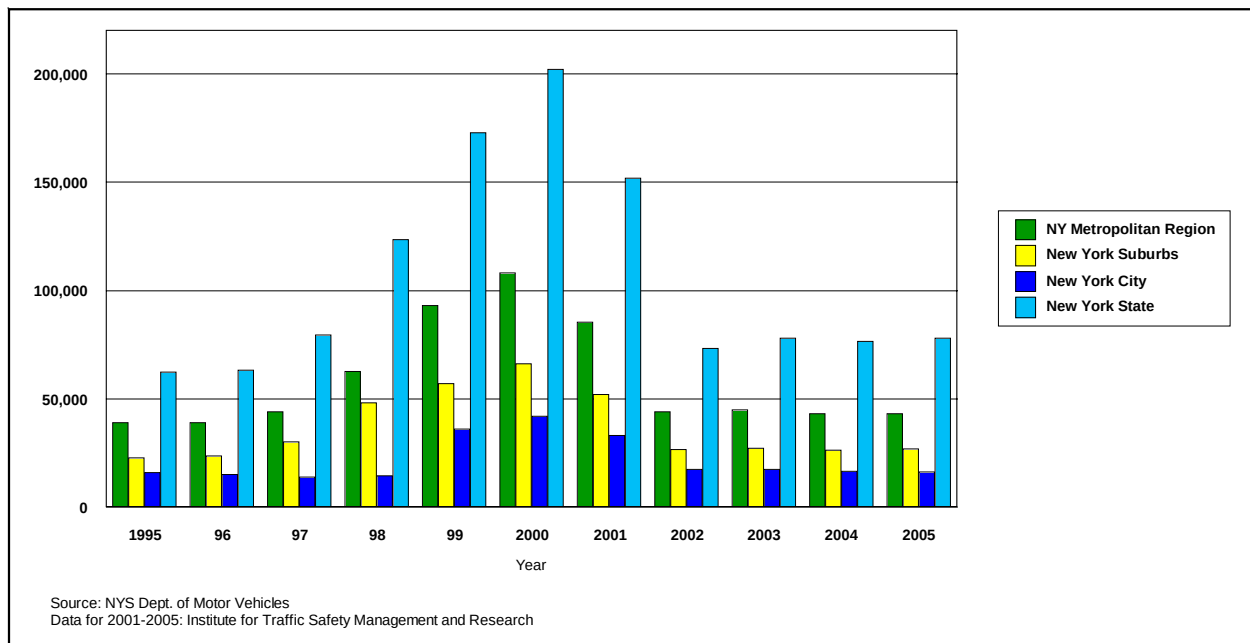
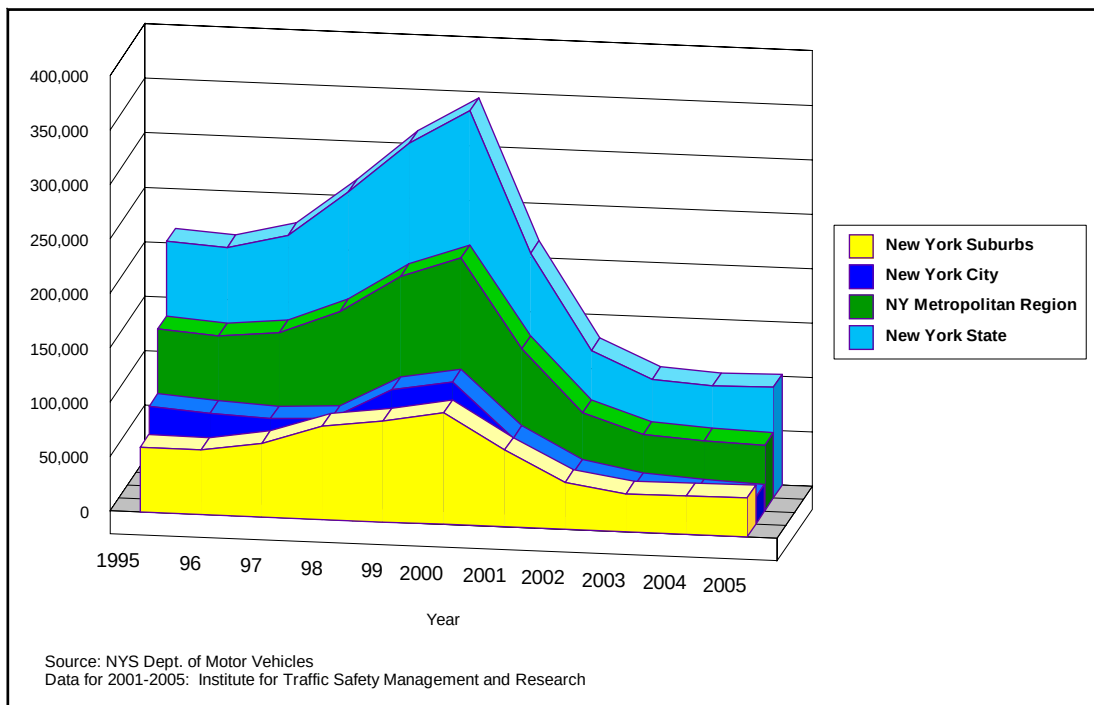


FIGURE 5
MOTOR VEHICLE CRASHES
RESULTING IN PROPERTY DAMAGE
1995-2005



Due to changes in data collection and reporting protocols with respect to property damage only (PDO) crashes, data on PDO crashes in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 6
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING HUMAN FACTORS
1995-2005



Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on contributing factors in crashes in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 7
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING HUMAN FACTORS
NEW YORK METROPOLITAN REGION
2005

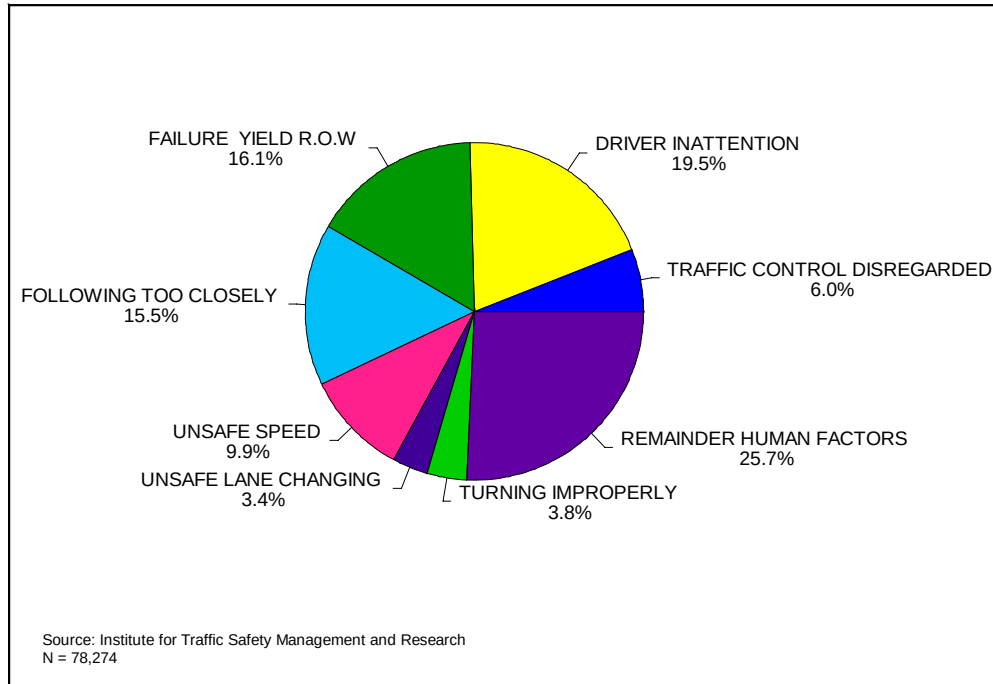
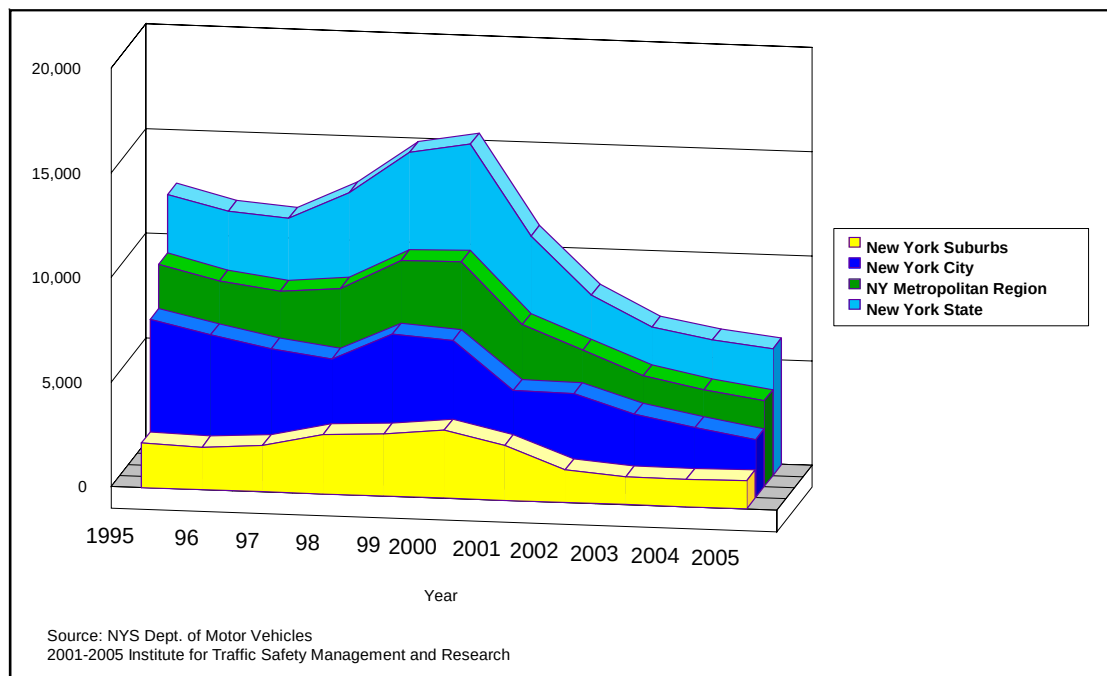


FIGURE 8
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING VEHICULAR FACTORS
1995-2005



Due to the difference in data compilation for 2001 and 2002, comparisons with data for these years and prior years will not be possible.

FIGURE 9
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING VEHICULAR FACTORS
NEW YORK METROPOLITAN REGION
2005

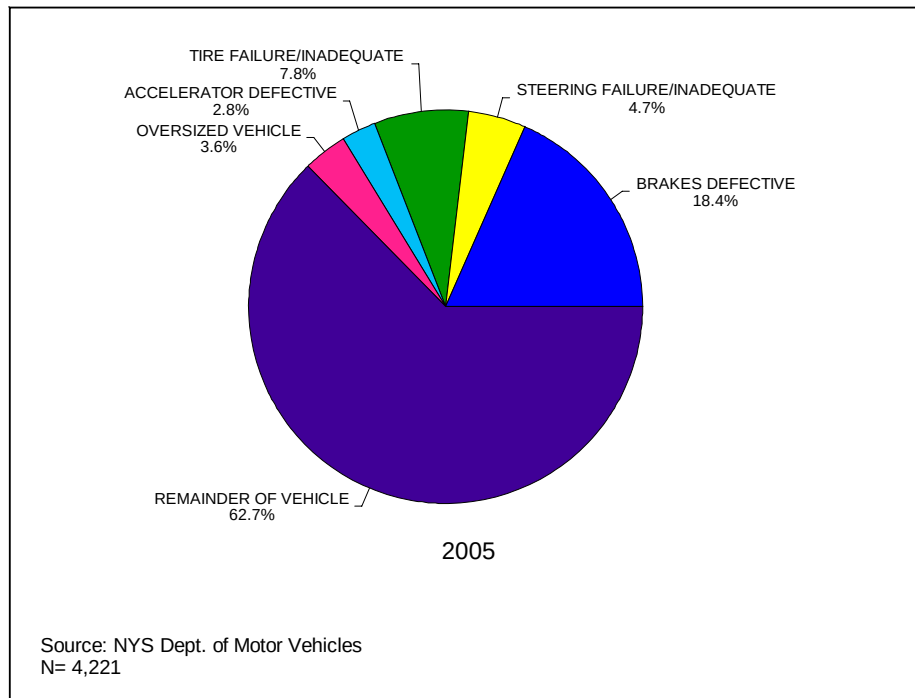
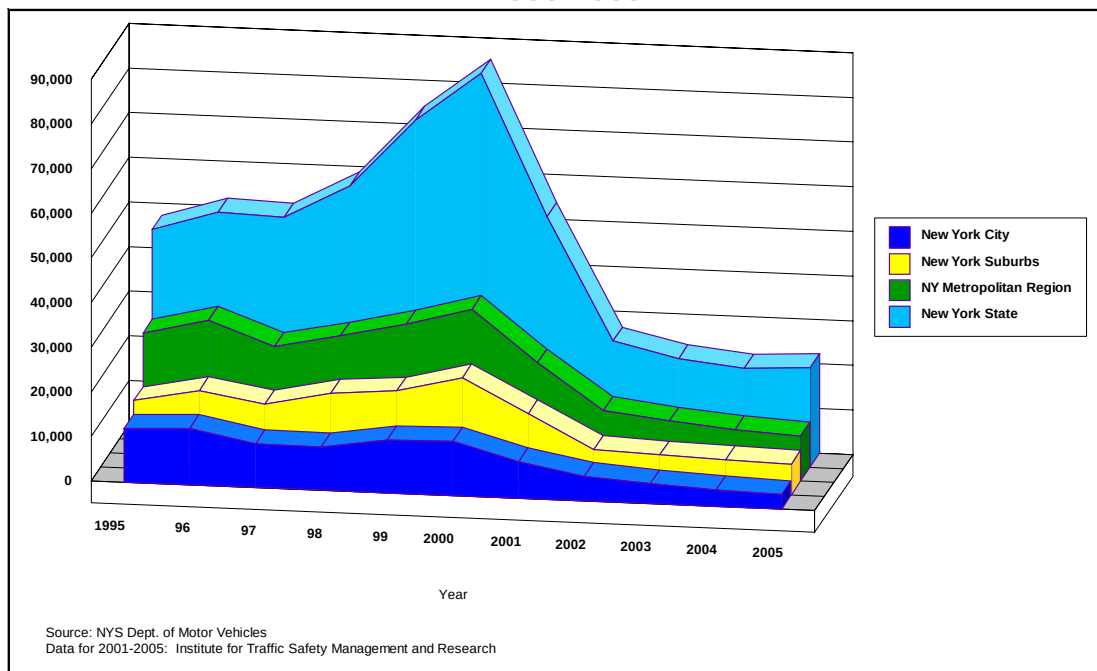


FIGURE 10
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING ENVIRONMENTAL FACTORS
1995-2005



Due to the difference in data compilation for 2001 and 2002, comparisons with data for these years and prior years will not be possible.

FIGURE 11
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING ENVIRONMENTAL FACTORS
NEW YORK METROPOLITAN REGION
2005

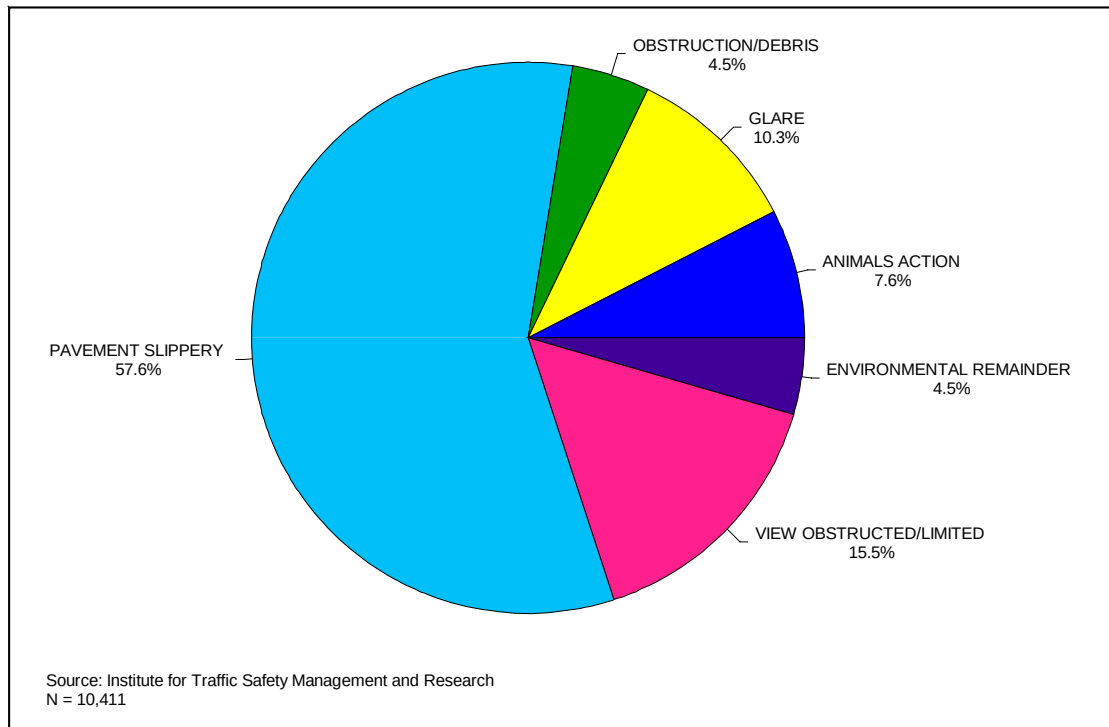
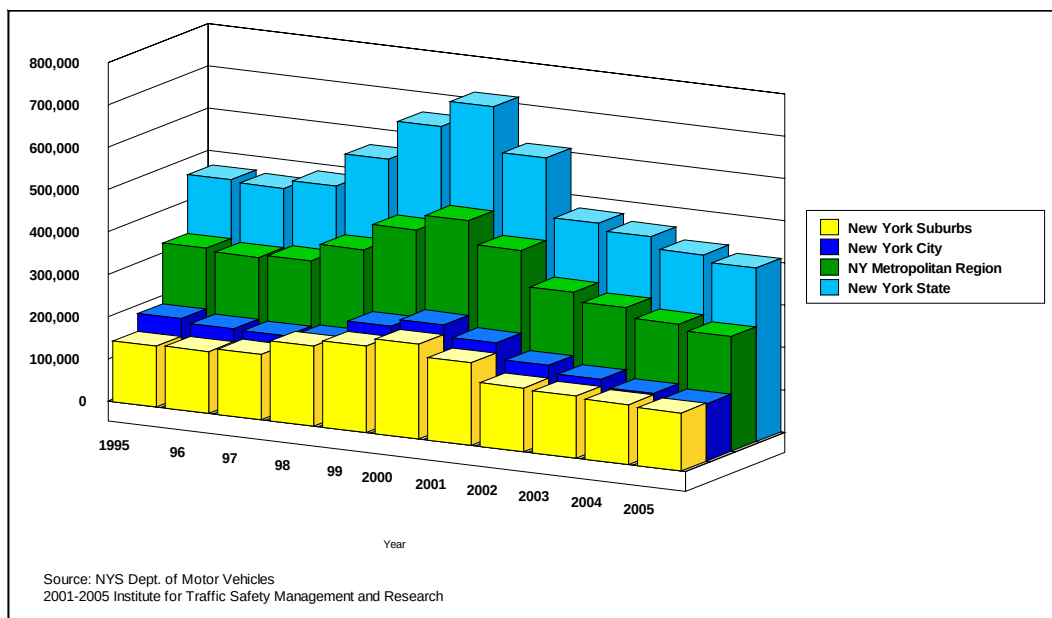


FIGURE 12
TOTAL NUMBER OF VEHICLES
INVOLVED IN ALL TYPE OF CRASHES
1995-2005



Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes and hence the total number of vehicles involved in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 13
TOTAL NUMBER OF VEHICLES
INVOLVED IN CRASHES RESULTING IN FATALITY
1995-2005

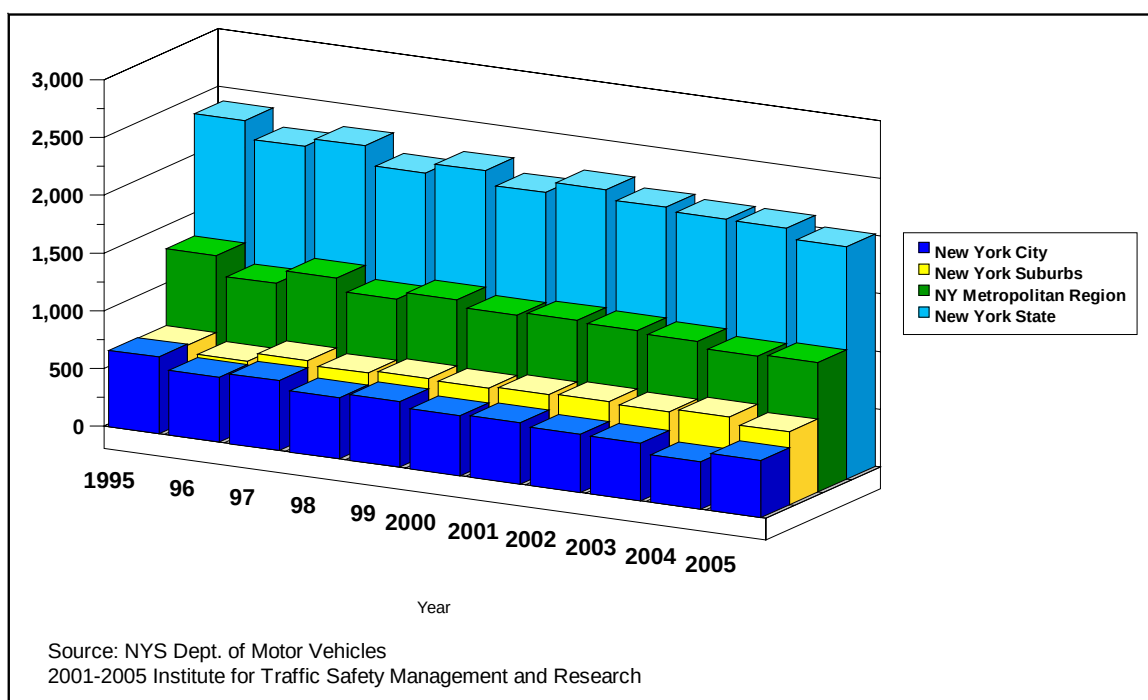


FIGURE 14
TOTAL NUMBER OF VEHICLES
INVOLVED IN CRASHES RESULTING IN INJURY
1995-2005

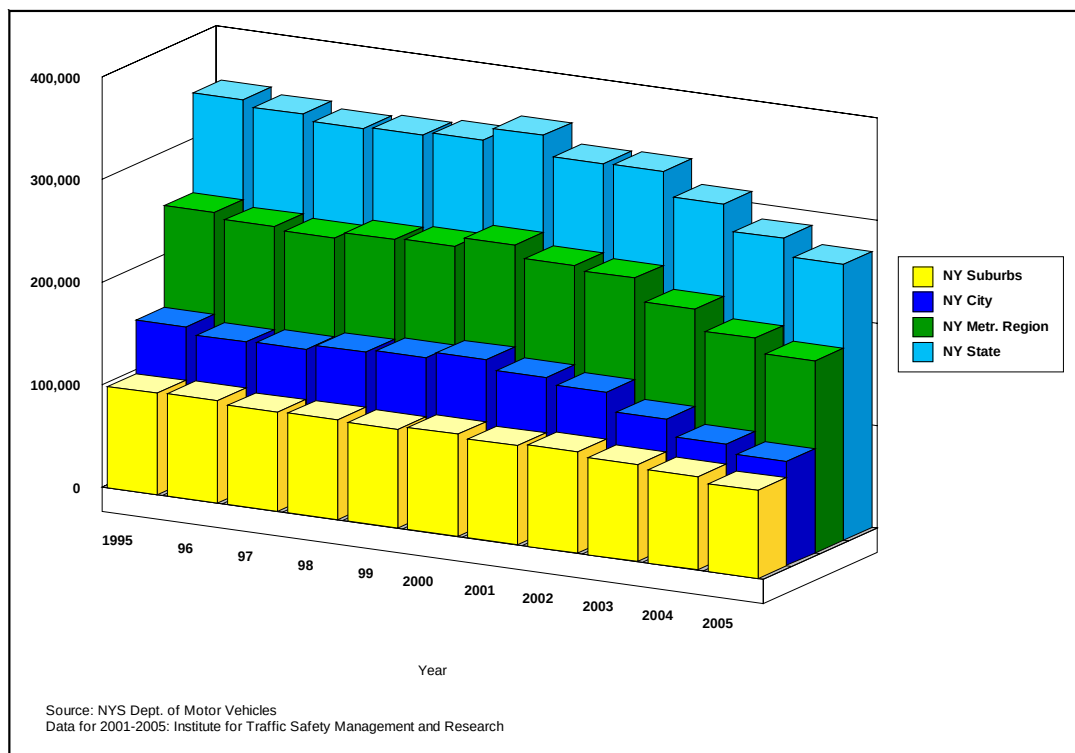
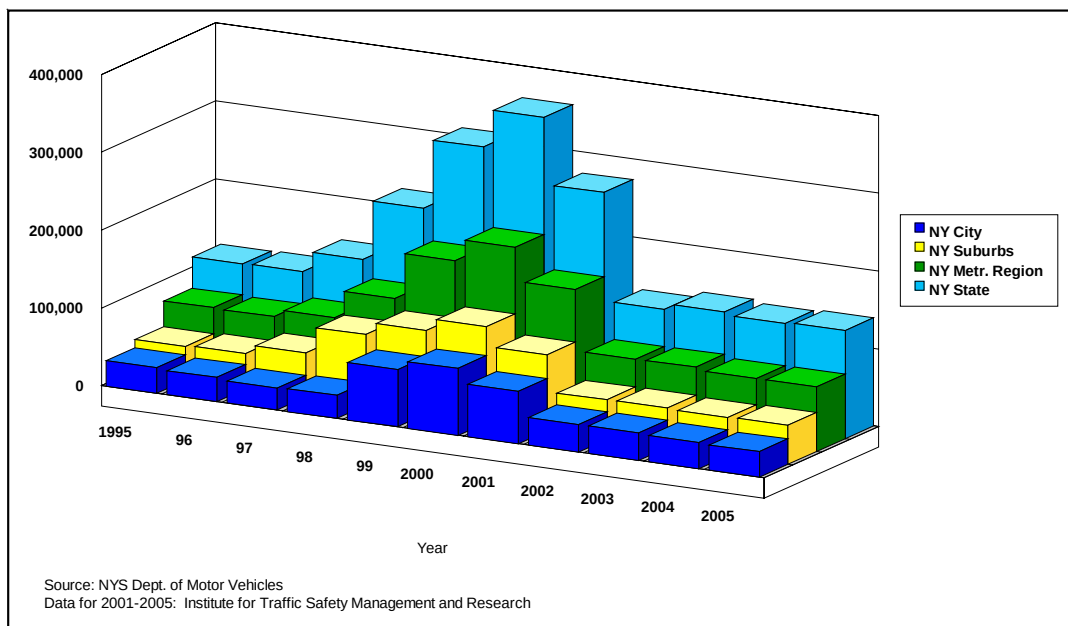
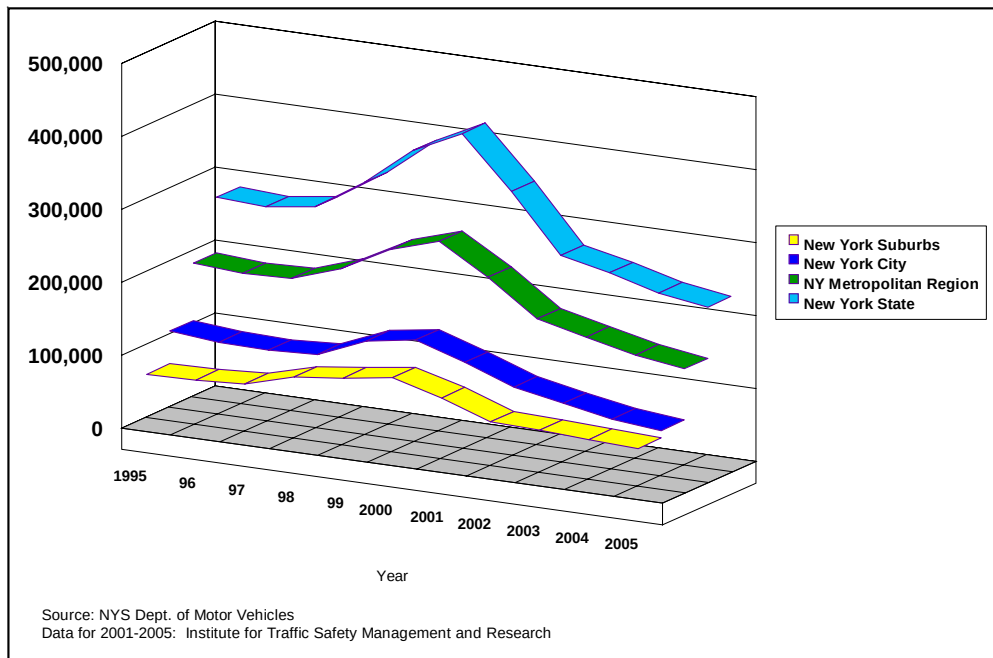


FIGURE 15
TOTAL NUMBER OF VEHICLES
INVOLVED IN CRASHES RESULTING IN PROPERTY DAMAGE
1995-2005



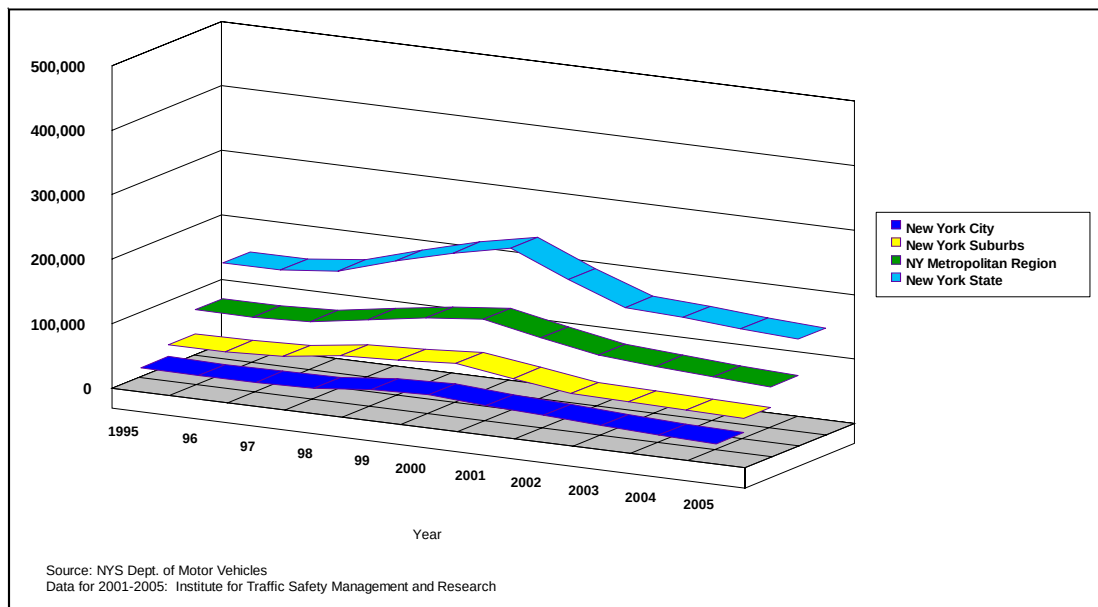
Due to changes in data collection and reporting protocols with respect to property damage only crashes (PDO), data on the total number of vehicles involved in crashes in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 16
MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES
1995-2005



Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes and hence the total number of male drivers involved in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 17
FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES
1995-2005



Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes and hence the total number of male drivers involved in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 18
AGE OF FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
1990

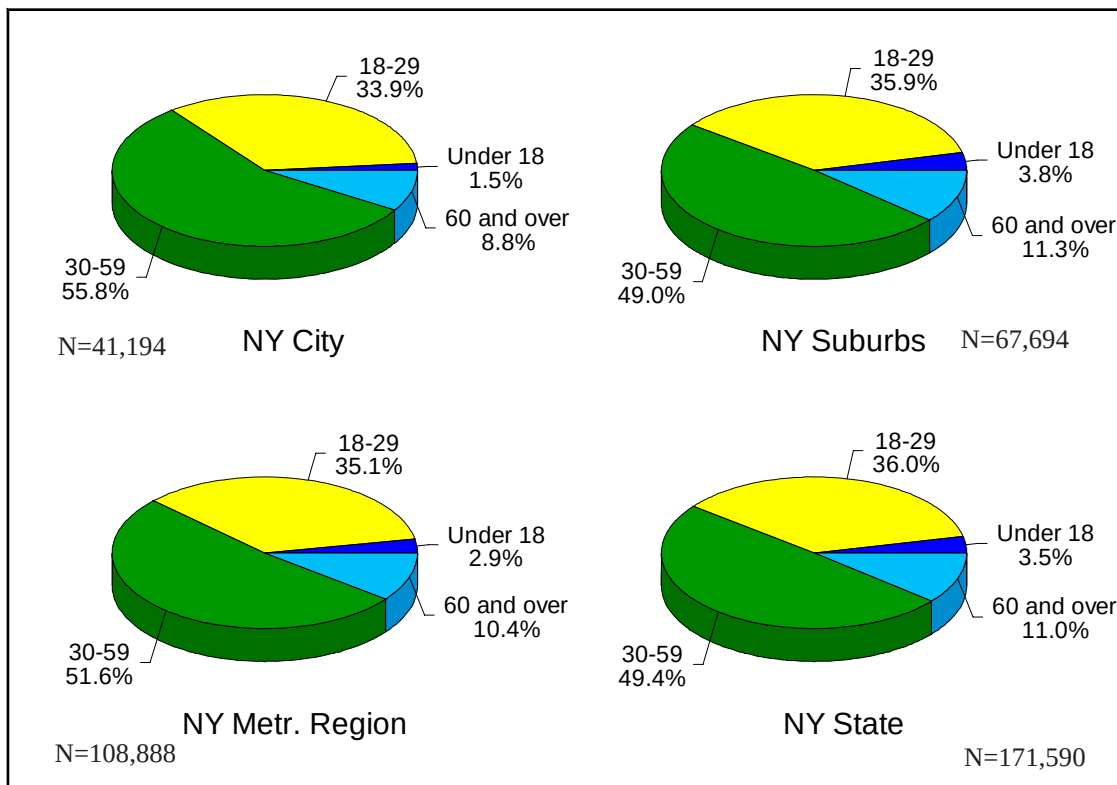


FIGURE 19
AGE OF MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
1990

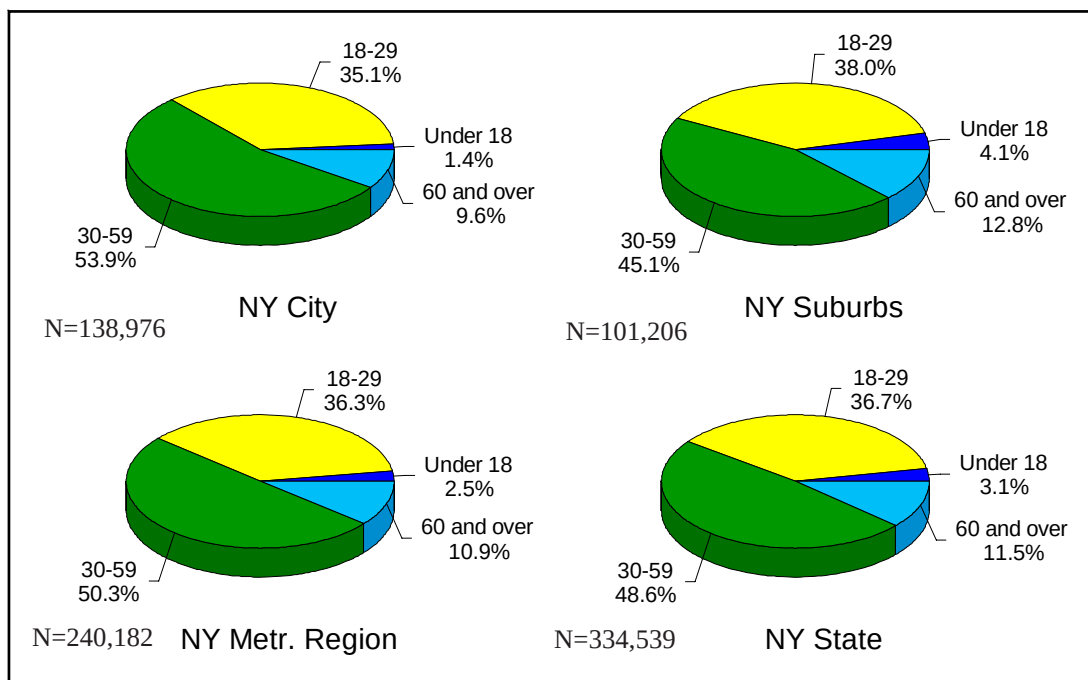


FIGURE 20
AGE OF FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2000

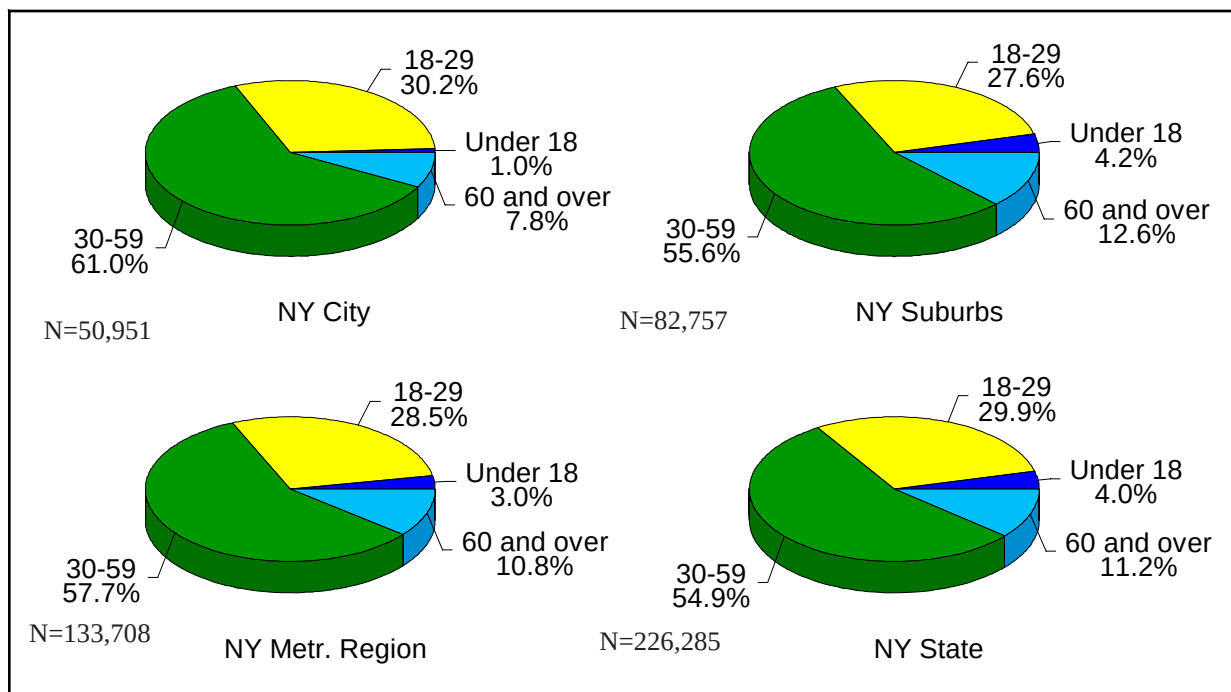


FIGURE 21
AGE OF MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2000

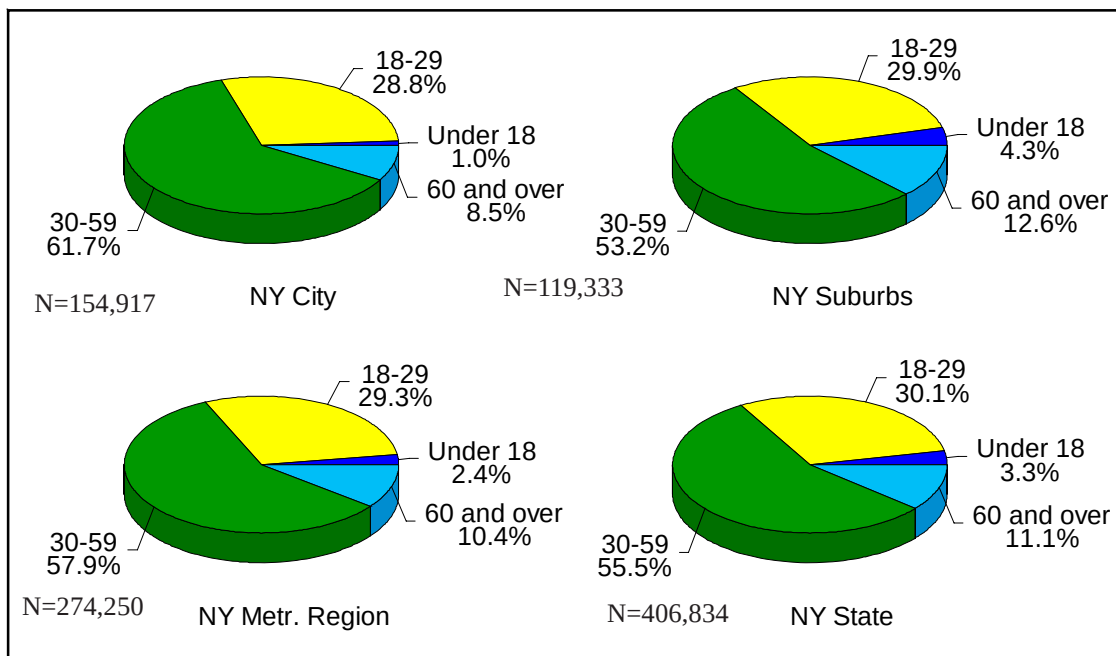


FIGURE 22
AGE OF FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2005

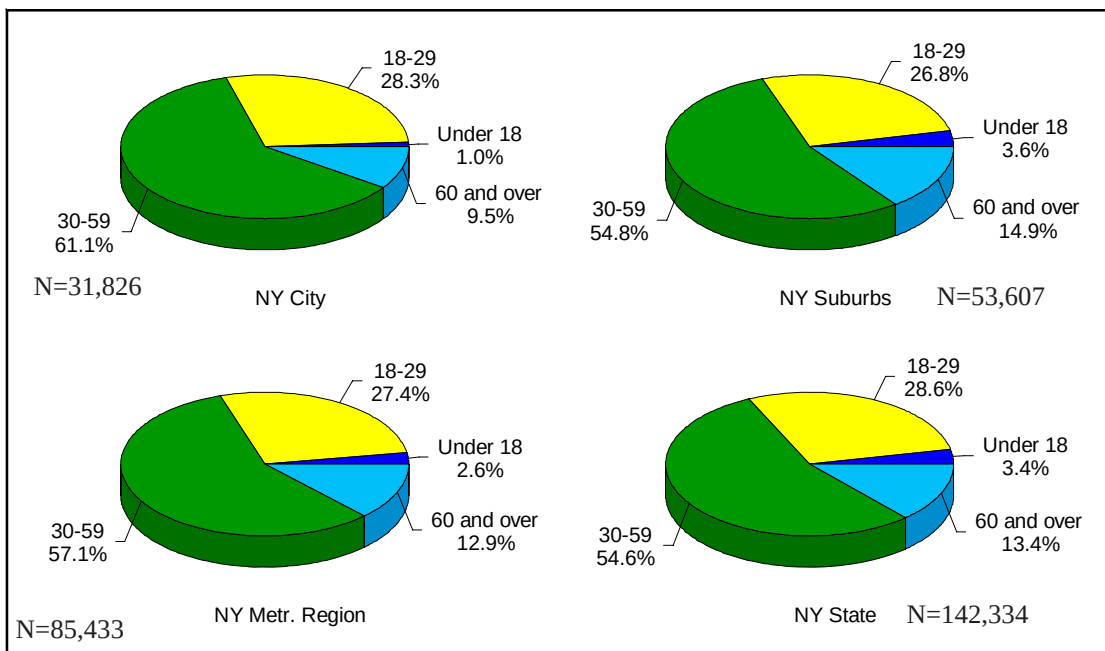


FIGURE 23
AGE OF MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2005

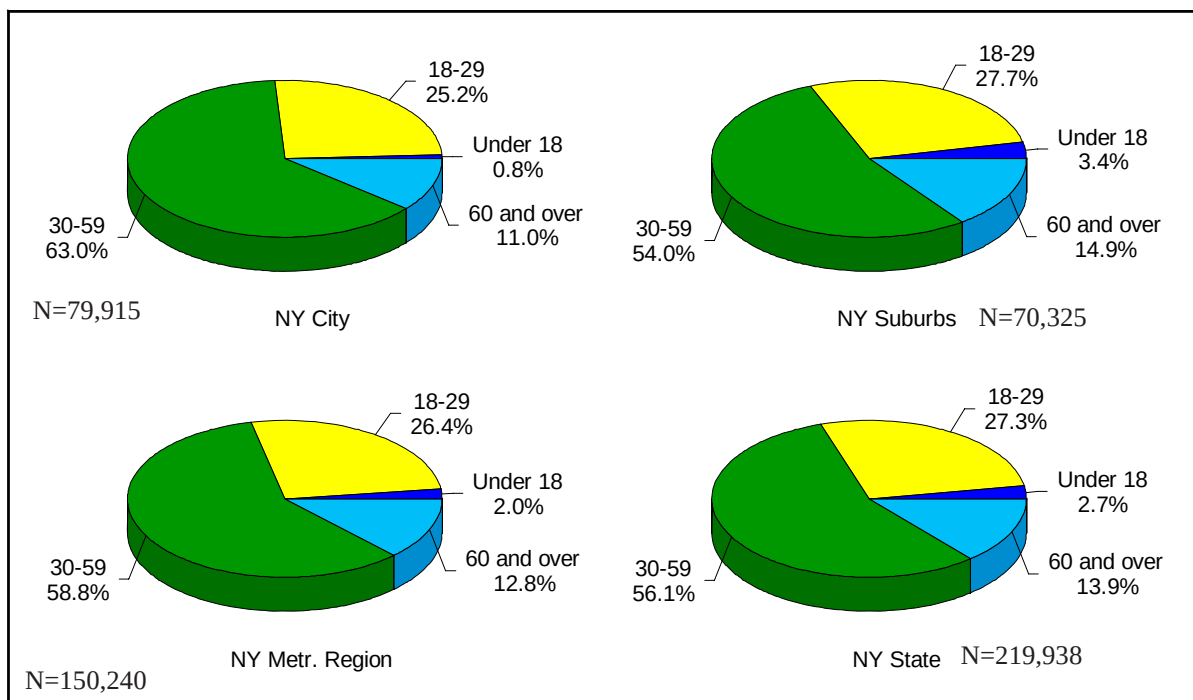


FIGURE 24
DRIVERS IN MOTOR VEHICLE CRASHES
BY AGE AND GENDER - 2005

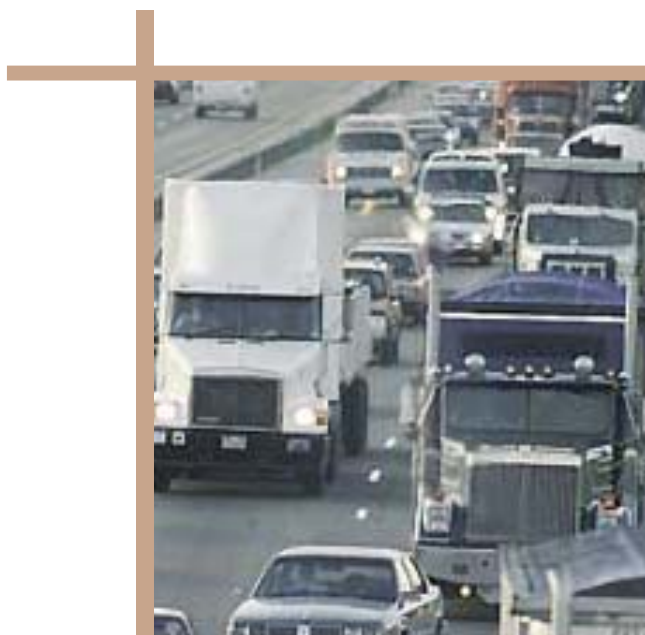
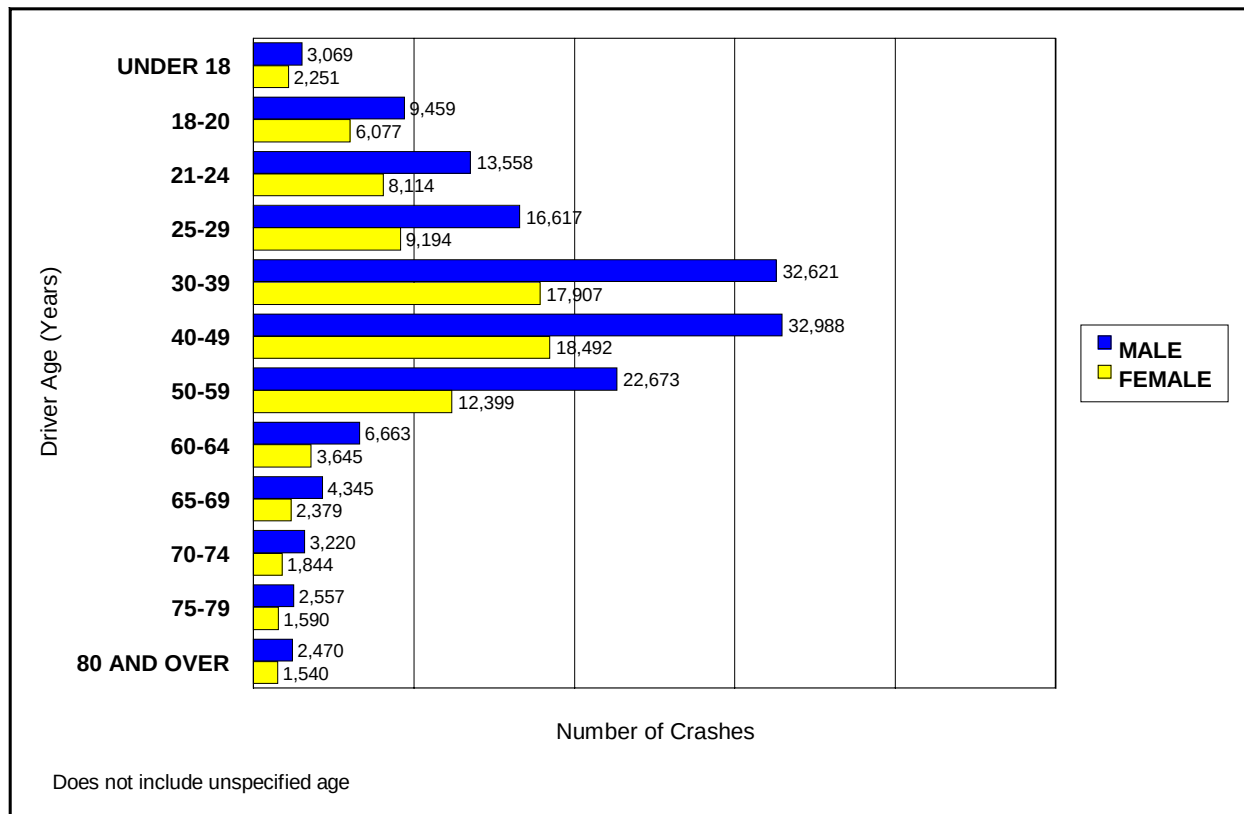


FIGURE 25
MOTOR VEHICLE CRASHES
BY DAY OF WEEK - 2005

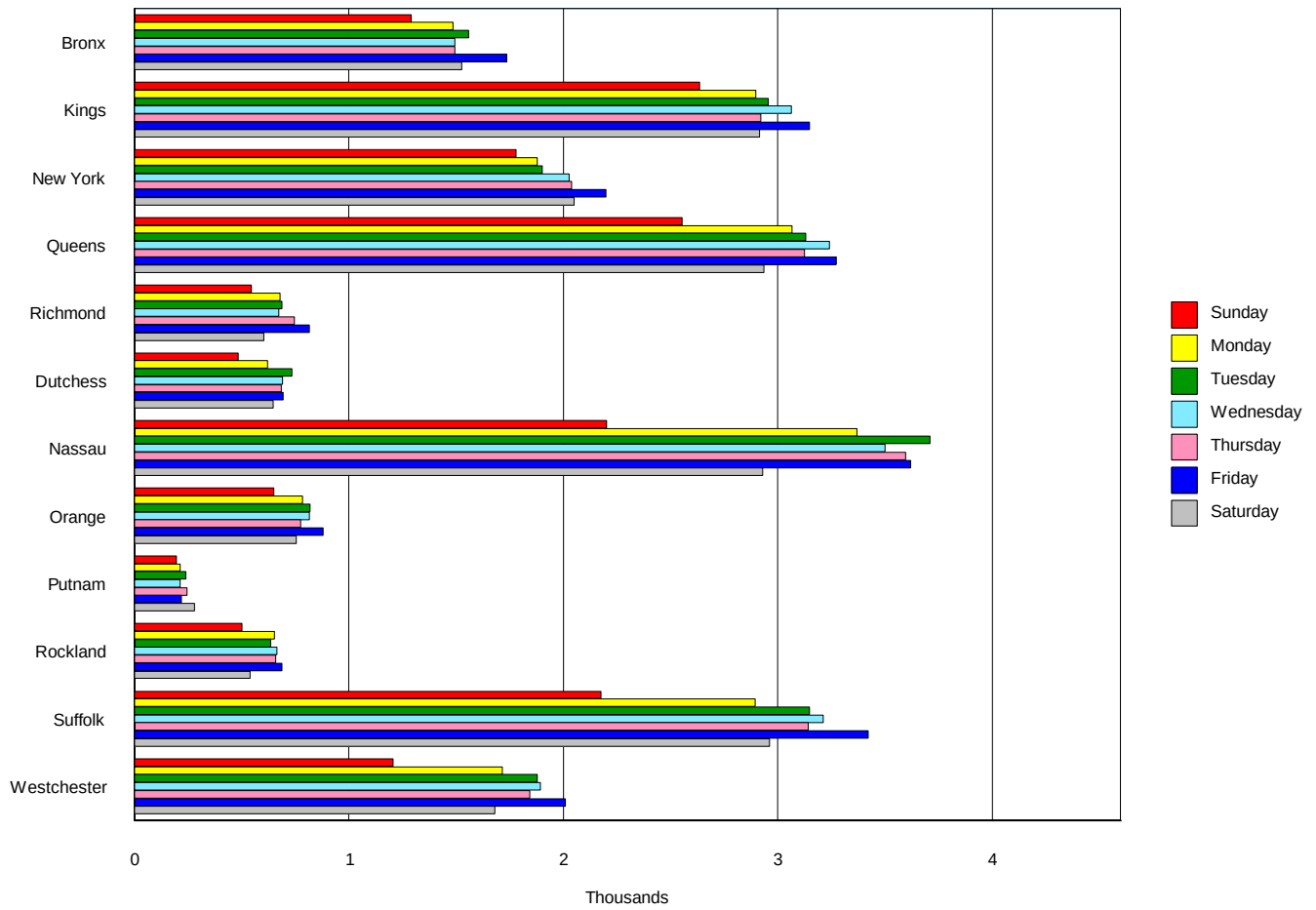


FIGURE 25A
LICENSED DRIVERS

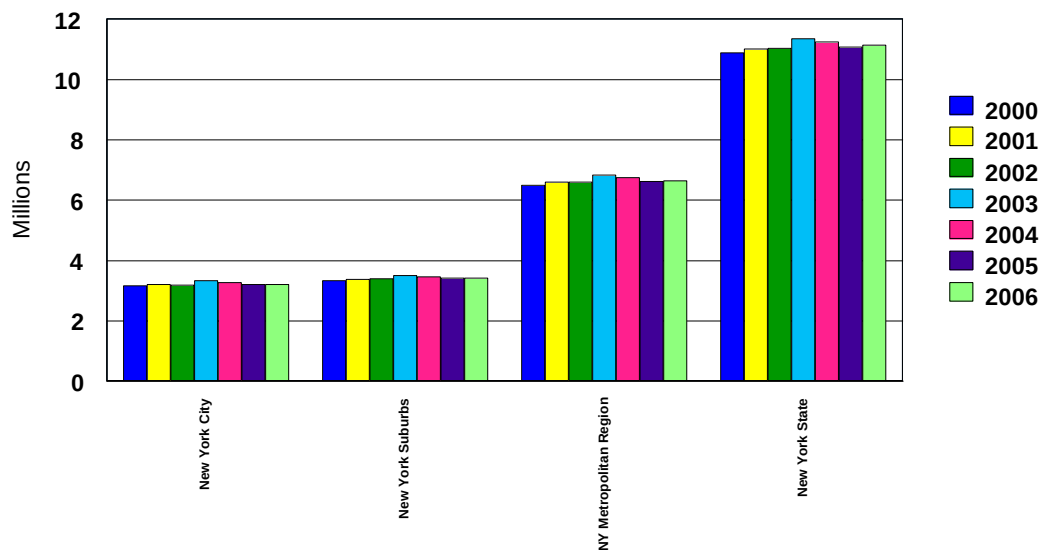
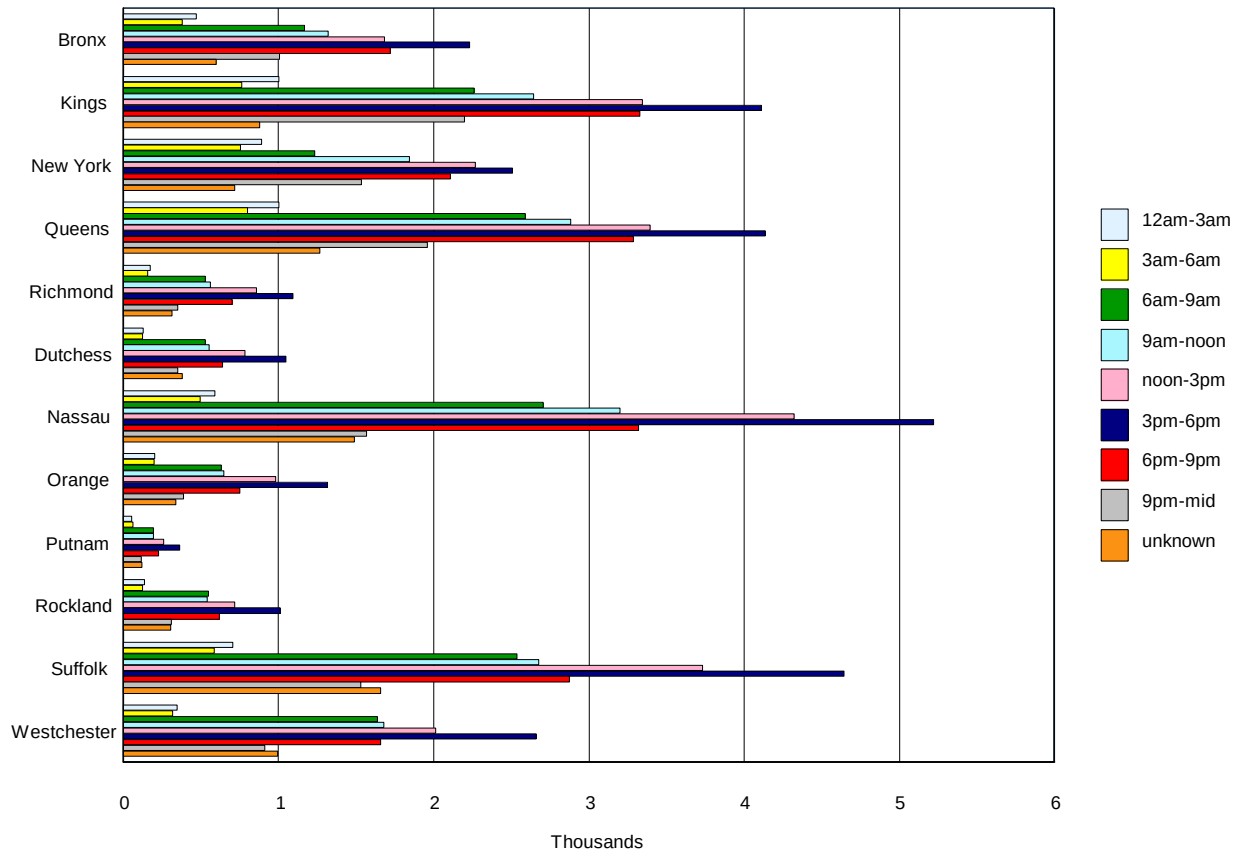


FIGURE 26
MOTOR VEHICLE CRASHES
BY TIME OF DAY - 2005



Data Source: Institute for Traffic Safety Management and Research

FIGURE 27
VEHICULAR/PEDESTRIAN CRASHES
AT INTERSECTION

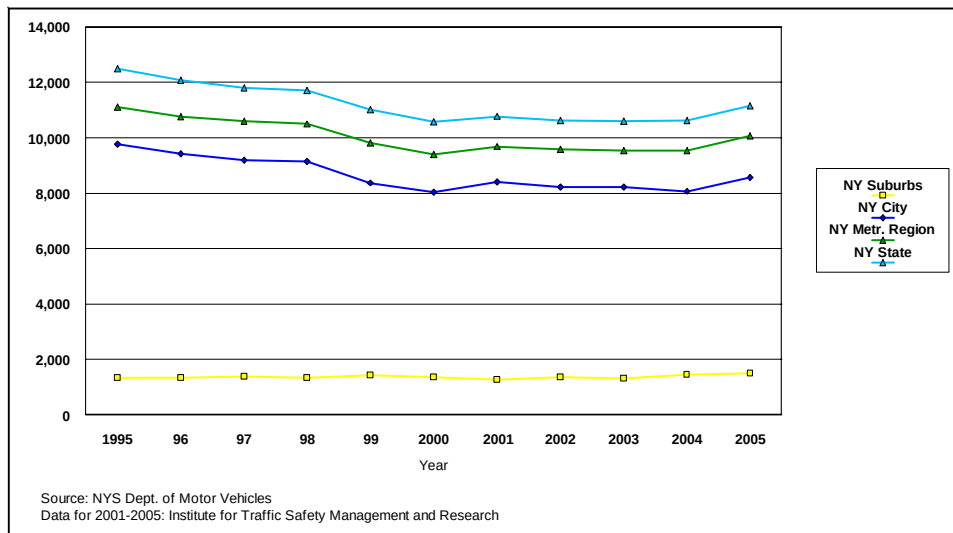


FIGURE 28
VEHICULAR/PEDESTRIAN CRASHES
NOT AT INTERSECTION (MID-BLOCK)
1995-2005

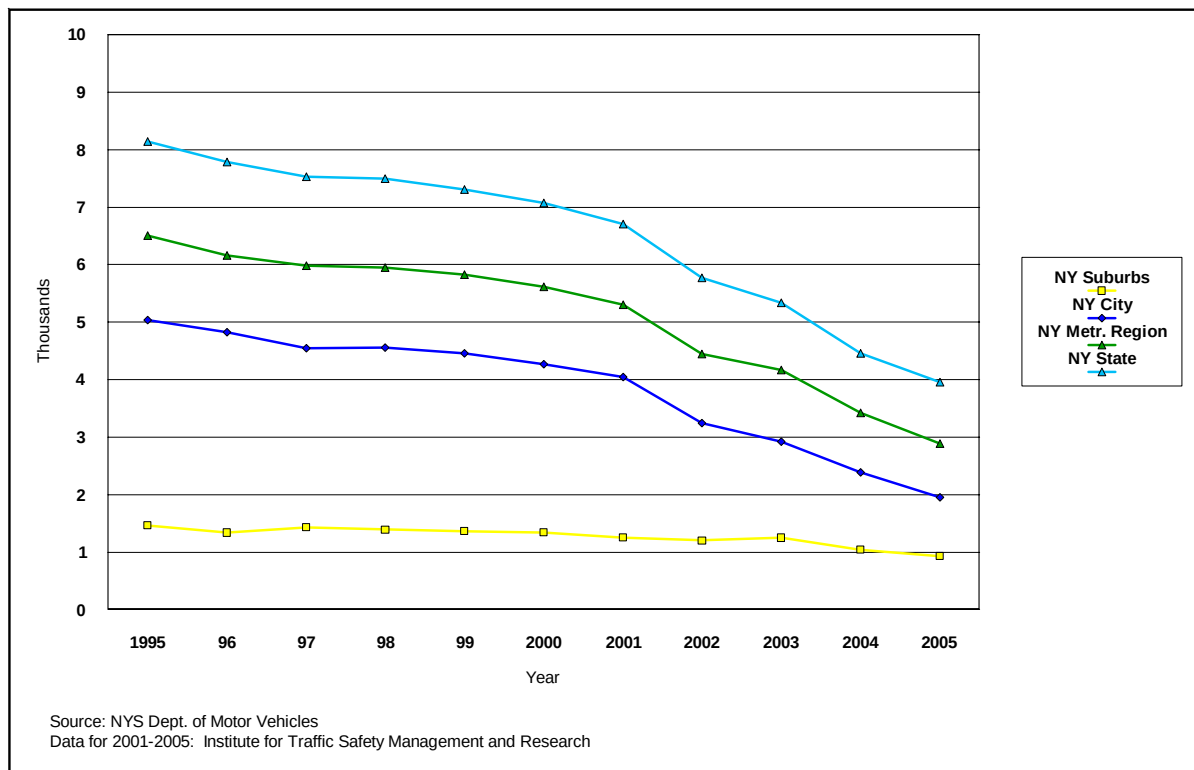


FIGURE 29
TOTAL PEDESTRIAN FATALITIES
IN VEHICULAR/PEDESTRIAN CRASHES
1995-2005

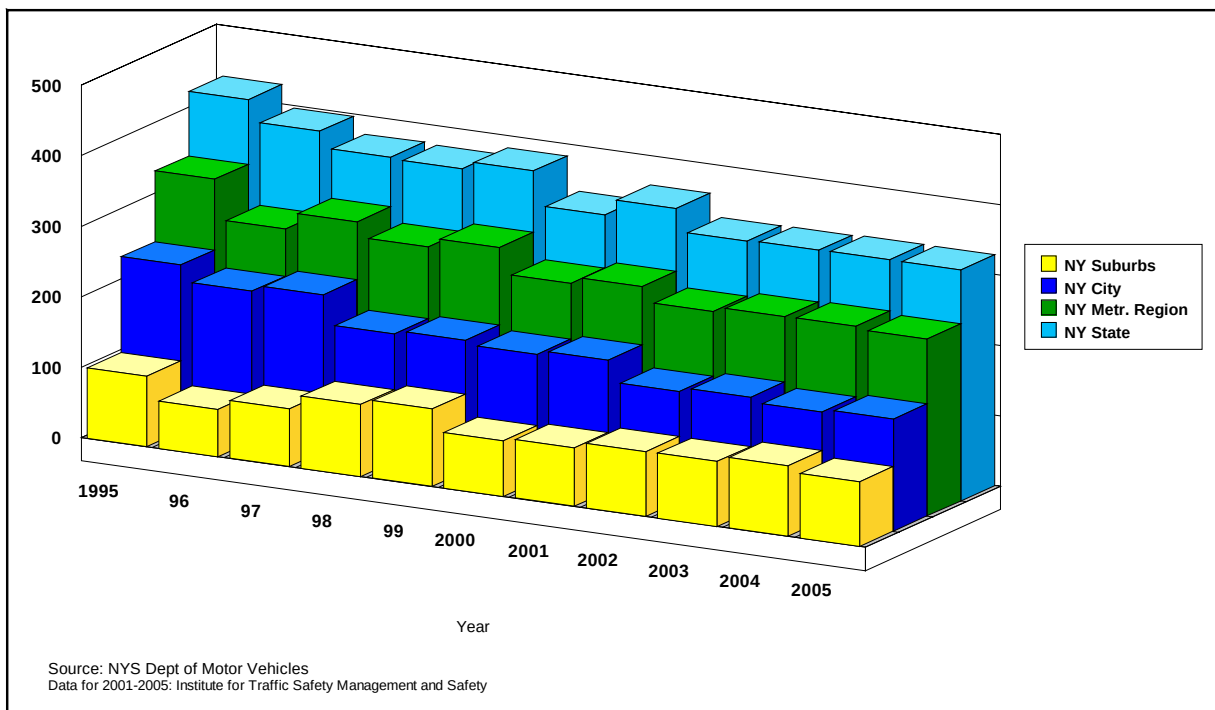




FIGURE 30
TOTAL BICYCLISTS KILLED OR INJURED
1995-2005

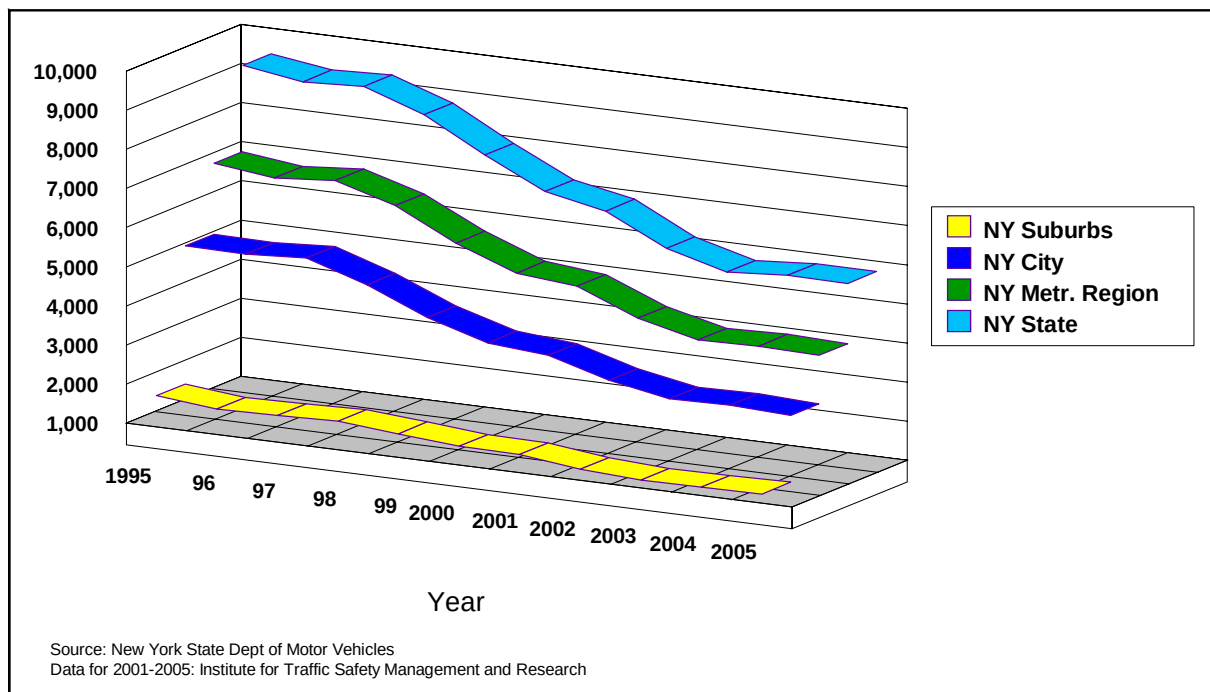


FIGURE 31
TOTAL BICYCLIST FATALITIES
IN VEHICULAR/BICYCLE CRASHES
1995-2005

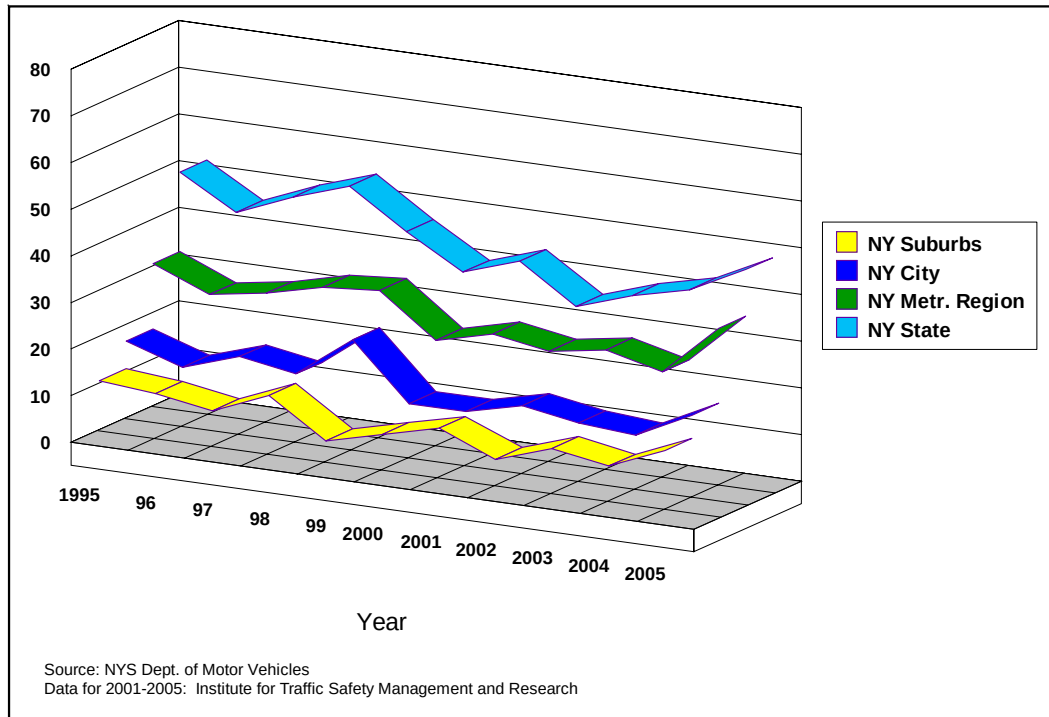
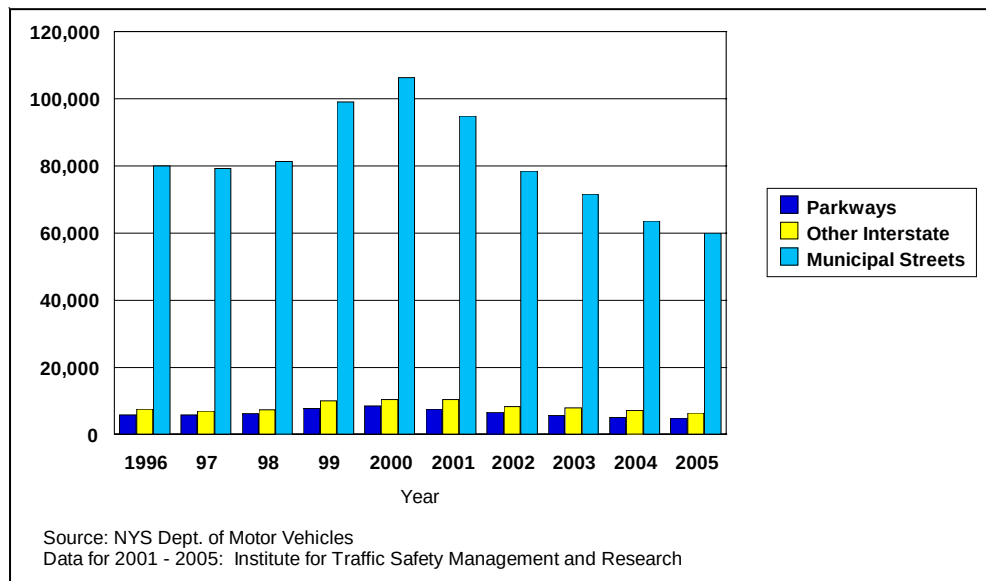
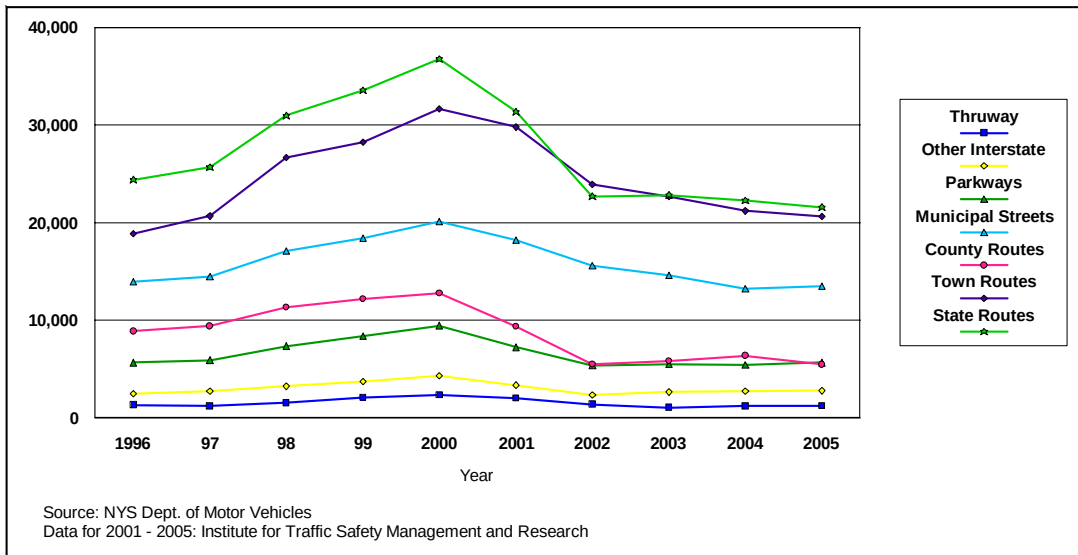


FIGURE 32
NEW YORK CITY
CRASHES ON ROAD SYSTEM BY JURISDICTION
1996-2005



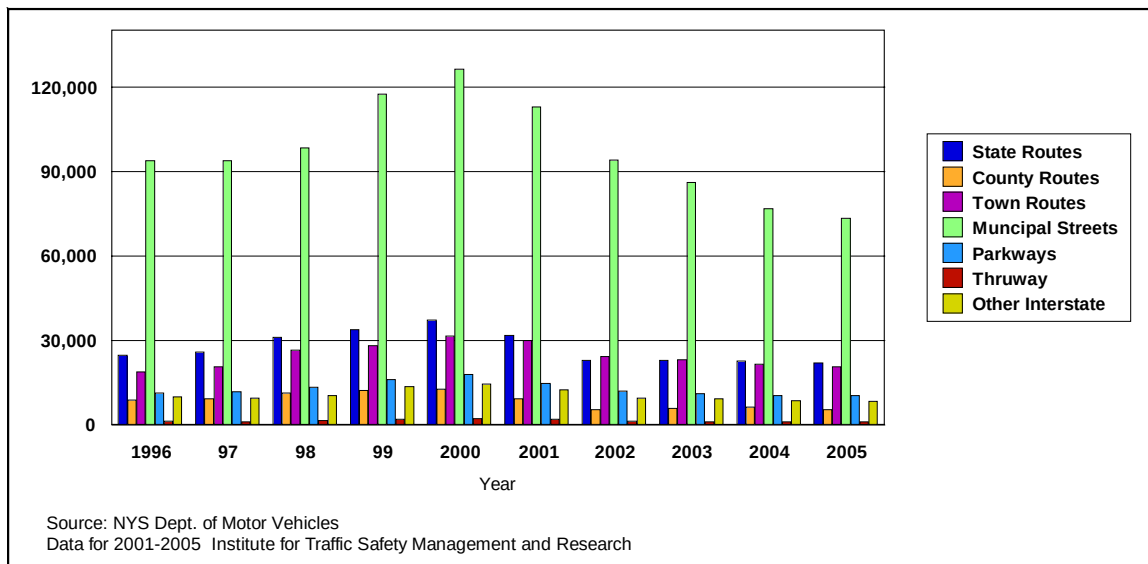
Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 33
NEW YORK SUBURBS
CRASHES ON ROAD SYSTEM BY JURISDICTION
1996-2005



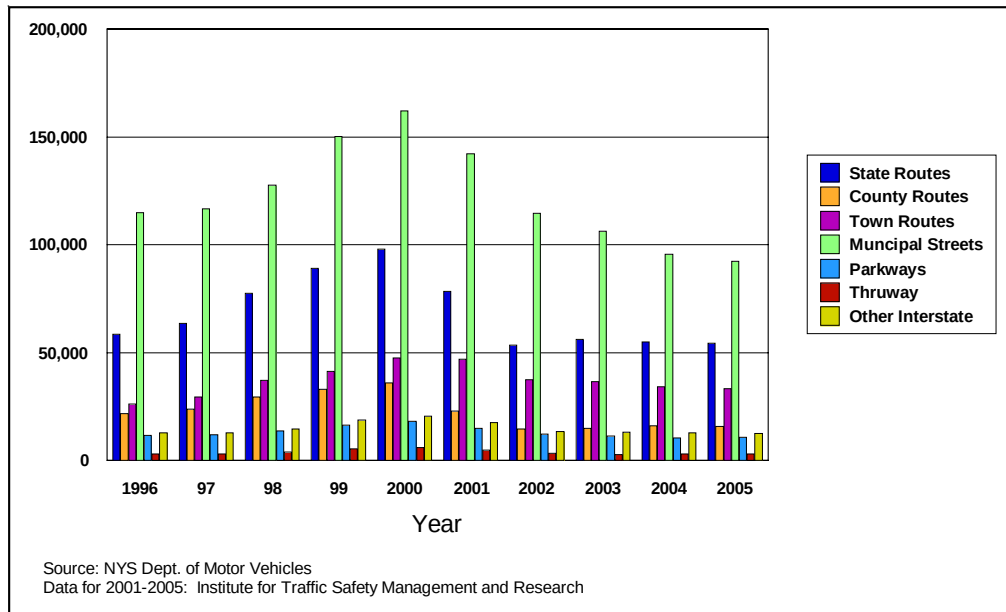
Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 34
DOWNSTATE NEW YORK
CRASHES ON ROAD SYSTEM BY JURISDICTION
1996-2005



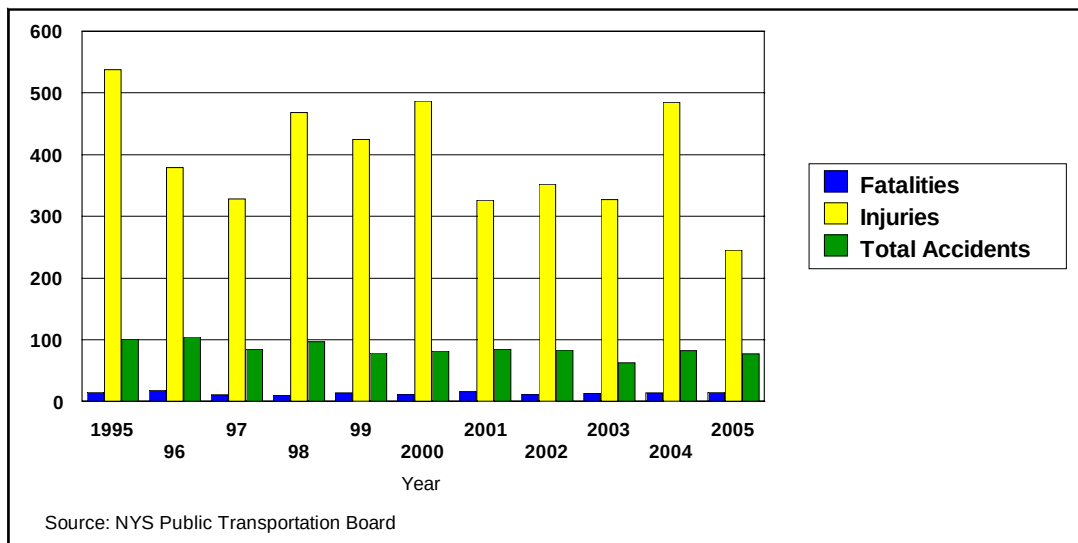
Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 35
NEW YORK STATE
CRASHES ON ROAD SYSTEM BY JURISDICTION
1996-2005



Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

FIGURE 36
TRANSIT ACCIDENTS, FATALITIES, INJURIES
METROPOLITAN TRANSPORTATION AUTHORITY
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PART III
TRANSPORTATION
SAFETY
DATA TABLES

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TABLE 1
TOTAL NUMBER OF MOTOR VEHICLE CRASHES

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	13,568	12,899	13,114	13,272	17,950	19,953	17,864	14,653	13,662	11,623	10,603
Kings	30,129	28,499	28,768	30,082	35,782	38,151	33,370	27,736	24,909	22,119	20,557
New York	19,694	19,219	18,731	18,176	22,956	24,609	21,646	16,714	15,463	14,435	13,890
Queens	29,243	27,695	26,690	28,274	34,697	36,578	33,574	28,911	25,688	22,478	21,345
Richmond	5,361	5,266	5,125	5,318	5,781	6,258	6,183	5,298	5,227	4,894	4,772
NEW YORK CITY	97,995	93,578	92,428	95,122	117,166	125,549	112,637	93,312	84,949	75,549	71,167
Dutchess	4,116	4,512	4,733	5,815	6,577	7,041	5,921	4,166	4,524	4,446	4,569
Nassau	24,196	23,948	26,599	33,100	35,212	37,716	32,297	25,305	24,461	23,675	22,941
Orange	5,260	5,403	5,528	6,866	8,204	9,604	8,183	5,870	5,886	5,652	5,494
Putnam	1,545	1,688	1,773	1,936	2,141	2,649	2,344	1,531	1,569	1,643	1,625
Rockland	4,722	4,933	4,748	5,279	6,396	7,262	6,069	4,702	4,685	4,517	4,354
Suffolk	21,630	21,729	23,262	29,642	31,407	34,854	30,518	22,742	22,356	22,044	20,976
Westchester	13,503	13,992	14,097	16,314	17,452	19,153	17,359	14,060	13,612	12,499	12,248
NEW YORK SUBURBS	74,972	76,205	80,740	98,952	107,389	118,279	102,691	78,376	77,093	74,476	72,207
DOWNSTATE NY	172,967	169,783	173,168	194,074	224,555	243,828	215,328	171,688	162,042	150,025	143,374
NEW YORK STATE	253,136	250,521	263,604	306,646	356,981	392,245	331,979	253,710	246,926	232,758	225,848
Downstate % of NYS	68.3	67.8	65.7	63.3	62.9	62.2	64.9	67.7	65.6	64.5	63.5

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 2
MOTOR VEHICLE CRASHES
RESULTING IN FATALITY

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	74	54	72	49	59	49	55	58	46	53	42
Kings	117	109	134	115	114	105	111	92	85	86	97
New York	96	84	81	59	66	70	55	50	64	47	65
Queens	132	116	123	112	118	100	104	108	103	79	89
Richmond	19	17	14	22	15	24	27	20	22	23	21
NEW YORK CITY	438	380	424	357	372	348	352	328	320	288	314
Dutchess	30	22	31	27	29	29	39	15	32	39	31
Nassau	101	75	112	101	123	94	93	110	104	110	99
Orange	35	37	39	31	43	30	36	43	47	39	47
Putnam	12	16	13	12	15	10	10	12	12	8	11
Rockland	20	14	26	26	22	18	20	25	18	29	22
Suffolk	166	153	147	162	153	151	164	151	155	158	149
Westchester	65	63	54	52	51	56	54	72	52	59	43
NEW YORK SUBURBS	429	380	422	411	436	388	416	428	420	442	402
DOWNSTATE NY	867	760	846	768	808	736	768	756	740	730	716
NEW YORK STATE	1,557	1,451	1,488	1,395	1,460	1,358	1,431	1,390	1,351	1,369	1,308
Downstate % of NYS	55.7	52.4	56.9	55.1	55.3	54.2	53.7	54.4	54.8	53.3	54.7
UNITED STATES	37,241	37,351	37,280	37,081	37,043	37,409	37,795	38,309	38,252	38,253	39,189
Downstate % of Nation	2.3	2.0	2.3	2.1	2.2	2.0	2.0	2.0	1.9	1.9	1.8

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 3
FATALITY RATE OF MOTOR VEHICLE CRASHES
PER 100,000 POPULATION

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	6.19	4.52	6.06	4.10	4.94	3.68	4.11	4.28	3.37	4.02	3.09
Kings	5.13	4.79	5.98	5.07	5.03	4.26	4.50	3.70	3.44	3.53	3.90
New York	6.29	5.48	5.27	3.80	4.25	4.55	3.57	3.23	4.09	3.13	4.08
Queens	6.69	5.86	6.23	5.60	5.90	4.49	4.68	4.83	4.63	3.57	3.97
Richmond	4.79	4.26	3.48	5.40	3.63	5.41	6.00	4.37	4.79	5.06	4.52
NEW YORK CITY	5.94	5.15	5.77	4.81	5.01	4.35	4.39	4.06	3.96	3.64	3.86
Dutchess	11.47	8.38	11.71	10.18	10.81	10.35	13.71	5.21	11.00	14.14	10.51
Nassau	7.75	5.75	8.59	7.76	9.42	7.04	6.97	8.18	7.76	8.35	7.43
Orange	10.86	11.40	11.92	9.42	12.87	8.78	10.32	12.05	12.94	10.94	12.60
Putnam	13.31	17.59	14.07	12.85	15.82	10.44	10.29	12.21	12.05	7.97	10.94
Rockland	7.22	5.03	9.29	9.24	7.75	6.28	6.93	8.57	6.14	10.15	7.51
Suffolk	12.28	11.28	10.79	11.81	11.06	10.64	11.40	10.35	10.56	10.93	10.10
Westchester	7.29	7.05	6.03	5.79	5.63	6.06	5.81	7.68	5.53	6.43	4.57
NEW YORK SUBURBS	9.54	8.43	9.32	9.05	10.23	8.97	8.81	8.96	8.76	9.41	8.36
DOWNSTATE NY	7.30	6.39	7.13	6.42	7.00	6.05	6.03	5.88	5.75	5.79	5.53
NEW YORK STATE	8.56	7.98	8.20	7.68	8.02	7.16	7.53	7.26	7.04	7.35	6.79
UNITED STATES	14.17	14.08	13.93	13.72	13.58	13.29	13.27	14.80	13.15	13.39	13.22

Source: NYMTC estimates based on statistics from New York State Dept. of Motor Vehicles and Census Bureau
2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 4
MOTOR VEHICLE CRASHES
RESULTING IN INJURY

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	11,249	10,612	10,904	11,071	11,960	13,194	12,447	11,978	10,957	9,086	8,213
Kings	26,286	25,062	25,559	26,721	26,511	27,190	25,229	23,698	20,983	18,371	16,846
New York	16,250	15,824	15,711	15,243	14,679	14,624	14,058	13,340	11,833	10,886	10,457
Queens	23,461	22,000	21,849	23,160	23,875	24,459	23,456	22,655	19,565	16,855	15,884
Richmond	4,188	4,242	4,133	4,204	3,808	3,805	3,976	3,857	3,712	3,462	3,250
NEW YORK CITY	81,434	77,740	78,156	80,399	80,833	83,272	79,166	75,528	67,050	58,660	54,650
Dutchess	2,800	2,901	2,829	2,646	2,818	2,755	2,639	2,650	2,742	2,686	2,557
Nassau	16,997	16,884	16,828	16,933	16,681	17,304	16,528	16,959	16,172	15,492	14,564
Orange	3,631	3,674	3,324	3,364	3,511	3,662	3,524	3,831	3,701	3,681	3,447
Putnam	960	1,030	1,033	910	954	959	950	874	882	905	869
Rockland	3,162	3,206	2,998	2,849	2,930	3,160	2,990	2,970	2,928	2,853	2,755
Suffolk	15,483	15,603	14,656	14,974	14,621	15,233	15,055	15,583	14,894	14,701	13,635
Westchester	8,683	8,822	8,577	8,647	8,409	8,672	8,426	8,429	8,040	7,240	7,063
NEW YORK SUBURBS	51,716	52,120	50,245	50,323	49,924	51,745	50,112	51,296	49,359	47,558	44,890
DOWNSTATE NY	133,150	129,860	128,401	130,722	130,757	135,017	129,278	126,824	116,409	106,218	99,540
NEW YORK STATE	189,201	185,670	182,526	181,766	182,768	188,770	178,772	179,132	167,514	154,980	146,643
Downstate % of NYS	70.4	69.9	70.3	71.9	71.5	71.5	72.3	70.8	69.5	68.5	67.9
UNITED STATES	2,334,623	2,410,794	2,400,000	2,029,000	2,054,000	2,070,000	2,003,000	1,929,000	1,925,000	1,862,000	1,816,000
Downstate % of Nation	5.7	5.4	5.4	6.4	6.4	6.5	6.5	6.6	6.0	5.7	5.5

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 5
**MOTOR VEHICLE CRASHES
 RESULTING IN PROPERTY DAMAGE**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	2,245	2,233	2,138	2,152	5,931	6,710	5,362	2,617	2,659	2,484	2,348
Kings	3,726	3,328	3,075	3,246	9,157	10,856	8,030	3,946	3,841	3,662	3,614
New York	3,348	3,311	2,939	2,874	8,211	9,913	7,533	3,324	3,566	3,502	3,368
Queens	5,650	5,379	4,718	5,002	10,704	12,019	10,014	6,148	6,020	5,544	5,372
Richmond	1,154	1,007	978	1,092	1,958	2,429	2,180	1,421	1,493	1,409	1,501
NEW YORK CITY	16,123	15,258	13,848	14,366	35,961	41,927	33,119	17,456	17,579	16,601	16,203
Dutchess	1,286	1,589	1,873	3,142	3,730	4,257	3,243	1,501	1,750	1,721	1,981
Nassau	7,098	6,989	9,659	16,066	18,408	20,318	15,676	8,236	8,185	8,073	8,278
Orange	1,594	1,692	2,165	3,471	4,650	5,912	4,623	1,996	2,138	1,932	2,000
Putnam	573	642	727	1,014	1,172	1,680	1,384	645	675	730	745
Rockland	1,540	1,713	1,724	2,404	3,444	4,084	3,059	1,707	1,739	1,635	1,577
Suffolk	5,981	5,973	8,459	14,506	16,633	19,470	15,299	7,008	7,307	7,185	7,192
Westchester	4,755	5,107	5,466	7,615	8,992	10,425	8,879	5,559	5,520	5,200	5,142
NEW YORK SUBURBS	22,827	23,705	30,073	48,218	57,029	66,146	52,163	26,652	27,314	26,476	26,915
DOWNSTATE NY	38,950	38,963	43,921	62,584	92,990	108,073	85,282	44,108	44,893	43,077	43,118
NEW YORK STATE	62,378	63,400	79,590	123,485	172,753	202,117	151,776	73,188	78,061	76,409	77,897
Downstate % of NYS	62.4	61.5	55.2	50.7	53.8	53.5	56.2	60.3	57.5	56.4	55.4

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data collection and reporting protocols with respect to property damage only (PDO) crashes, data on PDO crashes in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 6
TOTAL FATALITIES AND INJURIES
IN ALL CRASHES

	2001	2002	2003	2004	2005	2001	2002	2003	2004	2005
	Total Fatalities (Persons)					Total Injuries (Persons)				
Bronx	59	60	46	56	43	19,093	18,769	16,896	13,511	12,226
Kings	123	98	89	91	100	38,981	36,611	32,114	27,074	24,837
New York	62	52	68	47	68	19,755	19,052	16,292	14,671	13,782
Queens	107	115	117	81	96	35,512	35,147	29,766	24,544	22,908
Richmond	30	22	24	23	21	5,654	5,636	5,376	5,104	4,588
NEW YORK CITY	381	347	344	298	328	118,995	115,215	100,444	84,904	78,341
Dutchess	42	16	38	46	33	3,744	3,752	3,843	3,804	3,526
Nassau	102	115	114	121	107	24,076	24,728	23,458	22,462	21,076
Orange	38	46	51	42	52	5,063	5,538	5,332	5,291	4,931
Putnam	11	12	13	8	11	1,308	1,418	1,262	1,275	1,184
Rockland	21	30	19	33	22	4,315	4,270	4,204	4,020	3,808
Suffolk	179	163	164	171	160	21,561	22,938	21,582	21,420	19,749
Westchester	57	81	53	63	45	11,385	11,694	11,058	10,025	9,660
NEW YORK SUBURBS	450	463	452	484	430	71,452	74,338	70,739	68,297	63,934
DOWNSTATE NY	831	810	796	782	758	190,447	189,553	171,183	153,201	142,275
NEW YORK STATE	1,554	1,509	1,477	1,495	1,410	259,143	262,884	242,173	220,837	206,514
Downstate % of NYS	53.5	53.7	53.9	52.3	53.8	73.5	72.1	70.7	69.4	68.9
UNITED STATES	42,116	42,815	42,600	42,636	43,443	3,033,000	2,926,000	2,889,000	2,788,000	2,699,000
Downstate % of Nation	2.0	1.9	1.9	1.8	1.7	6.3	6.5	5.9	5.5	5.3

Source: Institute for Traffic Safety Management and Research

TABLE 6A
FATALITIES BY CATEGORY*
2003-2005

	2003				2004				2005			
	Drivers	Passengers	Pedestrians	Bicyclists	Drivers	Passengers	Pedestrians	Bicyclists	Drivers	Passengers	Pedestrians	Bicyclists
Bronx	18	5	22	1	16	7	30	3	15	6	19	3
Kings	27	5	53	4	24	13	52	2	31	14	47	8
New York	11	8	41	8	8	2	35	2	12	3	46	6
Queens	48	28	38	3	29	13	30	8	35	19	39	3
Richmond	10	6	8	0	12	3	8	0	8	4	8	1
NEW YORK CITY	114	52	162	16	89	38	155	15	101	46	159	21
Dutchess	25	9	3	1	27	15	4	0	21	9	3	0
Nassau	65	16	28	5	57	27	34	2	44	21	38	4
Orange	31	14	4	2	29	10	2	1	35	8	7	2
Putnam	5	7	1	0	5	1	2	0	8	1	2	0
Rockland	8	5	5	1	22	7	3	1	11	4	5	2
Suffolk	95	24	41	4	89	34	41	7	97	27	30	6
Westchester	34	9	10	0	37	12	14	0	27	9	7	2
NEW YORK SUBURBS	263	84	92	13	266	106	100	11	243	79	92	16
DOWNSTATE NY	377	136	254	29	355	144	255	26	344	125	251	37
NEW YORK STATE	809	302	327	38	823	301	328	41	770	264	328	47
Downstate % of NYS	46.6	45.0	77.7	76.3	43.1	47.8	77.7	63.4	44.7	47.3	76.5	78.7
*Excludes Other												
Source: Institute for Traffic Safety Management and Research												

TABLE 6B
INJURIES BY CATEGORY*
2003-2005

	2003				2004				2005			
	Drivers	Passengers	Pedestrians	Bicyclists	Drivers	Passengers	Pedestrians	Bicyclists	Drivers	Passengers	Pedestrians	Bicyclists
Bronx	8,170	6,386	1,901	337	6,863	4,664	1,556	327	6,241	4,143	1,508	252
Kings	15,505	11,293	3,951	1,161	13,443	8,771	3,546	1,147	12,168	7,933	3,473	1,093
New York	6,685	5,382	3,223	898	5,966	4,533	3,173	904	5,511	4,037	3,177	970
Queens	16,244	10,545	2,284	504	13,783	7,869	2,191	547	12,918	7,095	2,198	549
Richmond	3,311	1,623	352	61	3,066	1,564	374	71	2,803	1,368	336	60
NEW YORK CITY	49,915	35,229	11,711	2,961	43,121	27,401	10,840	2,996	39,641	24,576	10,692	2,924
Dutchess	2,755	956	77	42	2,661	1,011	81	45	2,551	860	79	30
Nassau	15,667	6,264	970	467	15,177	5,731	996	488	14,177	5,461	905	460
Orange	3,530	1,580	153	57	3,582	1,487	163	42	3,377	1,360	126	63
Putnam	905	318	34	5	902	352	13	8	881	277	15	11
Rockland	2,827	1,180	142	38	2,746	1,065	157	44	2,655	956	134	52
Suffolk	14,953	5,552	583	452	14,812	5,526	581	443	13,752	4,953	533	470
Westchester	7,242	2,962	672	135	6,539	2,708	605	137	6,336	2,458	692	141
NEW YORK SUBURBS	47,879	18,812	2,631	1,196	46,419	17,880	2,596	1,207	43,729	16,325	2,484	1,227
DOWNSTATE NY	97,794	54,041	14,342	4,157	89,540	45,281	13,436	4,203	83,370	40,901	13,176	4,151
NEW YORK STATE	145,159	73,739	16,665	5,581	134,794	63,772	15,678	5,690	126,615	57,991	15,392	5,680
Downstate % of NYS	67.4	73.3	86.1	74.5	66.4	71.0	85.7	73.9	65.8	70.5	85.6	73.1
*Excludes Other												
Source: Institute for Traffic Safety Management and Research												

TABLE 7
**MOTOR VEHICLE CRASHES
 WITH CONTRIBUTING HUMAN FACTORS**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	10,293	10,035	9,936	10,089	16,252	18,748	10,286	6,175	4,706	3,722	3,037
Kings	28,859	26,817	25,843	27,468	36,636	39,450	22,701	13,640	10,046	8,621	7,802
New York	18,276	18,380	17,645	16,875	22,259	24,709	13,957	7,743	6,196	5,902	5,674
Queens	23,119	21,562	20,706	22,415	29,162	30,717	18,926	10,631	7,449	6,748	6,590
Richmond	4,535	4,323	4,180	4,295	5,041	5,106	3,688	2,396	2,133	2,042	1,652
NEW YORK CITY	85,082	81,117	78,310	81,142	109,350	118,730	69,558	40,585	30,530	27,035	24,755
Dutchess	3,208	3,452	3,769	4,532	5,111	5,495	3,779	2,250	2,063	2,126	2,270
Nassau	19,579	19,287	23,200	29,918	31,896	34,301	24,063	14,631	11,994	11,847	11,844
Orange	4,505	4,508	4,468	6,008	6,781	7,993	5,351	3,377	2,852	2,946	3,105
Putnam	1,195	1,243	1,375	1,605	1,735	2,199	1,568	804	659	766	835
Rockland	4,041	3,989	4,108	4,793	5,710	6,520	4,381	2,682	2,140	2,158	2,297
Suffolk	19,142	18,565	21,393	28,103	29,312	32,640	22,058	13,185	10,376	10,522	10,203
Westchester	7,696	8,081	9,045	10,982	11,855	13,524	9,187	5,813	4,824	4,628	5,064
NEW YORK SUBURBS	59,366	59,125	67,358	85,941	92,400	102,672	70,387	42,742	34,908	34,993	35,618
DOWNSTATE NY	144,448	140,242	145,668	167,083	201,750	221,402	139,945	83,327	65,438	62,028	60,373
NEW YORK STATE	213,552	209,673	222,969	265,169	312,481	344,232	215,599	128,565	104,342	100,752	101,734
Downstate % of NYS	67.6	66.9	65.3	63.0	64.6	64.3	64.9	64.8	62.7	61.6	59.3

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on contributing factors in crashes in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 8
**MOTOR VEHICLE CRASHES
 WITH CONTRIBUTING HUMAN FACTORS
 OF ALCOHOL INVOLVEMENT**

	2002 *	2003 *	2004 *	2005 *	2002 a	2002 b	2003 a	2003 b	2004 a	2004 b	2005 a	2005 b
Bronx	163	134	152	124	2.6	1.5	2.8	1.5	4.1	2.1	4.1	1.9
Kings	316	285	257	267	2.3	1.5	2.8	1.7	3.0	1.7	3.4	1.9
New York	172	202	174	176	2.2	1.4	3.3	2.0	2.9	1.9	3.1	1.9
Queens	259	227	215	236	2.4	1.3	3.0	1.5	3.2	1.6	3.6	1.8
Richmond	70	72	78	70	2.9	1.9	3.4	2.3	3.8	2.6	4.2	2.5
NEW YORK CITY	980	920	876	873	2.4	1.4	3.0	1.7	3.2	1.8	3.5	1.9
Dutchess	145	131	135	130	6.4	5.4	6.3	5.3	6.3	5.3	5.7	4.8
Nassau	440	372	423	398	3.0	2.6	3.1	2.7	3.6	3.1	3.4	3.0
Orange	181	184	158	164	5.4	4.5	6.5	5.4	5.4	4.5	5.3	4.5
Putnam	48	38	43	46	6.0	5.1	5.8	4.8	5.6	4.9	5.5	4.8
Rockland	102	95	108	92	3.8	3.1	4.4	3.6	5.0	4.1	4.0	3.3
Suffolk	575	495	487	478	4.4	3.7	4.8	4.0	4.6	3.9	4.7	4.0
Westchester	310	241	227	265	5.3	3.7	5.0	3.5	4.9	3.5	5.2	3.8
NEW YORK SUBURBS	1,801	1,556	1,581	1,573	4.2	3.5	4.5	3.7	4.5	3.8	4.4	3.7
DOWNSTATE NY	2,781	2,476	2,457	2,446	3.3	2.3	3.8	2.6	4.0	2.7	4.1	2.8
NEW YORK STATE	6,072	5,320	5,306	5,302	4.7	3.5	5.1	3.7	5.3	3.9	5.2	3.8
Downstate % of NYS	45.80	46.54	46.31	46.13								

a = % of human factor crashes with alcohol involvement b = % of all police reported crashes

* These numbers represent the total number of accidents in which the police checked "alcohol involvement" as apparent contributing factors on the police accident report form.

Source: Institute for Traffic Safety Management and Research

TABLE 8A
**DRIVERS BY AGE AND GENDER
 IN MOTOR VEHICLE CRASHES
 WITH CONTRIBUTING HUMAN FACTORS
 OF ALCOHOL INVOLVEMENT**

AGE	2005 BY AGE OF FEMALE DRIVER			
	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	0	1	1	2
16-17	1	14	15	43
18-20	8	62	70	183
21-24	26	84	110	269
25-29	40	80	120	247
30-34	34	59	93	193
35-39	24	90	114	251
40-44	37	88	125	259
45-49	15	79	94	219
50-54	9	49	58	123
55-59	9	34	43	77
60-64	6	14	20	45
65-69	2	11	13	28
70-74	2	6	8	13
75-79	1	5	6	15
80 AND OVER	2	3	5	9
UNSPECIFIED AGE	2	1	3	4
TOTAL	218	680	898	1,980
AGE	BY AGE OF MALE DRIVER			
	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	0	1	1	4
16-17	5	43	48	103
18-20	68	186	254	544
21-24	138	255	393	947
25-29	196	267	463	848
30-34	155	250	405	663
35-39	147	215	362	674
40-44	171	265	436	732
45-49	126	193	319	588
50-54	86	125	211	379
55-59	52	98	150	276
60-64	45	66	111	190
65-69	21	22	43	85
70-74	13	14	27	59
75-79	7	4	11	30
80 AND OVER	7	3	10	27
UNSPECIFIED AGE	13	9	22	23
TOTAL	1,250	2,016	3,266	6,172
Source: Institute for Traffic Safety Management and Research				

TABLE 8B
MOTOR VEHICLE CRASHES *
WITH CONTRIBUTING HUMAN FACTORS
RELATED TO ROAD RAGE

	2002	2003	2004	2005
Bronx	126	152	121	79
Kings	250	225	213	201
New York	156	144	151	177
Queens	159	161	126	177
Richmond	26	41	33	36
NEW YORK CITY	717	723	644	670
Dutchess	12	6	12	13
Nassau	57	50	53	48
Orange	12	13	20	18
Putnam	1	2	3	2
Rockland	9	5	12	20
Suffolk	102	75	77	95
Westchester	35	31	26	23
NEW YORK SUBURBS	228	182	203	219
DOWNSTATE NY	945	905	847	889
NEW YORK STATE	1,146	1,138	1,096	1,158
New York City % of NYS	62.6	63.5	58.8	57.9
Downstate % of NYS	82.5	79.5	77.3	76.8
* Police Reported Crashes				
Source: Institute for Traffic Safety Management and Research				

TABLE 8C
2005 MOTOR VEHICLE CRASHES
SAFETY EQUIPMENT USE

	Motor Vehicle Occupants			Motorcyclists			Bicyclists		
	Total	No Restraint Used	Percent*	Total	No Helmet Used	Percent*	Total	No Helmet Used	Percent*
Bronx	18,616	1,139	6.1	168	36	21.4	253	97	38.3
Kings	38,772	2,008	5.2	352	70	19.9	1,115	358	32.1
New York	22,624	3,006	13.3	338	88	26.0	970	294	30.3
Queens	36,058	1,501	4.2	281	53	18.9	544	191	35.1
Richmond	7,884	237	3.0	63	14	22.2	63	19	30.2
NEW YORK CITY	123,954	7,891	6.4	1,202	261	21.7	2,945	959	32.6
Dutchess	6,607	227	3.4	100	8	8.0	30	19	63.3
Nassau	37,409	1,172	3.1	337	41	12.2	469	250	53.3
Orange	9,467	340	3.6	164	18	11.0	68	36	52.9
Putnam	2,359	115	4.9	45	0	0.0	11	5	45.5
Rockland	7,455	235	3.2	103	10	9.7	55	12	21.8
Suffolk	31,162	1,063	3.4	463	74	16.0	473	174	36.8
Westchester	17,835	699	3.9	183	21	11.5	141	60	42.6
NEW YORK SUBURBS	112,294	3,851	3.4	1,395	172	12.3	1,247	556	44.6
DOWNSTATE NY	236,248	11,742	5.0	2,597	433	16.7	4,192	1,515	36.1
NEW YORK STATE	357,729	16,766	4.7	5,081	682	13.4	5,745	2,301	40.1

*Percent of total without restraint used
Source: Institute for Traffic Safety Management and Research
Police Reported Crashes

TABLE 8D
**2005 MOTOR VEHICLE CRASHES
 WITH HUMAN, ENVIRONMENTAL AND VEHICULAR FACTORS
 BY COUNTY**

	Bronx	Kings	New York	Queens	Richmond	Dutchess	Nassau	Orange	Putnam	Rockland	Suffolk	Westchester
Human Factors												
TRAFFIC CONTROL DISREGARDED	235	746	425	661	89	135	1,001	140	39	113	858	241
DRIVER INATTENTION	942	2,917	2,126	2,137	696	458	1,123	741	94	402	2,625	976
FAILURE TO YIELD R.O.W.	471	1,491	971	1,342	255	431	3,141	600	144	422	2,571	796
FOLLOWING TOO CLOSELY	435	1,013	820	951	262	425	3,588	698	194	683	1,902	1,198
UNSAFE SPEED	332	644	471	742	143	535	1,286	568	255	368	1,383	1,042
UNSAFE LANE CHANGING	154	254	310	275	51	54	610	145	27	143	339	335
TURNING IMPROPERLY	206	442	373	334	63	74	503	129	26	74	557	185
Environmental Factors												
ANIMALS ACTION	3	8	6	11	2	208	23	221	45	75	83	105
GLARE	45	130	57	134	52	39	210	63	13	60	171	97
OBSTRUCTION/DEBRIS	26	41	44	77	21	13	44	42	14	35	60	56
PAVEMENT SLIPPERY	235	545	283	569	141	393	1,055	465	166	278	1,149	719
VIEW OBSTRUCTED/LIMITED	82	177	141	186	65	58	280	89	26	89	279	141
Vehicular Factors												
BRAKES DEFECTIVE	78	124	82	137	38	21	82	18	9	33	95	60
STEERING FAILURE	12	37	18	33	17	8	18	4	3	2	27	20
TIRE FAILURE/INADEQUATE	17	28	17	41	9	13	45	25	13	12	65	43
ACCELERATOR DEFECTIVE	10	22	17	14	7	3	15	2	3	1	13	12
OVERSIZED VEHICLE	15	40	31	27	3	2	10	6	1	2	5	11
Source: Institute for Traffic Safety Management and Research												
Misc. not included												

TABLE 9
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING VEHICULAR FACTORS

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	1,021	836	777	804	1,095	1,031	660	713	624	497	413
Kings	2,680	2,504	2,321	2,185	2,738	2,637	1,660	1,613	1,339	1,079	849
New York	1,422	1,346	1,189	1,084	1,139	1,169	786	795	620	625	532
Queens	1,968	1,795	1,753	1,610	2,013	1,902	1,385	1,336	1,041	904	826
Richmond	402	393	274	231	228	254	232	204	168	134	139
NEW YORK CITY	7,493	6,874	6,314	5,914	7,213	6,993	4,723	4,661	3,792	3,239	2,759
Dutchess	123	106	160	190	182	225	163	101	84	106	96
Nassau	476	525	499	738	737	773	649	384	326	353	316
Orange	219	232	209	278	291	362	259	149	133	128	132
Putnam	58	57	59	76	91	86	63	30	34	12	44
Rockland	160	177	156	194	232	277	193	113	113	83	99
Suffolk	632	553	679	815	883	884	760	471	387	375	395
Westchester	457	384	441	553	555	645	519	303	235	233	270
NEW YORK SUBURBS	2,125	2,034	2,203	2,844	2,971	3,252	2,606	1,551	1,312	1,290	1,352
DOWNSTATE NY	9,618	8,908	8,517	8,758	10,184	10,245	7,329	6,212	5,104	4,529	4,111
NEW YORK STATE	12,423	11,712	11,490	12,805	14,826	15,328	11,030	8,314	6,882	6,380	6,051
Downstate % of NYS	77.4	76.1	74.1	68.4	68.7	66.8	66.4	74.7	74.2	71.0	67.9

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on contributing factors in crashes in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 10
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING ENVIRONMENTAL FACTORS

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	1,830	1,779	1,445	1,484	1,907	2,028	1,294	797	746	533	410
Kings	3,699	3,667	2,852	3,045	3,491	3,599	2,595	1,662	1,319	1,111	957
New York	1,850	2,038	1,600	1,410	1,823	1,954	1,263	818	692	643	559
Queens	3,762	4,096	3,125	2,955	3,811	3,827	2,438	1,831	1,297	1,034	1,004
Richmond	867	1,032	767	788	796	816	641	440	420	351	285
NEW YORK CITY	12,008	12,612	9,789	9,682	11,828	12,224	8,231	5,548	4,474	3,672	3,215
Dutchess	1,126	1,399	1,338	1,784	2,160	2,301	1,462	629	579	577	709
Nassau	4,423	5,072	4,393	5,127	4,545	5,315	3,723	2,344	2,148	1,934	1,617
Orange	1,497	1,668	1,736	2,102	2,752	3,085	2,095	903	814	824	875
Putnam	513	695	587	615	684	944	683	239	238	220	266
Rockland	1,068	1,315	1,034	1,014	1,358	1,558	1,109	615	532	472	531
Suffolk	4,127	5,185	4,215	5,235	5,267	6,659	4,392	2,367	2,169	2,135	1,750
Westchester	2,404	2,658	2,286	2,741	2,939	3,378	2,400	1,343	1,300	1,086	1,119
NEW YORK SUBURBS	15,158	17,992	15,589	18,618	19,705	23,240	15,864	8,440	7,780	7,248	6,867
DOWNSTATE NY	27,166	30,604	25,378	28,300	31,533	35,464	24,095	13,988	12,254	10,920	10,082
NEW YORK STATE	47,252	51,706	51,230	58,806	74,181	85,281	53,727	26,419	23,063	21,560	22,248
Downstate % of NYS	57.5	59.2	49.5	48.1	42.5	41.6	44.8	52.9	53.1	50.6	45.3

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on contributing factors in crashes in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 11
**TOTAL NUMBER OF VEHICLES
 INVOLVED IN ALL TYPE OF CRASHES**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	25,071	23,936	24,363	25,044	34,843	38,989	34,756	28,133	26,169	22,281	20,244
Kings	57,218	53,868	54,609	57,498	69,915	75,273	64,904	53,510	47,544	42,214	38,713
New York	35,107	34,085	33,305	32,442	42,644	46,220	40,088	30,437	27,757	25,836	24,540
Queens	57,136	53,954	52,143	55,673	69,076	73,185	67,014	57,703	50,770	44,190	41,748
Richmond	10,438	10,212	10,028	10,416	11,394	12,420	12,219	10,537	10,267	9,621	9,426
NEW YORK CITY	184,970	176,055	174,448	181,073	227,872	246,087	218,981	180,320	162,507	144,142	134,671
Dutchess	7,205	7,859	7,995	9,771	10,808	11,547	9,987	7,132	7,811	7,581	7,696
Nassau	48,241	47,849	53,356	66,224	70,634	75,342	64,479	50,755	48,739	47,059	45,810
Orange	9,100	9,312	9,259	11,696	13,608	16,044	13,765	10,283	10,122	9,731	9,370
Putnam	2,658	2,893	3,029	3,221	3,561	4,358	3,905	2,620	2,635	2,751	2,701
Rockland	8,887	9,361	8,960	10,089	12,098	13,587	11,519	8,925	8,818	8,506	8,152
Suffolk	41,941	42,116	45,322	57,818	60,944	67,185	59,139	44,158	42,889	42,217	40,148
Westchester	25,219	26,298	26,381	30,266	32,309	35,347	32,351	26,297	25,404	23,300	22,614
NEW YORK SUBURBS	143,251	145,688	154,302	189,085	203,962	223,410	195,145	150,170	146,418	141,145	136,491
DOWNSTATE NY	328,221	321,743	328,750	370,158	431,834	469,497	414,126	330,490	308,925	285,287	271,162
NEW YORK STATE	466,820	461,589	482,607	560,734	653,141	714,839	609,334	470,685	454,108	425,702	409,705
Downstate % of NYS	70.3	69.7	68.1	66.0	66.1	65.7	68.0	70.2	68.0	67.0	66.2
Source: New York State Dept. of Motor Vehicles (years up to 2000) 2001-2005 Data from Institute for Traffic Safety Management and Research											

Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes and hence the total number of vehicles involved in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 12
**TOTAL NUMBER OF VEHICLES
 INVOLVED IN CRASHES RESULTING IN FATALITY**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	111	76	98	81	96	73	89	85	72	73	80
Kings	179	163	195	165	169	166	165	137	129	133	156
New York	141	107	108	74	100	97	74	65	83	62	83
Queens	195	191	185	177	182	146	158	186	182	106	143
Richmond	37	23	18	32	24	39	45	31	31	38	30
NEW YORK CITY	663	560	604	529	571	521	531	504	497	412	492
Dutchess	53	37	50	38	46	48	64	21	51	61	50
Nassau	159	121	177	156	174	160	160	167	164	171	144
Orange	52	56	63	50	62	43	55	65	75	56	75
Putnam	22	27	21	19	26	19	11	14	19	11	18
Rockland	21	20	42	40	29	24	30	34	24	46	33
Suffolk	252	238	235	263	246	258	262	252	239	249	248
Westchester	97	92	81	67	74	93	81	121	87	95	61
NEW YORK SUBURBS	656	591	669	633	657	645	663	674	659	689	629
DOWNSTATE NY	1,319	1,151	1,273	1,162	1,228	1,166	1,194	1,178	1,156	1,101	1,121
NEW YORK STATE	2,377	2,227	2,305	2,141	2,233	2,118	2,214	2,135	2,103	2,101	2,011
Downstate % of NYS	55.5	51.7	55.2	54.3	55.0	55.1	53.9	55.2	55.0	52.4	55.7

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 13
TOTAL NUMBER OF VEHICLES
INVOLVED IN CRASHES RESULTING IN INJURY

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	20,375	19,303	19,908	20,535	22,693	25,277	23,766	22,745	20,736	17,184	15,446
Kings	49,321	46,874	48,066	50,557	50,855	52,592	48,208	45,260	39,573	34,600	31,212
New York	28,144	27,276	27,168	26,468	25,799	26,036	24,797	23,640	20,521	18,707	17,696
Queens	45,276	42,741	42,247	45,178	47,019	48,429	46,275	44,992	38,386	32,824	30,718
Richmond	8,063	8,161	8,017	8,162	7,397	7,466	7,778	7,667	7,263	6,755	6,422
NEW YORK CITY	151,179	144,355	145,406	150,900	153,763	159,800	150,824	144,304	126,479	110,070	101,494
Dutchess	4,998	5,191	5,005	4,785	5,046	4,854	4,803	4,706	4,975	4,795	4,495
Nassau	33,769	33,660	33,576	33,906	33,462	34,613	33,036	34,043	32,233	30,752	29,072
Orange	6,388	6,498	5,771	5,988	6,188	6,505	6,268	7,005	6,658	6,644	6,100
Putnam	1,664	1,815	1,817	1,578	1,665	1,671	1,654	1,546	1,544	1,577	1,510
Rockland	6,013	6,160	5,727	5,525	5,662	6,103	5,814	5,691	5,587	5,431	5,244
Suffolk	29,941	30,200	28,481	29,166	28,338	29,534	29,289	30,305	28,632	28,252	26,199
Westchester	16,125	16,591	16,139	16,298	15,814	16,359	15,888	15,751	15,003	13,528	13,029
NEW YORK SUBURBS	98,898	100,115	96,516	97,246	96,175	99,639	96,752	99,047	94,632	90,979	85,649
DOWNSTATE NY	250,077	244,470	241,922	248,146	249,938	259,439	247,576	243,351	221,111	201,049	187,143
NEW YORK STATE	347,789	341,836	336,107	337,891	341,089	353,778	334,141	334,803	311,026	285,954	268,760
Downstate % of NYS	71.9	71.5	72.0	73.4	73.3	73.3	74.1	72.7	71.1	70.3	69.6

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 14
**TOTAL NUMBER OF VEHICLES
 INVOLVED IN CRASHES RESULTING IN PROPERTY DAMAGE**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	4,585	4,557	4,357	4,428	12,054	13,639	10,901	5,303	5,361	5,024	4,718
Kings	7,718	6,831	6,348	6,776	18,891	22,515	16,531	8,113	7,842	7,481	7,345
New York	6,822	6,702	6,029	5,900	16,743	20,087	15,217	6,732	7,153	7,067	6,761
Queens	11,665	11,022	9,711	10,318	21,875	24,610	20,581	12,525	12,202	11,260	10,887
Richmond	2,338	2,028	1,993	2,222	3,973	4,915	4,396	2,839	2,973	2,828	2,974
NEW YORK CITY	33,128	31,140	28,438	29,644	73,536	85,766	67,626	35,512	35,531	33,660	32,685
Dutchess	2,154	2,631	2,940	4,948	5,716	6,645	5,120	2,405	2,785	2,725	3,151
Nassau	14,313	14,068	19,603	32,162	36,998	40,569	31,283	16,545	16,342	16,136	16,594
Orange	2,660	2,758	3,425	5,658	7,358	9,496	7,442	3,213	3,389	3,031	3,195
Putnam	972	1,051	1,191	1,624	1,870	2,668	2,240	1,060	1,072	1,163	1,173
Rockland	2,853	3,181	3,191	4,524	6,407	7,460	5,675	3,200	3,207	3,029	2,875
Suffolk	11,748	11,678	16,606	28,389	32,360	37,393	29,588	13,601	14,018	13,716	13,701
Westchester	8,997	9,615	10,161	13,901	16,421	18,895	16,382	10,425	10,314	9,677	9,524
NEW YORK SUBURBS	43,697	44,982	57,117	91,206	107,130	123,126	97,730	50,449	51,127	49,477	50,213
DOWNSTATE NY	76,825	76,122	85,555	120,850	180,666	208,892	165,356	85,961	86,658	83,137	82,898
NEW YORK STATE	116,654	117,526	144,195	220,702	309,819	358,943	272,979	133,747	140,979	137,647	138,934
Downstate % of NYS	65.9	64.8	59.3	54.8	58.3	58.2	60.6	64.3	61.5	60.4	59.7
Source: New York State Dept. of Motor Vehicles (years up to 2000) 2001-2005 Data from Institute for Traffic Safety Management and Research											

Due to changes in data collection and reporting protocols with respect to property damage only crashes (PDO), data on the total number of vehicles involved in crashes in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 14A
LICENSED DRIVER REGISTRATION

	2000	2001	2002	2003	2004	2005	2006
Bronx	400,457	408,723	406,441	424,379	418,947	405,180	409,330
Kings	821,786	826,467	804,379	840,212	825,268	802,103	808,905
New York	638,657	657,043	673,324	700,737	695,577	692,067	689,144
Queens	1,031,113	1,044,760	1,028,009	1,067,175	1,043,055	1,010,102	1,008,551
Richmond	270,721	277,062	280,536	294,938	293,728	291,330	288,181
NEW YORK CITY	3,162,734	3,214,055	3,192,689	3,327,441	3,276,575	3,200,782	3,204,111
Dutchess	195,133	199,171	202,993	209,676	209,434	208,083	209,851
Nassau	975,198	984,913	979,873	1,002,192	992,592	977,518	981,311
Orange	223,082	229,155	235,932	245,479	246,573	245,126	247,601
Putnam	73,204	74,470	75,230	78,272	77,715	76,499	75,894
Rockland	202,983	205,530	204,622	213,025	210,125	206,296	205,078
Suffolk	1,026,826	1,047,551	1,057,556	1,087,453	1,083,810	1,071,276	1,075,347
Westchester	633,165	639,903	640,441	660,362	650,209	637,397	635,432
NEW YORK SUBURBS	3,329,591	3,380,693	3,396,647	3,496,459	3,470,458	3,422,195	3,430,514
DOWNSTATE NY	6,492,325	6,594,748	6,589,336	6,823,900	6,747,033	6,622,977	6,634,625
NEW YORK STATE	10,871,344	11,014,805	11,021,561	11,356,988	11,246,392	11,071,911	11,146,368
Downstate % of NYS	59.7	59.9	59.8	60.1	60.0	59.8	59.5

Source: New York State Dept. of Motor Vehicles

TABLE 15
**MALE DRIVERS INVOLVED IN
 MOTOR VEHICLE CRASHES**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	16,655	15,819	16,169	16,388	22,432	25,181	21,596	17,316	15,923	13,333	12,052
Kings	38,190	36,046	36,384	38,247	44,968	47,744	40,410	33,385	29,159	25,758	23,337
New York	25,786	25,006	24,535	23,601	30,435	32,646	27,497	20,603	18,526	17,062	16,186
Queens	36,781	34,713	33,041	35,380	43,016	45,475	40,618	35,205	30,354	26,131	24,399
Richmond	5,951	5,826	5,658	5,913	6,375	6,751	6,549	5,605	5,448	4,950	4,816
NEW YORK CITY	123,363	117,410	115,787	119,529	147,226	157,797	136,670	112,114	99,410	87,234	80,790
Dutchess	3,923	4,402	4,433	5,377	6,003	6,452	5,319	3,742	4,052	3,870	3,954
Nassau	26,306	25,966	28,743	35,389	37,750	40,013	33,449	26,402	25,556	24,415	23,522
Orange	5,269	5,305	5,218	6,562	7,668	8,821	7,288	5,497	5,447	5,139	4,976
Putnam	1,519	1,679	1,746	1,875	2,093	2,577	2,239	1,490	1,420	1,514	1,500
Rockland	4,969	5,309	4,954	5,779	6,866	7,813	6,408	4,866	4,769	4,591	4,507
Suffolk	22,688	22,893	24,442	31,093	32,628	35,750	30,841	23,379	22,211	21,980	20,768
Westchester	13,757	14,384	14,334	16,323	17,508	19,181	16,692	13,605	13,034	11,885	11,413
NEW YORK SUBURBS	78,431	79,938	83,870	102,398	110,516	120,607	102,236	78,981	76,489	73,394	70,640
DOWNSTATE NY	201,794	197,348	199,657	221,927	257,742	278,404	238,906	191,095	175,899	160,628	151,430
NEW YORK STATE	278,164	273,882	283,794	326,323	379,303	411,996	341,731	263,754	249,482	231,494	221,420
Downstate % of NYS	72.5	72.1	70.4	68.0	68.0	67.6	69.9	72.5	70.5	69.4	68.4

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes and hence the total number of male drivers vehicles involved in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 16
FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	5,125	5,027	5,086	5,495	7,273	8,107	7,271	6,707	6,202	5,333	4,963
Kings	10,922	10,434	11,080	11,691	14,054	14,965	12,966	11,917	10,627	9,562	8,820
New York	4,578	4,615	4,645	4,710	6,114	6,607	5,796	5,046	4,584	4,316	3,973
Queens	13,444	12,733	12,954	13,658	16,934	17,606	15,923	14,878	12,998	11,596	11,083
Richmond	3,565	3,442	3,469	3,585	3,757	4,109	3,926	3,657	3,435	3,336	3,202
NEW YORK CITY	37,634	36,251	37,234	39,139	48,132	51,394	45,882	42,205	37,846	34,143	32,041
Dutchess	2,984	3,139	3,225	3,888	4,262	4,482	3,783	2,965	3,193	3,165	3,225
Nassau	18,597	18,630	20,801	25,329	26,487	28,094	23,399	20,087	18,970	18,466	18,082
Orange	3,406	3,598	3,593	4,506	5,157	6,088	5,181	4,073	3,879	3,924	3,785
Putnam	1,035	1,091	1,171	1,219	1,324	1,530	1,381	977	1,030	1,055	1,050
Rockland	3,459	3,575	3,478	3,716	4,457	4,883	4,131	3,429	3,378	3,258	3,041
Suffolk	16,648	16,762	17,866	22,210	23,234	25,163	21,569	17,448	17,226	16,882	15,998
Westchester	9,319	9,717	9,948	11,409	11,986	12,798	11,404	9,906	9,540	8,742	8,565
NEW YORK SUBURBS	55,448	56,512	60,082	72,277	76,907	83,038	70,848	58,885	57,216	55,492	53,746
DOWNSTATE NY	93,082	92,763	97,316	111,416	125,039	134,432	116,730	101,090	95,062	89,635	85,787
NEW YORK STATE	147,956	148,723	158,181	184,806	208,410	227,235	189,444	157,835	153,903	147,224	142,826
Downstate % of NYS	62.9	62.4	61.5	60.3	60.0	59.2	61.6	64.0	61.8	60.9	60.1

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes and hence the total number of female drivers vehicles involved in the years 1999-2001 are not comparable to prior or subsequent years.

TABLE 16A
**MALE/FEMALE DRIVERS INVOLVED IN MOTOR VEHICLE CRASHES PER
 1,000 DRIVER LICENSES**

	2003		2004		2005	
	Male	Female	Male	Female	Male	Female
Bronx	63.85	35.44	54.43	30.65	51.10	29.31
Kings	58.85	30.83	53.28	27.97	49.99	26.31
New York	47.09	14.92	43.93	14.05	42.23	12.87
Queens	49.15	28.91	43.58	26.15	42.23	25.63
Richmond	35.22	24.49	32.21	23.82	31.67	22.99
NEW YORK CITY	52.03	26.71	46.65	24.27	44.49	23.13
Dutchess	38.45	30.82	36.72	30.42	37.86	31.11
Nassau	50.44	38.29	48.78	37.53	47.85	37.21
Orange	43.40	32.33	40.85	32.49	39.92	31.42
Putnam	35.54	26.88	38.23	27.68	38.62	27.88
Rockland	43.56	32.63	42.64	31.80	42.84	30.08
Suffolk	40.27	32.14	40.07	31.54	38.49	30.09
Westchester	38.83	29.38	36.11	27.23	35.54	27.08
NEW YORK SUBURBS	43.11	33.24	41.78	32.38	40.94	31.68
DOW NSTATE NY	47.73	30.29	44.29	28.73	42.76	27.84
NEW YORK STATE	41.93	28.46	39.43	27.39	38.49	26.85

TABLE 17
AGE AND GENDER OF DRIVERS INVOLVED
IN MOTOR VEHICLE CRASHES - 1990

BY AGE OF FEMALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 18	612	2,571	3,183	6,063
18-20	2,765	6,874	9,639	16,500
21-24	4,686	8,230	12,916	20,809
25-29	6,498	9,175	15,673	24,543
30-39	11,088	14,825	25,913	40,017
40-49	7,799	11,680	19,479	28,870
50-59	4,128	6,677	10,805	15,957
60-64	1,423	2,739	4,162	6,327
65-69	1,042	2,050	3,092	5,016
70-74	636	1,389	2,025	3,584
75-79	361	944	1,305	2,411
80 AND OVER	156	540	696	1,493
UNSPECIFIED AGE	611	329	940	1,205
TOTAL	41,805	68,023	109,828	172,795
BY AGE OF MALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 18	1,937	4,180	6,117	10,490
18-20	9,034	10,730	19,764	30,276
21-24	15,951	12,755	28,706	40,584
25-29	23,839	14,946	38,785	52,047
30-39	37,945	21,681	59,626	80,019
40-49	23,250	14,512	37,762	50,997
50-59	13,731	9,489	23,220	31,571
60-64	5,028	4,430	9,458	13,076
65-69	3,636	3,488	7,124	10,250
70-74	2,269	2,399	4,668	7,210
75-79	1,385	1,500	2,885	4,614
80 AND OVER	971	1,096	2,067	3,405
UNSPECIFIED AGE	4,872	1,356	6,228	7,081
TOTAL	143,848	102,562	246,410	341,620
Source: New York State Dept. of Motor Vehicles				

TABLE 18
AGE AND GENDER OF DRIVERS INVOLVED
IN MOTOR VEHICLE CRASHES - 2000

BY AGE OF FEMALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 18	523	3,431	3,954	8,989
18-20	2,816	7,095	9,911	20,320
21-24	5,165	7,470	12,635	22,582
25-29	7,404	8,188	15,592	24,782
30-39	14,518	18,994	33,512	52,999
40-49	10,642	16,631	27,273	44,631
50-59	5,887	10,498	16,385	26,695
60-64	1,422	2,912	4,334	7,043
65-69	924	2,304	3,228	5,377
70-74	756	2,172	2,928	5,102
75-79	513	1,693	2,206	4,161
80 AND OVER	381	1,369	1,750	3,604
UNSPECIFIED AGE	443	281	724	950
TOTAL	51,394	83,038	134,432	227,235
BY AGE OF MALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 18	1,488	5,024	6,512	13,503
18-20	8,257	11,223	19,480	34,553
21-24	15,411	11,735	27,146	40,872
25-29	20,957	12,728	33,685	46,929
30-39	44,179	26,932	71,111	97,883
40-49	32,962	22,225	55,187	79,109
50-59	18,432	14,419	32,851	48,918
60-64	5,224	4,390	9,614	14,319
65-69	3,149	3,411	6,560	10,229
70-74	2,196	2,962	5,158	8,469
75-79	1,462	2,233	3,695	6,326
80 AND OVER	1,200	2,051	3,251	5,724
UNSPECIFIED AGE	2,880	1,274	4,154	5,162
TOTAL	157,797	120,607	278,404	411,996
Source: New York State Dept. of Motor Vehicles				

TABLE 19
AGE AND GENDER OF DRIVERS INVOLVED
IN MOTOR VEHICLE CRASHES - 2005

BY AGE OF FEMALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	5	16	21	50
16-17	320	1,910	2,230	4,732
18-20	1,574	4,503	6,077	11,820
21-24	3,167	4,947	8,114	14,271
25-29	4,279	4,915	9,194	14,615
30-34	3,990	4,549	8,539	13,139
35-39	3,915	5,453	9,368	14,536
40-44	3,891	6,046	9,937	15,581
45-49	3,167	5,388	8,555	13,991
50-54	2,541	4,343	6,884	11,313
55-59	1,939	3,576	5,515	9,189
60-64	1,165	2,480	3,645	6,024
65-69	706	1,673	2,379	4,065
70-74	461	1,383	1,844	3,196
75-79	365	1,226	1,591	2,880
80 AND OVER	341	1,199	1,540	2,932
UNSPECIFIED AGE	215	139	354	492
TOTAL	32,041	53,746	85,787	142,826
BY AGE OF MALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	20	42	62	106
16-17	647	2,360	3,007	5,817
18-20	3,609	5,850	9,459	16,320
21-24	6,906	6,652	13,558	20,987
25-29	9,649	6,968	16,617	22,745
30-34	9,404	6,422	15,826	21,150
35-39	9,794	7,001	16,795	22,846
40-44	9,824	7,509	17,333	24,002
45-49	8,807	6,848	15,655	22,128
50-54	7,029	5,647	12,676	18,574
55-59	5,449	4,548	9,997	14,786
60-64	3,466	3,197	6,663	10,048
65-69	2,109	2,236	4,345	6,788
70-74	1,383	1,837	3,220	5,141
75-79	958	1,599	2,557	4,261
80 AND OVER	861	1,609	2,470	4,239
UNSPECIFIED AGE	875	315	1,190	1,482
TOTAL	80,790	70,640	151,430	221,420
Source: Institute for Traffic Safety Management and Research				

TABLE 20
VEHICULAR/PEDESTRIAN CRASHES
AT INTERSECTION

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	1,473	1,384	1,356	1,296	1,190	1,169	1,268	1,318	1,260	1,119	1,170
Kings	3,059	2,936	2,909	2,939	2,708	2,761	2,837	2,767	2,703	2,688	2,782
New York	3,045	3,031	2,977	2,872	2,549	2,288	2,325	2,419	2,440	2,439	2,608
Queens	1,978	1,849	1,769	1,877	1,721	1,641	1,744	1,533	1,608	1,575	1,753
Richmond	209	214	188	165	202	183	235	188	208	250	256
NEW YORK CITY	9,764	9,414	9,199	9,149	8,370	8,042	8,409	8,225	8,219	8,071	8,569
Dutchess	43	38	45	42	41	34	27	29	37	41	42
Nassau	562	551	578	554	614	577	519	550	537	602	607
Orange	53	55	59	41	57	54	48	67	53	70	61
Putnam	10	7	5	4	6	7	11	3	6	4	1
Rockland	69	54	61	48	67	69	52	50	58	81	70
Suffolk	271	315	283	293	286	248	276	263	275	323	298
Westchester	335	322	362	367	370	368	344	399	348	343	423
NEW YORK SUBURBS	1,343	1,342	1,393	1,349	1,441	1,357	1,277	1,361	1,314	1,464	1,502
DOWNSTATE NY	11,107	10,756	10,592	10,498	9,811	9,399	9,686	9,586	9,533	9,535	10,071
NEW YORK STATE	12,500	12,070	11,794	11,705	11,020	10,580	10,772	10,626	10,606	10,627	11,149
Downstate % of NYS	88.9	89.1	89.8	89.7	89.0	88.8	89.9	90.2	89.9	89.7	90.3

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 21
**VEHICULAR/PEDESTRIAN CRASHES
 NOT AT INTERSECTION (MID-BLOCK)**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	842	760	781	744	792	689	699	538	532	383	295
Kings	1,689	1,546	1,495	1,458	1,417	1,330	1,285	1,115	1,029	776	651
New York	1,356	1,291	1,193	1,227	1,088	1,191	1,061	771	670	653	526
Queens	983	1,082	930	983	1,019	900	865	681	559	477	409
Richmond	167	148	148	149	144	158	136	138	128	95	73
NEW YORK CITY	5,037	4,827	4,547	4,561	4,460	4,268	4,046	3,243	2,918	2,384	1,954
Dutchess	60	62	68	48	55	29	42	44	44	38	34
Nassau	464	417	448	462	418	447	445	393	404	371	304
Orange	101	81	83	64	100	99	68	81	95	82	71
Putnam	10	17	24	23	13	17	18	11	20	10	13
Rockland	101	84	98	79	84	81	95	73	81	64	65
Suffolk	378	345	353	317	342	345	304	323	306	243	210
Westchester	353	330	361	398	356	325	281	277	298	235	232
NEW YORK SUBURBS	1,467	1,336	1,435	1,391	1,368	1,343	1,253	1,202	1,248	1,043	929
DOWNSTATE NY	6,504	6,163	5,982	5,952	5,828	5,611	5,299	4,445	4,166	3,427	2,883
NEW YORK STATE	8,141	7,785	7,531	7,490	7,308	7,067	6,706	5,769	5,337	4,456	3,950
Downstate % of NYS	79.9	79.2	79.4	79.5	79.7	79.4	79.0	77.0	78.1	76.9	73.0

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 22
TOTAL PEDESTRIAN FATALITIES
IN VEHICULAR/PEDESTRIAN CRASHES

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	35	30	27	20	29	25	29	23	22	30	19
Kings	69	71	71	70	66	60	59	47	53	52	47
New York	65	56	54	42	37	50	39	36	41	35	46
Queens	57	49	66	48	48	38	45	41	38	30	39
Richmond	10	7	4	1	6	7	14	9	8	8	8
NEW YORK CITY	236	213	222	181	186	180	186	156	162	155	159
Dutchess	3	3	6	1	4	1	2	1	3	4	3
Nassau	31	17	31	34	47	28	34	38	28	34	38
Orange	4	3	6	2	8	1	3	9	4	2	7
Putnam	0	1	0	0	1	1	2	1	1	2	2
Rockland	4	1	4	3	8	4	3	6	5	3	5
Suffolk	42	29	25	43	34	33	30	23	41	41	30
Westchester	16	13	10	19	8	11	9	14	10	14	7
NEW YORK SUBURBS	100	67	82	102	110	79	83	92	92	100	92
DOWNSTATE NY	336	280	304	283	296	259	269	248	254	255	251
NEW YORK STATE	428	397	374	372	383	335	358	326	327	328	328
Downstate % of NYS	78.5	70.5	81.3	76.1	77.3	77.3	75.1	76.1	77.7	77.7	76.5

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 23
**TOTAL BICYCLISTS KILLED OR INJURED
 IN VEHICULAR/BICYCLE CRASHES**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	715	703	728	615	501	510	433	373	338	330	255
Kings	1,932	1,935	1,856	1,741	1,461	1,329	1,341	1,215	1,165	1,149	1,101
New York	1,557	1,570	1,666	1,476	1,342	1,153	1,140	1,019	906	906	976
Queens	995	966	1,009	949	863	735	705	586	507	555	552
Richmond	132	132	145	136	107	97	82	66	61	71	61
NEW YORK CITY	5,331	5,306	5,404	4,917	4,274	3,824	3,701	3,259	2,977	3,011	2,945
Dutchess	67	65	71	60	46	64	51	41	43	45	30
Nassau	700	622	646	645	598	584	577	521	472	490	464
Orange	86	94	90	90	77	75	78	64	59	43	65
Putnam	11	7	8	5	13	5	14	5	5	8	11
Rockland	65	71	63	68	70	52	51	40	39	45	54
Suffolk	627	551	601	627	592	527	520	448	456	450	476
Westchester	251	239	211	234	213	180	176	163	135	137	143
NEW YORK SUBURBS	1,807	1,649	1,690	1,729	1,609	1,487	1,467	1,282	1,209	1,218	1,243
DOWNSTATE NY	7,138	6,955	7,094	6,646	5,883	5,311	5,168	4,541	4,186	4,229	4,188
NEW YORK STATE	9,341	9,118	9,189	8,671	7,828	7,095	6,791	6,026	5,619	5,731	5,727
Downstate % of NYS	76.4	76.3	77.2	76.6	75.2	74.9	76.1	75.4	74.5	73.8	73.1

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 24
**TOTAL BICYCLISTS FATALITIES
 IN VEHICULAR/BICYCLE CRASHES**

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Bronx	2	2	3	6	5	0	2	2	1	3	3
Kings	6	3	10	4	11	8	8	11	4	2	8
New York	6	8	4	3	5	2	4	4	8	2	6
Queens	6	3	2	5	6	4	0	1	3	8	3
Richmond	0	0	1	0	0	1	1	0	0	0	1
NEW YORK CITY	20	16	20	18	27	15	15	18	16	15	21
Dutchess	0	0	1	3	0	0	1	0	1	0	0
Nassau	4	2	2	2	2	2	3	3	5	2	4
Orange	2	0	1	1	0	3	2	2	2	1	2
Putnam	0	0	0	0	0	0	0	0	0	0	0
Rockland	0	2	1	0	1	0	0	0	1	1	2
Suffolk	6	9	6	10	4	5	8	4	4	7	6
Westchester	2	0	0	0	1	1	0	0	0	0	2
NEW YORK SUBURBS	14	13	11	16	8	11	14	9	13	11	16
DOWNSTATE NY	34	29	31	34	35	26	29	27	29	26	37
NEW YORK STATE	51	44	49	53	45	38	42	34	38	41	47
Downstate % of NYS	66.7	65.9	63.3	64.2	77.8	68.4	69.0	79.4	76.3	63.4	78.7

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

TABLE 24A
**TOTAL BICYCLISTS KILLED OR INJURED
 IN VEHICULAR/BICYCLE CRASHES BY AGE
 2005**

	Bronx	Kings	NY	Queens	Richmond	New York City	Dutchess	Nassau	Orange	Putnam	Rockland	Suffolk	Westchester	New York Suburbs	Downstate New York	New York State
Under 5	0	4	0	3	0	7	0	0	1	0	0	1	2	0	4	21
5 to 9	12	42	11	37	6	108	1	18	4	0	0	5	26	5	167	281
10 to 13	38	100	22	77	13	250	4	67	10	3	5	54	25	168	418	693
14 to 17	37	106	49	73	11	276	10	81	12	4	9	97	25	238	514	844
18 to 20	20	119	64	47	4	254	1	30	8	0	4	36	6	85	339	458
21 to 24	21	123	111	46	1	302	2	42	2	2	4	32	13	97	399	489
25 to 29	16	118	156	64	2	356	1	27	3	0	2	39	9	81	437	495
30 to 34	7	77	96	36	0	216	1	23	4	0	2	29	10	69	285	336
35 to 39	23	67	83	15	4	192	2	35	4	0	6	29	9	85	277	351
40 to 44	21	69	89	23	5	207	1	28	4	1	5	35	7	81	288	382
45 to 49	11	59	71	19	4	164	2	24	4	0	1	25	7	63	227	315
50 to 54	8	52	41	18	0	119	1	24	3	1	2	15	7	53	172	221
55 to 59	5	17	31	12	3	68	0	12	1	0	3	18	3	37	105	149
60 to 64	5	15	19	14	0	53	0	10	0	0	1	5	3	19	72	94
65 to 69	1	14	5	4	0	24	0	10	1	0	0	1	1	13	37	52
70 to 74	2	7	1	4	1	15	0	8	0	0	0	1	1	10	25	39
75 to 79	0	6	9	3	1	19	0	3	0	0	0	2	0	5	24	31
80 and over	0	3	3	1	0	7	0	0	1	0	0	0	0	1	8	16
Unknown age	28	103	115	56	6	308	4	22	3	0	3	30	12	74	382	460
Total	255	1,101	976	552	61	2,945	30	464	65	11	53	476	143	1,242	4,187	5,727

Data compiled by Institute for Traffic Safety Management and Research

TABLE 25
BRONX COUNTY
CRASHES BY JURISDICTION

	Total Crashes	1996 Fatal	Pers. Inj	Total Crashes	1997 Fatal	Pers. Inj	Total Crashes	1998 Fatal	Pers. Inj	Total Crashes	1999 Fatal	Pers. Inj	Total Crashes	2000 Fatal	Pers. Inj
Total	12,899	54	10,611	13,114	72	10,904	13,272	49	11,071	17,950	59	11,960	19,953	49	13,194
State Routes	26	0	21	44	0	37	18	0	13	41	0	25	27	0	18
County Routes	0	0	0	0	0	0	0	0	0	2	0	0	3	0	2
Town Routes	1	0	0	3	0	2	10	0	5	3	1	0	5	0	3
Municipal Streets	9,979	41	8,405	10,136	51	8,583	10,303	39	8,719	13,608	43	9,349	15,384	33	10,587
Parkways	723	3	574	729	9	564	731	2	590	911	5	582	930	4	567
Thruway	0	0	0	0	0	0	0	0	0	29	0	15	15	0	9
Other Interstate	2,138	10	1,600	2,177	12	1,713	2,197	8	1,739	3,347	10	1,984	3,547	12	1,982
Unspecified	32	0	11	25	0	5	13	0	5	9	0	5	42	0	26

	Total Crashes	2001 Fatal	Pers. Inj	Total Crashes	2002 Fatal	Pers. Inj	Total Crashes	2003 Fatal	Pers. Inj	Total Crashes	2004 Fatal	Pers. Inj	Total Crashes	2005 Fatal	Pers. Inj
Total	17,864	55	12,447	14,653	58	11,978	13,662	46	10,957	11,623	53	9,086	10,603	42	8,213
State Routes	31	0	22	19	0	17	2	0	1	35	0	29	18	0	14
County Routes	3	0	2	4	0	3	1	0	1	3	0	2	0	0	0
Town Routes	28	0	20	66	0	58	39	0	34	102	0	88	33	0	23
Municipal Streets	13,905	41	9,997	11,407	35	9,532	10,766	34	8,773	9,002	40	7,146	8,172	30	6,482
Parkways	819	3	533	806	5	616	668	4	498	602	5	439	559	4	422
Thruway	0	0	0	2	0	2	1	0	0	6	0	5	3	0	2
Other Interstate	2,978	11	1,791	2,293	18	1,723	2,143	8	1,625	1,841	8	1,364	1,776	8	1,255
Unspecified	100	0	82	56	0	27	42	0	25	32	0	13	42	0	15

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 26
**KINGS COUNTY
CRASHES BY JURISDICTION**

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	28,504	109	25,062	28,768	134	25,559	30,081	115	26,720	35,782	114	26,511	38,151	105	27,190
State Routes	119	1	99	109	3	95	88	1	79	102	1	81	125	0	94
County Routes	0	0	0	0	0	0	0	0	0	1	0	1	9	0	2
Town Routes	4	0	3	1	0	1	1	0	0	0	0	0	2	0	1
Municipal Streets	26,067	99	23,033	26,223	112	23,429	27,382	101	24,459	32,334	101	24,132	34,472	92	24,845
Parkways	1,147	5	969	1,275	9	1,078	1,303	11	1,099	1,562	9	1,169	1,697	10	1,183
Thruway	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
Other Interstate	1,161	4	953	1,148	10	950	1,280	2	1,071	1,746	3	1,104	1,817	3	1,045
Unspecified	6	0	5	12	0	6	27	0	12	37	0	24	27	0	19
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	33,370	111	25,229	27,736	92	23,698	24,909	85	20,983	22,119	86	18,371	20,557	97	16,846
State Routes	108	0	87	83	1	72	28	0	26	94	0	80	83	0	74
County Routes	3	0	2	5	1	4	33	0	32	1	0	1	0	0	0
Town Routes	63	0	58	82	0	67	289	0	235	41	1	36	12	0	11
Municipal Streets	29,988	100	22,776	24,962	79	21,481	22,269	77	18,863	19,984	78	16,650	18,609	87	15,333
Parkways	1,483	8	1,091	1,337	7	1,071	1,032	4	805	867	5	687	855	7	653
Thruway	0	0	0	2	0	2	0	0	0	0	0	0	2	0	0
Other Interstate	1,555	3	1,069	1,237	4	978	1,209	4	990	1,107	2	899	964	2	762
Unspecified	170	0	146	28	0	23	49	0	32	25	0	18	32	1	13
Source: New York State Dept. of Motor Vehicles (years up to 2000) 2001-2005 Data from Institute for Traffic Safety Management and Research															

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 27
NEW YORK COUNTY
CRASHES BY JURISDICTION

	Total Crashes	1996 Fatal	Pers. Inj	Total Crashes	1997 Fatal	Pers. Inj	Total Crashes	1998 Fatal	Pers. Inj	Total Crashes	1999 Fatal	Pers. Inj	Total Crashes	2000 Fatal	Pers. Inj
Total	19,219	84	15,825	18,731	81	15,711	18,176	59	15,243	22,956	66	14,679	24,609	70	14,624
State Routes	40	0	26	40	0	26	37	1	23	56	0	31	77	0	36
County Routes	1	0	0	0	0	0	0	0	0	0	0	0	13	0	3
Town Routes	3	0	3	0	0	0	2	0	0	2	0	2	4	0	3
Municipal Streets	16,805	73	14,128	16,671	67	14,168	16,085	51	13,630	20,297	53	13,078	21,738	60	12,929
Parkways	1,516	9	1,212	1,428	13	1,146	1,537	7	1,230	1,863	13	1,227	2,150	10	1,349
Thruway	0	0	0	0	0	0	2	0	1	3	0	2	0	0	0
Other Interstate	841	2	448	575	1	363	503	0	355	723	0	331	608	0	291
Unspecified	13	0	8	17	0	8	10	0	4	12	0	8	19	0	13

	Total Crashes	2001 Fatal	Pers. Inj	Total Crashes	2002 Fatal	Pers. Inj	Total Crashes	2003 Fatal	Pers. Inj	Total Crashes	2004 Fatal	Pers. Inj	Total Crashes	2005 Fatal	Pers. Inj
Total	21,646	55	14,058	16,714	50	13,340	15,463	64	11,833	14,435	47	10,886	13,890	65	10,457
State Routes	79	0	53	100	0	67	71	0	46	59	0	36	118	1	67
County Routes	6	0	1	1	0	0	3	0	2	2	0	2	0	0	0
Town Routes	27	0	19	51	0	41	177	0	141	212	0	160	28	0	23
Municipal Streets	19,130	50	12,503	14,691	42	11,798	13,490	60	10,423	12,564	39	9,587	12,321	56	9,373
Parkways	1,828	5	1,161	1,481	7	1,180	1,303	3	999	1,266	8	940	1,148	8	865
Thruway	0	0	0	1	0	0	3	0	0	2	0	2	7	0	0
Other Interstate	447	0	216	322	1	216	238	1	131	208	0	95	198	0	101
Unspecified	129	0	105	67	0	38	178	0	91	122	0	64	70	0	28

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 28
QUEENS COUNTY
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	27,703	116	22,205	26,690	123	21,849	28,274	112	23,160	34,697	118	23,875	36,578	100	24,459
State Routes	35	0	26	32	0	25	22	0	15	58	1	31	63	0	42
County Routes	0	0	0	0	0	0	1	0	0	1	0	0	8	0	4
Town Routes	1	0	1	1	0	1	3	0	3	3	0	1	3	0	3
Municipal Streets	22,510	93	18,131	21,709	96	17,832	22,807	86	18,819	27,711	92	19,229	29,315	75	19,780
Parkways	2,385	10	1,899	2,384	12	1,968	2,550	10	2,064	3,394	13	2,342	3,627	13	2,436
Thruway	1	0	0	1	0	0	0	0	0	2	0	1	2	0	2
Other Interstate	2,756	13	2,139	2,538	15	2,014	2,850	16	2,245	3,498	12	2,259	3,522	12	2,173
Unspecified	15	0	9	25	0	9	41	0	14	30	0	12	38	0	19

	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	33,574	104	23,456	28,911	108	22,655	25,688	103	19,565	22,478	79	16,855	21,345	89	15,884
State Routes	90	2	60	65	1	50	5	0	3	126	3	100	44	1	34
County Routes	4	0	2	3	0	3	2	0	2	1	0	1	1	0	0
Town Routes	99	0	73	191	0	159	59	1	43	29	1	18	21	0	19
Municipal Streets	26,471	78	18,667	22,760	85	17,915	20,472	85	15,580	17,661	54	13,284	16,606	60	12,368
Parkways	3,366	15	2,320	2,948	12	2,328	2,583	12	2,004	2,254	10	1,715	2,310	16	1,745
Thruway	0	0	0	12	0	9	1	0	0	0	0	0	2	0	2
Other Interstate	3,411	9	2,220	2,879	10	2,161	2,543	5	1,921	2,356	11	1,720	2,295	12	1,691
Unspecified	133	0	114	53	0	30	23	0	12	51	0	17	66	0	25

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 29
RICHMOND COUNTY
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	5,268	17	4,244	5,125	14	4,133	5,318	22	4,204	5,781	15	3,808	6,258	24	3,805
State Routes	119	0	96	75	1	55	109	2	85	127	1	70	97	1	50
County Routes	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Town Routes	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
Municipal Streets	4,543	16	3,672	4,529	12	3,656	4,696	16	3,724	4,952	12	3,344	5,307	20	3,315
Parkways	30	0	24	49	0	43	46	2	32	30	1	14	42	0	23
Thruway	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Other Interstate	562	1	445	460	1	373	456	2	357	663	1	375	796	3	411
Unspecified	13	0	7	11	0	5	11	0	6	6	0	3	15	0	5
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	6,183	27	3,976	5,298	20	3,857	5,227	22	3,712	4,894	23	3,462	4,772	21	3,250
State Routes	91	0	59	110	2	80	92	1	68	126	2	93	116	2	73
County Routes	13	0	7	0	0	0	4	0	2	0	0	0	1	0	1
Town Routes	14	0	9	20	0	15	62	1	45	6	0	4	12	0	8
Municipal Streets	5,256	24	3,431	4,613	18	3,342	4,494	19	3,178	4,270	16	3,009	4,163	18	2,828
Parkways	18	1	10	20	0	17	23	0	20	28	2	20	18	1	14
Thruway	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
Other Interstate	754	2	436	521	0	397	535	1	389	441	3	329	448	0	320
Unspecified	37	0	24	13	0	5	16	0	10	23	0	7	14	0	6

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 30
NEW YORK CITY
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	93,593	380	77,947	92,428	424	78,156	95,121	357	80,398	117,166	372	80,831	125,549	348	83,272
State Routes	339	1	268	300	4	238	274	4	215	384	3	238	389	1	240
County Routes	1	0	0	0	0	0	1	0	0	5	0	1	33	0	11
Town Routes	9	0	7	6	0	5	16	0	8	9	1	4	14	0	10
Municipal Streets	79,904	322	67,369	79,268	338	67,668	81,273	293	69,351	98,902	301	69,130	106,216	280	71,456
Parkways	5,801	27	4,678	5,865	43	4,799	6,167	32	5,015	7,760	41	5,334	8,446	37	5,558
Thruway	2	0	0	1	0	0	2	0	1	35	0	19	20	0	13
Other Interstate	7,458	30	5,585	6,898	39	5,413	7,286	28	5,767	9,977	26	6,053	10,290	30	5,902
Unspecified	79	0	40	90	0	33	102	0	41	94	0	52	141	0	82
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	112,637	352	79,166	93,312	328	75,528	84,949	320	67,050	75,549	288	58,660	71,167	314	54,650
State Routes	399	2	281	377	4	286	198	1	144	440	5	338	379	4	262
County Routes	29	0	14	13	1	10	43	0	39	7	0	6	2	0	1
Town Routes	231	0	179	410	0	340	626	2	498	390	2	306	106	0	84
Municipal Streets	94,750	293	67,374	78,433	259	64,068	71,491	275	56,817	63,481	227	49,676	59,871	251	46,384
Parkways	7,514	32	5,115	6,592	31	5,212	5,609	23	4,326	5,017	30	3,801	4,890	36	3,699
Thruway	0	0	0	18	0	14	6	0	0	8	0	7	14	0	4
Other Interstate	9,145	25	5,732	7,252	33	5,475	6,668	19	5,056	5,953	24	4,407	5,681	22	4,129
Unspecified	569	0	471	217	0	123	308	0	170	253	0	119	224	1	87
Source: New York State Dept. of Motor Vehicles (years up to 2000) 2001-2005 Data from Institute for Traffic Safety Management and Research															

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 31
DUTCHESS COUNTY
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	4,512	22	2,900	4,731	31	2,829	5,815	27	2,646	6,577	29	2,818	7,041	29	2,755
State Routes	2,283	11	1,520	2,384	17	1,464	2,963	11	1,397	3,262	16	1,467	3,449	14	1,427
County Routes	713	2	467	801	5	461	1,033	8	450	1,152	5	470	1,190	10	453
Town Routes	580	1	347	563	2	327	743	5	302	832	2	324	991	4	371
Municipal Streets	523	2	360	547	1	377	561	2	325	605	1	338	641	0	294
Parkways	247	6	122	270	4	111	294	1	89	424	2	129	425	1	114
Thruway	0	0	0	1	0	1	3	0	1	5	0	1	4	0	0
Other Interstate	143	0	80	135	2	76	151	0	65	211	3	71	265	0	81
Unspecified	23	0	4	30	0	12	67	0	17	86	0	18	76	0	15
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	5,921	39	2,639	4,166	15	2,650	4,524	32	2,742	4,446	39	2,686	4,569	31	2,557
State Routes	3,041	17	1,417	2,014	6	1,329	2,273	17	1,417	2,245	23	1,371	2,258	20	1,327
County Routes	778	9	364	527	2	331	561	6	366	500	5	326	556	3	331
Town Routes	931	6	392	783	5	467	782	5	443	801	5	462	860	2	441
Municipal Streets	672	0	321	482	1	334	474	1	317	468	4	318	496	0	291
Parkways	255	6	67	171	1	102	226	1	101	186	0	83	209	3	84
Thruway	0	0	0	5	0	2	4	0	2	1	0	1	4	0	0
Other Interstate	166	1	53	117	0	70	130	2	78	128	1	84	122	3	69
Unspecified	78	0	25	67	0	15	74	0	18	117	1	41	64	0	14

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 32
NASSAU COUNTY
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	23,951	75	16,884	26,598	112	16,828	33,100	101	16,933	35,212	123	16,681	37,716	94	17,304
State Routes	5,416	20	3,916	5,898	31	3,818	7,010	21	3,757	7,704	33	3,749	8,346	33	3,999
County Routes	21	0	13	22	1	10	35	0	22	82	0	33	105	0	57
Town Routes	8,455	25	5,819	9,776	44	5,867	12,678	39	6,089	13,035	46	5,751	13,875	26	5,911
Municipal Streets	6,751	15	4,856	7,354	20	4,724	8,959	20	4,760	9,503	21	4,745	10,135	22	4,893
Parkways	2,367	14	1,708	2,496	13	1,801	3,384	20	1,808	3,757	23	1,887	4,018	8	1,903
Thruway	5	0	3	3	0	2	4	0	1	1	0	1	8	0	2
Other Interstate	757	1	532	888	3	558	894	1	446	964	0	470	1,081	5	500
Unspecified	179	0	37	161	0	48	136	0	50	166	0	45	148	0	39

	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	32,297	93	16,528	25,305	110	16,959	24,461	104	16,172	23,675	110	15,492	22,941	99	14,564
State Routes	6,796	33	3,765	5,001	35	3,508	4,844	22	3,397	4,780	28	3,285	4,870	27	3,206
County Routes	133	1	75	131	0	96	98	0	79	103	1	81	153	2	123
Town Routes	12,522	29	6,006	9,592	31	6,348	9,193	40	6,042	8,795	45	5,702	7,947	25	4,985
Municipal Streets	8,432	18	4,402	7,021	28	4,691	6,644	27	4,252	6,356	19	4,117	6,208	24	3,915
Parkways	3,379	9	1,799	2,473	15	1,741	2,649	15	1,855	2,461	16	1,660	2,644	20	1,715
Thruway	0	0	0	6	0	3	2	0	0	0	0	0	1	0	1
Other Interstate	749	3	368	637	1	434	613	0	421	752	1	493	709	1	482
Unspecified	286	0	113	444	0	138	418	0	126	428	0	154	409	0	137

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 33
**ORANGE COUNTY
 CRASHES BY JURISDICTION**

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	5,404	37	3,674	5,528	39	3,324	6,866	31	3,364	8,204	43	3,511	9,604	30	3,662
State Routes	2,515	16	1,784	2,435	18	1,501	3,223	19	1,617	3,776	25	1,648	4,317	15	1,726
County Routes	713	8	478	766	7	457	837	6	431	1,060	2	465	1,114	6	435
Town Routes	615	5	402	705	6	420	874	1	395	1,156	5	435	1,410	4	489
Municipal Streets	995	1	684	1,074	5	671	1,280	3	655	1,429	5	688	1,836	0	723
Parkways	51	0	31	38	0	22	35	0	17	50	1	18	60	0	17
Thruway	197	2	124	196	1	100	270	1	115	352	3	107	385	1	117
Other Interstate	249	5	148	229	2	125	271	1	116	337	2	138	401	4	142
Unspecified	69	0	23	85	0	28	76	0	18	44	0	12	81	0	13

	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	8,183	36	3,524	5,870	43	3,831	5,886	47	3,701	5,652	39	3,681	5,494	47	3,447
State Routes	3,569	21	1,629	2,648	21	1,752	2,560	28	1,659	2,662	17	1,806	2,557	29	1,638
County Routes	714	4	274	465	2	320	471	1	285	503	5	302	462	1	286
Town Routes	1,450	4	594	997	7	622	1,073	8	626	930	8	570	995	7	585
Municipal Streets	1,606	2	696	1,129	2	787	1,124	7	751	979	3	683	929	3	622
Parkway	45	1	23	28	0	19	41	0	27	21	0	11	40	0	25
Thruway	309	4	118	242	4	138	186	1	120	198	0	121	198	3	108
Other Interstate	339	0	141	266	6	169	288	2	180	233	6	145	252	4	160
Unspecified	151	0	49	95	1	24	143	0	53	126	0	43	61	0	23

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 34
PUTNAM COUNTY
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	1,688	16	1,030	1,773	13	1,033	1,936	12	910	2,141	15	954	2,649	10	959
State Routes	778	9	513	874	4	537	910	3	463	848	10	409	1,208	7	486
County Routes	296	2	194	305	4	195	344	2	183	382	2	184	397	1	160
Town Routes	283	0	155	245	0	139	291	3	131	370	1	181	464	1	158
Municipal Streets	15	0	6	32	0	11	23	0	13	21	0	9	35	0	10
Parkways	164	4	87	137	2	57	182	0	50	222	1	81	242	0	63
Thruway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Interstate	140	1	75	174	3	93	173	4	66	284	1	86	288	1	80
Unspecified	12	0	0	6	0	1	13	0	4	14		4	15	0	2
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	2,344	10	950	1,531	12	874	1,569	12	882	1,643	8	905	1,625	11	869
State Routes	1,119	5	493	653	7	409	707	5	425	714	4	393	736	7	419
County Routes	259	2	114	136	3	84	190	2	120	172	2	111	171	0	93
Town Routes	534	0	195	386	2	200	360	2	177	393	1	215	365	3	174
Municipal Streets	27	0	5	48	0	9	23	0	3	33	0	9	33	0	13
Parkways	153	2	63	124	0	73	131	2	72	125	0	68	123	0	68
Thruway	0	0	0	2	0	2	3	0	2	3	0	2	1	0	1
Other Interstate	230	1	78	144	0	89	113	1	68	171	1	102	165	1	95
Unspecified	22	0	2	38	0	8	42	0	15	32	0	5	31	0	6
Source: New York State Dept. of Motor Vehicles (years up to 2000) 2001-2005 Data from Institute for Traffic Safety Management and Research															

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 35
**ROCKLAND COUNTY
 CRASHES BY JURISDICTION**

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	4,935	14	3,206	4,748	26	2,998	5,279	26	2,849	6,395	22	2,929	7,262	18	3,160
State Routes	1,781	8	1,265	1,806	11	1,183	1,986	11	1,176	2,216	13	1,119	2,534	6	1,219
County Routes	936	1	593	810	4	514	861	2	484	1,024	3	470	1,002	3	469
Town Routes	883	1	504	830	3	489	883	4	447	1,089	0	454	1,265	0	522
Municipal Streets	543	1	365	542	1	354	608	2	320	653	2	322	761	2	353
Parkways	370	2	215	350	4	219	355	3	191	585	3	255	728	2	260
Thruway	394	1	256	380	3	226	558	4	224	791	1	298	893	5	312
Other Interstate	9	0	3	6	0	4	3	0	1	5	0	2	10	0	2
Unspecified	19	0	5	24	0	9	25	0	6	32	0	9	69	0	23
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	6,069	20	2,990	4,702	25	2,970	4,685	18	2,928	4,517	29	2,853	4,354	22	2,755
State Routes	2,100	6	1,153	1,661	7	1,128	1,757	7	1,151	1,612	15	1,077	1,468	9	999
County Routes	542	2	267	517	2	330	327	0	214	567	2	365	499	3	315
Town Routes	1,419	4	675	1,100	6	633	1,195	4	693	854	4	457	847	2	488
Municipal Streets	762	3	377	551	1	375	589	2	398	493	1	324	499	2	336
Parkways	371	2	161	266	6	163	255	2	144	335	4	208	323	2	191
Thruway	749	3	309	491	3	306	313	3	193	486	3	338	579	4	378
Other Interstate	12	0	5	5	0	1	163	0	114	6	0	2	20	0	7
Unspecified	114	0	43	111	0	34	86	0	21	164	0	82	119	0	41

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 36
SUFFOLK COUNTY
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	21,732	153	15,602	23,261	147	14,656	29,642	162	14,974	31,405	153	14,619	34,854	151	15,233
State Routes	7,643	54	5,497	8,084	48	5,110	10,053	54	5,134	10,596	61	5,023	11,510	50	5,225
County Routes	4,890	45	3,722	5,483	48	3,670	6,851	40	3,756	7,279	44	3,661	7,838	43	3,710
Town Routes	6,984	41	4,898	7,422	41	4,484	9,871	43	4,710	10,222	32	4,505	11,785	46	4,782
Municipal Streets	796	4	532	856	3	485	1,121	7	475	1,325	1	500	1,437	2	512
Parkways	665	4	476	616	3	429	693	9	391	886	9	451	1,040	6	489
Thruway	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0
Other Interstate	623	5	437	689	4	442	901	9	478	945	6	447	1,044	4	455
Unspecified	131	0	40	111	0	36	152	0	30	151	0	31	198	0	60

	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	30,518	164	15,055	22,742	151	15,583	22,356	155	14,894	22,044	158	14,701	20,976	149	13,635
State Routes	10,004	59	5,165	7,436	59	5,162	7,467	54	5,061	7,300	48	4,948	6,902	52	4,623
County Routes	6,096	33	3,122	3,094	29	2,236	3,637	34	2,606	3,732	41	2,673	2,914	28	2,067
Town Routes	10,997	49	5,188	9,348	49	6,414	8,167	52	5,431	7,676	53	5,176	8,091	60	5,233
Municipal Streets	1,282	9	530	1,082	5	670	757	5	442	814	4	477	967	2	501
Parkways	902	7	473	749	4	521	661	7	447	799	7	559	809	2	514
Thruway	0	0	0	5	0	3	1	0	0	1	0	1	1	0	0
Other Interstate	911	4	464	604	5	426	740	2	493	836	5	539	825	5	525
Unspecified	326	3	113	424	0	151	926	1	414	886	0	328	467	0	172

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 37
**WESTCHESTER COUNTY
 CRASHES BY JURISDICTION**

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	13,992	63	8,822	14,097	54	8,577	16,310	52	8,646	17,451	51	8,408	19,153	56	8,672
State Routes	4,001	20	2,546	4,219	21	2,551	4,836	13	2,502	5,175	16	2,389	5,421	20	2,399
County Routes	1,321	2	889	1,226	5	781	1,374	3	823	1,213	4	691	1,126	3	595
Town Routes	1,076	5	568	1,149	1	588	1,351	4	561	1,572	7	587	1,866	4	655
Municipal Streets	4,349	12	2,767	4,078	9	2,653	4,551	13	2,878	4,896	12	2,899	5,277	6	2,941
Parkways	1,798	18	1,178	2,005	10	1,194	2,420	11	1,103	2,445	6	1,019	2,942	14	1,232
Thruway	733	2	506	644	2	407	710	6	357	946	2	452	1,058	4	379
Other Interstate	575	4	332	628	6	358	846	2	351	990	3	335	1,252	5	430
Unspecified	139	0	36	148	0	45	222	0	71	214	1	36	211	0	41
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	17,359	54	8,426	14,060	72	8,429	13,612	52	8,040	12,499	59	7,240	12,248	43	7,063
State Routes	4,755	15	2,271	3,297	24	1,970	3,230	14	1,936	2,972	15	1,729	2,797	13	1,639
County Routes	844	2	461	631	3	394	546	3	361	801	4	491	719	2	456
Town Routes	1,958	2	856	1,721	4	911	1,924	6	941	1,768	4	908	1,534	4	750
Municipal Streets	5,423	10	3,013	5,298	13	3,281	5,018	15	3,026	4,101	16	2,339	4,369	14	2,526
Parkways	2,141	13	978	1,583	19	1,052	1,522	6	962	1,503	12	988	1,516	6	970
Thruway	980	4	418	639	7	401	548	6	413	530	0	388	452	2	294
Other Interstate	958	8	343	584	2	351	600	1	351	596	8	325	687	1	394
Unspecified	300	0	86	307	0	69	224	1	50	228	0	72	174	1	34

Source: New York State Dept. of Motor Vehicles (years up to 2000)
 2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 38
**NEW YORK SUBURBS
 CRASHES BY JURISDICTION**

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	76,214	380	52,118	80,736	422	50,245	98,948	411	50,322	107,385	436	49,920	118,279	388	51,745
State Routes	24,417	138	17,041	25,700	150	16,164	30,981	132	16,046	33,577	174	15,804	36,785	145	16,481
County Routes	8,890	60	6,356	9,413	74	6,088	11,335	61	6,149	12,192	60	5,974	12,772	66	5,879
Town Routes	18,876	78	12,693	20,690	97	12,314	26,691	99	12,635	28,276	93	12,237	31,656	85	12,888
Municipal Streets	13,972	35	9,570	14,483	39	9,275	17,103	47	9,426	18,432	42	9,501	20,122	32	9,726
Parkways	5,662	48	3,817	5,912	36	3,833	7,363	44	3,649	8,369	45	3,840	9,455	31	4,078
Thruway	1,329	5	889	1,224	6	736	1,545	11	698	2,096	6	860	2,350	10	810
Other Interstate	2,496	16	1,607	2,749	20	1,656	3,239	17	1,523	3,736	15	1,549	4,341	19	1,690
Unspecified	572	0	145	565	0	179	691	0	196	707	1	155	798	0	193
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	102,691	416	50,112	78,376	428	51,296	77,093	420	49,359	74,476	442	47,558	72,207	402	44,890
State Routes	31,384	156	15,893	22,710	159	15,258	22,838	147	15,046	22,285	150	14,609	21,588	157	13,851
County Routes	9,366	53	4,677	5,501	41	3,791	5,830	46	4,031	6,378	60	4,349	5,474	39	3,671
Town Routes	29,811	94	13,906	23,927	104	15,595	22,694	117	14,353	21,217	120	13,490	20,639	103	12,656
Municipal Streets	18,204	42	9,344	15,611	50	10,147	14,629	57	9,189	13,244	47	8,267	13,501	45	8,204
Parkways	7,246	40	3,564	5,394	45	3,671	5,485	33	3,608	5,430	39	3,577	5,664	33	3,567
Thruway	2,038	11	845	1,390	14	855	1,057	10	730	1,219	3	851	1,236	9	782
Other Interstate	3,365	17	1,452	2,357	14	1,540	2,647	8	1,705	2,722	22	1,690	2,780	15	1,732
Unspecified	1,277	3	431	1,486	1	439	1,913	2	697	1,981	1	725	1,325	1	427
Source: New York State Dept. of Motor Vehicles (years up to 2000) 2001-2005 Data from Institute for Traffic Safety Management and Research															

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 39
DOWNSTATE NEW YORK
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	169,807	760	130,065	173,164	846	128,401	194,069	768	130,720	224,551	808	130,751	243,828	736	135,017
State Routes	24,756	139	17,309	26,000	154	16,402	31,255	136	16,261	33,961	177	16,042	37,174	146	16,721
County Routes	8,891	60	6,356	9,413	74	6,088	11,336	61	6,149	12,197	60	5,975	12,805	66	5,890
Town Routes	18,885	78	12,700	20,696	97	12,319	26,707	99	12,643	28,285	94	12,241	31,670	85	12,898
Municipal Streets	93,876	357	76,939	93,751	377	76,943	98,376	340	78,777	117,334	343	78,631	126,338	312	81,182
Parkways	11,463	75	8,495	11,777	79	8,632	13,530	76	8,664	16,129	86	9,174	17,901	68	9,636
Thruway	1,331	5	889	1,225	6	736	1,547	11	699	2,131	6	879	2,370	10	823
Other Interstate	9,954	46	7,192	9,647	59	7,069	10,525	45	7,290	13,713	41	7,602	14,631	49	7,592
Unspecified	651	0	185	655	0	212	793	0	237	801	1	207	939	0	275

	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	215,328	768	129,278	171,688	756	126,824	162,042	740	116,409	150,025	730	106,218	143,374	716	99,540
State Routes	31,783	158	16,174	23,087	163	15,544	23,036	148	15,190	22,725	155	14,947	21,967	161	14,113
County Routes	9,395	53	4,691	5,514	42	3,801	5,873	46	4,070	6,385	60	4,355	5,476	39	3,672
Town Routes	30,042	94	14,085	24,337	104	15,935	23,320	119	14,851	21,607	122	13,796	20,745	103	12,740
Municipal Streets	112,954	335	76,718	94,044	309	74,215	86,120	332	66,006	76,725	274	57,943	73,372	296	54,588
Parkways	14,760	72	8,679	11,986	76	8,883	11,094	56	7,934	10,447	69	7,378	10,554	69	7,266
Thruway	2,038	11	845	1,408	14	869	1,063	10	730	1,227	3	858	1,250	9	786
Other Interstate	12,510	42	7,184	9,609	47	7,015	9,315	27	6,761	8,675	46	6,097	8,461	37	5,861
Unspecified	1,846	3	902	1,703	1	562	2,221	2	867	2,234	1	844	1,549	2	514

Source: New York State Dept. of Motor Vehicles (years up to 2000)
2001-2005 Data from Institute for Traffic Safety Management and Research

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 40
NEW YORK STATE
CRASHES BY JURISDICTION

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	249,911	1,446	185,289	262,965	1,487	182,188	305,827	1,391	181,438	355,915	1,451	182,408	391,064	1,355	188,425
State Routes	58,454	496	40,634	63,449	496	39,198	77,406	448	37,526	89,026	497	38,177	98,058	453	39,421
County Routes	21,733	205	15,246	23,941	209	14,726	29,398	217	14,299	33,144	232	14,004	36,151	205	14,222
Town Routes	26,321	158	17,555	29,387	170	17,356	37,274	160	17,222	41,289	163	16,995	47,618	164	18,137
Municipal Streets	114,903	424	92,118	116,777	432	91,326	127,583	403	92,748	150,049	387	92,391	162,121	366	95,097
Parkways	11,608	77	8,574	11,948	81	8,693	13,754	76	8,721	16,428	87	9,246	18,216	68	9,712
Thruway	2,989	19	1,881	3,229	23	1,706	4,075	27	1,649	5,419	23	1,857	6,132	27	1,853
Other Interstate	12,771	67	8,946	13,013	76	8,828	14,767	60	8,830	18,918	61	9,340	20,716	72	9,464
Unspecified	1,132	0	335	1,221	0	355	1,570	0	443	1,642	1	398	2,052	0	519
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	331,979	1,431	178,772	253,710	1,390	179,132	246,926	1,351	167,514	232,758	1,369	154,980	225,848	1,308	146,643
State Routes	78,269	489	36,384	53,608	464	35,820	56,196	464	36,233	54,995	470	34,712	54,535	467	33,259
County Routes	23,106	183	10,576	14,688	161	9,730	15,014	138	9,732	16,036	174	10,109	15,722	132	9,570
Town Routes	47,022	203	20,911	37,411	210	24,009	36,717	234	22,218	34,195	223	20,759	33,377	208	19,307
Municipal Streets	142,085	375	89,795	114,624	370	88,068	106,279	370	78,651	95,735	325	69,899	92,402	341	66,338
Parkways	14,933	73	8,742	12,330	76	9,072	11,401	59	8,104	10,670	71	7,484	10,750	70	7,350
Thruway	4,820	34	1,767	3,281	26	1,947	2,887	28	1,818	3,072	23	1,891	3,233	21	1,869
Other Interstate	17,638	70	9,074	13,451	78	9,263	13,350	54	9,120	12,960	79	8,495	12,515	65	8,032
Unspecified	4,106	4	1,523	4,317	5	1,223	5,082	4	1,638	5,095	4	1,631	3,314	4	918
Source: New York State Dept. of Motor Vehicles (years up to 2000)															
2001-2005 Data from Institute for Traffic Safety Management and Research															

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 41
**DOWNSTATE % OF NEW YORK STATE
 CRASHES BY JURISDICTION**

	1996			1997			1998			1999			2000		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	67.9	52.6	70.2	65.9	56.9	70.5	63.5	55.2	72.0	62.9	55.3	71.5	62.2	54.2	71.5
State Routes	42.4	28.0	42.6	41.0	31.0	41.8	40.4	30.4	43.3	38.1	35.6	42.0	37.9	32.2	42.4
County Routes	40.9	29.3	41.7	39.3	35.4	41.3	38.6	28.1	43.0	36.8	25.9	42.7	35.4	32.2	41.4
Town Routes	71.7	49.4	72.3	70.4	57.1	71.0	71.7	61.9	73.4	68.5	57.7	72.0	66.5	51.8	71.1
Municipal Streets	81.7	84.2	83.5	80.3	87.3	84.3	77.1	84.4	84.9	78.2	88.6	85.1	77.9	85.2	85.4
Parkways	98.8	97.4	99.1	98.6	97.5	99.3	98.4	100.0	99.3	98.2	98.9	99.2	98.3	100.0	99.2
Thruway	44.5	26.3	47.3	37.9	26.1	43.1	38.0	40.7	42.4	39.3	26.1	47.3	38.6	37.0	44.4
Other Interstate	77.9	68.7	80.4	74.1	77.6	80.1	71.3	75.0	82.6	72.5	67.2	81.4	70.6	68.1	80.2
Unspecified	57.5	0.0	55.2	53.6	0.0	59.7	50.5	0.0	53.5	48.8	100.0	52.0	45.8	0.0	53.0
	2001			2002			2003			2004			2005		
	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj	Total Crashes	Fatal	Pers. Inj
Total	64.9	53.7	72.3	67.7	54.4	70.8	65.6	54.8	69.5	64.5	53.3	68.5	63.5	54.7	67.9
State Routes	40.6	32.3	44.5	43.1	35.1	43.4	41.0	31.9	41.9	41.3	33.0	43.1	40.3	34.5	42.4
County Routes	40.7	29.0	44.4	37.5	26.1	39.1	39.1	33.3	41.8	39.8	34.5	43.1	34.8	29.5	38.4
Town Routes	63.9	46.3	67.4	65.1	49.5	66.4	63.5	50.9	66.8	63.2	54.7	66.5	62.2	49.5	66.0
Municipal Streets	79.5	89.3	85.4	82.0	83.5	84.3	81.0	89.7	83.9	80.1	84.3	82.9	79.4	86.8	82.3
Parkways	98.8	98.6	99.3	97.2	100.0	97.9	97.3	94.9	97.9	97.9	97.2	98.6	98.2	98.6	98.9
Thruway	42.3	32.4	47.8	42.9	53.8	44.6	36.8	35.7	40.2	39.9	13.0	45.4	38.7	42.9	42.1
Other Interstate	70.9	60.0	79.2	71.4	60.3	75.7	69.8	50.0	74.1	66.9	58.2	71.8	67.6	56.9	73.0
Unspecified	45.0	75.0	59.2	39.4	20.0	46.0	43.7	50.0	52.9	43.8	25.0	51.7	46.7	50.0	56.0
Source: NYMTC calculations															

Due to changes in data compilation by the DMV, accident data for 2003-2005 are not strictly comparable to earlier years. The reduction in the total number of crashes captured in the AIS at DMV was the result of fewer property damage crashes included. Data for fatal and personal injury crashes remain comparable over time.

TABLE 42
2005 CRASHES BY CENTERLINE MILES

	Centerline Miles By County &Route			Percent of Centerline Miles By County & Route			Accidents By County & Route			Percent of Accidents By County & Route		
	A	B	C	A	B	C	A	B	C	A	B	C
Bronx	31.7	734.2	0.0	22.5	12.6	0.0	18	10,585	0	4.7	15.0	0.0
Kings	19.1	1,491.5	0.0	13.6	25.7	0.0	83	20,474	0	21.9	28.9	0.0
New York	14.5	517.3	0.0	10.3	8.9	0.0	118	13,772	0	31.1	19.5	0.0
Queens	54.1	2,353.3	0.0	38.4	40.5	0.0	44	21,300	0	11.6	30.1	0.0
Richmond	21.5	711.7	0.0	15.3	12.3	0.0	116	4,655	0	30.6	6.6	0.0
NEW YORK CITY	140.9	5,808.0	0.0	100.0	100.0	0.0	379	70,786	0	100.0	100.0	0.0
Dutchess	370.5	1,597.9	393.2	17.1	9.3	18.7	2,258	1,755	556	10.5	3.9	10.2
Nassau	214.1	3,404.7	499.5	9.9	19.8	23.8	4,870	17,918	153	22.6	39.7	2.8
Orange	398.1	1,725.7	314.9	18.4	10.0	15.0	2,557	2,475	462	11.8	5.5	8.4
Putnam	133.8	572.2	117.5	6.2	3.3	5.6	736	718	171	3.4	1.6	3.1
Rockland	98.2	826.8	168.4	4.5	4.8	8.0	1,468	2,387	499	6.8	5.3	9.1
Suffolk	497.6	6,371.3	432.3	23.0	37.0	20.6	6,902	11,160	2,914	32.0	24.7	53.2
Westchester	452.1	2,705.2	175.8	20.9	15.7	8.4	2,797	8,732	719	13.0	19.3	13.1
NEW YORK SUBURBS	2,164.3	17,203.8	2,101.7	100.0	100.0	100.0	21,588	45,145	5,474	100.0	100.0	100.0
DOWNSTATE NY	2,305.2	23,011.8	2,101.7				21,967	115,931	5,474			
NEW YORK STATE	15,656.6	76,073.0	20,393.3				54,535	155,591	15,722			
Downstate % of NYS	14.7	30.2	10.3				40.3	74.5	34.8			
Where: A = State Route, B = Town Village or City Route, C = County Route												
Source: New York State Dept. of Motor Vehicles, New York State DOT												

Notes on reading this chart:

1. Centerline miles is the number of miles by type for a county; example Bronx has 31.7 state route miles, 734.2 town, village or city miles.
2. Percent of centerline miles is the percent of route miles for an area. For example, the Bronx has 22.5% of the state route miles for New York City while Westchester has 8.4% of county miles in the suburbs.
3. Accidents by county and route are the number of accidents by county for route type. For example, Kings county had 83 accidents on state routes while Dutchess had 2,258 accidents on state routes. But Kings county has 19.1 miles of state route while Dutchess has 370.5 miles of state route.
4. Percent of accidents by county and route indicates the percent of accidents by route in an area. For example the Bronx had 4.7% of the accidents in New York City on state routes.
5. To put all these figures in perspective examine the New York and Westchester County figures for state routes.
New York County has 10.3% of the New York City state route roads but 31.1% of the accidents on New York City state route roads.
Westchester county has 20.9% of the suburb state route roads but 13.0% of the accidents on suburban state route roads.

TABLE 43
TWO VEHICLE CRASHES
BY MANNER OF COLLISION

	2003			2004			2005		
	New York State	Suburbs	New York City	New York State	Suburbs	New York City	New York State	Suburbs	New York City
Rear End	49,933	17,912	17,659	47,450	17,934	15,302	45,386	17,022	14,222
Overtaking	7,892	2,100	4,347	7,661	2,101	3,967	8,740	2,621	4,205
Left Turn	14,057	5,128	4,412	14,030	5,135	4,011	13,860	5,025	3,745
Right Angle	30,185	9,359	11,622	28,023	8,942	10,113	26,244	8,367	9,217
Right Turn	3,440	1,263	1,200	3,448	1,253	1,173	3,378	1,191	1,055
Head On	2,556	932	642	3,071	1,144	749	3,047	1,034	701
Sideswipe	3,904	1,133	1,660	3,929	1,236	1,449	4,597	1,403	1,397
All Other	2,435	718	933	1,819	506	694	1,804	543	557
Unknown	44,602	14,703	15,369	37,619	12,767	12,604	32,934	11,612	11,692
	159,004	53,248	57,844	147,050	51,018	50,062	139,990	48,818	46,791

Source: Institute for Traffic Safety Management and Research
 Two vehicle accidents include parked vehicles

TABLE 44
SINGLE AND MULTI-VEHICLE CRASHES BY COUNTY
2005

	Single Vehicle Accidents	Two Vehicle Accidents	3 or More Vehicle Accidents
Bronx	2,367	7,190	1,046
Kings	5,291	13,111	2,155
New York	4,726	8,061	1,103
Queens	3,997	14,980	2,368
Richmond	791	3,449	532
NEW YORK CITY	17,172	46,791	7,204
Dutchess	1,766	2,527	276
Nassau	3,334	16,962	2,645
Orange	2,063	3,059	372
Putnam	690	813	122
Rockland	1,106	2,807	441
Suffolk	4,211	14,808	1,957
Westchester	3,294	7,842	1,112
NEW YORK SUBURBS	16,464	48,818	6,925
DOWNSTATE NY	33,636	95,609	14,129
NEW YORK STATE	66,419	139,990	19,439
<i>Downstate % of NYS</i>	50.6	68.3	72.7
Source: Institute for Traffic Safety Management and Research			

TABLE 45A
2005 VEHICLE CRASHES BY COUNTY
BY DAY OF WEEK

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Bronx	1,292	1,487	1,562	1,496	1,498	1,739	1,529
Kings	2,639	2,900	2,958	3,068	2,924	3,151	2,917
New York	1,783	1,880	1,904	2,030	2,040	2,201	2,052
Queens	2,558	3,069	3,133	3,245	3,127	3,275	2,938
Richmond	549	681	690	677	750	819	606
NEW YORK CITY	8,821	10,017	10,247	10,516	10,339	11,185	10,042
Dutchess	486	622	736	692	689	696	648
Nassau	2,203	3,371	3,712	3,503	3,599	3,622	2,931
Orange	653	785	822	818	778	882	756
Putnam	197	217	243	215	247	223	283
Rockland	503	654	637	666	662	690	542
Suffolk	2,179	2,898	3,150	3,216	3,146	3,423	2,964
Westchester	1,210	1,718	1,882	1,895	1,848	2,013	1,682
NEW YORK SUBURBS	7,431	10,265	11,182	11,005	10,969	11,549	9,806
DOWNSTATE NY	16,252	20,282	21,429	21,521	21,308	22,734	19,848
NEW YORK STATE	25,040	31,416	33,297	33,903	33,818	36,851	31,523

Source: Institute for Traffic Safety Management and Research

TABLE 45B
2005 VEHICLE CRASHES
BY TIME OF DAY

	12am-3am	3am-6am	6am-9am	9am-noon	noon-3pm	3pm-6pm	6pm-9pm	9pm-mid	Unknown
Bronx	473	382	1,172	1,322	1,688	2,234	1,722	1,009	601
Kings	1,007	766	2,264	2,646	3,347	4,115	3,330	2,201	881
New York	893	759	1,237	1,848	2,272	2,510	2,113	1,537	721
Queens	1,007	804	2,593	2,885	3,396	4,138	3,289	1,963	1,270
Richmond	177	161	530	566	860	1,097	706	355	320
New York City	3,557	2,872	7,796	9,267	11,563	14,094	11,160	7,065	3,793
Dutchess	131	128	533	557	786	1,053	645	354	382
Nassau	594	498	2,708	3,204	4,325	5,224	3,323	1,573	1,492
Orange	207	201	636	653	986	1,320	756	391	344
Putnam	57	67	200	198	264	368	230	118	123
Rockland	140	130	555	545	721	1,017	622	315	309
Suffolk	711	589	2,540	2,682	3,734	4,647	2,877	1,533	1,663
Westchester	350	323	1,641	1,684	2,016	2,663	1,660	914	997
New York Suburbs	2,190	1,936	8,813	9,523	12,832	16,292	10,113	5,198	5,310
Downstate	5,747	4,808	16,609	18,790	24,395	30,386	21,273	12,263	9,103
NY State	8,842	7,514	26,319	29,052	38,421	48,677	32,361	18,706	15,956
Downstate % of NYS	65.0	64.0	63.1	64.7	63.5	62.4	65.7	65.6	57.1

Source: Institute for Traffic Safety Management and Research

TABLE 45C
2005 VEHICLE CRASHES
 BY TIME OF DAY AND DAY OF WEEK OF MOST ACCIDENTS

	Fatal Crashes		Personal Injury Crashes		Property Damage	
	Day of Week	Time	Day of Week	Time	Day of Week	Time
Bronx	Sunday	3am-6am	Friday	3pm-6pm	Friday	3pm-6pm
Kings	Sunday	Mid-3am	Friday	3pm-6pm	Friday	3pm-6pm
New York	Friday	9am-noon,6pm-9pm	Friday	3pm-6pm	Friday	3pm-6pm
Queens	Thursday	9pm-Mid	Wednesday	3pm-6pm	Friday	3pm-6pm
Richmond	Sunday, Friday	numerous	Friday	3pm-6pm	Friday	3pm-6pm
Dutchess	Saturday	6pm-9pm	Friday	3pm-6pm	Tuesday	3pm-6pm
Nassau	Monday	3pm-6pm	Tuesday	3pm-6pm	Tuesday	3pm-6pm
Orange	Wednesday	6pm-9pm	Friday	3pm-6pm	Friday	3pm-6pm
Putnam	Sunday	6pm-9pm	Tuesday, Thursday	3pm-6pm	Saturday	12pm-3pm, 3pm-6pm
Rockland	Tuesday	3pm-6pm	Monday, Thursday	3pm-6pm	Friday	3pm-6pm
Suffolk	Saturday	9pm-Mid	Friday	3pm-6pm	Friday	3pm-6pm
Westchester	Sunday	3pm-6pm, 9pm-Mid	Friday	3pm-6pm	Friday	3pm-6pm
NEW YORK STATE	Saturday	3am-6am	Friday	3pm-6pm	Friday	3pm-6pm
Source: NYMTC Calculations						

TABLE 46
TRANSIT ACCIDENTS
METROPOLITAN TRANSPORTATION AUTHORITY

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
BUS TRANSIT											
MTA/NEW YORK CITY TRANSIT											
Total Accidents	62	46	43	56	47	47	55	52	31	45	49
Fatalities	5	6	5	4	9	4	10	9	6	1	3
Injuries	323	273	208	410	291	351	296	270	140	276	203
MTA/LONG ISLAND BUS											
Total Accidents	1	7	3	9	9	6	3	2	9	3	4
Fatalities	1	0	0	0	0	3	1	0	1	1	0
Injuries	0	29	19	45	62	15	2	7	40	3	0
TOTAL BUS TRANSIT											
Total Accidents	63	53	46	65	56	53	58	54	40	48	53
Fatalities	6	6	5	4	9	7	11	9	7	2	3
Injuries	323	302	227	455	353	366	298	277	180	279	203
RAIL RAPID TRANSIT											
MTA/NEW YORK CITY TRANSIT											
Total Accidents	12	15	10	10	12	10	9	6	6	11	6
Fatalities	4	3	2	4	3	4	0	1	2	4	2
Injuries	126	62	98	7	69	113	16	2	129	8	38
MTA/STATEN ISLAND RAILWAY											
Total Accidents	1	3	0	1	1	1	1	3	1	0	0
Fatalities	0	0	0	0	0	0	0	0	0	0	0
Injuries	0	0	0	0	0	0	0	0	0	0	0
TOTAL RAIL RAPID TRANSIT											
Total Accidents	13	18	10	11	13	11	10	9	7	11	6
Fatalities	4	3	2	4	3	4	0	1	2	4	2
Injuries	126	62	98	7	69	113	16	2	129	8	38
SUBURBAN RAIL											
MTA/METRO-NORTH RAILROAD											
Total Accidents	4	7	6	7	1	4	1	6	3	5	1
Fatalities	0	1	0	0	0	0	0	0	0	1	0
Injuries	20	0	1	4	0	0	0	3	14	65	0
MTA/LONG ISLAND RAIL ROAD											
Total Accidents	21	26	22	14	8	13	15	14	13	18	17
Fatalities	5	8	4	2	2	1	5	2	4	7	10
Injuries	69	15	2	2	3	8	12	70	4	133	4
TOTAL SUBURBAN RAIL											
Total Accidents	25	33	28	21	9	17	16	20	16	23	18
Fatalities	5	9	4	2	2	1	5	2	4	8	10
Injuries	89	15	3	6	3	8	12	73	18	198	4
TOTAL TRANSIT ACCIDENTS											
Total Accidents	101	104	84	97	78	81	84	83	63	82	77
Fatalities	15	18	11	10	14	12	16	12	13	14	15
Injuries	538	379	328	468	425	487	326	352	327	485	245

Source: New York State Public Transportation Safety Board

TABLE 47
TRANSIT ACCIDENTS RATIO
PER MILLION RIDERS

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
BUS TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.135	0.094	0.079	0.091	0.071	0.067	0.059	0.053	0.034	0.050	0.051
MTA/LONG ISLAND BUS	0.054	0.273	0.112	0.319	0.307	0.201	0.097	0.065	0.296	0.098	0.127
TOTAL BUS TRANSIT	0.132	0.103	0.081	0.101	0.080	0.073	0.061	0.054	0.042	0.052	0.054
RAIL RAPID TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.011	0.014	0.009	0.008	0.009	0.007	0.005	0.004	0.004	0.006	0.003
MTA/STATEN ISLAND RAILWAY	0.196	0.600	0.000	0.278	0.256	0.244	0.252	0.833	0.294	0.000	0.000
TOTAL RAIL RAPID TRANSIT	0.012	0.016	0.009	0.009	0.010	0.008	0.006	0.005	0.004	0.006	0.003
SUBURBAN RAIL											
MTA/METRO-NORTH RAILROAD	0.066	0.114	0.096	0.108	0.015	0.056	0.014	0.082	0.041	0.069	0.013
MTA/LONG ISLAND RAIL ROAD	0.285	0.349	0.290	0.174	0.097	0.153	0.147	0.139	0.133	0.187	0.178
TOTAL SUBURBAN RAIL	0.186	0.243	0.202	0.145	0.060	0.109	0.092	0.115	0.094	0.136	0.106
TOTAL TRANSIT ACCIDENTS	0.059	0.059	0.046	0.049	0.037	0.036	0.029	0.029	0.022	0.029	0.026

TABLE 48
TRANSIT ACCIDENTS RATIO
PER MILLION MILES TRAVELED

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	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
BUS TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.700	0.482	0.441	0.617	0.498	0.475	0.556	0.509	0.266	0.379	0.404
MTA/LONG ISLAND BUS	0.110	0.686	0.313	0.938	0.789	0.508	0.246	0.159	0.709	0.234	0.308
TOTAL BUS TRANSIT	0.645	0.502	0.429	0.648	0.530	0.479	0.522	0.471	0.310	0.365	0.395
RAIL RAPID TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.038	0.049	0.032	0.033	0.038	0.031	0.028	0.018	0.018	0.032	0.018
MTA/STATEN ISLAND RAILWAY	0.556	1.429	0.000	0.476	0.476	0.500	0.466	1.429	0.048	0.000	0.000
TOTAL RAIL RAPID TRANSIT	0.041	0.058	0.031	0.035	0.041	0.034	0.030	0.027	0.021	0.032	0.018
SUBURBAN RAIL											
MTA/METRO-NORTH RAILROAD	0.106	0.167	0.138	0.155	0.021	0.082	0.020	0.121	0.062	0.101	0.019
MTA/LONG ISLAND RAIL ROAD	0.375	0.476	0.380	0.241	0.139	0.228	0.261	0.243	0.229	0.309	0.290
TOTAL SUBURBAN RAIL	0.267	0.342	0.276	0.203	0.086	0.161	0.150	0.187	0.152	0.213	0.163
TOTAL TRANSIT ACCIDENTS	0.200	0.203	0.160	0.190	0.149	0.150	0.154	0.149	0.110	0.141	0.132

