

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL

TRANSPORTATION

SAFETY

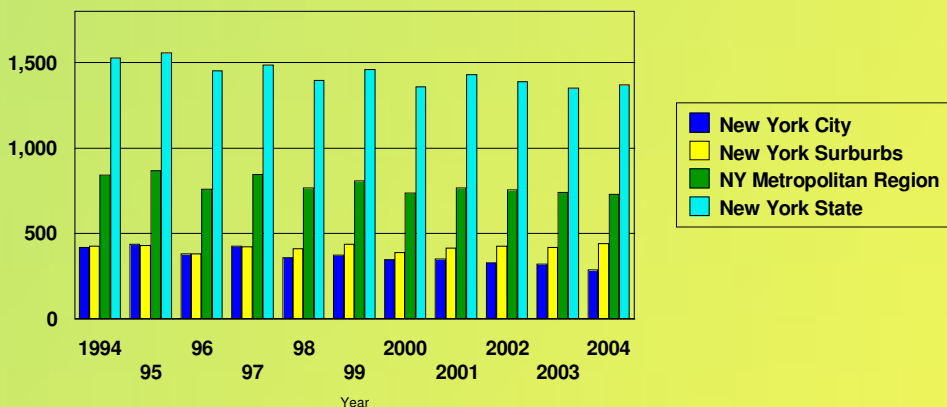
STATISTICAL

REPORT

2003-2004



**MOTOR VEHICLE CRASHES
RESULTING IN FATALITY**



Source: NYS Dept. of Motor Vehicles
Data for 2001-2002 compiled by Institute for Traffic Safety Management and Research



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 **2003-2004 Transportation Statistics**. 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
2004 MOTOR VEHICLE CRASH DATA

MOTOR VEHICLE CRASHES Total Number		MOTOR VEHICLE CRASHES Resulting in Fatality		MOTOR VEHICLE CRASHES Resulting in Injury		MOTOR VEHICLE CRASHES Resulting in Property Damage		MOTOR VEHICLE CRASHES by Contributing Human Factors		MOTOR VEHICLE CRASHES by Contributing Vehicular Factors	
1	Nassau 23,675	1	Suffolk 158	1	Kings 18,371	1	Nassau 8,073	1	Nassau 11,847	1	Kings 1,079
2	Queens 22,478	2	Nassau 110	2	Queens 16,855	2	Suffolk 7,185	2	Suffolk 10,522	2	Queens 904
3	Kings 22,119	3	Kings 86	3	Nassau 15,492	3	Queens 5,544	3	Kings 8,621	3	New York 625
4	Suffolk 22,044	4	Queens 79	4	Suffolk 14,701	4	Westchester 5,200	4	Queens 6,748	4	Bronx 497
5	New York 14,435	5	Westchester 59	5	New York 10,886	5	Kings 3,662	5	New York 5,902	5	Suffolk 375
6	Westchester 12,499	6	Bronx 53	6	Bronx 9,086	6	New York 3,502	6	Westchester 4,628	6	Nassau 353
7	Bronx 11,623	7	New York 47	7	Westchester 7,240	7	Bronx 2,484	7	Bronx 3,722	7	Westchester 233
8	Orange 5,652	8	Dutchess 39	8	Orange 3,681	8	Orange 1,932	8	Orange 2,946	8	Richmond 134
9	Richmond 4,894	9	Orange 39	9	Richmond 3,462	9	Dutchess 1,721	9	Rockland 2,158	9	Orange 128
10	Rockland 4,517	10	Rockland 29	10	Rockland 2,853	10	Rockland 1,635	10	Dutchess 2,126	10	Dutchess 106
11	Dutchess 4,446	11	Richmond 23	11	Dutchess 2,686	11	Richmond 1,409	11	Richmond 2,042	11	Rockland 83
12	Putnam 1,643	12	Putnam 8	12	Putnam 905	12	Putnam 730	12	Putnam 766	12	Putnam 12
Total 150,025		Total 730		Total 106,218		Total 43,077		Total 62,028		Total 4,529	

II:

CRASHES BY CONTRIBUTING Environmental Factors		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 2,135	1	Nassau 47,059	1	Suffolk 249	1	Kings 34,600	1	Nassau 16,136	1	Queens 26,131
2	Nassau 1,934	2	Queens 44,190	2	Nassau 171	2	Queens 32,824	2	Suffolk 13,716	2	Kings 25,758
3	Kings 1,111	3	Suffolk 42,217	3	Kings 133	3	Nassau 30,752	3	Queens 11,260	3	Nassau 24,415
4	Westchester 1,086	4	Kings 42,214	4	Queens 106	4	Suffolk 28,252	4	Westchester 9,677	4	Suffolk 21,980
5	Queens 1,034	5	New York 25,836	5	Westchester 95	5	New York 18,707	5	Kings 7,481	5	New York 17,062
6	Orange 824	6	Westchester 23,300	6	Bronx 73	6	Bronx 17,184	6	New York 7,067	6	Bronx 13,333
7	New York 643	7	Bronx 22,281	7	New York 62	7	Westchester 13,528	7	Bronx 5,024	7	Westchester 11,885
8	Dutchess 577	8	Orange 9,731	8	Dutchess 61	8	Richmond 6,755	8	Orange 3,031	8	Orange 5,139
9	Bronx 533	9	Richmond 9,621	9	Orange 56	9	Orange 6,644	9	Rockland 3,029	9	Richmond 4,950
10	Rockland 472	10	Rockland 8,506	10	Rockland 46	10	Rockland 5,431	10	Richmond 2,828	10	Rockland 4,591
11	Richmond 351	11	Dutchess 7,581	11	Richmond 38	11	Dutchess 4,795	11	Dutchess 2,725	11	Dutchess 3,870
12	Putnam 220	12	Putnam 2,751	12	Putnam 11	12	Putnam 1,577	12	Putnam 1,163	12	Putnam 1,514
Total 10,920		Total 285,287		Total 1,101		Total 201,049		Total 83,137		Total 160,628	

TABLE A (page 2 of 2)
NEW YORK METROPOLITAN CATEGORICAL RANKINGS
2004 MOTOR VEHICLE CRASH DATA

	FEMALE DRIVERS Involved in Motor Vehicle Crashes			VEHICULAR/PEDESTRIAN Crashes at Intersection			VEHICULAR/PEDESTRIAN Crashes Not at Intersection			TOTAL PEDESTRIAN Fatalities			TOTAL BICYCLIST Killed or Injured	
1	Nassau	18,466	1	Kings	2,688	1	Kings	776	1	Kings	52	1	Kings	1,149
2	Suffolk	16,882	2	New York	2,439	2	New York	653	2	Suffolk	41	2	New York	906
3	Queens	11,596	3	Queens	1,575	3	Queens	477	3	New York	35	3	Queens	555
4	Kings	9,562	4	Bronx	1,119	4	Bronx	383	4	Nassau	34	4	Nassau	490
5	Westchester	8,742	5	Nassau	602	5	Nassau	371	5	Bronx	30	5	Suffolk	450
6	Bronx	5,333	6	Westchester	343	6	Suffolk	243	6	Queens	30	6	Bronx	330
7	New York	4,316	7	Suffolk	323	7	Westchester	235	7	Westchester	14	7	Westchester	137
8	Orange	3,924	8	Richmond	250	8	Richmond	95	8	Richmond	8	8	Richmond	71
9	Richmond	3,336	9	Rockland	81	9	Orange	82	9	Dutchess	4	9	Dutchess	45
10	Rockland	3,258	10	Orange	70	10	Rockland	64	10	Rockland	3	10	Rockland	45
11	Dutchess	3,165	11	Dutchess	41	11	Dutchess	38	11	Orange	2	11	Orange	43
12	Putnam	1,055	12	Putnam	4	12	Putnam	10	12	Putnam	2	12	Putnam	8
Total		89,635	Total		9,535	Total		3,427	Total		255	Total		4,229

	Crashes with Contributing Alcohol Involvement (#'s)			Crashes with Contributing Alcohol Involvement (%) a,b			Male Crashes per 1000 Driver Licenses			Female Crashes per 1000 Driver Licenses	
1	Suffolk	487	1	Dutchess	6.3	1	Bronx	54.43	1	Nassau	37.53
2	Nassau	423	2	Putnam	5.6	2	Kings	53.28	2	Orange	32.49
3	Kings	257	3	Orange	5.4	3	Nassau	48.78	3	Rockland	31.80
4	Westchester	227	4	Rockland	5.0	4	New York	43.93	4	Suffolk	31.54
5	Queens	215	5	Westchester	4.9	5	Queens	43.58	5	Bronx	30.65
6	New York	174	6	Suffolk	4.6	6	Rockland	42.64	6	Dutchess	30.42
7	Orange	158	7	Bronx	4.1	7	Orange	40.85	7	Kings	27.97
8	Bronx	152	8	Richmond	3.8	8	Suffolk	40.07	8	Putnam	27.68
9	Dutchess	135	9	Nassau	3.6	9	Putnam	38.23	9	Westchester	27.23
10	Rockland	108	10	Queens	3.2	10	Dutchess	36.72	10	Queens	26.15
11	Richmond	78	11	Kings	3.0	11	Westchester	36.11	11	Richmond	23.82
12	Putnam	43	12	New York	2.9	12	Richmond	32.21	12	New York	14.05
Total		2,457									

a. Percent of all crashes

b. Police reported crashes with a human factor

TABLE B (page 1 of 2)
NEW YORK METROPOLITAN CATEGORICAL RANKINGS
2003 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			by Contributing Vehicular Factors		
1	Queens	25,688	1	Suffolk	155	1	Kings	20,983	1	Nassau	8,185	1	Nassau	11,994	1	Kings	1,339
2	Kings	24,909	2	Nassau	104	2	Queens	19,565	2	Suffolk	7,307	2	Suffolk	10,376	2	Queens	1,041
3	Nassau	24,461	3	Queens	103	3	Nassau	16,172	3	Queens	6,020	3	Kings	10,046	3	Bronx	624
4	Suffolk	22,356	4	Kings	85	4	Suffolk	14,894	4	Westchester	5,520	4	Queens	7,449	4	New York	620
5	New York	15,463	5	New York	64	5	New York	11,833	5	Kings	3,841	5	New York	6,196	5	Suffolk	387
6	Bronx	13,662	6	Westchester	52	6	Bronx	10,957	6	New York	3,566	6	Westchester	4,824	6	Nassau	326
7	Westchester	13,612	7	Orange	47	7	Westchester	8,040	7	Bronx	2,659	7	Bronx	4,706	7	Westchester	235
8	Orange	5,886	8	Bronx	46	8	Richmond	3,712	8	Orange	2,138	8	Orange	2,852	8	Richmond	168
9	Richmond	5,227	9	Dutchess	32	9	Orange	3,701	9	Dutchess	1,750	9	Rockland	2,140	9	Orange	133
10	Rockland	4,685	10	Richmond	22	10	Rockland	2,928	10	Rockland	1,739	10	Richmond	2,133	10	Rockland	113
11	Dutchess	4,524	11	Rockland	18	11	Dutchess	2,742	11	Richmond	1,493	11	Dutchess	2,063	11	Dutchess	84
12	Putnam	1,569	12	Putnam	12	12	Putnam	882	12	Putnam	675	12	Putnam	659	12	Putnam	34
Total		162,042	Total		740	Total		116,409	Total		44,893	Total		65,438	Total		5,104

CRASHES BY CONTRIBUTING Environmental Factors		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	2,169	1	Queens	50,770	1	Suffolk	239	1	Kings	39,573	1	Nassau	16,342	1	Queens	30,354
2	Nassau	2,148	2	Nassau	48,739	2	Queens	182	2	Queens	38,386	2	Suffolk	14,018	2	Kings	29,159
3	Kings	1,319	3	Kings	47,544	3	Nassau	164	3	Nassau	32,233	3	Queens	12,202	3	Nassau	25,556
4	Westchster	1,300	4	Suffolk	42,889	4	Kings	129	4	Suffolk	28,632	4	Westchester	10,314	4	Suffolk	22,211
5	Queens	1,297	5	New York	27,757	5	Westchester	87	5	Bronx	20,736	5	Kings	7,842	5	New York	18,526
6	Orange	814	6	Bronx	26,169	6	New York	83	6	New York	20,521	6	New York	7,153	6	Bronx	15,923
7	Bronx	746	7	Westchester	25,404	7	Orange	75	7	Westchester	15,003	7	Bronx	5,361	7	Westchester	13,034
8	New York	692	8	Richmond	10,267	8	Bronx	72	8	Richmond	7,263	8	Orange	3,389	8	Richmond	5,448
9	Dutchess	579	9	Orange	10,122	9	Dutchess	51	9	Orange	6,658	9	Rockland	3,207	9	Orange	5,447
10	Rockland	532	10	Rockland	8,818	10	Richmond	31	10	Rockland	5,587	10	Richmond	2,973	10	Rockland	4,769
11	Richmond	420	11	Dutchess	7,811	11	Rockland	24	11	Dutchess	4,975	11	Dutchess	2,785	11	Dutchess	4,052
12	Putnam	238	12	Putnam	2,635	12	Putnam	19	12	Putnam	1,544	12	Putnam	1,072	12	Putnam	1,420
Total		12,254	Total	308,925	Total	1,156	Total	221,111	Total	86,658	Total	175,899					

TABLE B (page 2 of 2)
NEW YORK METROPOLITAN CATEGORICAL RANKINGS
2003 MOTOR VEHICLE CRASH DATA

	FEMALE DRIVERS Involved in Motor Vehicle Crashes			VEHICULAR/PEDESTRIAN Crashes at Intersection			VEHICULAR/PEDESTRIAN Crashes Not at Intersection			TOTAL PEDESTRIAN Fatalities			TOTAL BICYCLIST Killed or Injured	
1	Nassau	18,970	1	Kings	2,703	1	Kings	1,029	1	Kings	53	1	Kings	1,165
2	Suffolk	17,226	2	New York	2,440	2	New York	670	2	New York	41	2	New York	906
3	Queens	12,998	3	Queens	1,608	3	Queens	559	3	Suffolk	41	3	Queens	507
4	Kings	10,627	4	Bronx	1,260	4	Bronx	532	4	Queens	38	4	Nassau	472
5	Westchester	9,540	5	Nassau	537	5	Nassau	404	5	Nassau	28	5	Suffolk	456
6	Bronx	6,202	6	Westchester	348	6	Suffolk	306	6	Bronx	22	6	Bronx	338
7	New York	4,584	7	Suffolk	275	7	Westchester	298	7	Westchester	10	7	Westchester	135
8	Orange	3,879	8	Richmond	208	8	Richmond	128	8	Richmond	8	8	Richmond	61
9	Richmond	3,435	9	Rockland	58	9	Orange	95	9	Rockland	5	9	Orange	59
10	Rockland	3,378	10	Orange	53	10	Rockland	81	10	Orange	4	10	Dutchess	43
11	Dutchess	3,193	11	Dutchess	37	11	Dutchess	44	11	Dutchess	3	11	Rockland	39
12	Putnam	1,030	12	Putnam	6	12	Putnam	20	12	Putnam	1	12	Putnam	5
Total		95,062	Total		9,533	Total		4,166	Total		254	Total		4,186

	CRASHES BY Contributing Alcohol Involvement (#'s)			CRASHES BY Contributing Alcohol Involvement (%) a,b			Male Crashes per 1,000 Driver Licenses			Female Crashes per 1,000 Driver Licenses	
1	Suffolk	495	1	Orange	6.5	1	Bronx	63.85	1	Nassau	38.29
2	Nassau	372	2	Dutchess	6.3	2	Kings	58.85	2	Bronx	35.44
3	Kings	285	3	Putnam	5.8	3	Nassau	50.44	3	Rockland	32.63
4	Westchester	241	4	Westchester	5.0	4	Queens	49.15	4	Orange	32.33
5	Queens	227	5	Suffolk	4.8	5	New York	47.09	5	Suffolk	32.14
6	New York	202	6	Rockland	4.4	6	Rockland	43.56	6	Kings	30.83
7	Orange	184	7	Richmond	3.4	7	Orange	43.40	7	Dutchess	30.82
8	Bronx	134	8	New York	3.3	8	Suffolk	40.27	8	Westchester	29.38
9	Dutchess	131	9	Nassau	3.1	9	Westchester	38.83	9	Queens	28.91
10	Rockland	95	10	Queens	3.0	10	Dutchess	38.45	10	Putnam	26.88
11	Richmond	72	11	Bronx	2.8	11	Putnam	35.54	11	Richmond	24.49
12	Putnam	38	12	Kings	2.8	12	Richmond	35.22	12	New York	14.92
Total		2,476									

a. Percent of all crashes

b. Police reported crashes with a human factor

TABLE C
NYMTC REGIONAL RECAPITULATION

	2002	2003	2004	2002/2003 (%)	2003/2004 (%)
MOTOR VEHICLE CRASHES					
TOTAL NUMBER OF MOTOR VEHICLE CRASHES	171,688	162,042	150,025	-5.6	-7.4
CRASHES RESULTING IN FATALITY	756	740	730	-2.1	-1.4
CRASHES RESULTING IN INJURY	126,824	116,409	106,218	-8.2	-8.8
CRASHES RESULTING IN PROPERTY DAMAGE	44,108	44,893	43,077	1.8	-4.0
CRASHES BY CONTRIBUTING HUMAN FACTORS	83,327	65,438	62,028	-21.5	-5.2
CRASHES BY CONTRIBUTING VEHICULAR FACTORS	6,212	5,104	4,529	-17.8	-11.3
CRASHES BY CONTRIBUTING ENVIRONMENTAL FACTORS	13,988	12,254	10,920	-12.4	-10.9
VEHICLES INVOLVED IN ALL TYPES OF CRASHES	330,490	308,925	285,287	-6.5	-7.7
VEHICLES INVOLVED IN CRASHES RESULTING IN FATALITY	1,178	1,156	1,101	-1.9	-4.8
VEHICLES INVOLVED IN CRASHES RESULTING IN INJURY	243,351	221,111	201,049	-9.1	-9.1
VEHICLES INVOLVED IN CRASHES RESULTING IN PROPERTY DAMAGE	85,961	86,658	83,137	0.8	-4.1
MOTOR VEHICLE CRASHES INVOLVING MALE DRIVERS	191,095	175,899	160,628	-8.0	-8.7
MOTOR VEHICLE CRASHES INVOLVING FEMALE DRIVERS	101,090	95,062	89,635	-6.0	-5.7
VEHICULAR/PEDESTRIAN CRASHES AT INTERSECTION	9,586	9,533	9,535	-0.6	0.0
VEHICULAR/PEDESTRIAN CRASHES NOT AT INTERSECTION	4,445	4,166	3,427	-6.3	-17.7
PEDESTRIAN FATALITIES IN VEHICULAR/PEDESTRIAN CRASHES	248	254	255	2.4	0.4
TOTAL BICYCLISTS KILLED OR INJURED	4,541	4,186	4,229	-7.8	1.0
BICYCLIST FATALITIES IN VEHICULAR/BICYCLE CRASHES	27	29	26	7.4	-10.3
TRANSIT ACCIDENTS					
TRANSIT ACCIDENTS					
TOTAL	83	63	82	-24.1	30.2
FATALITIES	12	13	14	8.3	7.7
INJURIES	352	327	485	-7.1	48.3
RATIO PER MILLION RIDERS	0.029	0.022	0.029	-24.1	31.8
RATIO PER MILLION VEHICLE MILES TRAVELED	0.149	0.11	0.141	-26.2	28.2
BUS TRANSIT ACCIDENTS					
TOTAL	54	40	48	-25.9	20.0
FATALITIES	9	7	2	-22.2	-71.4
INJURIES	277	180	279	-35.0	55.0
RATIO PER MILLION RIDERS	0.054	0.042	0.052	-22.2	23.8
RATIO PER MILLION VEHICLE MILES TRAVELED	0.471	0.31	0.368	-34.2	18.7
RAIL RAPID TRANSIT ACCIDENTS					
TOTAL	9	7	11	-22.2	57.1
FATALITIES	1	2	4	100.0	100.0
INJURIES	2	129	8	6350.0	-93.8
RATIO PER MILLION RIDERS	0.005	0.004	0.006	-20.0	50.0
RATIO PER MILLION VEHICLE MILES TRAVELED	0.027	0.021	0.032	-22.2	52.4
SUBURBAN RAIL ACCIDENTS					
TOTAL	20	16	23	-20.0	43.8
FATALITIES	2	4	8	100.0	100.0
INJURIES	73	18	198	-75.3	1000.0
RATIO PER MILLION RIDERS	0.115	0.094	0.136	-18.3	44.7
RATIO PER MILLION VEHICLE MILES TRAVELED	0.187	0.152	0.213	-18.7	40.1

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 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, 2004. 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 crash 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.

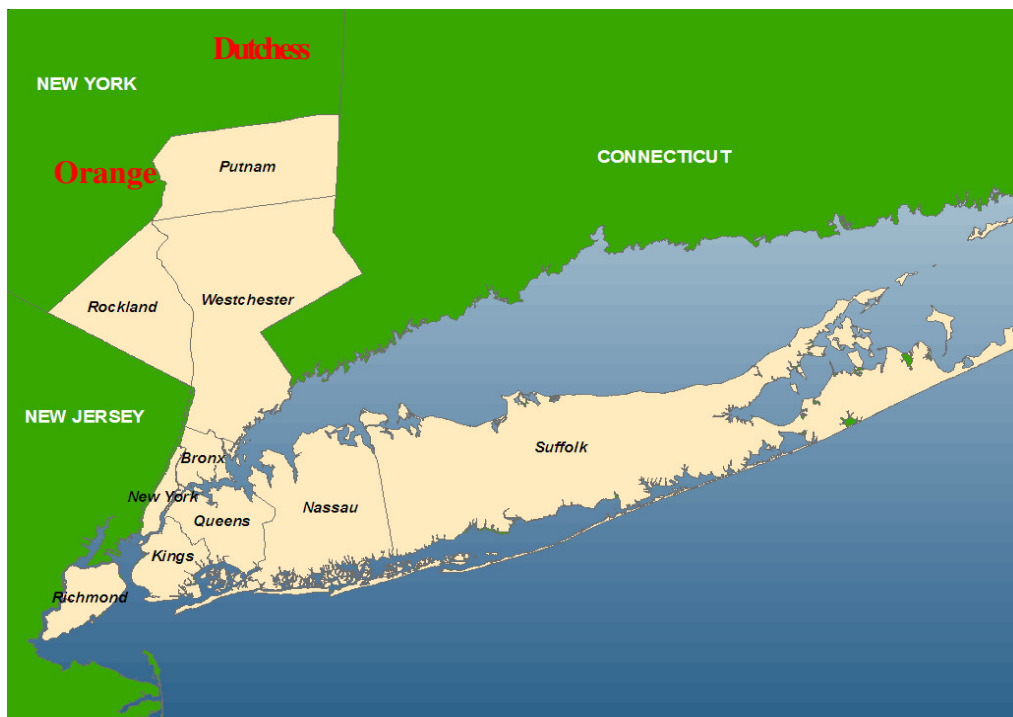
This Transportation Safety Report is a comprehensive publication of transportation crash statistics for the 12 county downstate metropolitan area and is arranged in three sections:

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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I 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 sixth edition of the Transportation Safety Report. This report assesses crash trends between 1994 and 2004 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 2003 and 2004. 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 2002 to 2003 and from 2003 to 2004. This report also examines transit accident statistics on the subway, bus and commuter rail systems of the MTA from 1994 through 2004.

Due to the difference in data compilation for 2001 and 2002, comparison with data for these years and prior years is not possible. Data for this report instead compares data across counties for 2003-2004.

An examination of the graphs and tables shows that the number of motor vehicle crashes in the downstate area, (New York City plus the suburbs), for 2003 was 65.6% of all the motor vehicle crashes in New York State and for 2004 was 64.5%.

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 78.6 accidents per year throughout the 2000-2004 period. There has been an average of 13 fatalities and 395 injuries per year for this 5-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 2000 – 2004, the following changes were observed:

A. Fatal Crashes

During 2004 the suburbs experienced more crashes with fatalities than New York City (Table 2). There were 730 crashes resulting in a fatality in the downstate (New York City plus the suburbs) in 2004. 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 2004 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 2004 was 5.79 per 100,000 population, lower than the 6.05 rate for 2000 (Table 3 and Figure 3). These rates had almost parallel patterns in the New York metropolitan region, New York City, New York suburbs and New York State during the 2000-2004 time period. Table 6A and Figure 2A indicates the fatalities by category for 2003-2004 and Table 6B and Figure 2B indicates the injuries by categories for 2003-2004.



B. Injury Crashes

New York City experienced 55.2% of the crashes in the New York metropolitan region resulting in injury in 2004 while the suburbs experienced 44.8% of these crashes (Table 4). 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:

Percent of Vehicle Crashes Resulting in Nonfatal Injuries By Sectors

	2000	2001	2002	2003	2004
New York City	66.3%	70.3%	80.9%	78.9%	77.6%
New York Suburbs	43.7%	48.8%	65.4%	64.0%	63.9%
NY Metropolitan Region (Downstate)	55.4%	60.0%	73.9%	71.8%	70.8%
New York State	48.1%	53.9%	70.6%	67.8%	66.6%

The table above provides the numbers for nonfatal injury crashes. They are calculated as the number of crashes in sector with nonfatal injuries divided by all crashes in the sector. As the table above shows, all areas experienced a large increase in accidents resulting in a non-fatal injury starting in 2002. There were over 58,600 vehicle crashes resulting in injury in New York City; over 106,200 in the New York metropolitan region; over 47,500 in the suburbs and almost 155,000 in the State during 2004. (See Table 4 and Figure 4) Table 6B shows the injuries by categories for 2003-2004.

C. Property Damage Crashes

According to the New York State Department of Motor Vehicles, the police accident report form was changed in late 1997 to allow police officers to report accidents which, in their judgment, appeared 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 increased 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 affect fatal and personal injury crashes, comparisons of these types of crashes over the years are not problematic.

Percent of Vehicle Crashes Resulting in Property Damage

	2000	2001	2002	2003	2004
New York City	33.4%	29.4%	18.7%	20.7%	22.0%
New York Suburbs	55.9%	50.8%	34.0%	35.4%	35.5%
NY Metropolitan Region (Downstate)	44.3%	39.6%	25.7%	27.7%	28.7%
New York State	51.5%	45.7%	28.9%	31.6%	32.8%

2. CONTRIBUTING FACTORS: HUMAN, ENVIRONMENTAL AND VEHICULAR

Most counties experienced a decrease in accidents with human factors from 2003 to 2004. This decrease may be attributed to the large number of accidents that do not have a factor associated with them. 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 2000-2004:

Percent of Vehicle Crashes With Contributing Human Factors

	2000	2001	2002	2003	2004
New York City	94.6%	61.8%	43.5%	35.9%	35.8%
New York Suburbs	86.8%	68.5%	54.5%	45.3%	47.0%
NY Metropolitan Region (Downstate)	90.8%	65.0%	48.5%	40.4%	41.3%
New York State	87.8%	64.9%	50.7%	42.3%	43.3%

In 2004, human factors contributed to 41.3 percent of all crashes in the New York metropolitan region. The number of crashes resulting from human factors fell from 221,402 in 2000 to 139,945 in 2001 to 83,327 in 2002, to 65,438 in 2003, and 62,028 in 2004 (Table 7). The large decrease in crashes for human factors is related to the large number of crashes without any factors listed. In 2004 driver inattention, failure to yield right of way, following too closely, and unsafe speed accounted for 20.3, 16.3, 15.2, and 9.3 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

to 2004. This table indicates that more alcohol related accidents in 2004, both as a percent of human factor crashes (4.5 percent vs. 3.2 percent) and as a percent of all crash factors (3.8 percent vs. 1.8 percent), 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 7.3 percent of total crashes in the New York metropolitan region in 2004. Slippery pavements, view obstructed/limited and animals' actions accounted for 61.3, 14.7 and 6.2 percent, respectively, of all crashes attributed to environmental factors. The analysis further shows that 66.4% of the crashes attributed to environmental factors occur in the New York suburbs in 2004. (See Table 10 and Figure 10 and 11)

- The third highest contributing factor was vehicular conditions, which were responsible for 3.0 percent of the total crashes in 2004. This factor includes conditions such as defective brakes, tire failure and steering failure. In 2004, vehicular factors were responsible for almost three times as many crashes in New York City as in the suburban counties. Defective brakes, tire failure, and steering failure accounted for 17.7, 6.2 and 3.5 percent, respectively, of all vehicular crashes attributed to a vehicular factor in 2004. (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 2004, there were 160,628 male and 89,635 female drivers involved in motor vehicle crashes respectively, in the New York metropolitan region while in 2003 the numbers were 175,899 and 95,062 respectively. In 2004 female drivers had 55,492 accidents in the suburbs and 34,143 in the City. Male drivers had 87,234 accidents in the suburbs and 73,394 in the city. (see Tables 15-16).

In New York City, in 2004, male drivers made up 57.1 percent of the licensed drivers but accounted for 71.9 percent of the drivers in accidents. In the suburbs male drivers comprised 50.6 percent of the licensed drivers, but accounted for 56.9 percent of the drivers in accidents.

In New York City, in 2004, female drivers comprised 42.9 percent of the licensed drivers, but accounted for 28.1 percent of drivers in accidents. Female drivers comprised 49.4 percent of the licensed drivers in the suburbs, but accounted for 43.1 percent of drivers in accidents.

In 2004, people aged 60 and older in the New York metropolitan region were involved in 10.5, 14.6 and 12.4 percent of the accidents in New York City, the suburbs and the New York metropolitan region, respectively. All of these numbers were increases over 2003. 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. Male and female drivers, 30-39 years old had the highest absolute number of vehicle crashes in 2000, 2001, 2002 and 2004 (See below).



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

	Male				Female			
	2001	2002	2003	2004	2001	2002	2003	2004
New York City	37,887	29,830	25,403	21,411	12,881	11,578	10,097	8,676
New York Suburbs	2,647	16,536	15,577	14,079	15,679	12,537	11,576	10,636
New York State	74,060	59,495	53,779	47,351	40,210	34,850	32,632	29,464

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

In 2004, 255 pedestrians were killed in 14,000 vehicular/pedestrian crashes in the New York metropolitan region, representing 34.9 percent of all traffic fatalities in the region (Figure 29, Table 22). Although 8.6 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 80.7 percent of all vehicular pedestrian crashes in the New York metropolitan region in 2004. The number of pedestrian crashes which occurred at an intersection was much 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 77.2 percent of all vehicle/pedestrian crashes occurred at an intersection in 2004. The number of vehicle/pedestrian crashes at suburban intersections and mid-block locations became relatively even and in 2004 accounted for 22.8 percent of regional vehicle/pedestrian crashes. There were 155 pedestrian fatalities in New York City and 100 in the suburbs in 2004. (See Figures 27- 29 and Tables 20-22).



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 *2003 Hub Bound Report* indicates that 9,383 people entered the Manhattan HUB on a typical business day via bicycle out of over 3.6 million people that entered the HUB.

There were 26 bicyclists deaths in 2000, 29 in 2001, 27 in 2002, 29 in 2003 and 26 in 2004; which accounted for 3.5 percent, 3.8 percent, 3.6 percent, 3.9 percent and 3.6 percent of all traffic fatalities in the New York metropolitan region,



respectively (Table 24). Bicyclist fatalities occurred more frequently in New York City than in the suburbs during the time period 2000-2004 (79 vs. 58). Over 23,400 bicyclists were killed or injured in bicyclist vehicle crashes during the period 2000-2004 in the New York Metropolitan region. From 2000 to 2004, bicyclists killed or injured in the New York metropolitan region has decreased from 5,311 in 2000 to 4,229 in 2004. (See Tables 23-24 and Figures 30-31)

4. CRASHES ON ROAD SYSTEM BY JURISDICTION

Tables 25 to 41 and Figures 32 to 35 show crashes on the region's road system by jurisdiction and by county for the years 1995 through 2004. The following analysis by road type is based on data from 2004:

State Routes

One hundred fifty (150) fatal crashes out of over 22,200 crashes occurred on state routes in the New York suburbs in 2004 vs. 147 fatal crashes in over 22,800 crashes in 2003. Only five fatalities out of 440 crashes took place in New York City on state roads in 2004 vs. 1 fatality in 198 crashes in 2003.

County Routes

In 2004, sixty fatal crashes out of over 6,300 crashes occurred on county routes in the suburbs vs. 46 fatalities in over 5,800 crashes in 2003. During 2004, there were



over 4,300 crashes on county routes in the suburbs that involved personal injury vs. over 4,000 in 2003.

Town Routes

One hundred and twenty fatalities in over 21,000 crashes occurred on town routes in the suburbs in 2004. This represents a slight increase over the 117 fatal accidents in 2003.

Municipal Streets

Two hundred twenty-seven (out of over 63,400 crashes) and 47 (out of over 13,200 crashes) fatal crashes occurred in New York City and its suburbs, respectively, on municipally-owned streets vs. 275 (out of 71,491 crashes and 57 (out of over 14,600) crashes in 2003.

Parkways

Over 5,000 vehicle crashes occurred on parkways in New York City in 2004 vs. over 5,600 in 2003. This number includes 30 fatal crashes in 2004 and 23 in 2003. In the New York suburbs, 39 fatal crashes out of over 5,400 crashes occurred on parkways in 2004 vs. 33 fatalities and over 5,400 crashes in 2003.

Thruway

This roadway had the lowest number of vehicle crashes (1,227) in the New York metropolitan region in 2004. There were 3 fatalities and 858 personal injury accidents on the thruway system during 2004. This contrasts with 1,063 crashes, 10 fatalities and 730 personal injury crashes in 2003.

Other Interstate (Expressways)

There were 5,953 vehicle crashes on other interstates in New York City and 2,722 in the suburbs in 2004. Of these, 24 fatal crashes occurred in New York City and 22 fatal crashes in the New York suburbs. In 2003 there were 6,668 vehicle crashes on other interstates in New York City and 2,647 in the suburbs. Of these, 19 fatal crashes occurred in New York City and 8 in the suburbs.

Almost 64.5 percent of all vehicle crashes reported in New York State in 2004 occurred in the New York metropolitan region. This was similar to the 65.6 percent in 2003 (Table 41). Figures 32 to 35 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 2000 - 2004 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 2004 there was an average of 1.9 vehicles per crash in the New York Metropolitan region, the same as in 2002, 2003, 2001 and 2000. (Table 11)

A. Vehicles Involved In Crashes Resulting In Fatalities

In the period 1994 to 2004 more multiple vehicle crashes with fatalities occurred in the suburbs than in New York City (See Table 12 and Figure 13). 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 1994-2004 was 548 for the City and 655 for the suburban counties.

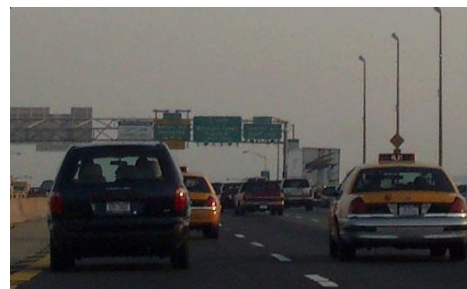


B. Vehicles Involved In Crashes Resulting In Injury

- The number of vehicles involved in injury crashes in the New York Metropolitan region has decreased from 254,973 in 1994 to 201,049 in 2004. (See Table 13 and Figure 14)
- Data indicate that the number of vehicles involved in injury crashes from 1994 to 2004 were the highest in 2000 in the City and in 1994 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. The numbers for 2003 and 2004 are similar to 2002. Queens in New York City and Nassau in the suburbs have consistently had the largest number of multiple vehicle crashes that resulted in property damage.
- There were 33,660 vehicles involved in property damage crashes in New York City in 2004. Almost 50,000 vehicles were involved in property damage crashes in the New York suburbs in 2004. (Table 14 and Figure 15)



6. CRASHES BY MANNER OF TWO 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 accidents that were rear-end accidents in 2003 were 31.4, 33.6, and 30.5, respectively. In 2004 the numbers were: 32.3, 35.2 and 30.6 respectively.

7. CRASHES BY DAY OF WEEK

Tables 44A and 44B contain data on the number of accidents for New York City, the suburbs and New York State in 2003 and 2004 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 2002.

8. CRASHES BY TIME OF DAY

Tables 45A and 45B contain information regarding crashes by time of day for 2003 and 2004. As can be seen, the hours between three (3) and six (6) pm in New York City and the suburbs experience the largest number of crashes.

9. CRASHES BY CENTERLINE MILES

Table 42A and 42B indicates accidents by centerline miles. The attempt of this table is to try to normalize crashes by the number of accidents by jurisdiction and the amount of miles on the road jurisdiction. Along with the centerline miles and accidents, Table 42A and 42B each indicate an example 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 1994-2004 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 2004, MTA Long Island Rail Road (transporting 98 million passengers) experienced 18 accidents, an increase from 2003 of 13. The accident ratios per million riders and per million vehicle miles traveled was 0.187 and 0.309 in 2004 for this operator, both increases over 2003. (See Tables 47-48)

· There were 31 passenger fatalities on the New York City Subway system in the period 1992-2004. 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 1994 to 2004 there were 51 accidents, two fatalities and 110 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 1994-2004. There were no passenger fatalities and no 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 Transit Bus system transported 894.9 million passengers in 2004. In the same year, 45 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 0.050 and 0.379 for the New York City Transit Bus and 0.098 and 0.254 for the Long Island Bus operation respectively in 2004. The average fatalities for the New York City Transit Bus and Long Island Bus for the time period 1994-2004 were 5.6 and 0.6 per year respectively.

· In 2004, Long Island Bus, with an annual ridership of 31 million, had three accidents. These resulted in one fatality and three injuries.

PART II
TRANSPORTATION
SAFETY
DATA GRAPHS

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FIGURE 1
TOTAL NUMBER OF MOTOR VEHICLE CRASHES
1994-2004

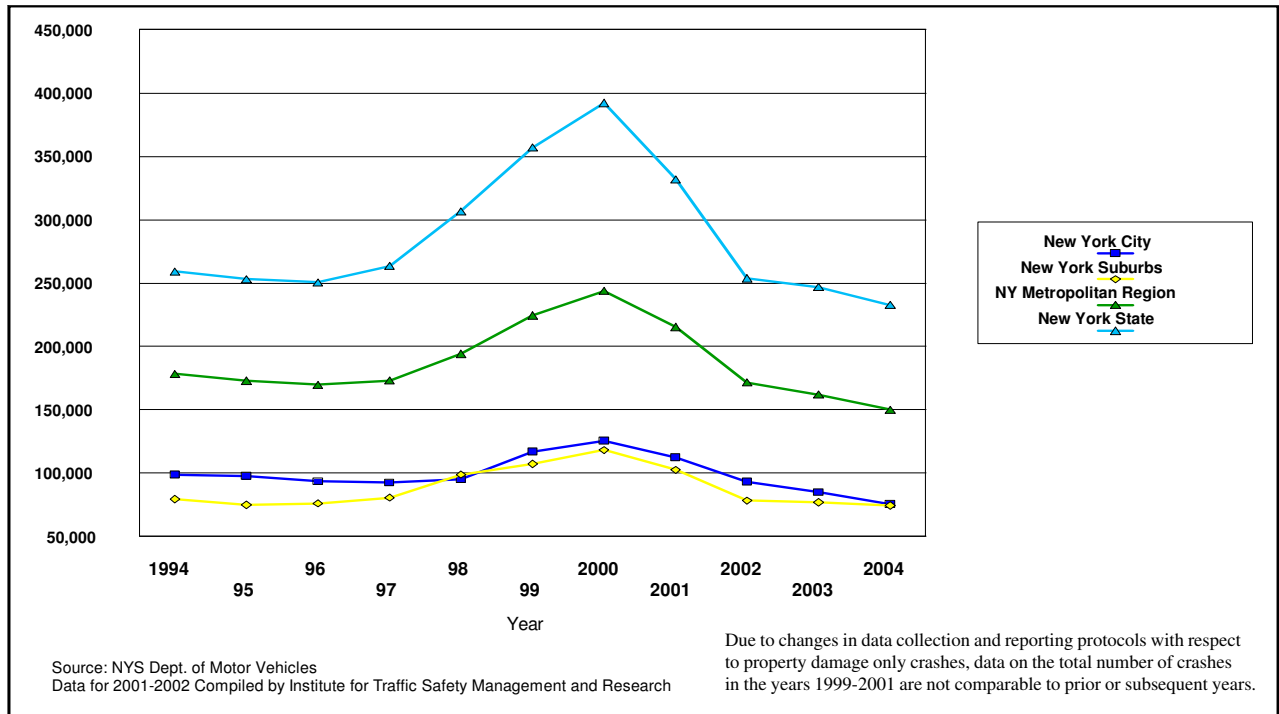
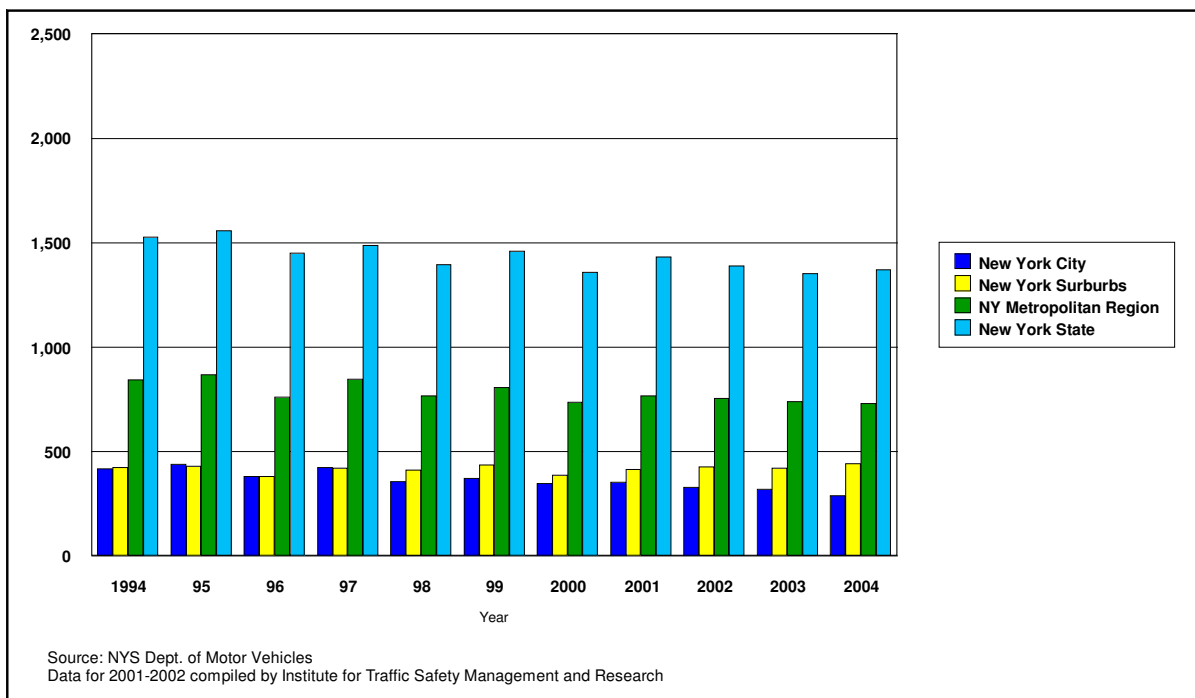
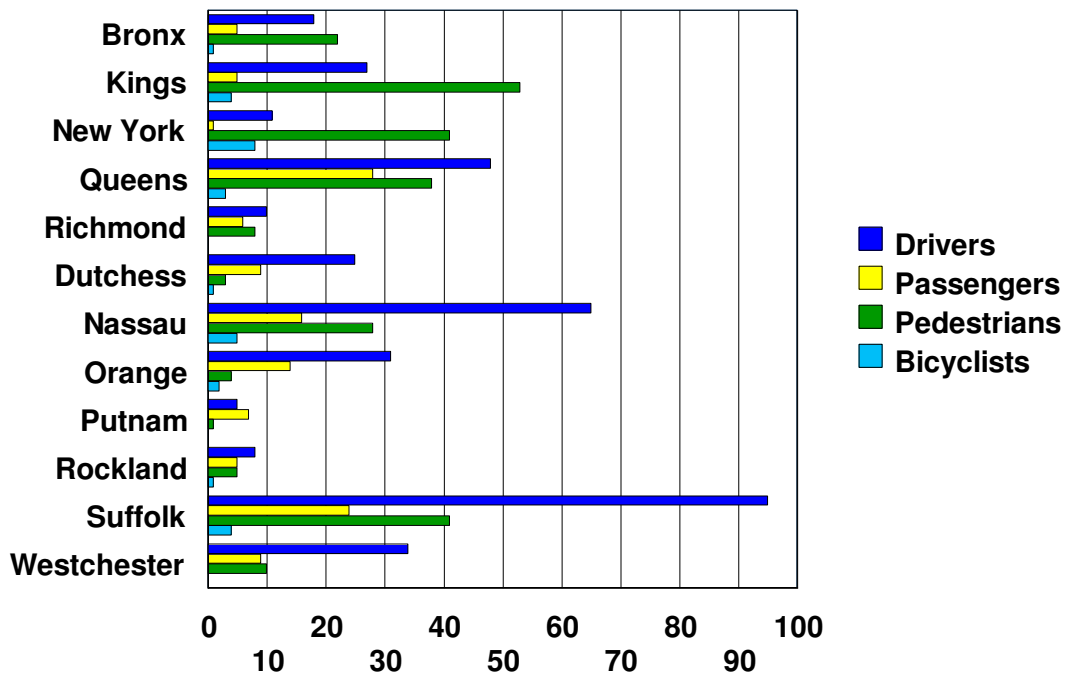


FIGURE 2
MOTOR VEHICLE CRASHES
RESULTING IN FATALITY
1994-2004



**FIGURE 2A
MOTOR VEHICLE CRASHES
RESULTING IN FATALITY BY CATEGORY
2003**



**FIGURE 2B
MOTOR VEHICLE CRASHES
RESULTING IN INJURY BY CATEGORY
2003**

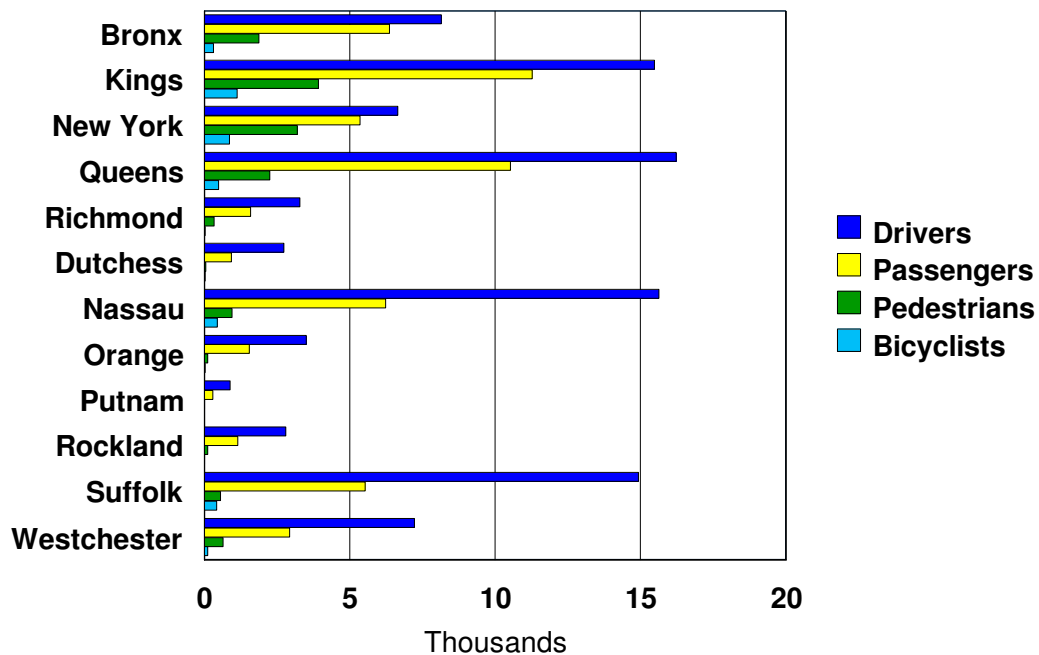


FIGURE 2C
MOTOR VEHICLE CRASHES
RESULTING IN FATALITY BY CATEGORY
2004

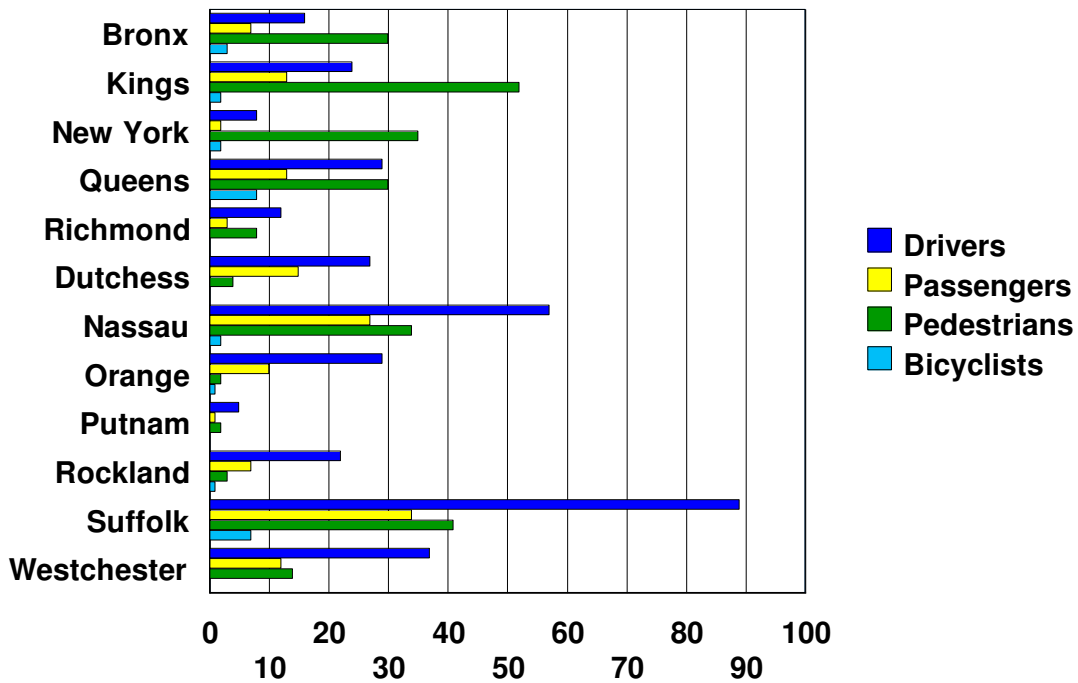


FIGURE 2D
MOTOR VEHICLE CRASHES
RESULTING IN INJURY BY CATEGORY
2004

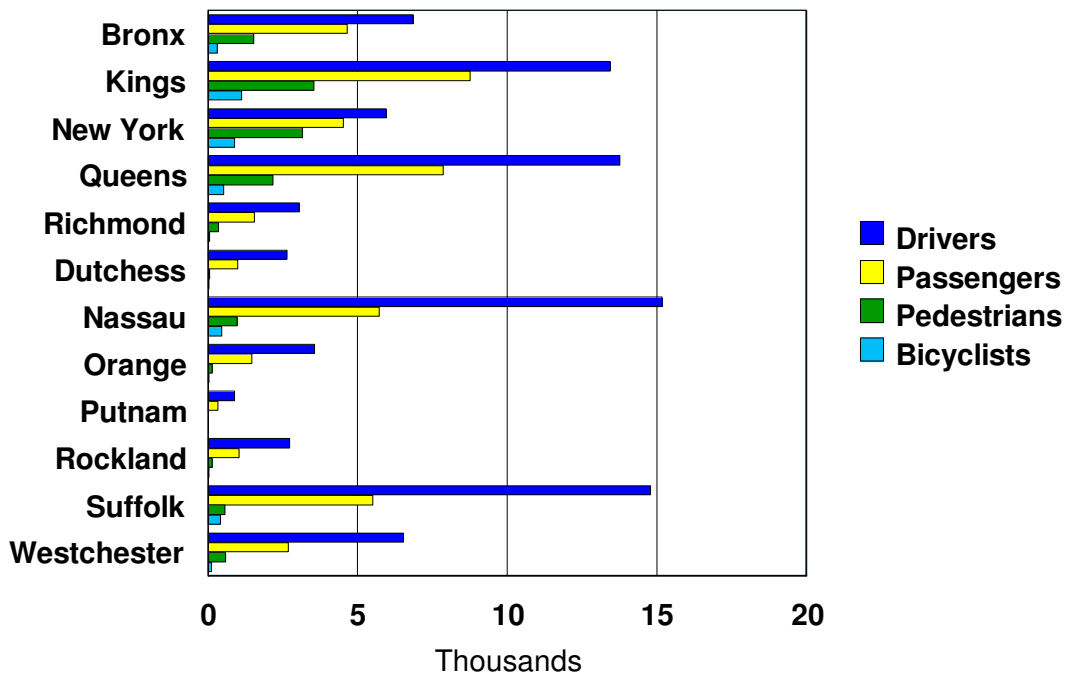


FIGURE 3
FATALITY RATE OF MOTOR VEHICLE CRASHES
PER 100,000 POPULATION
1994-2004

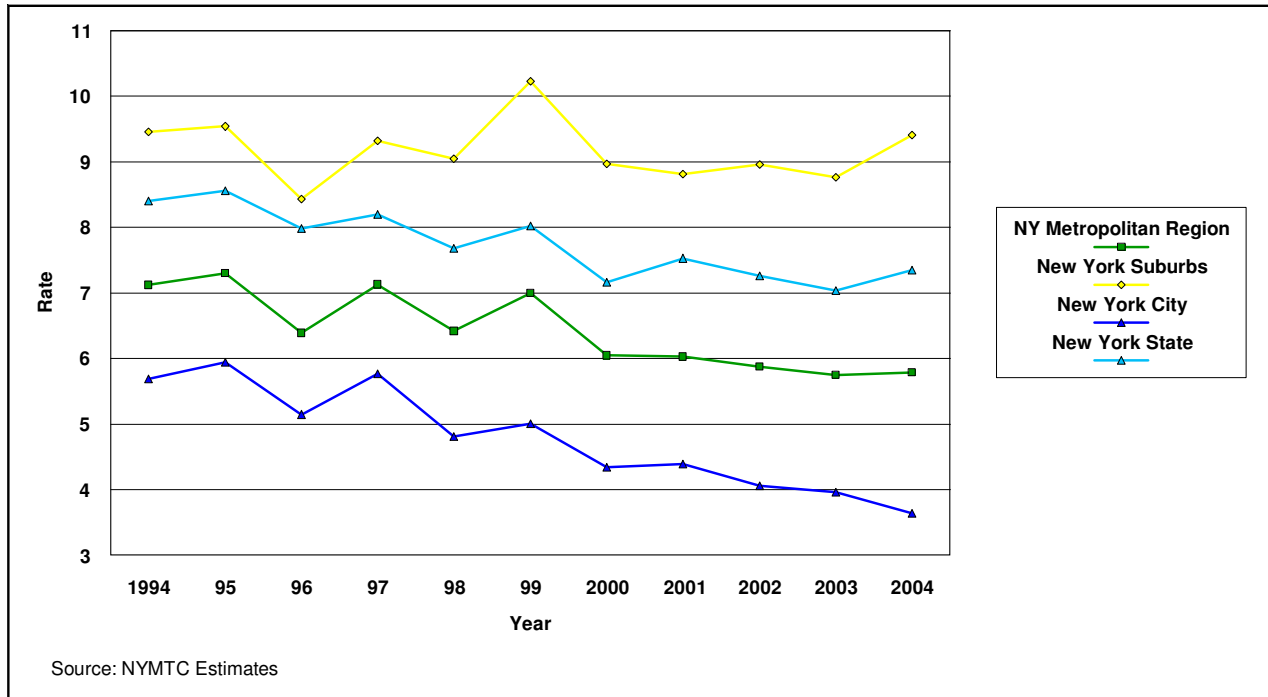


FIGURE 4
MOTOR VEHICLE CRASHES RESULTING IN INJURY
1994-2004

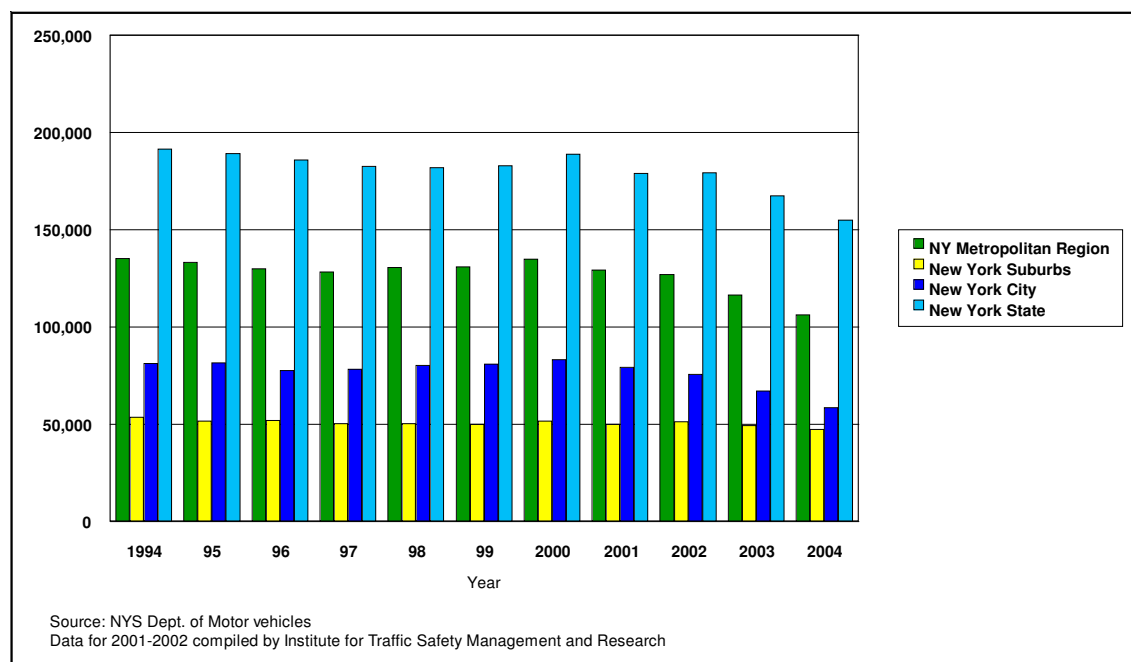
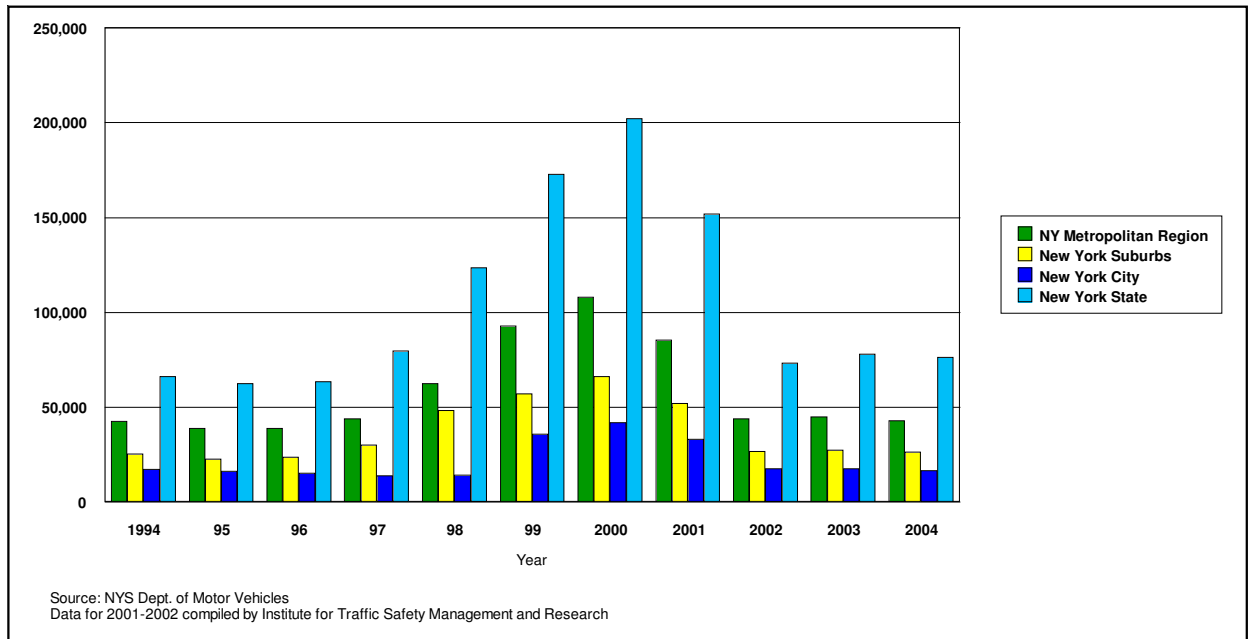
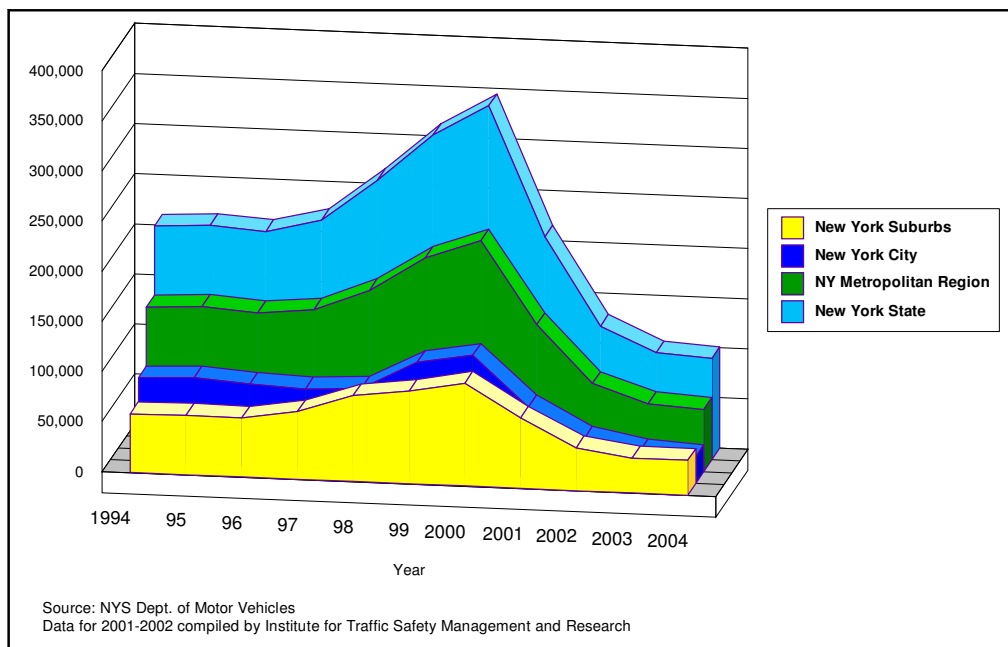


FIGURE 5
MOTOR VEHICLE CRASHES
RESULTING IN PROPERTY DAMAGE
1994-2004



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
1994-2004



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
2003 -2004

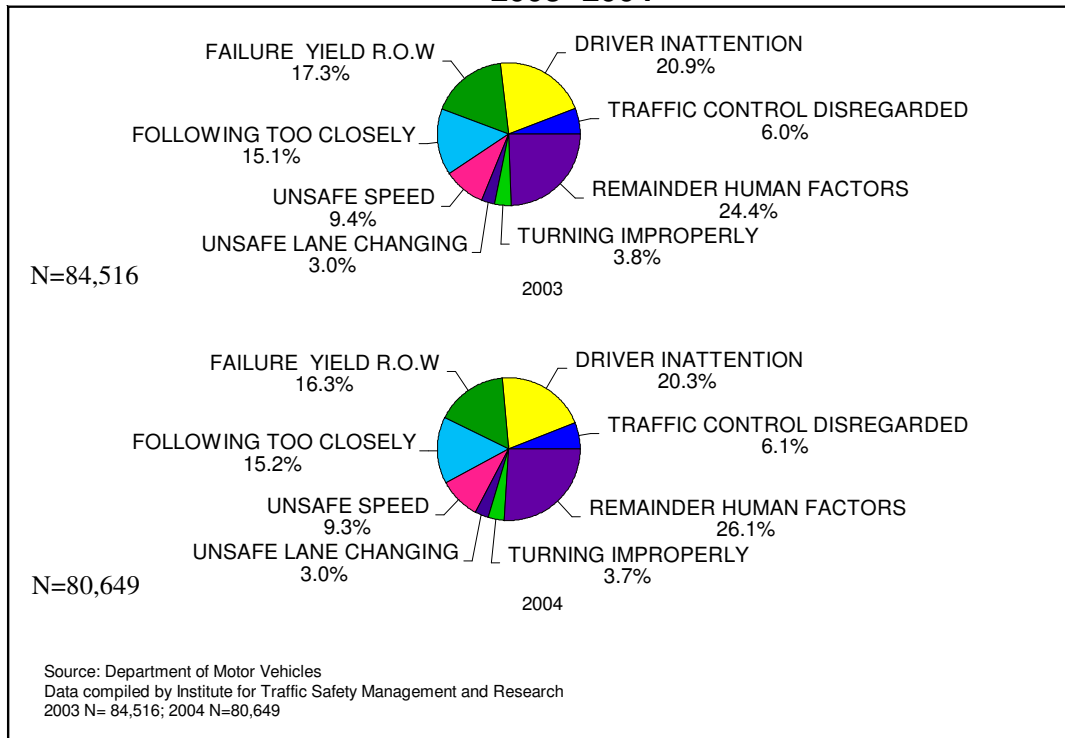
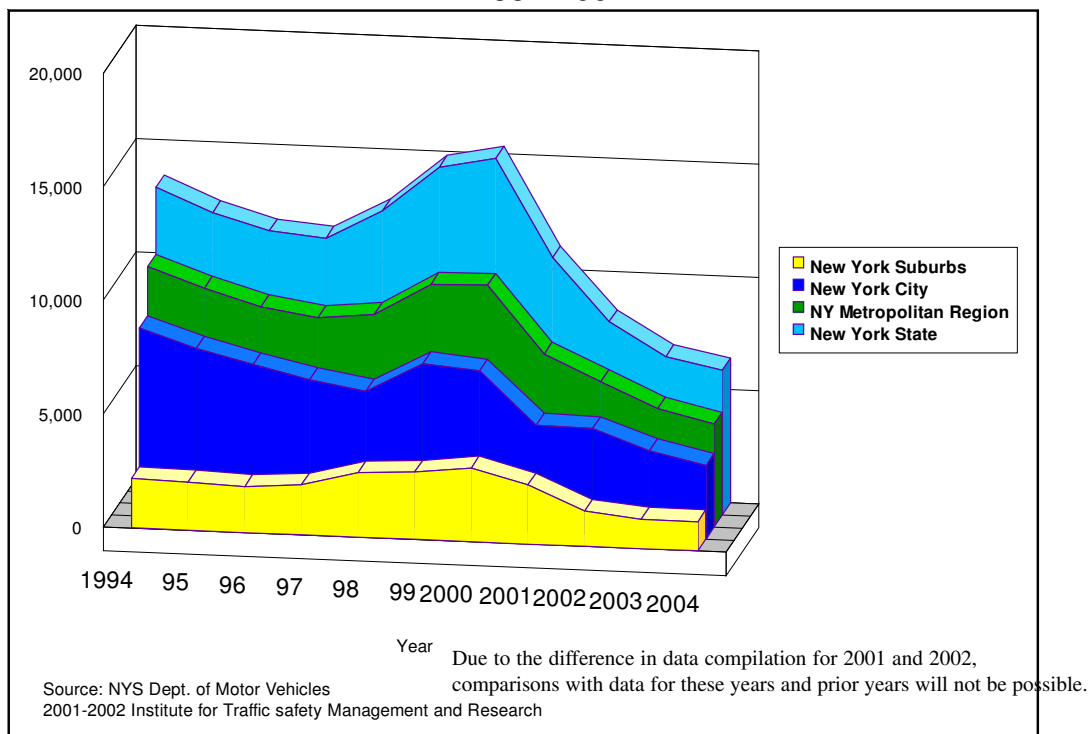
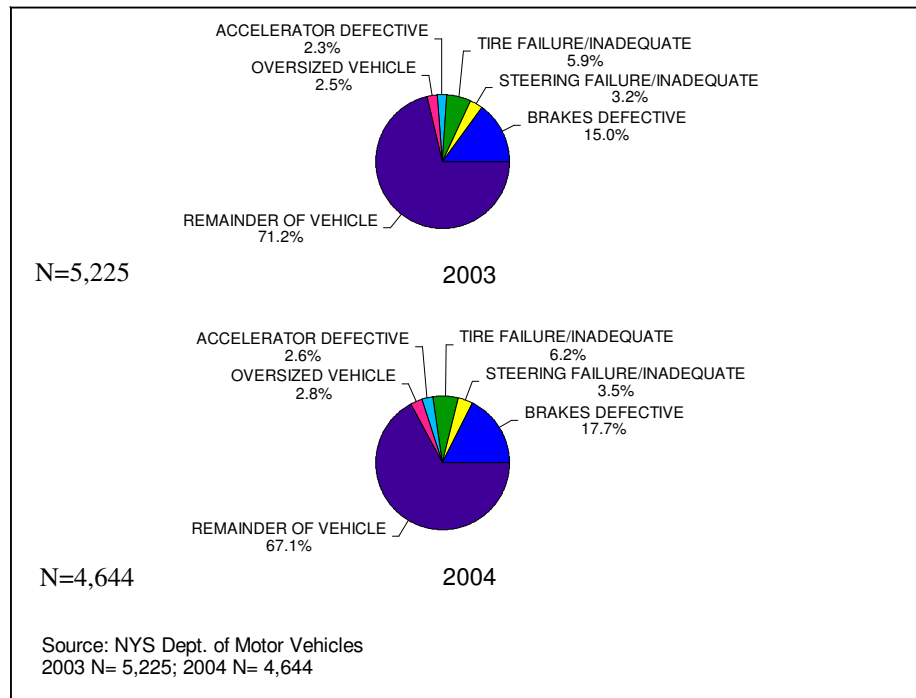


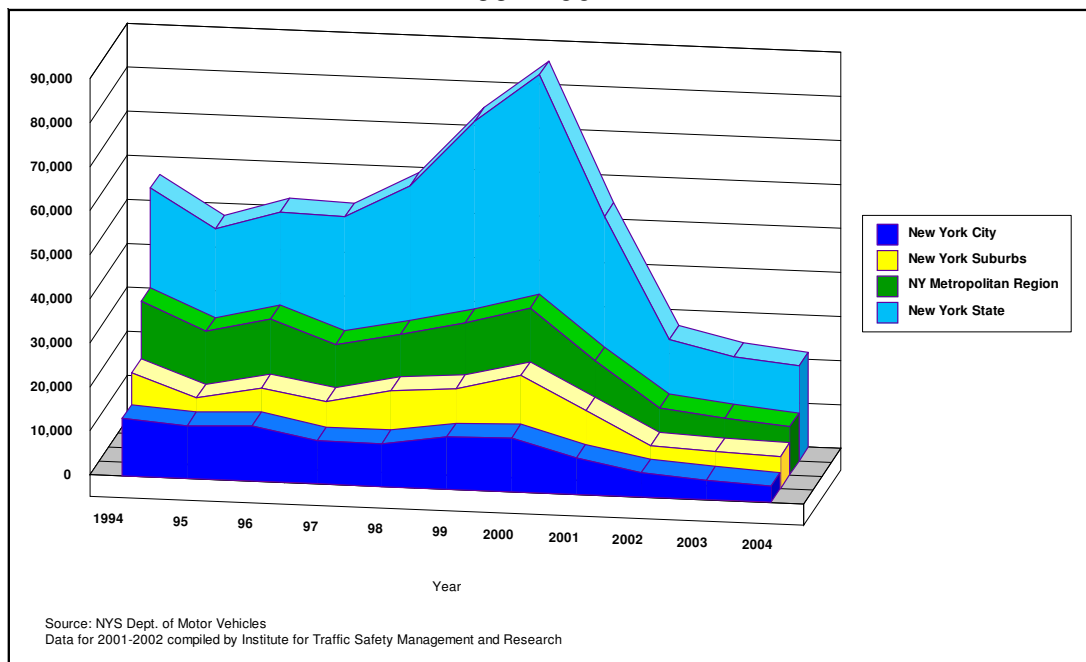
FIGURE 8
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING VEHICULAR FACTORS
1994-2004



**FIGURE 9
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING VEHICULAR FACTORS
NEW YORK METROPOLITAN REGION
2003-2004**



**FIGURE 10
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING ENVIRONMENTAL FACTORS
1994-2004**



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 11A
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING ENVIRONMENTAL FACTORS
NEW YORK METROPOLITAN REGION
2003

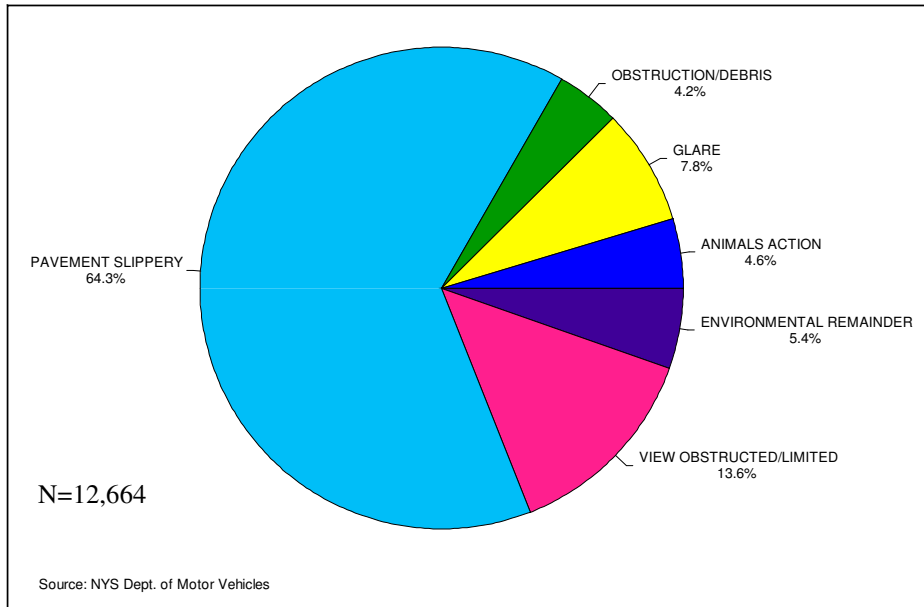


FIGURE 11B
MOTOR VEHICLE CRASHES
WITH CONTRIBUTING ENVIRONMENTAL FACTORS
NEW YORK METROPOLITAN REGION
2004

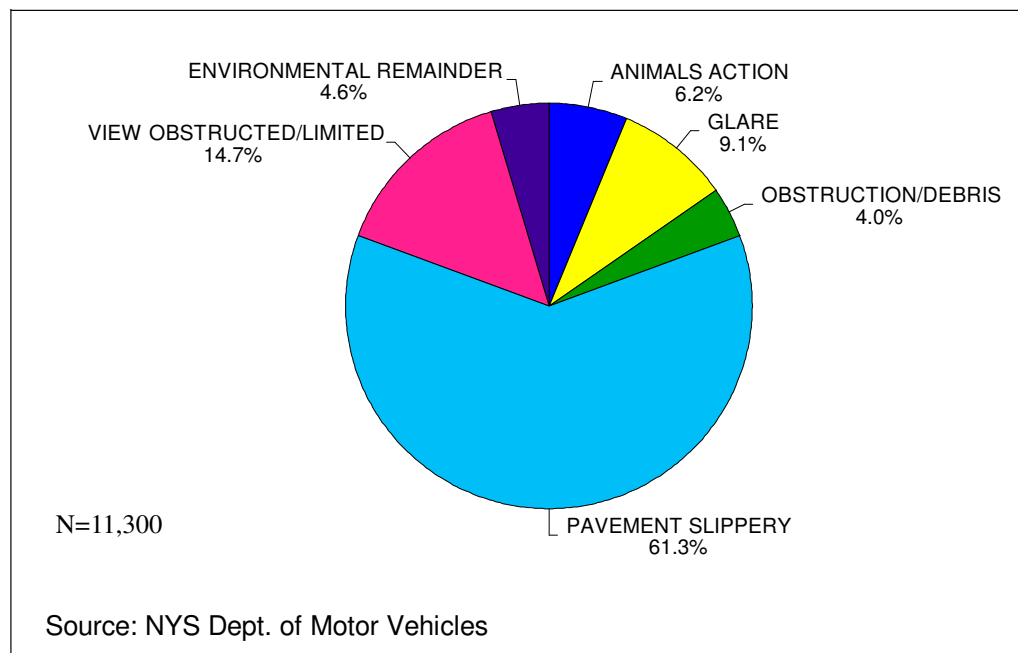
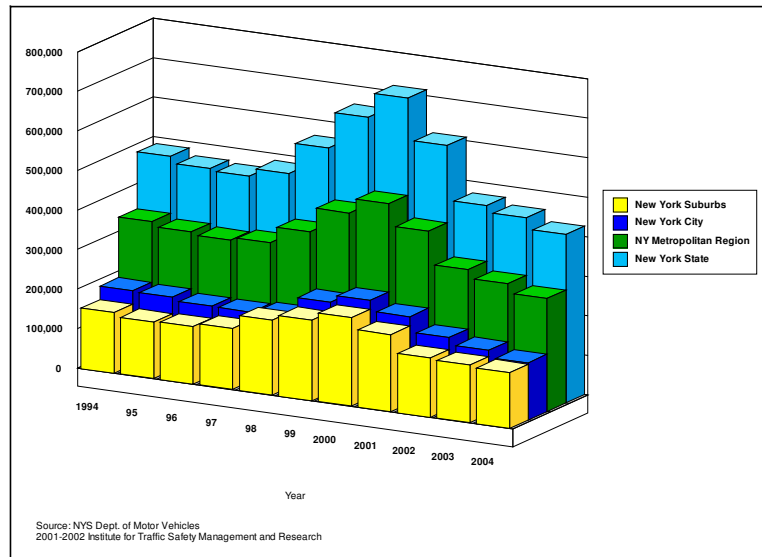


FIGURE 12
TOTAL NUMBER OF VEHICLES
INVOLVED IN ALL TYPE OF CRASHES
1994-2004



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
1994-2004

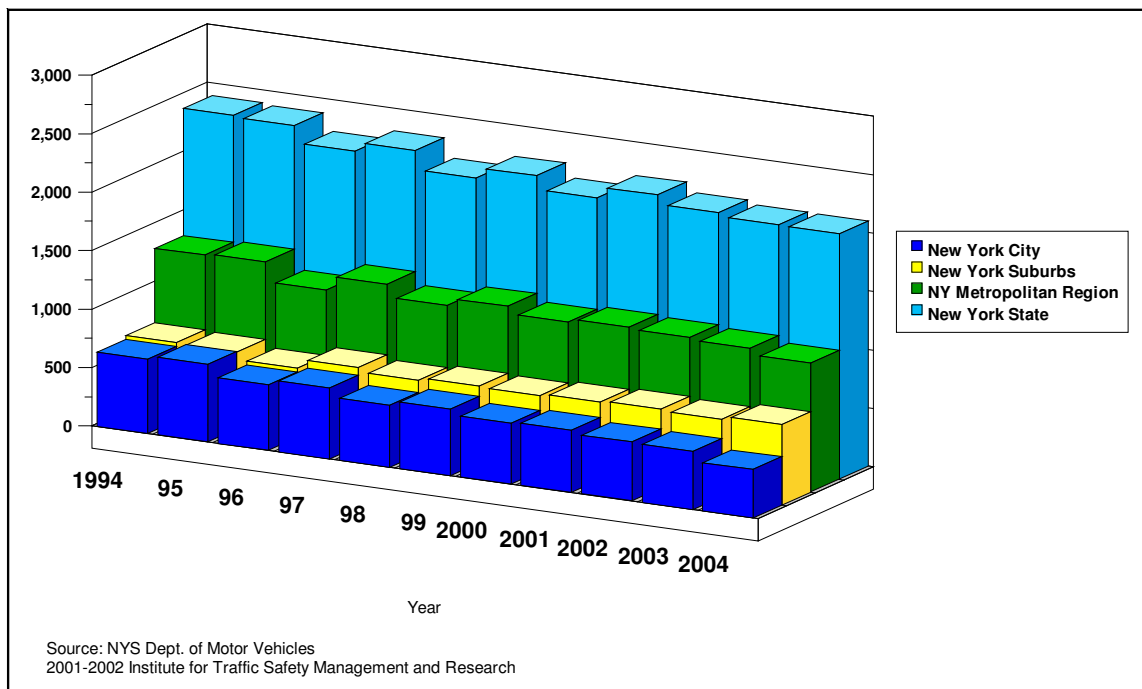


FIGURE 14
TOTAL NUMBER OF VEHICLES
INVOLVED IN CRASHES RESULTING IN INJURY
1994-2004

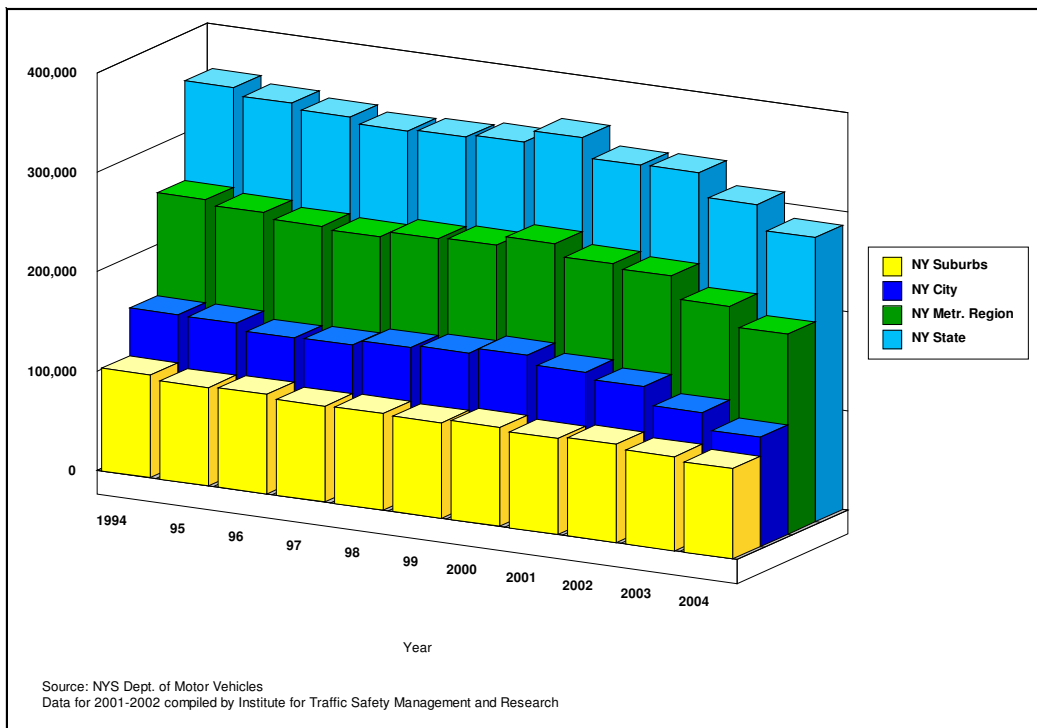
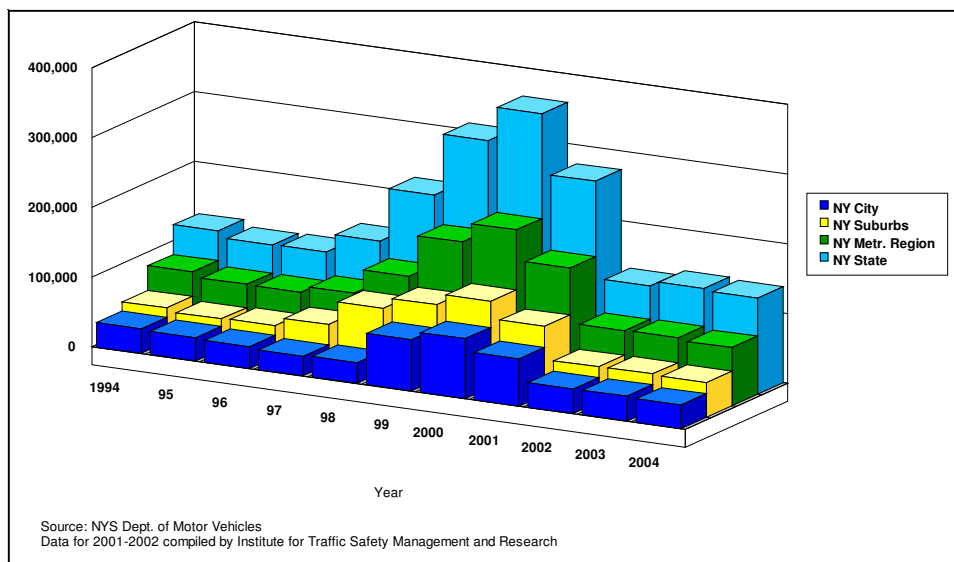
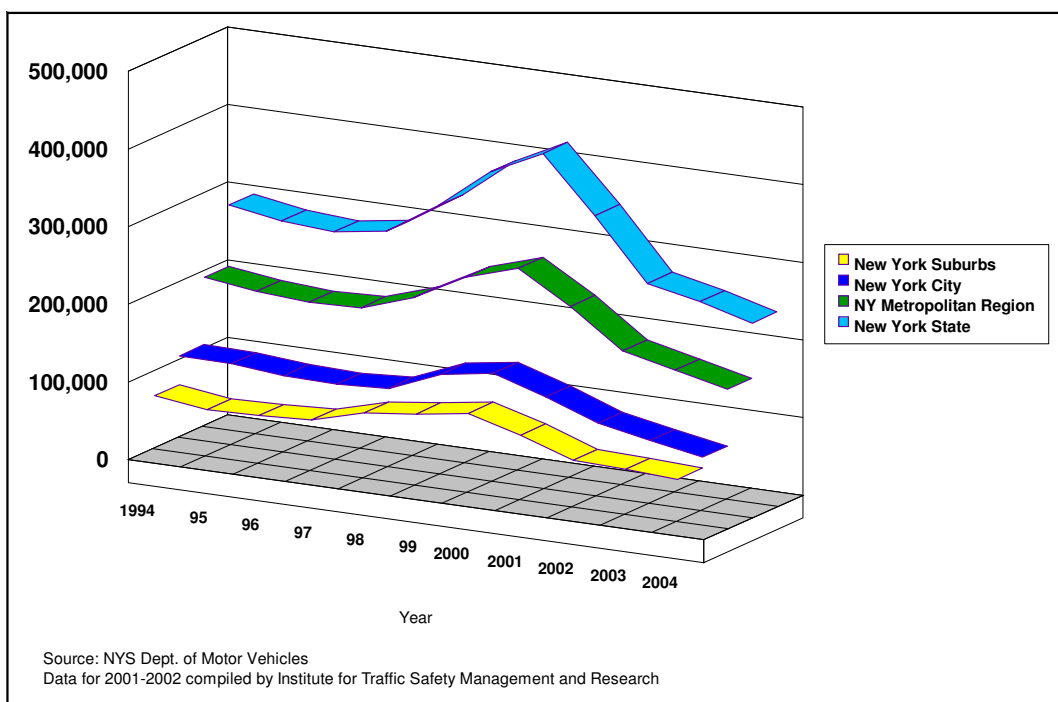


FIGURE 15
TOTAL NUMBER OF VEHICLES
INVOLVED IN CRASHES RESULTING IN PROPERTY DAMAGE
1994-2004



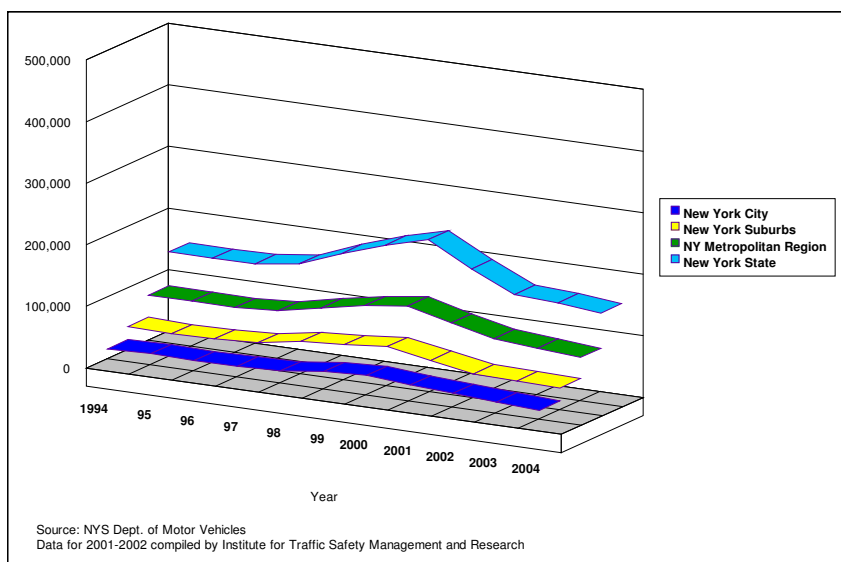
Due to changes in data collection and reporting protocols with respect to property damage only crashes (PDO), data on the total number of vehicles involved in crashes in the years 1999-2001 are not comparable to prior or subsequent years.

**FIGURE 16
MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES
1994-2004**



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
1994-2004**



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 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

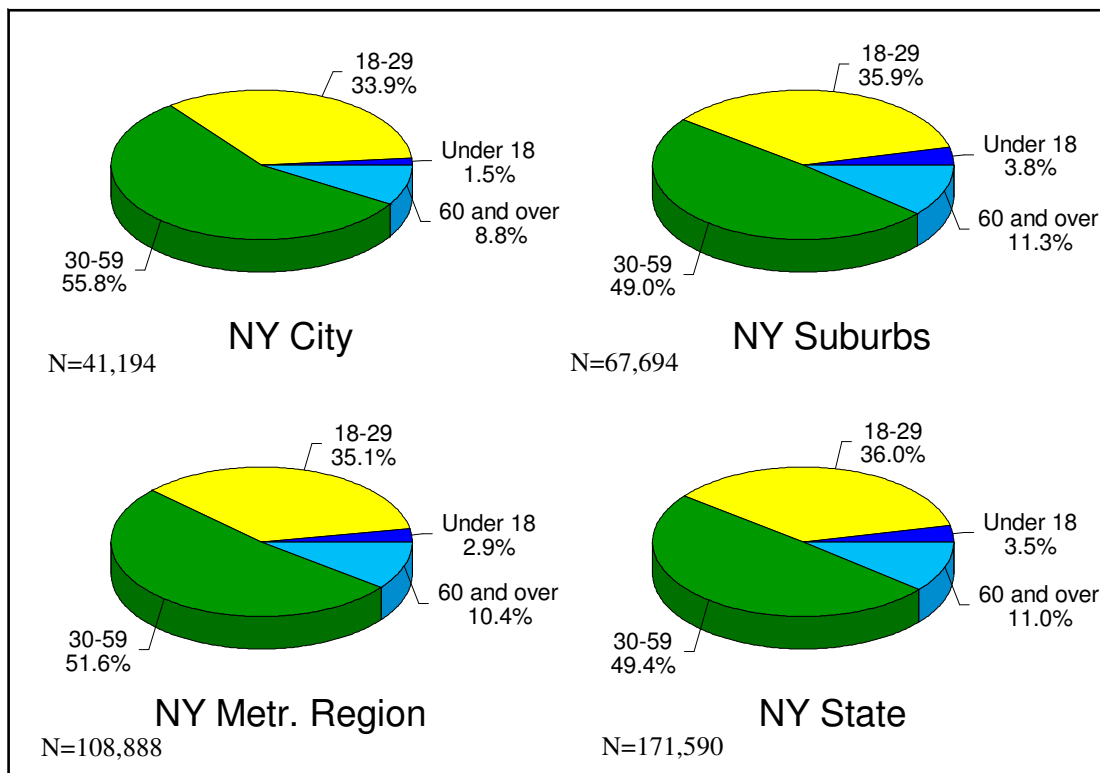


FIGURE 19
AGE OF MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
1990

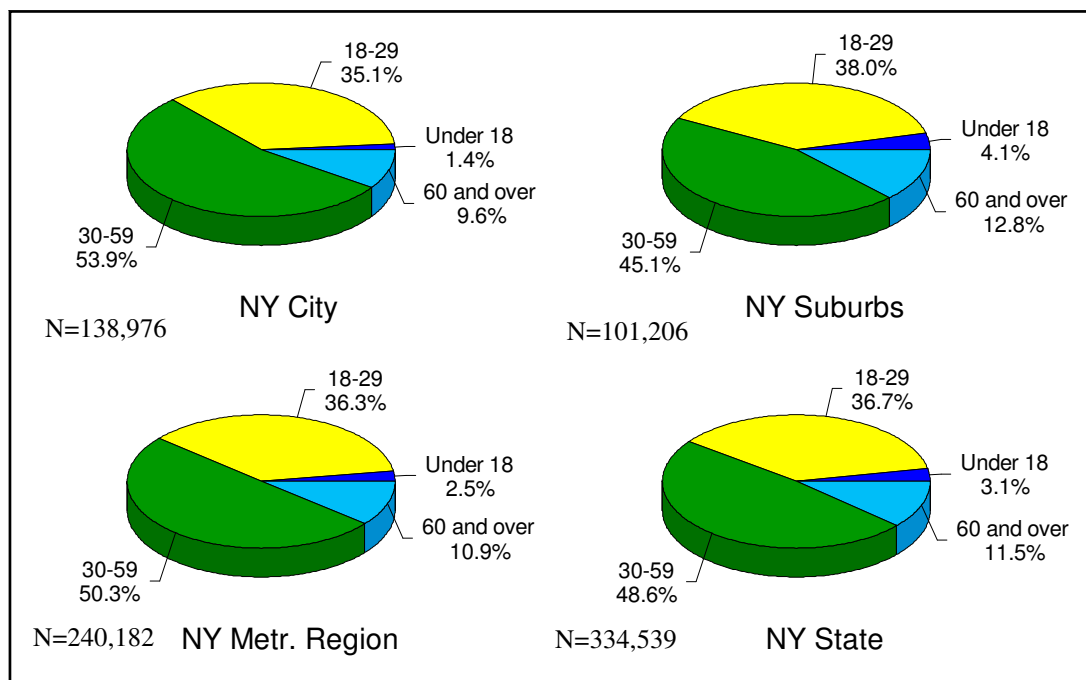


FIGURE 20
AGE OF FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2000

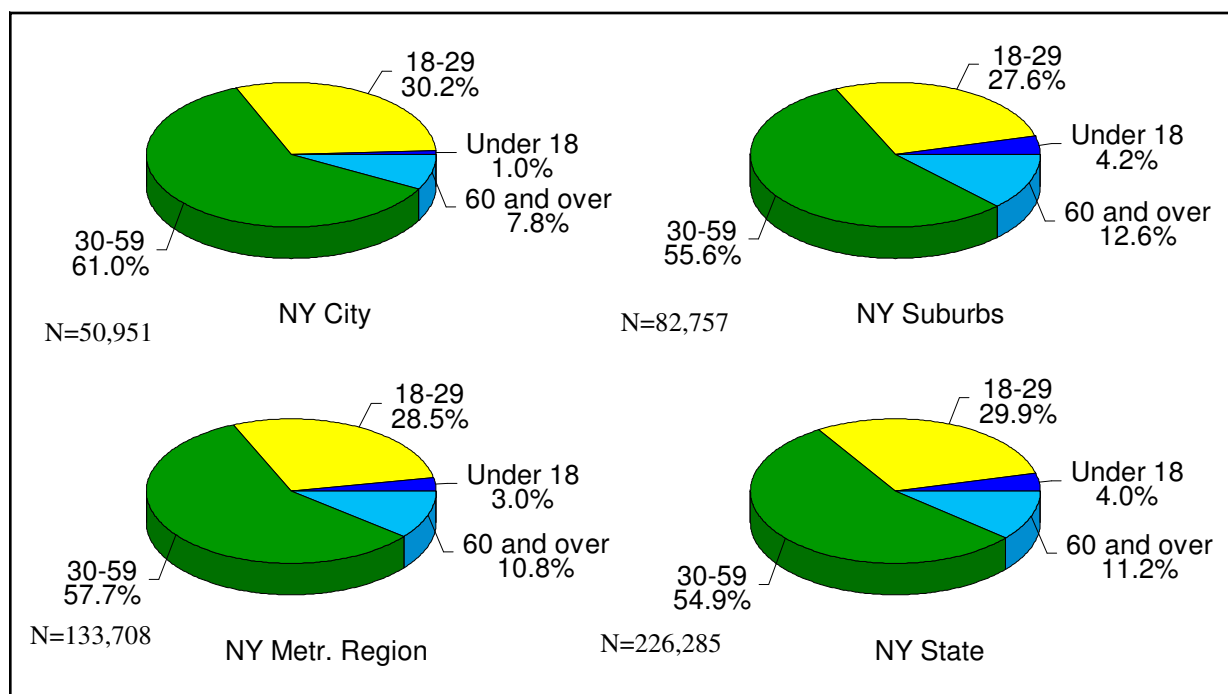


FIGURE 21
AGE OF MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2000

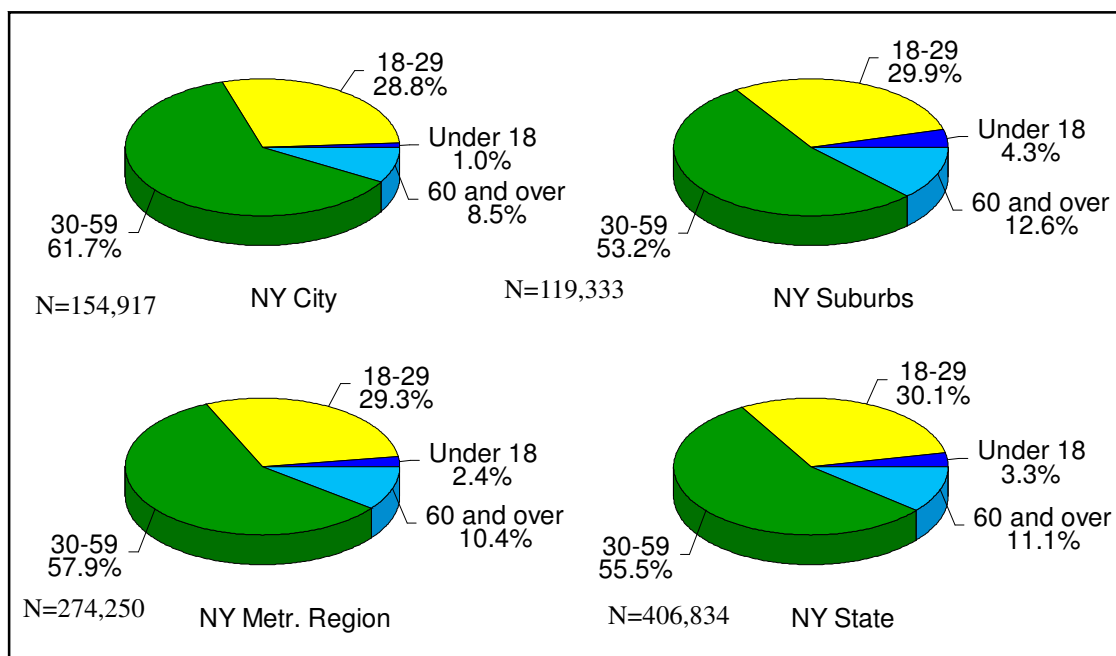


FIGURE 22A
AGE OF FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2003

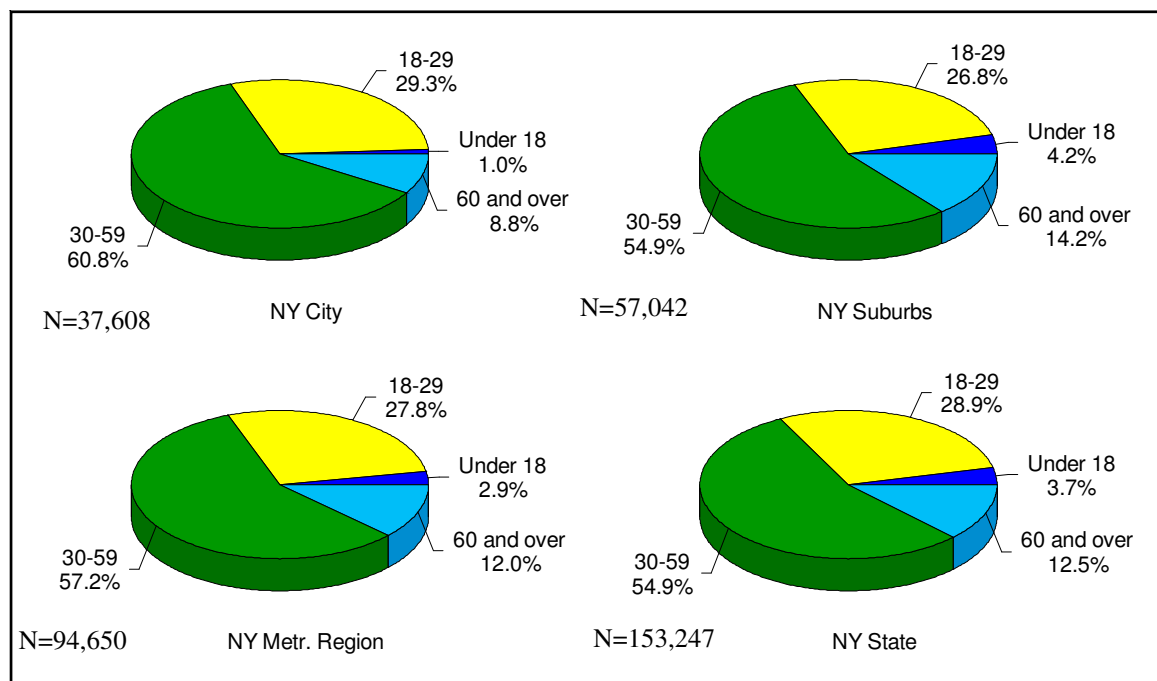


FIGURE 22B
AGE OF MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2003

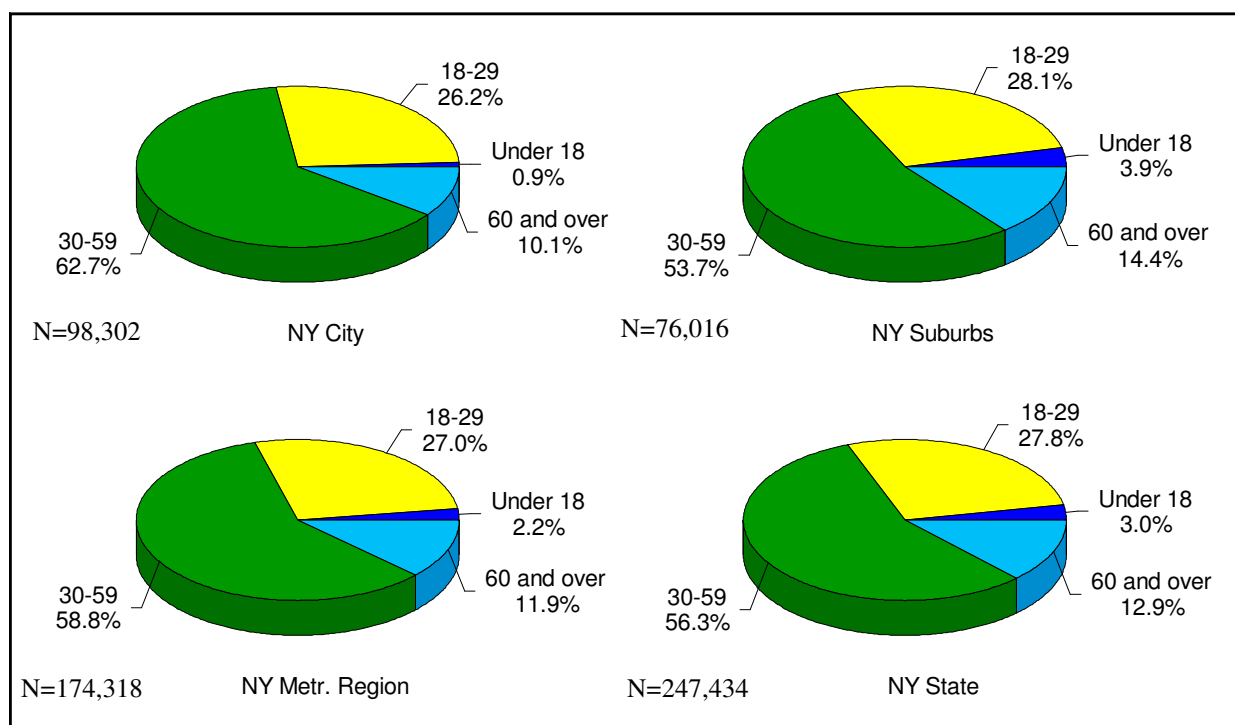


FIGURE 23A
AGE OF FEMALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2004

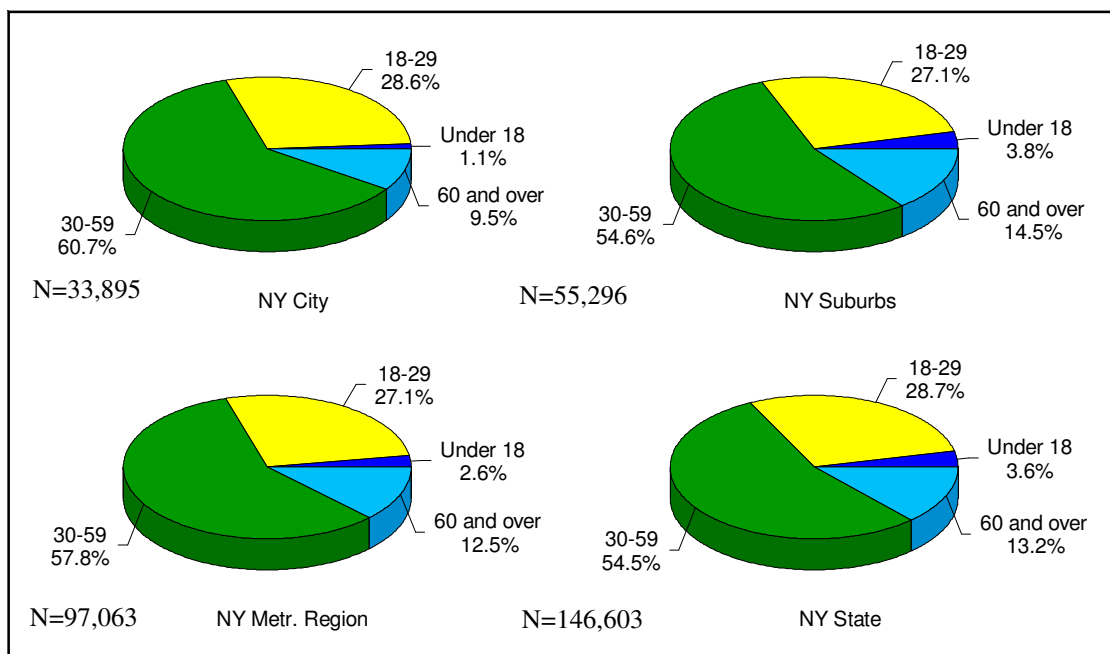
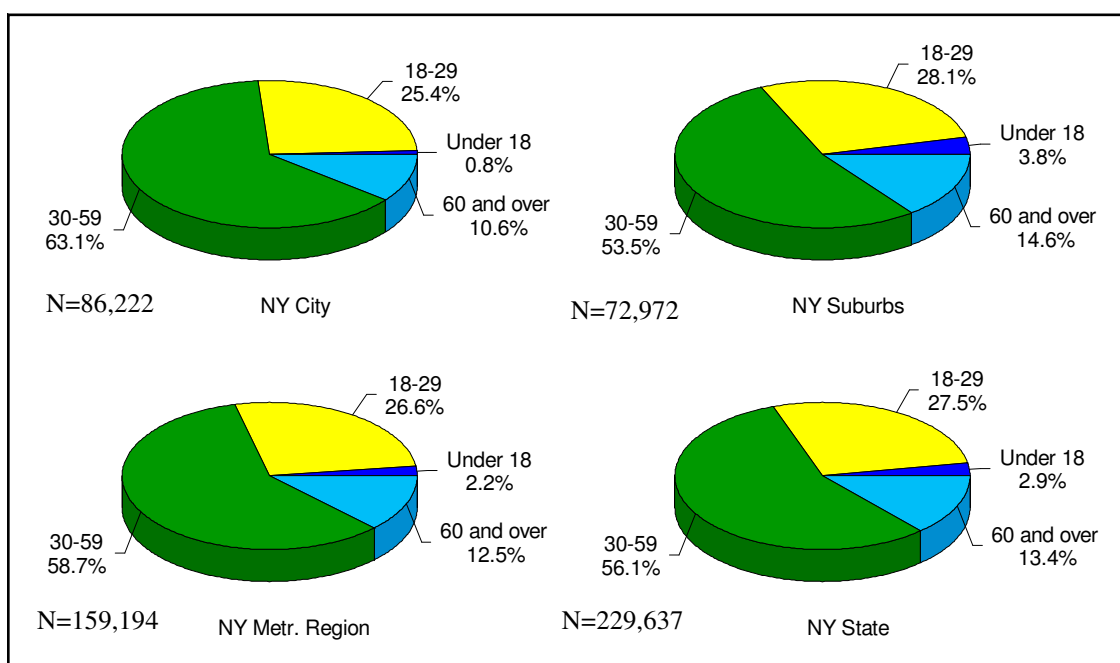
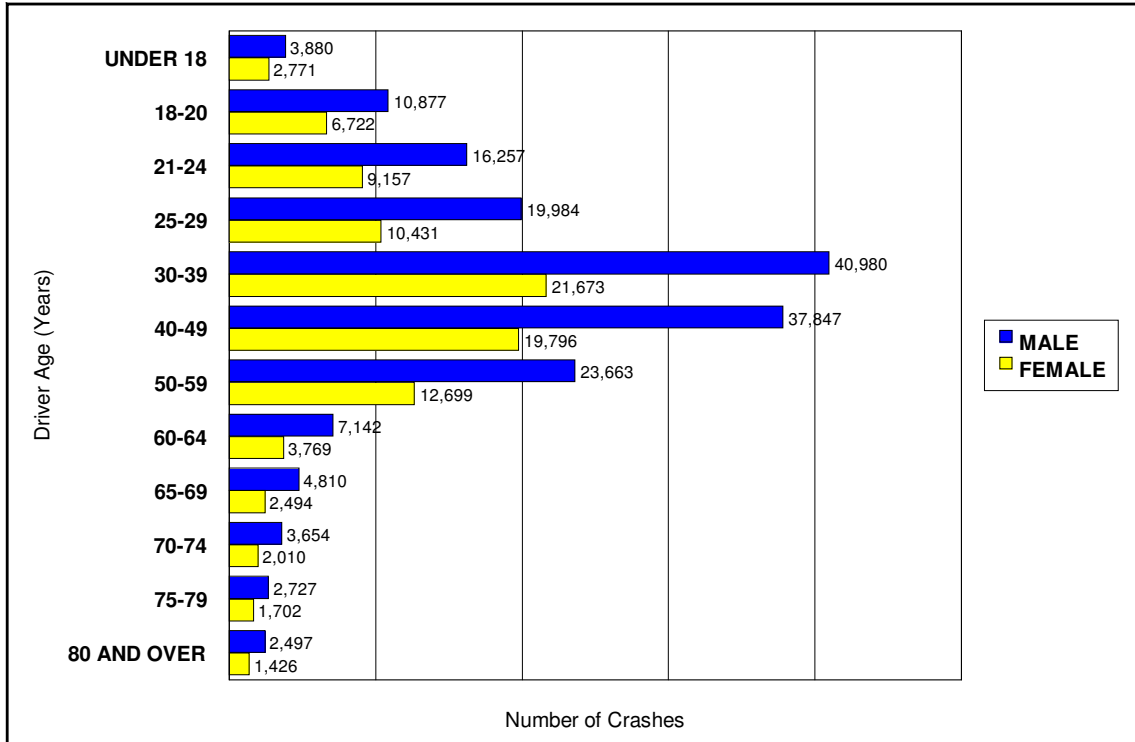


FIGURE 23B
AGE OF MALE DRIVERS INVOLVED IN
MOTOR VEHICLE CRASHES - BY PERCENT
2004



**FIGURE 24A
DRIVERS IN MOTOR VEHICLE CRASHES
BY AGE AND GENDER - 2003**



**FIGURE 24B
DRIVERS IN MOTOR VEHICLE CRASHES
BY AGE AND GENDER - 2004**

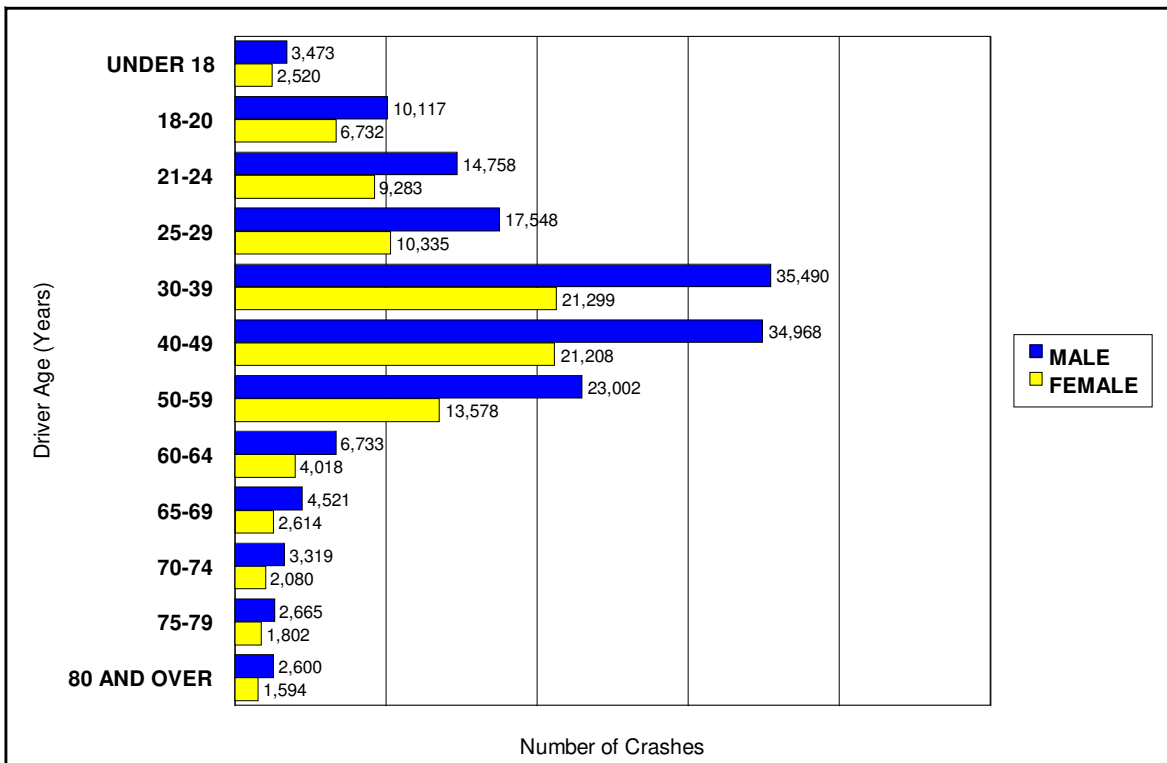


FIGURE 25A
MOTOR VEHICLE CRASHES
BY DAY OF WEEK - 2003

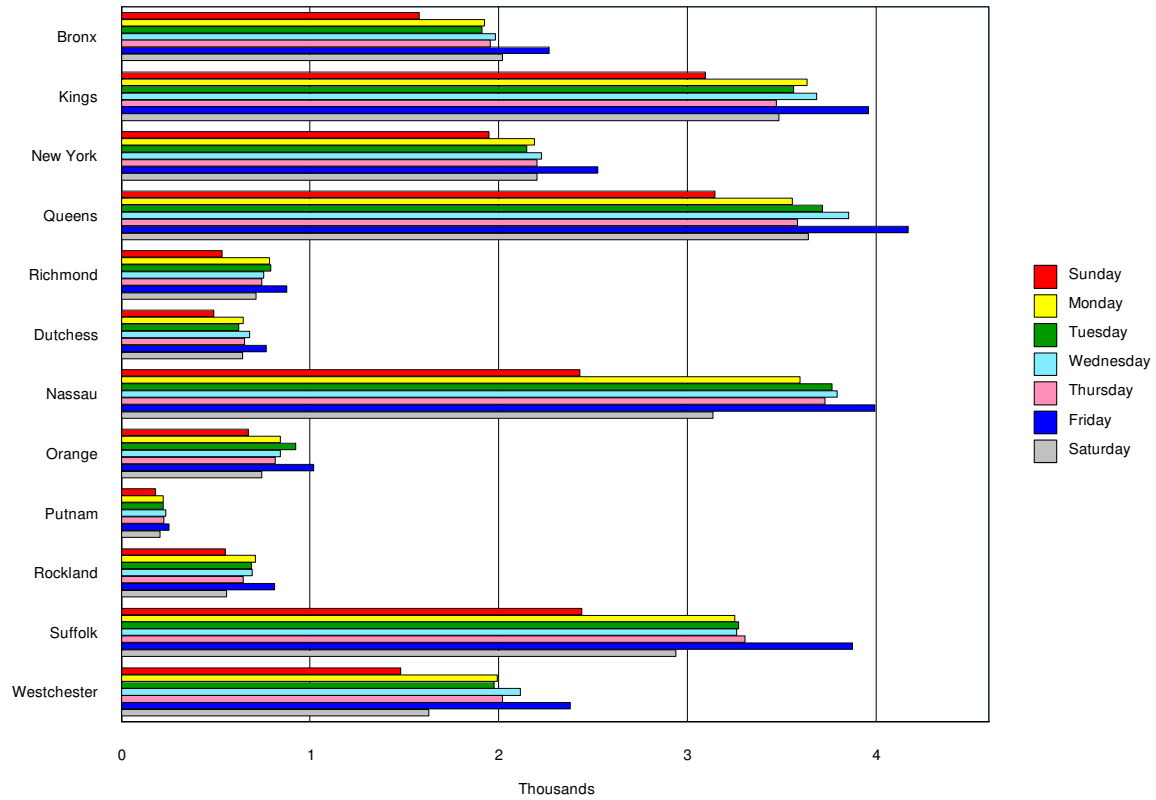


FIGURE 25B
MOTOR VEHICLE CRASHES
BY DAY OF WEEK - 2004

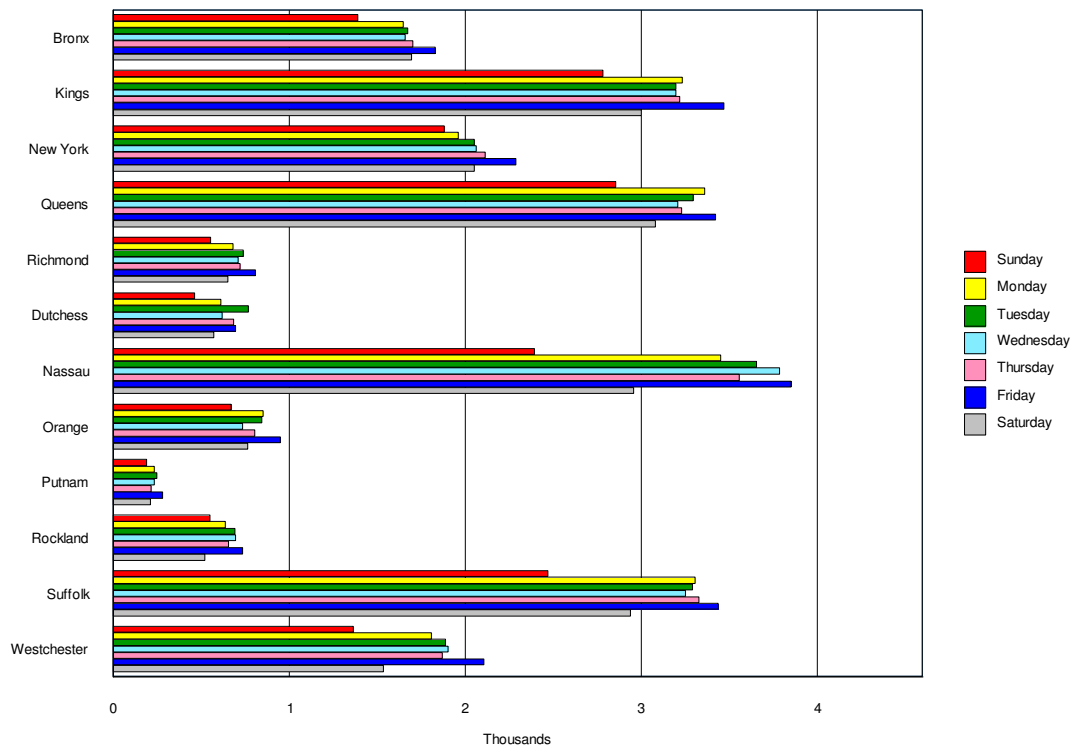


FIGURE 26A
MOTOR VEHICLE CRASHES
BY TIME OF DAY - 2003

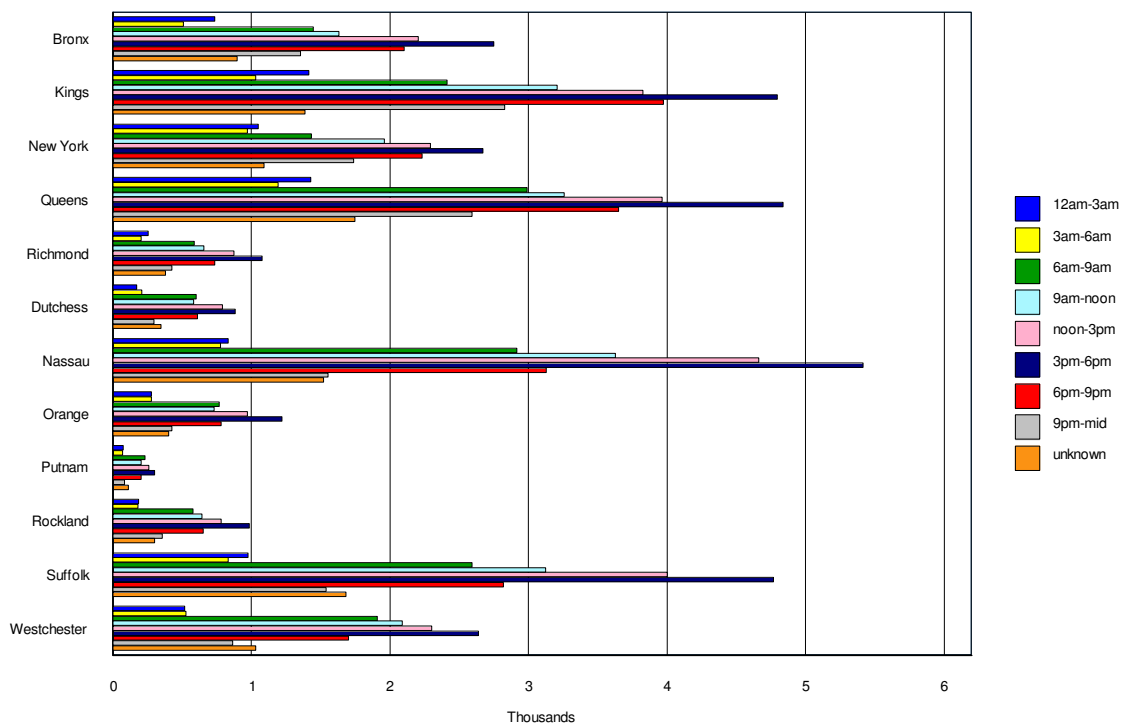
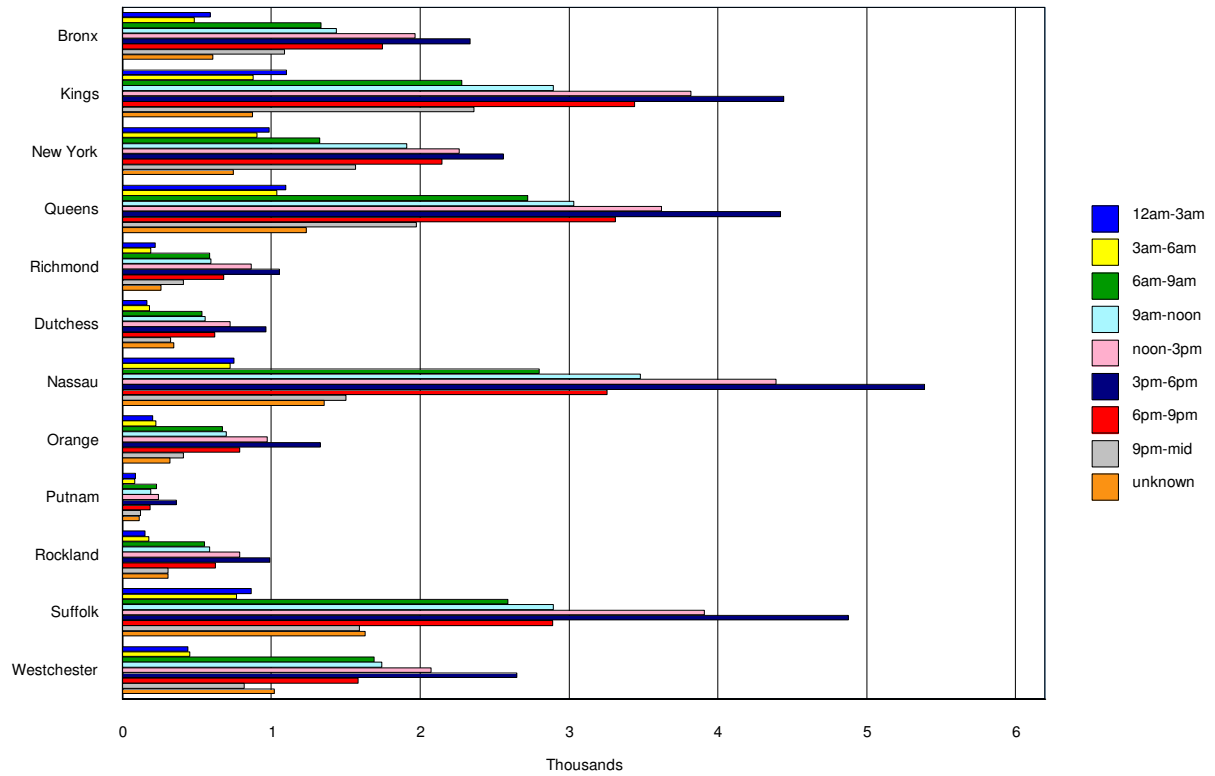
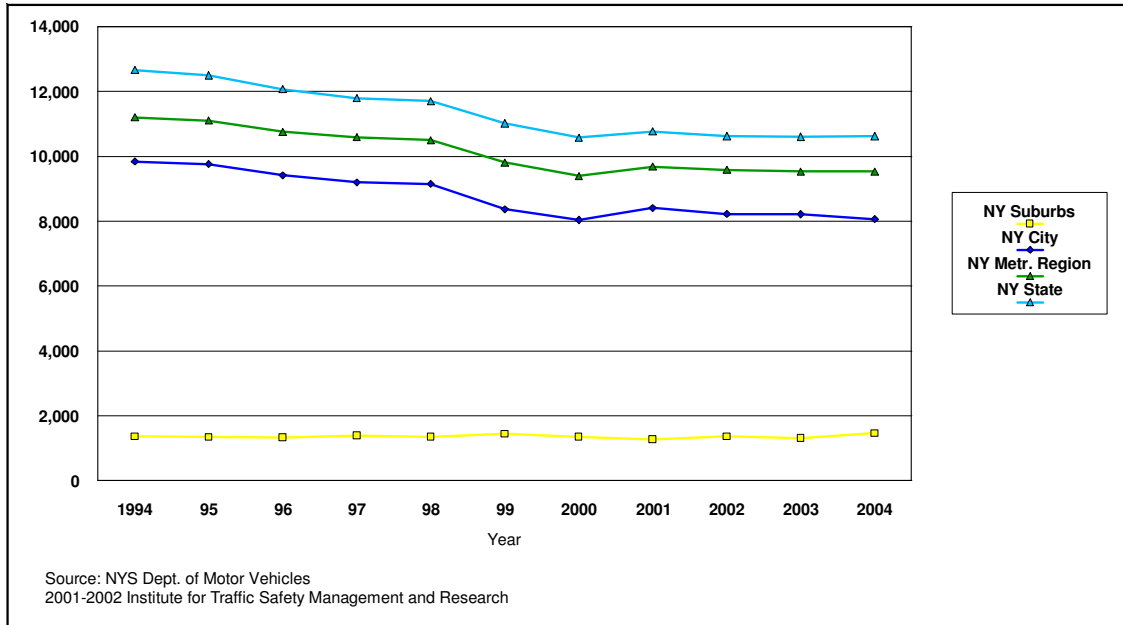


FIGURE 26B
MOTOR VEHICLE CRASHES
BY TIME OF DAY - 2004



**FIGURE 27
VEHICULAR/PEDESTRIAN CRASHES
AT INTERSECTION
1994-2004**



**FIGURE 28
VEHICULAR/PEDESTRIAN CRASHES
NOT AT INTERSECTION (MID-BLOCK)
1994-2004**

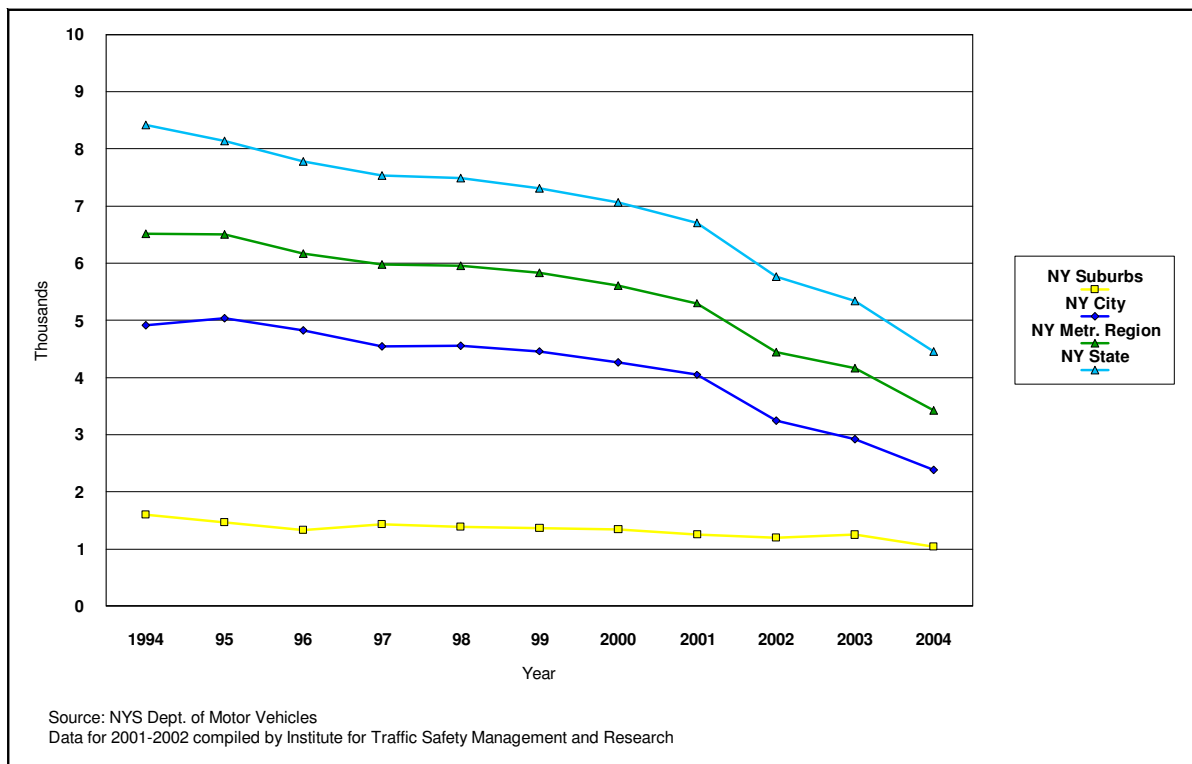


FIGURE 29
TOTAL PEDESTRIAN FATALITIES
IN VEHICULAR/PEDESTRIAN CRASHES
1994-2004

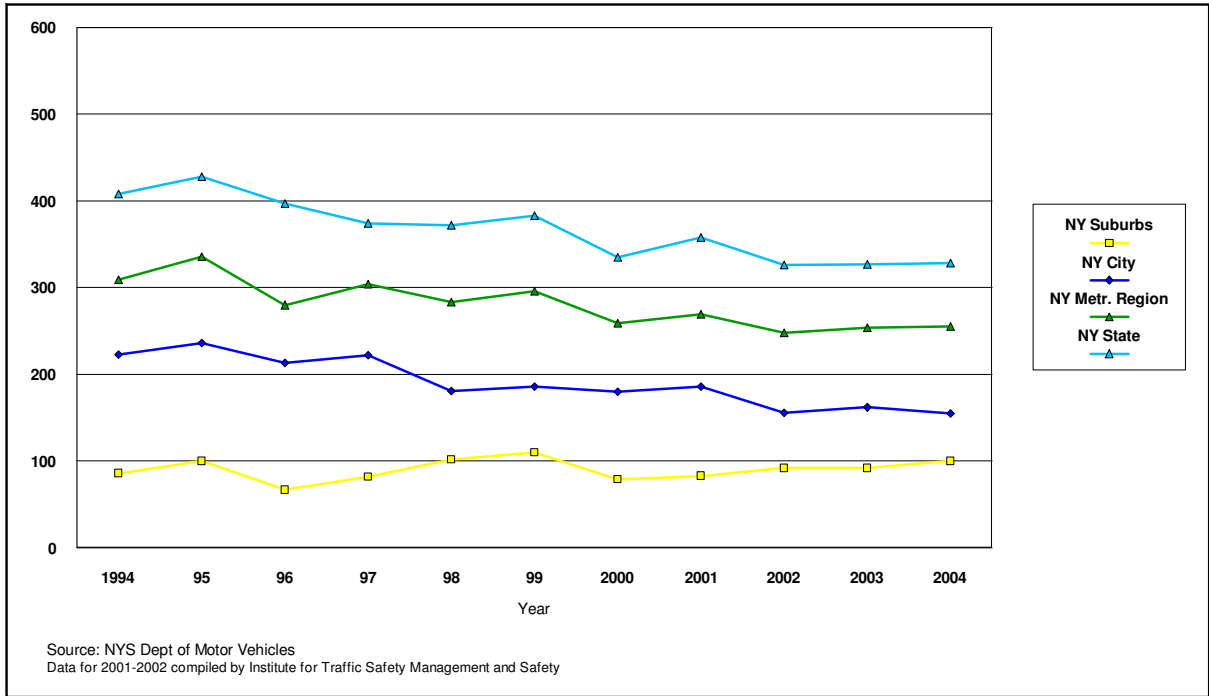


FIGURE 30
TOTAL BICYCLISTS KILLED OR INJURED
1994-2004

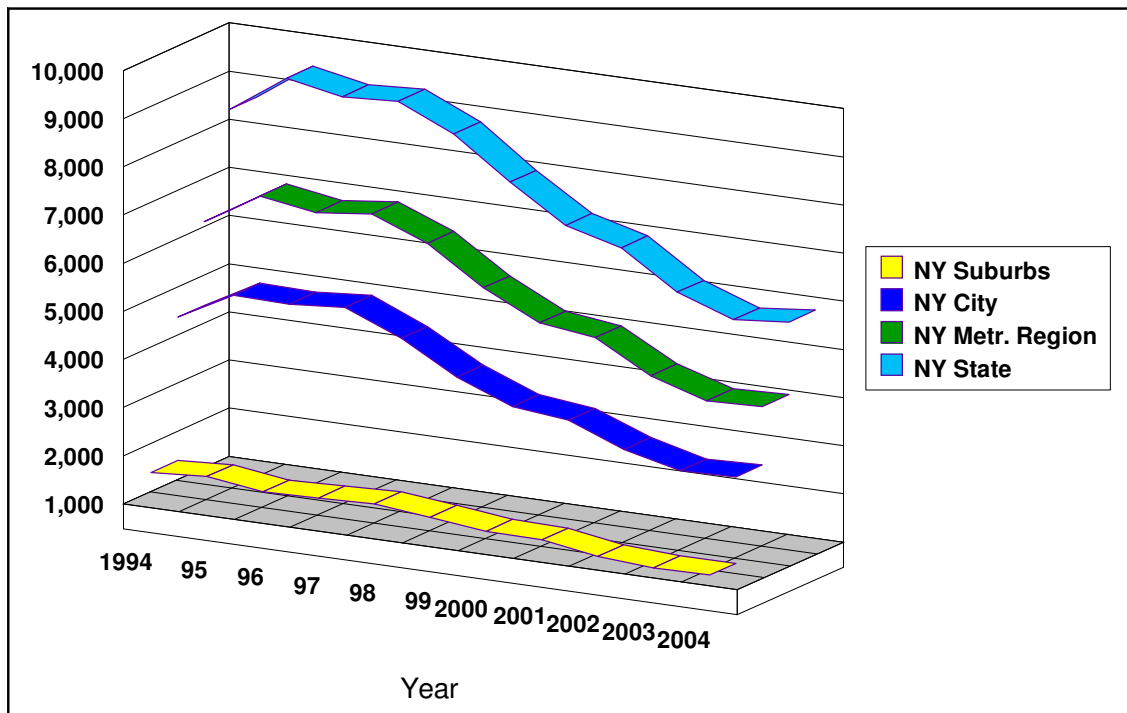


FIGURE 31
TOTAL BICYCLIST FATALITIES
IN VEHICULAR/BICYCLE CRASHES
1994-2004

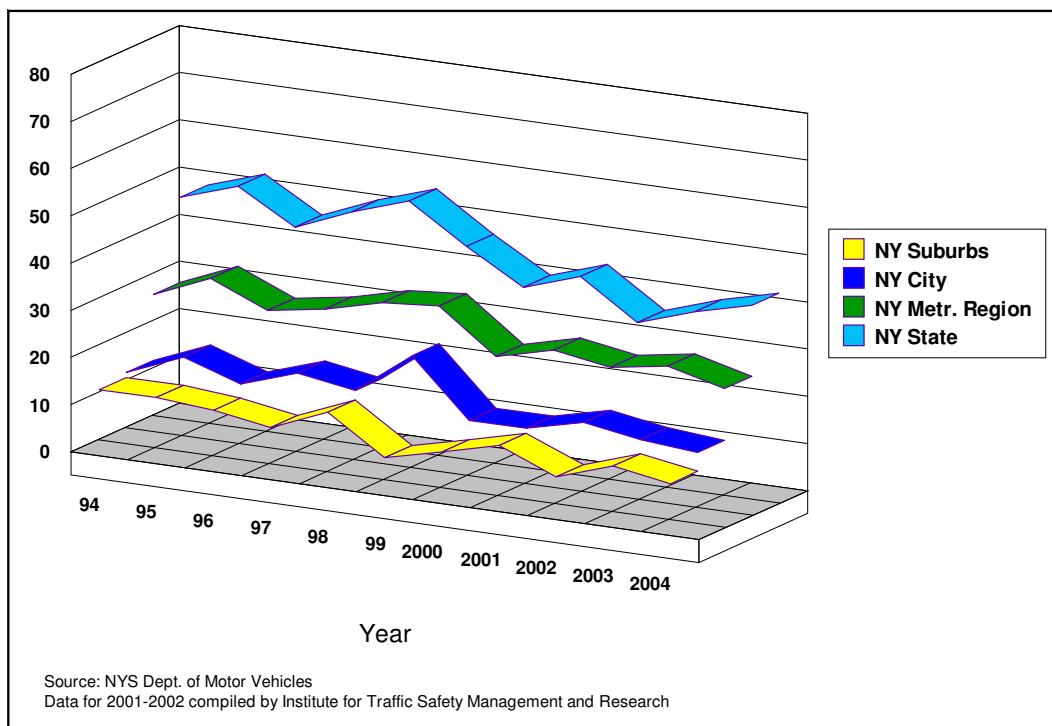
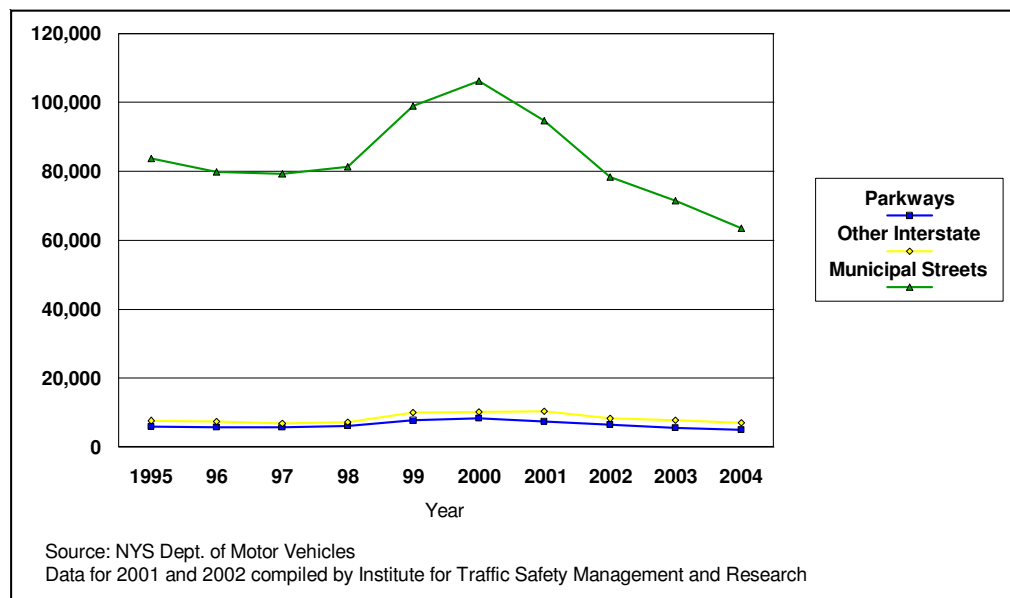
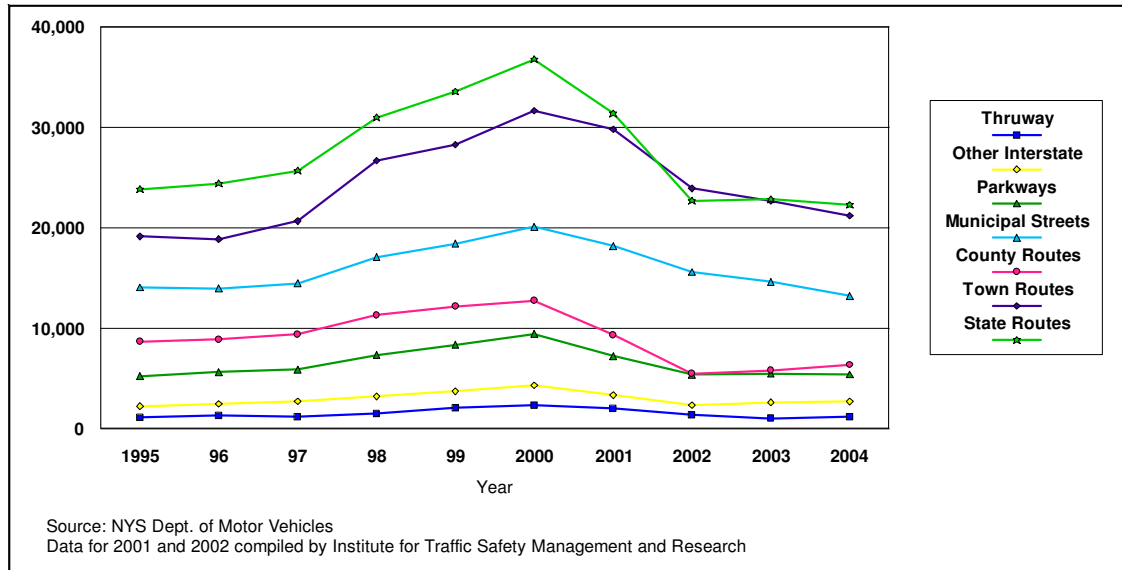


FIGURE 32
NEW YORK CITY
CRASHES ON ROAD SYSTEM BY JURISDICTION
1995-2004



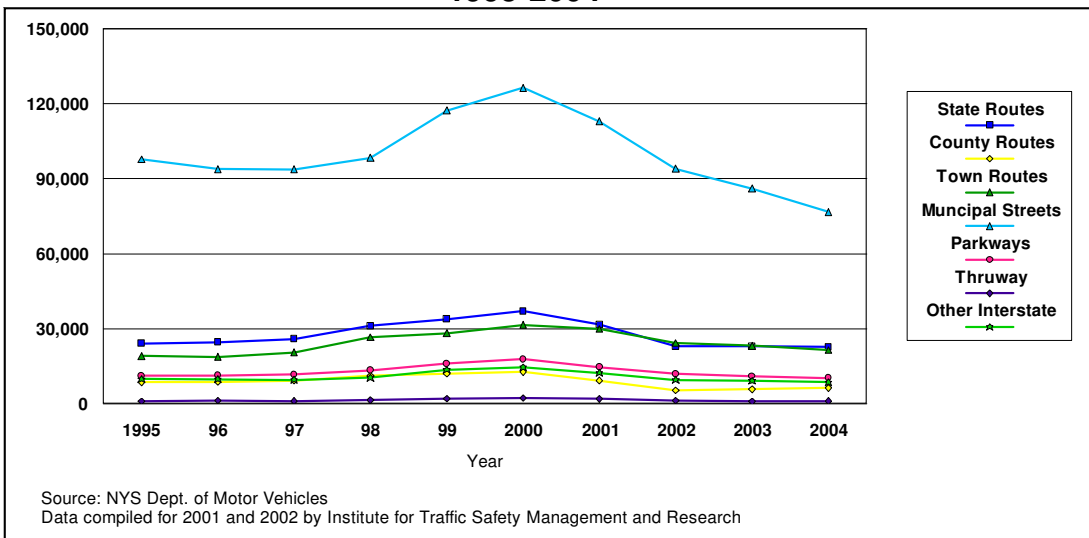
Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

**FIGURE 33
NEW YORK SUBURBS
CRASHES ON ROAD SYSTEM BY JURISDICTION
1995-2004**



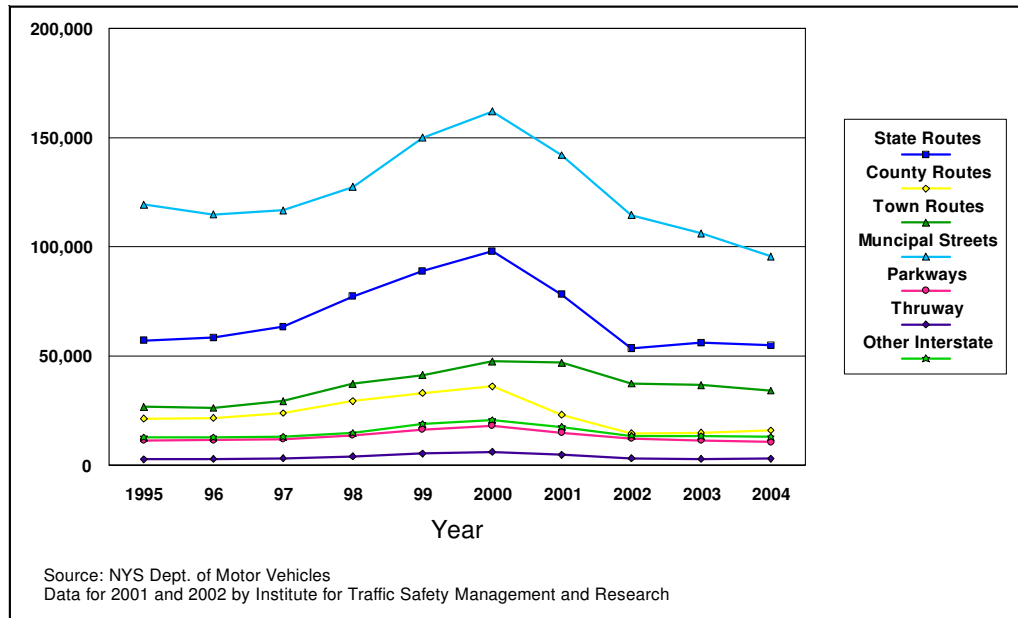
Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

**FIGURE 34
DOWNSTATE NEW YORK
CRASHES ON ROAD SYSTEM BY JURISDICTION
1995-2004**



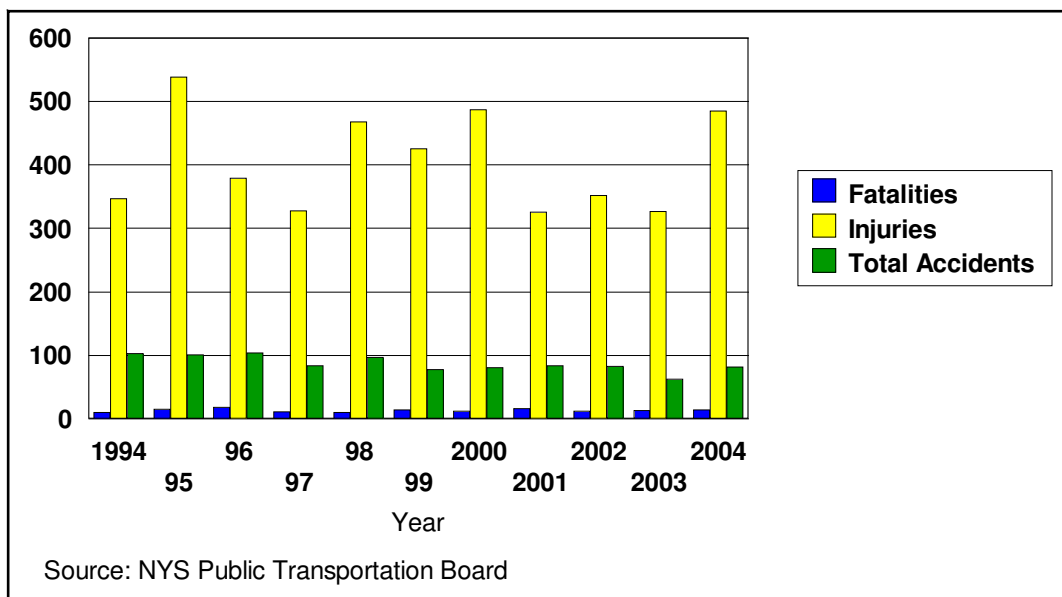
Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

**FIGURE 35
NEW YORK STATE
CRASHES ON ROAD SYSTEM BY JURISDICTION
1995-2004**

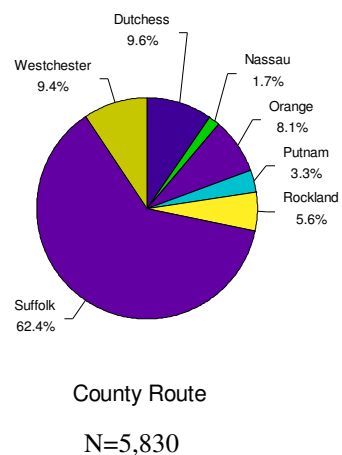
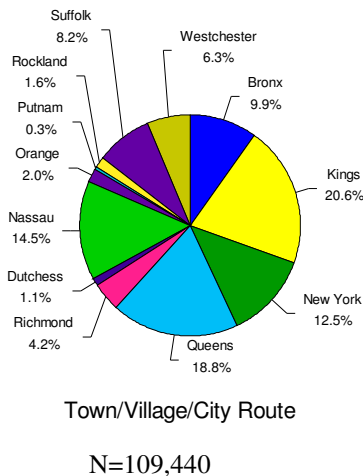
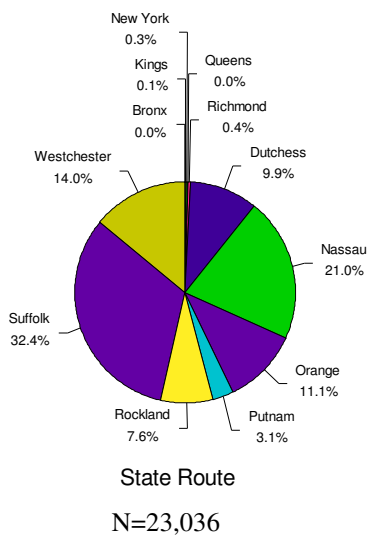


Due to changes in data collection and reporting protocols with respect to property damage only crashes, data on the total number of crashes by road system jurisdiction in the years 1999-2001 are not comparable to prior or subsequent years.

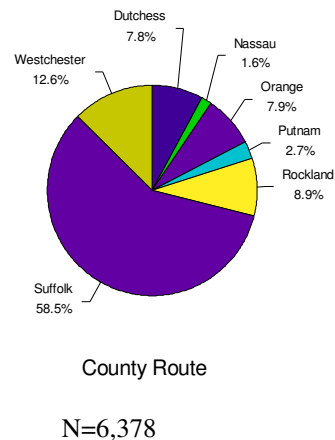
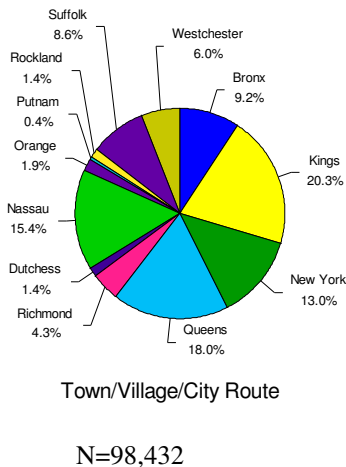
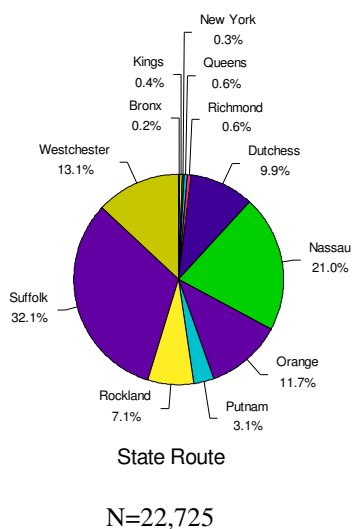
**FIGURE 36
TRANSIT ACCIDENTS, FATALITIES, INJURIES
METROPOLITAN TRANSPORTATION AUTHORITY
1994-2004**



**FIGURE 37A
PERCENT OF CRASHES
BY COUNTY AND ROUTE
2003**



**FIGURE 37B
PERCENT OF CRASHES
BY COUNTY AND ROUTE
2004**



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PART III
TRANSPORTATION
SAFETY
DATA TABLES

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TABLE 1
TOTAL NUMBER OF MOTOR VEHICLE CRASHES

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	13,493	13,568	12,899	13,114	13,272	17,950	19,953	17,864	14,653	13,662	11,623
Kings	30,485	30,129	28,499	28,768	30,082	35,782	38,151	33,370	27,736	24,909	22,119
New York	20,382	19,694	19,219	18,731	18,176	22,956	24,609	21,646	16,714	15,463	14,435
Queens	29,302	29,243	27,695	26,690	28,274	34,697	36,578	33,574	28,911	25,688	22,478
Richmond	5,171	5,361	5,266	5,125	5,318	5,781	6,258	6,183	5,298	5,227	4,894
NEW YORK CITY	98,833	97,995	93,578	92,428	95,122	117,166	125,549	112,637	93,312	84,949	75,549
Dutchess	4,320	4,116	4,512	4,733	5,815	6,577	7,041	5,921	4,166	4,524	4,446
Nassau	25,334	24,196	23,948	26,599	33,100	35,212	37,716	32,297	25,305	24,461	23,675
Orange	5,686	5,260	5,403	5,528	6,866	8,204	9,604	8,183	5,870	5,886	5,652
Putnam	1,744	1,545	1,688	1,773	1,936	2,141	2,649	2,344	1,531	1,569	1,643
Rockland	4,969	4,722	4,933	4,748	5,279	6,396	7,262	6,069	4,702	4,685	4,517
Suffolk	23,389	21,630	21,729	23,262	29,642	31,407	34,854	30,518	22,742	22,356	22,044
Westchester	14,074	13,503	13,992	14,097	16,314	17,452	19,153	17,359	14,060	13,612	12,499
NEW YORK SUBURBS	79,516	74,972	76,205	80,740	98,952	107,389	118,279	102,691	78,376	77,093	74,476
DOWNSTATE NY	178,349	172,967	169,783	173,168	194,074	224,555	243,828	215,328	171,688	162,042	150,025
NEW YORK STATE	259,184	253,136	250,521	263,604	306,646	356,981	392,245	331,979	253,710	246,926	232,758
Downstate % of NYS	68.8	68.3	67.8	65.7	63.3	62.9	62.2	64.9	67.7	65.6	64.5

Source: New York State Dept. of Motor Vehicles

Data compiled for 2001 and 2002 by 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**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	64	74	54	72	49	59	49	55	58	46	53
Kings	117	117	109	134	115	114	105	111	92	85	86
New York	82	96	84	81	59	66	70	55	50	64	47
Queens	133	132	116	123	112	118	100	104	108	103	79
Richmond	23	19	17	14	22	15	24	27	20	22	23
NEW YORK CITY	419	438	380	424	357	372	348	352	328	320	288
Dutchess	30	30	22	31	27	29	29	39	15	32	39
Nassau	107	101	75	112	101	123	94	93	110	104	110
Orange	47	35	37	39	31	43	30	36	43	47	39
Putnam	16	12	16	13	12	15	10	10	12	12	8
Rockland	25	20	14	26	26	22	18	20	25	18	29
Suffolk	146	166	153	147	162	153	151	164	151	155	158
Westchester	53	65	63	54	52	51	56	54	72	52	59
NEW YORK SUBURBS	424	429	380	422	411	436	388	416	428	420	442
DOWNSTATE NY	843	867	760	846	768	808	736	768	756	740	730
NEW YORK STATE	1,528	1,557	1,451	1,488	1,395	1,460	1,358	1,431	1,390	1,351	1,369
Downstate % of NYS	55.2	55.7	52.4	56.9	55.1	55.3	54.2	53.7	54.4	54.8	53.3
UNITED STATES	36,254	37,241	37,351	37,280	37,081	37,043	37,409	37,795	38,309	38,252	n/a
Downstate % of Nation	2.3	2.3	2.0	2.3	2.1	2.2	2.0	2.0	2.0	1.9	n/a

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	5.34	6.19	4.52	6.06	4.10	4.94	3.68	4.11	4.28	3.37	4.02
Kings	5.11	5.13	4.79	5.98	5.07	5.03	4.26	4.50	3.70	3.44	3.53
New York	5.42	6.29	5.48	5.27	3.80	4.25	4.55	3.57	3.23	4.09	3.13
Queens	6.76	6.69	5.86	6.23	5.60	5.90	4.49	4.68	4.83	4.63	3.57
Richmond	5.81	4.79	4.26	3.48	5.40	3.63	5.41	6.00	4.37	4.79	5.06
NEW YORK CITY	5.69	5.94	5.15	5.77	4.81	5.01	4.35	4.39	4.06	3.96	3.64
Dutchess	11.48	11.47	8.38	11.71	10.18	10.81	10.35	13.71	5.21	11.00	14.14
Nassau	8.22	7.75	5.75	8.59	7.76	9.42	7.04	6.97	8.18	7.76	8.35
Orange	14.69	10.86	11.40	11.92	9.42	12.87	8.78	10.32	12.05	12.94	10.94
Putnam	17.96	13.31	17.59	14.07	12.85	15.82	10.44	10.29	12.21	12.05	7.97
Rockland	9.08	7.22	5.03	9.29	9.24	7.75	6.28	6.93	8.57	6.14	10.15
Suffolk	10.84	12.28	11.28	10.79	11.81	11.06	10.64	11.40	10.35	10.56	10.93
Westchester	5.97	7.29	7.05	6.03	5.79	5.63	6.06	5.81	7.68	5.53	6.43
NEW YORK SUBURBS	9.46	9.54	8.43	9.32	9.05	10.23	8.97	8.81	8.96	8.76	9.41
DOWNSTATE NY	7.12	7.30	6.39	7.13	6.42	7.00	6.05	6.03	5.88	5.75	5.79
NEW YORK STATE	8.40	8.56	7.98	8.20	7.68	8.02	7.16	7.53	7.26	7.04	7.35
UNITED STATES	13.92	14.17	14.08	13.93	13.72	13.58	13.29	13.27	14.80	13.15	n/a

Source: NYMTC estimates based on statistics from New York State Dept. of Motor Vehicles and Census Bureau
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

TABLE 4
**MOTOR VEHICLE CRASHES
RESULTING IN INJURY**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	10,983	11,249	10,612	10,904	11,071	11,960	13,194	12,447	11,978	10,957	9,086
Kings	26,252	26,286	25,062	25,559	26,721	26,511	27,190	25,229	23,698	20,983	18,371
New York	16,913	16,250	15,824	15,711	15,243	14,679	14,624	14,058	13,340	11,833	10,886
Queens	23,049	23,461	22,000	21,849	23,160	23,875	24,459	23,456	22,655	19,565	16,855
Richmond	4,036	4,188	4,242	4,133	4,204	3,808	3,805	3,976	3,857	3,712	3,462
NEW YORK CITY	81,233	81,434	77,740	78,156	80,399	80,833	83,272	79,166	75,528	67,050	58,660
Dutchess	2,851	2,800	2,901	2,829	2,646	2,818	2,755	2,639	2,650	2,742	2,686
Nassau	17,418	16,997	16,884	16,828	16,933	16,681	17,304	16,528	16,959	16,172	15,492
Orange	3,829	3,631	3,674	3,324	3,364	3,511	3,662	3,524	3,831	3,701	3,681
Putnam	1,075	960	1,030	1,033	910	954	959	950	874	882	905
Rockland	3,305	3,162	3,206	2,998	2,849	2,930	3,160	2,990	2,970	2,928	2,853
Suffolk	16,437	15,483	15,603	14,656	14,974	14,621	15,233	15,055	15,583	14,894	14,701
Westchester	8,885	8,683	8,822	8,577	8,647	8,409	8,672	8,426	8,429	8,040	7,240
NEW YORK SUBURBS	53,800	51,716	52,120	50,245	50,323	49,924	51,745	50,112	51,296	49,359	47,558
DOWNSTATE NY	135,033	133,150	129,860	128,401	130,722	130,757	135,017	129,278	126,824	116,409	106,218
NEW YORK STATE	191,360	189,201	185,670	182,526	181,766	182,768	188,770	178,772	179,132	167,514	154,980
Downstate % of NYS	70.6	70.4	69.9	70.3	71.9	71.5	71.5	72.3	70.8	69.5	68.5
UNITED STATES	n/a	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	n/a
Downstate % of Nation	n/a	5.7	5.4	5.4	6.4	6.4	6.5	6.5	6.6	6.0	n/a

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001,2002 by Institute for Traffic Safety Management and Research

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	2,446	2,245	2,233	2,138	2,152	5,931	6,710	5,362	2,617	2,659	2,484
Kings	4,116	3,726	3,328	3,075	3,246	9,157	10,856	8,030	3,946	3,841	3,662
New York	3,387	3,348	3,311	2,939	2,874	8,211	9,913	7,533	3,324	3,566	3,502
Queens	6,120	5,650	5,379	4,718	5,002	10,704	12,019	10,014	6,148	6,020	5,544
Richmond	1,112	1,154	1,007	978	1,092	1,958	2,429	2,180	1,421	1,493	1,409
NEW YORK CITY	17,181	16,123	15,258	13,848	14,366	35,961	41,927	33,119	17,456	17,579	16,601
Dutchess	1,439	1,286	1,589	1,873	3,142	3,730	4,257	3,243	1,501	1,750	1,721
Nassau	7,809	7,098	6,989	9,659	16,066	18,408	20,318	15,676	8,236	8,185	8,073
Orange	1,810	1,594	1,692	2,165	3,471	4,650	5,912	4,623	1,996	2,138	1,932
Putnam	653	573	642	727	1,014	1,172	1,680	1,384	645	675	730
Rockland	1,639	1,540	1,713	1,724	2,404	3,444	4,084	3,059	1,707	1,739	1,635
Suffolk	6,806	5,981	5,973	8,459	14,506	16,633	19,470	15,299	7,008	7,307	7,185
Westchester	5,136	4,755	5,107	5,466	7,615	8,992	10,425	8,879	5,559	5,520	5,200
NEW YORK SUBURBS	25,292	22,827	23,705	30,073	48,218	57,029	66,146	52,163	26,652	27,314	26,476
DOWNSTATE NY	42,473	38,950	38,963	43,921	62,584	92,990	108,073	85,282	44,108	44,893	43,077
NEW YORK STATE	66,296	62,378	63,400	79,590	123,485	172,753	202,117	151,776	73,188	78,061	76,409
Downstate % of NYS	64.1	62.4	61.5	55.2	50.7	53.8	53.5	56.2	60.3	57.5	56.4
Source: New York State Dept. of Motor Vehicles Data compiled for 2001 and 2002 by 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**

	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
	Total Fatalities (Persons)					Total Injuries (Persons)				
Bronx	52	59	60	46	56	20,536	19,093	18,769	16,896	13,511
Kings	111	123	98	89	91	41,386	38,981	36,611	32,114	27,074
New York	72	62	52	68	47	19,758	19,755	19,052	16,292	14,671
Queens	102	107	115	117	81	35,282	35,512	35,147	29,766	24,544
Richmond	25	30	22	24	23	4,933	5,654	5,636	5,376	5,104
NEW YORK CITY	362	381	347	344	298	121,895	118,995	115,215	100,444	84,904
Dutchess	30	42	16	38	46	3,860	3,744	3,752	3,843	3,804
Nassau	98	102	115	114	121	25,136	24,076	24,728	23,458	22,462
Orange	36	38	46	51	42	5,318	5,063	5,538	5,332	5,291
Putnam	10	11	12	13	8	1,368	1,308	1,418	1,262	1,275
Rockland	18	21	30	19	33	4,520	4,315	4,270	4,204	4,020
Suffolk	159	179	163	164	171	22,024	21,561	22,938	21,582	21,420
Westchester	60	57	81	53	63	11,526	11,385	11,694	11,058	10,025
NEW YORK SUBURBS	411	450	463	452	484	73,752	71,452	74,338	70,739	68,297
DOWNSTATE NY	773	831	810	796	782	195,647	190,447	189,553	171,183	153,201
NEW YORK STATE	1,444	1,554	1,509	1,477	1,495	270,299	259,143	262,884	242,173	220,837
Downstate % of NYS	53.5	53.5	53.7	53.9	52.3	72.4	73.5	72.1	70.7	69.4
UNITED STATES	41,821	42,116	42,815	42,600	n/a	3,189,000	3,033,000	2,926,000	2,889,000	n/a
Downstate % of Nation	1.8	2.0	1.9	1.9		6.1	6.3	6.5	5.9	

Source: New York State Dept. of Motor Vehicles; Statistical Abstract of the United States
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

TABLE 6A
FATALITIES BY CATEGORY
2003-2004

	2003				2004			
	Drivers	Passengers	Pedestrians	Bicyclists	Drivers	Passengers	Pedestrians	Bicyclists
Bronx	18	5	22	1	16	7	30	3
Kings	27	5	53	4	24	13	52	2
New York	11	8	41	8	8	2	35	2
Queens	48	28	38	3	29	13	30	8
Richmond	10	6	8	0	12	3	8	0
NEW YORK CITY	114	52	162	16	89	38	155	15
Dutchess	25	9	3	1	27	15	4	0
Nassau	65	16	28	5	57	27	34	2
Orange	31	14	4	2	29	10	2	1
Putnam	5	7	1	0	5	1	2	0
Rockland	8	5	5	1	22	7	3	1
Suffolk	95	24	41	4	89	34	41	7
Westchester	34	9	10	0	37	12	14	0
NEW YORK SUBURBS	263	84	92	13	266	106	100	11
DOWNSTATE NY	377	136	254	29	355	144	255	26
NEW YORK STATE	809	302	327	38	823	301	328	41
Downstate % of NYS	46.6	45.0	77.7	76.3	43.1	47.8	77.7	63.4
Excludes Other								
Source: NYS Department of Motor Vehicles.								

TABLE 6B
INJURIES BY CATEGORY
2003-2004

	2003				2004			
	Drivers	Passengers	Pedestrians	Bicyclists	Drivers	Passengers	Pedestrians	Bicyclists
Bronx	8,170	6,386	1,901	337	6,863	4,664	1,556	327
Kings	15,505	11,293	3,951	1,161	13,443	8,771	3,546	1,147
New York	6,685	5,382	3,223	898	5,966	4,533	3,173	904
Queens	16,244	10,545	2,284	504	13,783	7,869	2,191	547
Richmond	3,311	1,623	352	61	3,066	1,564	374	71
NEW YORK CITY	49,915	35,229	11,711	2,961	43,121	27,401	10,840	2,996
Dutchess	2,755	956	77	42	2,661	1,011	81	45
Nassau	15,667	6,264	970	467	15,177	5,731	996	488
Orange	3,530	1,580	153	57	3,582	1,487	163	42
Putnam	905	318	34	5	902	352	13	8
Rockland	2,827	1,180	142	38	2,746	1,065	157	44
Suffolk	14,953	5,552	583	452	14,812	5,526	581	443
Westchester	7,242	2,962	672	135	6,539	2,708	605	137
NEW YORK SUBURBS	47,879	18,812	2,631	1,196	46,419	17,880	2,596	1,207
DOWNSTATE NY	97,794	54,041	14,342	4,157	89,540	45,281	13,436	4,203
NEW YORK STATE	145,159	73,739	16,665	5,581	134,794	63,772	15,678	5,690
Downstate % of NYS	67.4	73.3	86.1	74.5	66.4	71.0	85.7	73.9
Excludes Other								
Source: NYS Department of Motor Vehicles.								

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	9,830	10,293	10,035	9,936	10,089	16,252	18,748	10,286	6,175	4,706	3,722
Kings	27,448	28,859	26,817	25,843	27,468	36,636	39,450	22,701	13,640	10,046	8,621
New York	18,706	18,276	18,380	17,645	16,875	22,259	24,709	13,957	7,743	6,196	5,902
Queens	22,503	23,119	21,562	20,706	22,415	29,162	30,717	18,926	10,631	7,449	6,748
Richmond	4,296	4,535	4,323	4,180	4,295	5,041	5,106	3,688	2,396	2,133	2,042
NEW YORK CITY	82,783	85,082	81,117	78,310	81,142	109,350	118,730	69,558	40,585	30,530	27,035
Dutchess	3,165	3,208	3,452	3,769	4,532	5,111	5,495	3,779	2,250	2,063	2,126
Nassau	19,240	19,579	19,287	23,200	29,918	31,896	34,301	24,063	14,631	11,994	11,847
Orange	4,546	4,505	4,508	4,468	6,008	6,781	7,993	5,351	3,377	2,852	2,946
Putnam	1,252	1,195	1,243	1,375	1,605	1,735	2,199	1,568	804	659	766
Rockland	3,843	4,041	3,989	4,108	4,793	5,710	6,520	4,381	2,682	2,140	2,158
Suffolk	19,039	19,142	18,565	21,393	28,103	29,312	32,640	22,058	13,185	10,376	10,522
Westchester	7,614	7,696	8,081	9,045	10,982	11,855	13,524	9,187	5,813	4,824	4,628
NEW YORK SUBURBS	58,699	59,366	59,125	67,358	85,941	92,400	102,672	70,387	42,742	34,908	34,993
DOWNSTATE NY	141,482	144,448	140,242	145,668	167,083	201,750	221,402	139,945	83,327	65,438	62,028
NEW YORK STATE	210,333	213,552	209,673	222,969	265,169	312,481	344,232	215,599	128,565	104,342	100,752
Downstate % of NYS	67.3	67.6	66.9	65.3	63.0	64.6	64.3	64.9	64.8	62.7	61.6

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by 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	2002 a	2002 b	2003 a	2003 b	2004 a	2004 b
Bronx	163	134	152	2.6	1.5	2.8	1.5	4.1	2.1
Kings	316	285	257	2.3	1.5	2.8	1.7	3.0	1.7
New York	172	202	174	2.2	1.4	3.3	2.0	2.9	1.9
Queens	259	227	215	2.4	1.3	3.0	1.5	3.2	1.6
Richmond	70	72	78	2.9	1.9	3.4	2.3	3.8	2.6
NEW YORK CITY	980	920	876	2.4	1.4	3.0	1.7	3.2	1.8
Dutchess	145	131	135	6.4	5.4	6.3	5.3	6.3	5.3
Nassau	440	372	423	3.0	2.6	3.1	2.7	3.6	3.1
Orange	181	184	158	5.4	4.5	6.5	5.4	5.4	4.5
Putnam	48	38	43	6.0	5.1	5.8	4.8	5.6	4.9
Rockland	102	95	108	3.8	3.1	4.4	3.6	5.0	4.1
Suffolk	575	495	487	4.4	3.7	4.8	4.0	4.6	3.9
Westchester	310	241	227	5.3	3.7	5.0	3.5	4.9	3.5
NEW YORK SUBURBS	1,801	1,556	1,581	4.2	3.5	4.5	3.7	4.5	3.8
DOWNSTATE NY	2,781	2,476	2,457	3.3	2.3	3.8	2.6	4.0	2.7
NEW YORK STATE	6,072	5,320	5,306	4.7	3.5	5.1	3.7	5.3	3.9
Downstate % of NYS	45.80	46.54	46.31						

a = % of human factor crashes b = % of all crashes
Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

* This number represents the total number of police-reported crashes with a human factor of alcohol involvement.

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

	2002	2003	2004
Bronx	126	152	121
Kings	250	225	213
New York	156	144	151
Queens	159	161	126
Richmond	26	41	33
NEW YORK CITY	717	723	644
Dutchess	12	6	12
Nassau	57	50	53
Orange	12	13	20
Putnam	1	2	3
Rockland	9	5	12
Suffolk	102	75	77
Westchester	35	31	26
NEW YORK SUBURBS	228	182	203
DOWNSTATE NY	945	905	847
NEW YORK STATE	1,146	1,138	1,096
New York City % of NYS	62.6	63.5	58.8
Downstate % of NYS	82.5	79.5	77.3

Source: New York State Dept. of Motor Vehicles

TABLE 9
**MOTOR VEHICLE CRASHES
 WITH CONTRIBUTING VEHICULAR FACTORS**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	963	1,021	836	777	804	1,095	1,031	660	713	624	497
Kings	2,931	2,680	2,504	2,321	2,185	2,738	2,637	1,660	1,613	1,339	1,079
New York	1,699	1,422	1,346	1,189	1,084	1,139	1,169	786	795	620	625
Queens	2,235	1,968	1,795	1,753	1,610	2,013	1,902	1,385	1,336	1,041	904
Richmond	462	402	393	274	231	228	254	232	204	168	134
NEW YORK CITY	8,290	7,493	6,874	6,314	5,914	7,213	6,993	4,723	4,661	3,792	3,239
Dutchess	143	123	106	160	190	182	225	163	101	84	106
Nassau	550	476	525	499	738	737	773	649	384	326	353
Orange	208	219	232	209	278	291	362	259	149	133	128
Putnam	68	58	57	59	76	91	86	63	30	34	12
Rockland	171	160	177	156	194	232	277	193	113	113	83
Suffolk	608	632	553	679	815	883	884	760	471	387	375
Westchester	434	457	384	441	553	555	645	519	303	235	233
NEW YORK SUBURBS	2,182	2,125	2,034	2,203	2,844	2,971	3,252	2,606	1,551	1,312	1,290
DOWNSTATE NY	10,472	9,618	8,908	8,517	8,758	10,184	10,245	7,329	6,212	5,104	4,529
NEW YORK STATE	13,446	12,423	11,712	11,490	12,805	14,826	15,328	11,030	8,314	6,882	6,380
Downstate % of NYS	77.9	77.4	76.1	74.1	68.4	68.7	66.8	66.4	74.7	74.2	71.0

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001,2002 by 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**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	1,938	1,830	1,779	1,445	1,484	1,907	2,028	1,294	797	746	533
Kings	3,763	3,699	3,667	2,852	3,045	3,491	3,599	2,595	1,662	1,319	1,111
New York	2,201	1,850	2,038	1,600	1,410	1,823	1,954	1,263	818	692	643
Queens	4,100	3,762	4,096	3,125	2,955	3,811	3,827	2,438	1,831	1,297	1,034
Richmond	1,076	867	1,032	767	788	796	816	641	440	420	351
NEW YORK CITY	13,078	12,008	12,612	9,789	9,682	11,828	12,224	8,231	5,548	4,474	3,672
Dutchess	1,375	1,126	1,399	1,338	1,784	2,160	2,301	1,462	629	579	577
Nassau	5,762	4,423	5,072	4,393	5,127	4,545	5,315	3,723	2,344	2,148	1,934
Orange	1,952	1,497	1,668	1,736	2,102	2,752	3,085	2,095	903	814	824
Putnam	715	513	695	587	615	684	944	683	239	238	220
Rockland	1,449	1,068	1,315	1,034	1,014	1,358	1,558	1,109	615	532	472
Suffolk	5,758	4,127	5,185	4,215	5,235	5,267	6,659	4,392	2,367	2,169	2,135
Westchester	3,268	2,404	2,658	2,286	2,741	2,939	3,378	2,400	1,343	1,300	1,086
NEW YORK SUBURBS	20,279	15,158	17,992	15,589	18,618	19,705	23,240	15,864	8,440	7,780	7,248
DOWNSTATE NY	33,357	27,166	30,604	25,378	28,300	31,533	35,464	24,095	13,988	12,254	10,920
NEW YORK STATE	55,967	47,252	51,706	51,230	58,806	74,181	85,281	53,727	26,419	23,063	21,560
Downstate % of NYS	59.6	57.5	59.2	49.5	48.1	42.5	41.6	44.8	52.9	53.1	50.6

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001,2002 by 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**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	25,074	25,071	23,936	24,363	25,044	34,843	38,989	34,756	28,133	26,169	22,281
Kings	58,196	57,218	53,868	54,609	57,498	69,915	75,273	64,904	53,510	47,544	42,214
New York	36,528	35,107	34,085	33,305	32,442	42,644	46,220	40,088	30,437	27,757	25,836
Queens	57,498	57,136	53,954	52,143	55,673	69,076	73,185	67,014	57,703	50,770	44,190
Richmond	10,107	10,438	10,212	10,028	10,416	11,394	12,420	12,219	10,537	10,267	9,621
NEW YORK CITY	187,403	184,970	176,055	174,448	181,073	227,872	246,087	218,981	180,320	162,507	144,142
Dutchess	7,662	7,205	7,859	7,995	9,771	10,808	11,547	9,987	7,132	7,811	7,581
Nassau	50,497	48,241	47,849	53,356	66,224	70,634	75,342	64,479	50,755	48,739	47,059
Orange	10,126	9,100	9,312	9,259	11,696	13,608	16,044	13,765	10,283	10,122	9,731
Putnam	3,036	2,658	2,893	3,029	3,221	3,561	4,358	3,905	2,620	2,635	2,751
Rockland	9,464	8,887	9,361	8,960	10,089	12,098	13,587	11,519	8,925	8,818	8,506
Suffolk	45,384	41,941	42,116	45,322	57,818	60,944	67,185	59,139	44,158	42,889	42,217
Westchester	26,507	25,219	26,298	26,381	30,266	32,309	35,347	32,351	26,297	25,404	23,300
NEW YORK SUBURBS	152,676	143,251	145,688	154,302	189,085	203,962	223,410	195,145	150,170	146,418	141,145
DOWNSTATE NY	340,079	328,221	321,743	328,750	370,158	431,834	469,497	414,126	330,490	308,925	285,287
NEW YORK STATE	483,580	466,820	461,589	482,607	560,734	653,141	714,839	609,334	470,685	454,108	425,702
Downstate % of NYS	70.3	70.3	69.7	68.1	66.0	66.1	65.7	68.0	70.2	68.0	67.0

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001, 2002, 2003 and 2004 by 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**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	98	111	76	98	81	96	73	89	85	72	73
Kings	174	179	163	195	165	169	166	165	137	129	133
New York	108	141	107	108	74	100	97	74	65	83	62
Queens	217	195	191	185	177	182	146	158	186	182	106
Richmond	38	37	23	18	32	24	39	45	31	31	38
NEW YORK CITY	635	663	560	604	529	571	521	531	504	497	412
Dutchess	46	53	37	50	38	46	48	64	21	51	61
Nassau	158	159	121	177	156	174	160	160	167	164	171
Orange	77	52	56	63	50	62	43	55	65	75	56
Putnam	25	22	27	21	19	26	19	11	14	19	11
Rockland	39	21	20	42	40	29	24	30	34	24	46
Suffolk	248	252	238	235	263	246	258	262	252	239	249
Westchester	77	97	92	81	67	74	93	81	121	87	95
NEW YORK SUBURBS	670	656	591	669	633	657	645	663	674	659	689
DOWNSTATE NY	1,305	1,319	1,151	1,273	1,162	1,228	1,166	1,194	1,178	1,156	1,101
NEW YORK STATE	2,390	2,377	2,227	2,305	2,141	2,233	2,118	2,214	2,135	2,103	2,101
Downstate % of NYS	54.6	55.5	51.7	55.2	54.3	55.0	55.1	53.9	55.2	55.0	52.4

Source: New York State Dept. of Motor Vehicles

Data compiled for 2001, 2002, 2003 and 2004 by Institute for Traffic Safety Management and Research

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	20,020	20,375	19,303	19,908	20,535	22,693	25,277	23,766	22,745	20,736	17,184
Kings	49,523	49,321	46,874	48,066	50,557	50,855	52,592	48,208	45,260	39,573	34,600
New York	29,455	28,144	27,276	27,168	26,468	25,799	26,036	24,797	23,640	20,521	18,707
Queens	44,780	45,276	42,741	42,247	45,178	47,019	48,429	46,275	44,992	38,386	32,824
Richmond	7,801	8,063	8,161	8,017	8,162	7,397	7,466	7,778	7,667	7,263	6,755
NEW YORK CITY	151,579	151,179	144,355	145,406	150,900	153,763	159,800	150,824	144,304	126,479	110,070
Dutchess	5,145	4,998	5,191	5,005	4,785	5,046	4,854	4,803	4,706	4,975	4,795
Nassau	34,575	33,769	33,660	33,576	33,906	33,462	34,613	33,036	34,043	32,233	30,752
Orange	6,953	6,388	6,498	5,771	5,988	6,188	6,505	6,268	7,005	6,658	6,644
Putnam	1,903	1,664	1,815	1,817	1,578	1,665	1,671	1,654	1,546	1,544	1,577
Rockland	6,357	6,013	6,160	5,727	5,525	5,662	6,103	5,814	5,691	5,587	5,431
Suffolk	31,792	29,941	30,200	28,481	29,166	28,338	29,534	29,289	30,305	28,632	28,252
Westchester	16,669	16,125	16,591	16,139	16,298	15,814	16,359	15,888	15,751	15,003	13,528
NEW YORK SUBURBS	103,394	98,898	100,115	96,516	97,246	96,175	99,639	96,752	99,047	94,632	90,979
DOWNSTATE NY	254,973	250,077	244,470	241,922	248,146	249,938	259,439	247,576	243,351	221,111	201,049
NEW YORK STATE	355,199	347,789	341,836	336,107	337,891	341,089	353,778	334,141	334,803	311,026	285,954
Downstate % of NYS	71.8	71.9	71.5	72.0	73.4	73.3	73.3	74.1	72.7	71.1	70.3

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001, 2002, 2003 and 2004 by Institute for Traffic Safety Management and Research

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	4,956	4,585	4,557	4,357	4,428	12,054	13,639	10,901	5,303	5,361	5,024
Kings	8,499	7,718	6,831	6,348	6,776	18,891	22,515	16,531	8,113	7,842	7,481
New York	6,965	6,822	6,702	6,029	5,900	16,743	20,087	15,217	6,732	7,153	7,067
Queens	12,501	11,665	11,022	9,711	10,318	21,875	24,610	20,581	12,525	12,202	11,260
Richmond	2,268	2,338	2,028	1,993	2,222	3,973	4,915	4,396	2,839	2,973	2,828
NEW YORK CITY	35,189	33,128	31,140	28,438	29,644	73,536	85,766	67,626	35,512	35,531	33,660
Dutchess	2,471	2,154	2,631	2,940	4,948	5,716	6,645	5,120	2,405	2,785	2,725
Nassau	15,764	14,313	14,068	19,603	32,162	36,998	40,569	31,283	16,545	16,342	16,136
Orange	3,096	2,660	2,758	3,425	5,658	7,358	9,496	7,442	3,213	3,389	3,031
Putnam	1,108	972	1,051	1,191	1,624	1,870	2,668	2,240	1,060	1,072	1,163
Rockland	3,068	2,853	3,181	3,191	4,524	6,407	7,460	5,675	3,200	3,207	3,029
Suffolk	13,344	11,748	11,678	16,606	28,389	32,360	37,393	29,588	13,601	14,018	13,716
Westchester	9,761	8,997	9,615	10,161	13,901	16,421	18,895	16,382	10,425	10,314	9,677
NEW YORK SUBURBS	48,612	43,697	44,982	57,117	91,206	107,130	123,126	97,730	50,449	51,127	49,477
DOWNSTATE NY	83,801	76,825	76,122	85,555	120,850	180,666	208,892	165,356	85,961	86,658	83,137
NEW YORK STATE	125,991	116,654	117,526	144,195	220,702	309,819	358,943	272,979	133,747	140,979	137,647
Downstate % of NYS	66.5	65.9	64.8	59.3	54.8	58.3	58.2	60.6	64.3	61.5	60.4

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001, 2002, 2003 and 2004 by 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 15
**MALE DRIVERS INVOLVED IN
 MOTOR VEHICLE CRASHES**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	16,444	16,655	15,819	16,169	16,388	22,432	25,181	21,596	17,316	15,923	13,333
Kings	38,450	38,190	36,046	36,384	38,247	44,968	47,744	40,410	33,385	29,159	25,758
New York	26,703	25,786	25,006	24,535	23,601	30,435	32,646	27,497	20,603	18,526	17,062
Queens	36,797	36,781	34,713	33,041	35,380	43,016	45,475	40,618	35,205	30,354	26,131
Richmond	5,756	5,951	5,826	5,658	5,913	6,375	6,751	6,549	5,605	5,448	4,950
NEW YORK CITY	124,150	123,363	117,410	115,787	119,529	147,226	157,797	136,670	112,114	99,410	87,234
Dutchess	4,293	3,923	4,402	4,433	5,377	6,003	6,452	5,319	3,742	4,052	3,870
Nassau	27,922	26,306	25,966	28,743	35,389	37,750	40,013	33,449	26,402	25,556	24,415
Orange	5,801	5,269	5,305	5,218	6,562	7,668	8,821	7,288	5,497	5,447	5,139
Putnam	1,827	1,519	1,679	1,746	1,875	2,093	2,577	2,239	1,490	1,420	1,514
Rockland	5,346	4,969	5,309	4,954	5,779	6,866	7,813	6,408	4,866	4,769	4,591
Suffolk	24,989	22,688	22,893	24,442	31,093	32,628	35,750	30,841	23,379	22,211	21,980
Westchester	16,618	13,757	14,384	14,334	16,323	17,508	19,181	16,692	13,605	13,034	11,885
NEW YORK SUBURBS	86,796	78,431	79,938	83,870	102,398	110,516	120,607	102,236	78,981	76,489	73,394
DOWNSTATE NY	210,946	201,794	197,348	199,657	221,927	257,742	278,404	238,906	191,095	175,899	160,628
NEW YORK STATE	289,381	278,164	273,882	283,794	326,323	379,303	411,996	341,731	263,754	249,482	231,494
Downstate % of NYS	72.9	72.5	72.1	70.4	68.0	68.0	67.6	69.9	72.5	70.5	69.4

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001 and 2002 by 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**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	4,836	5,125	5,027	5,086	5,495	7,273	8,107	7,271	6,707	6,202	5,333
Kings	10,481	10,922	10,434	11,080	11,691	14,054	14,965	12,966	11,917	10,627	9,562
New York	4,474	4,578	4,615	4,645	4,710	6,114	6,607	5,796	5,046	4,584	4,316
Queens	12,784	13,444	12,733	12,954	13,658	16,934	17,606	15,923	14,878	12,998	11,596
Richmond	3,280	3,565	3,442	3,469	3,585	3,757	4,109	3,926	3,657	3,435	3,336
NEW YORK CITY	35,855	37,634	36,251	37,234	39,139	48,132	51,394	45,882	42,205	37,846	34,143
Dutchess	3,060	2,984	3,139	3,225	3,888	4,262	4,482	3,783	2,965	3,193	3,165
Nassau	18,801	18,597	18,630	20,801	25,329	26,487	28,094	23,399	20,087	18,970	18,466
Orange	3,812	3,406	3,598	3,593	4,506	5,157	6,088	5,181	4,073	3,879	3,924
Putnam	1,103	1,035	1,091	1,171	1,219	1,324	1,530	1,381	977	1,030	1,055
Rockland	3,599	3,459	3,575	3,478	3,716	4,457	4,883	4,131	3,429	3,378	3,258
Suffolk	17,451	16,648	16,762	17,866	22,210	23,234	25,163	21,569	17,448	17,226	16,882
Westchester	9,573	9,319	9,717	9,948	11,409	11,986	12,798	11,404	9,906	9,540	8,742
NEW YORK SUBURBS	57,399	55,448	56,512	60,082	72,277	76,907	83,038	70,848	58,885	57,216	55,492
DOWNSTATE NY	93,254	93,082	92,763	97,316	111,416	125,039	134,432	116,730	101,090	95,062	89,635
NEW YORK STATE	148,439	147,956	148,723	158,181	184,806	208,410	227,235	189,444	157,835	153,903	147,224
Downstate % of NYS	62.8	62.9	62.4	61.5	60.3	60.0	59.2	61.6	64.0	61.8	60.9

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001 and 2002 by 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
 1000 DRIVER LICENSES**

	2003		2004	
	Male	Female	Male	Female
Bronx	63.85	35.44	54.43	30.65
Kings	58.85	30.83	53.28	27.97
New York	47.09	14.92	43.93	14.05
Queens	49.15	28.91	43.58	26.15
Richmond	35.22	24.49	32.21	23.82
NEW YORK CITY	52.03	26.71	46.65	24.27
Dutchess	38.45	30.82	36.72	30.42
Nassau	50.44	38.29	48.78	37.53
Orange	43.40	32.33	40.85	32.49
Putnam	35.54	26.88	38.23	27.68
Rockland	43.56	32.63	42.64	31.80
Suffolk	40.27	32.14	40.07	31.54
Westchester	38.83	29.38	36.11	27.23
NEW YORK SUBURBS	43.11	33.24	41.78	32.38
DOW NSTATE NY	47.73	30.29	44.29	28.73
NEW YORK STATE	41.93	28.46	39.43	27.39

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 - 2003**

BY AGE OF FEMALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	18	24	42	82
16-17	374	2,355	2,729	5,632
18-20	1,929	4,793	6,722	12,967
21-24	3,896	5,261	9,157	15,695
25-29	5,206	5,225	10,431	15,607
30-34	5,153	5,382	10,535	15,792
35-39	4,944	6,194	11,138	16,840
40-44	4,373	6,332	10,705	16,694
45-49	3,603	5,488	9,091	14,420
50-54	2,795	4,392	7,187	11,532
55-59	1,997	3,515	5,512	8,814
60-64	1,273	2,496	3,769	5,968
65-69	784	1,710	2,494	4,021
70-74	549	1,461	2,010	3,413
75-79	401	1,301	1,702	2,992
80 AND OVER	313	1,113	1,426	2,778
UNSPECIFIED AGE	238	174	412	656
TOTAL	37,846	57,216	95,062	153,903
BY AGE OF MALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	59	49	108	173
16-17	852	2,920	3,772	7,300
18-20	4,529	6,348	10,877	18,379
21-24	8,960	7,297	16,257	23,875
25-29	12,306	7,678	19,984	26,443
30-34	12,620	7,498	20,118	26,309
35-39	12,783	8,079	20,862	27,470
40-44	12,479	8,090	20,569	27,787
45-49	10,344	6,934	17,278	24,023
50-54	7,799	5,607	13,406	19,114
55-59	5,658	4,599	10,257	14,715
60-64	3,852	3,290	7,142	10,357
65-69	2,423	2,387	4,810	7,131
70-74	1,618	2,036	3,654	5,663
75-79	1,106	1,621	2,727	4,431
80 AND OVER	914	1,583	2,497	4,264
UNSPECIFIED AGE	1,108	473	1,581	2,048
TOTAL	99,410	76,489	175,899	249,482

Source: New York State Dept. of Motor Vehicles

TABLE 19A
**AGE AND GENDER OF DRIVERS INVOLVED
 IN MOTOR VEHICLE CRASHES - 2004**

BY AGE OF FEMALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	7	17	30	56
16-17	365	2,110	2,490	5,210
18-20	1,768	4,603	6,732	12,367
21-24	3,367	5,361	9,283	14,894
25-29	4,574	4,998	10,335	14,848
30-34	4,389	4,901	10,275	14,157
35-39	4,287	5,735	11,024	15,307
40-44	4,082	6,291	11,421	16,175
45-49	3,309	5,484	9,787	14,101
50-54	2,518	4,370	7,635	11,326
55-59	2,005	3,418	5,943	8,852
60-64	1,184	2,471	4,018	6,014
65-69	714	1,687	2,614	4,058
70-74	528	1,433	2,080	3,377
75-79	455	1,263	1,802	2,977
80 AND OVER	343	1,154	1,594	2,884
UNSPECIFIED AGE	248	196	572	621
TOTAL	34,143	55,492	97,635	147,224
BY AGE OF MALE DRIVER				
AGE	NY CITY	NY SUBURBS	NY METR. REGION	NY STATE
UNDER 16	45	46	91	149
16-17	668	2,714	3,382	6,493
18-20	4,017	6,100	10,117	17,493
21-24	7,538	7,220	14,758	22,035
25-29	10,384	7,164	17,548	23,703
30-34	10,620	6,789	17,409	23,175
35-39	10,791	7,290	18,081	24,176
40-44	10,750	7,879	18,629	25,497
45-49	9,398	6,941	16,339	22,985
50-54	7,326	5,608	12,934	18,454
55-59	5,531	4,537	10,068	14,614
60-64	3,480	3,253	6,733	10,027
65-69	2,263	2,258	4,521	6,875
70-74	1,445	1,874	3,319	5,207
75-79	1,034	1,631	2,665	4,397
80 AND OVER	932	1,668	2,600	4,357
UNSPECIFIED AGE	1,012	422	1,434	1,857
TOTAL	87,234	73,394	160,628	231,494

Source: New York State Dept. of Motor Vehicles

TABLE 20
**VEHICULAR/PEDESTRIAN CRASHES
 AT INTERSECTION**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	1,484	1,473	1,384	1,356	1,296	1,190	1,169	1,268	1,318	1,260	1,119
Kings	3,023	3,059	2,936	2,909	2,939	2,708	2,761	2,837	2,767	2,703	2,688
New York	3,256	3,045	3,031	2,977	2,872	2,549	2,288	2,325	2,419	2,440	2,439
Queens	1,877	1,978	1,849	1,769	1,877	1,721	1,641	1,744	1,533	1,608	1,575
Richmond	206	209	214	188	165	202	183	235	188	208	250
NEW YORK CITY	9,846	9,764	9,414	9,199	9,149	8,370	8,042	8,409	8,225	8,219	8,071
Dutchess	35	43	38	45	42	41	34	27	29	37	41
Nassau	567	562	551	578	554	614	577	519	550	537	602
Orange	50	53	55	59	41	57	54	48	67	53	70
Putnam	13	10	7	5	4	6	7	11	3	6	4
Rockland	56	69	54	61	48	67	69	52	50	58	81
Suffolk	309	271	315	283	293	286	248	276	263	275	323
Westchester	331	335	322	362	367	370	368	344	399	348	343
NEW YORK SUBURBS	1,361	1,343	1,342	1,393	1,349	1,441	1,357	1,277	1,361	1,314	1,464
DOWNSTATE NY	11,207	11,107	10,756	10,592	10,498	9,811	9,399	9,686	9,586	9,533	9,535
NEW YORK STATE	12,665	12,500	12,070	11,794	11,705	11,020	10,580	10,772	10,626	10,606	10,627
Downstate % of NYS	88.5	88.9	89.1	89.8	89.7	89.0	88.8	89.9	90.2	89.9	89.7

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001, 2002, 2003 and 2004 by Institute for Traffic Safety Management and Research

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	798	842	760	781	744	792	689	699	538	532	383
Kings	1,636	1,689	1,546	1,495	1,458	1,417	1,330	1,285	1,115	1,029	776
New York	1,312	1,356	1,291	1,193	1,227	1,088	1,191	1,061	771	670	653
Queens	1,001	983	1,082	930	983	1,019	900	865	681	559	477
Richmond	168	167	148	148	149	144	158	136	138	128	95
NEW YORK CITY	4,915	5,037	4,827	4,547	4,561	4,460	4,268	4,046	3,243	2,918	2,384
Dutchess	57	60	62	68	48	55	29	42	44	44	38
Nassau	495	464	417	448	462	418	447	445	393	404	371
Orange	136	101	81	83	64	100	99	68	81	95	82
Putnam	15	10	17	24	23	13	17	18	11	20	10
Rockland	106	101	84	98	79	84	81	95	73	81	64
Suffolk	416	378	345	353	317	342	345	304	323	306	243
Westchester	375	353	330	361	398	356	325	281	277	298	235
NEW YORK SUBURBS	1,600	1,467	1,336	1,435	1,391	1,368	1,343	1,253	1,202	1,248	1,043
DOWNSTATE NY	6,515	6,504	6,163	5,982	5,952	5,828	5,611	5,299	4,445	4,166	3,427
NEW YORK STATE	8,414	8,141	7,785	7,531	7,490	7,308	7,067	6,706	5,769	5,337	4,456
Downstate % of NYS	77.4	79.9	79.2	79.4	79.5	79.7	79.4	79.0	77.0	78.1	76.9

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001, 2002, 2003 and 2004 by Institute for Traffic Safety Management and Research

TABLE 22
**TOTAL PEDESTRIAN FATALITIES
IN VEHICULAR/PEDESTRIAN CRASHES**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	38	35	30	27	20	29	25	29	23	22	30
Kings	71	69	71	71	70	66	60	59	47	53	52
New York	60	65	56	54	42	37	50	39	36	41	35
Queens	52	57	49	66	48	48	38	45	41	38	30
Richmond	2	10	7	4	1	6	7	14	9	8	8
NEW YORK CITY	223	236	213	222	181	186	180	186	156	162	155
Dutchess	2	3	3	6	1	4	1	2	1	3	4
Nassau	31	31	17	31	34	47	28	34	38	28	34
Orange	3	4	3	6	2	8	1	3	9	4	2
Putnam	2	0	1	0	0	1	1	2	1	1	2
Rockland	8	4	1	4	3	8	4	3	6	5	3
Suffolk	23	42	29	25	43	34	33	30	23	41	41
Westchester	17	16	13	10	19	8	11	9	14	10	14
NEW YORK SUBURBS	86	100	67	82	102	110	79	83	92	92	100
DOWNSTATE NY	309	336	280	304	283	296	259	269	248	254	255
NEW YORK STATE	408	428	397	374	372	383	335	358	326	327	328
Downstate % of NYS	75.7	78.5	70.5	81.3	76.1	77.3	77.3	75.1	76.1	77.7	77.7

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	598	715	703	728	615	501	510	433	373	338	330
Kings	1,608	1,932	1,935	1,856	1,741	1,461	1,329	1,341	1,215	1,165	1,149
New York	1,491	1,557	1,570	1,666	1,476	1,342	1,153	1,140	1,019	906	906
Queens	895	995	966	1,009	949	863	735	705	586	507	555
Richmond	117	132	132	145	136	107	97	82	66	61	71
NEW YORK CITY	4,709	5,331	5,306	5,404	4,917	4,274	3,824	3,701	3,259	2,977	3,011
Dutchess	76	67	65	71	60	46	64	51	41	43	45
Nassau	685	700	622	646	645	598	584	577	521	472	490
Orange	79	86	94	90	90	77	75	78	64	59	43
Putnam	14	11	7	8	5	13	5	14	5	5	8
Rockland	65	65	71	63	68	70	52	51	40	39	45
Suffolk	589	627	551	601	627	592	527	520	448	456	450
Westchester	225	251	239	211	234	213	180	176	163	135	137
NEW YORK SUBURBS	1,733	1,807	1,649	1,690	1,729	1,609	1,487	1,467	1,282	1,209	1,218
DOWNSTATE NY	6,442	7,138	6,955	7,094	6,646	5,883	5,311	5,168	4,541	4,186	4,229
NEW YORK STATE	8,538	9,341	9,118	9,189	8,671	7,828	7,095	6,791	6,026	5,619	5,731
Downstate % of NYS	75.5	76.4	76.3	77.2	76.6	75.2	74.9	76.1	75.4	74.5	73.8

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Bronx	0	2	2	3	6	5	0	2	2	1	3
Kings	5	6	3	10	4	11	8	8	11	4	2
New York	6	6	8	4	3	5	2	4	4	8	2
Queens	4	6	3	2	5	6	4	0	1	3	8
Richmond	0	0	0	1	0	0	1	1	0	0	0
NEW YORK CITY	15	20	16	20	18	27	15	15	18	16	15
Dutchess	1	0	0	1	3	0	0	1	0	1	0
Nassau	7	4	2	2	2	2	2	3	3	5	2
Orange	0	2	0	1	1	0	3	2	2	2	1
Putnam	0	0	0	0	0	0	0	0	0	0	0
Rockland	0	0	2	1	0	1	0	0	0	1	1
Suffolk	5	6	9	6	10	4	5	8	4	4	7
Westchester	1	2	0	0	0	1	1	0	0	0	0
NEW YORK SUBURBS	14	14	13	11	16	8	11	14	9	13	11
DOWNSTATE NY	29	34	29	31	34	35	26	29	27	29	26
NEW YORK STATE	47	51	44	49	53	45	38	42	34	38	41
Downstate % of NYS	61.7	66.7	65.9	63.3	64.2	77.8	68.4	69.0	79.4	76.3	63.4

Source: New York State Dept. of Motor Vehicles

Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

TABLE 24A
**TOTAL BICYCLISTS KILLED OR INJURED
 IN VEHICULAR/BICYCLE CRASHES BY AGE
 2003**

	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	1	5	2	1	1	10	0	1	1	0	1	1	0	4	14	23
5 to 9	19	41	7	34	11	112	6	25	7	0	6	22	20	86	198	353
10 to 13	46	137	26	63	11	283	10	78	18	1	7	64	24	202	485	784
14 to 17	54	180	58	84	9	385	6	85	13	2	5	78	24	213	598	873
18 to 20	39	120	82	45	4	290	4	33	3	0	1	33	9	83	373	481
21 to 24	17	127	97	45	2	288	1	28	2	0	4	24	5	64	352	432
25 to 29	33	104	109	45	5	296	4	40	2	0	3	39	10	98	394	454
30 to 34	10	71	90	36	2	209	1	27	2	0	1	30	4	65	274	322
35 to 39	28	70	92	37	5	232	3	18	2	0	3	27	12	65	297	357
40 to 44	25	74	82	21	3	205	1	44	2	2	1	32	4	86	291	381
45 to 49	16	62	68	21	1	168	2	28	1	0	1	45	8	85	253	322
50 to 54	7	42	39	15	1	104	1	11	2	0	0	15	2	31	135	184
55 to 59	5	27	17	7	1	57	0	20	2	0	0	9	1	32	89	109
60 to 64	2	13	12	4	1	32	1	5	0	0	2	8	3	19	51	71
65 to 69	0	9	9	4	0	22	1	5	0	0	0	1	1	8	30	41
70 to 74	0	5	2	2	1	10	0	4	0	0	3	1	0	8	18	23
75 to 79	0	4	3	0	0	7	0	2	1	0	0	3	0	6	13	23
80 and over	0	0	0	1	0	1	0	3	0	0	0	0	0	3	4	12
Unknown age	36	74	111	42	3	266	2	15	1	0	1	24	8	51	317	374
Total	338	1,165	906	507	61	2,977	43	472	59	5	39	456	135	1,209	4,186	5,619

TABLE 24B
**TOTAL BICYCLISTS KILLED OR INJURED
 IN VEHICULAR/BICYCLE CRASHES BY AGE
 2004**

	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	2	6	3	1	0	12	0	1	0	0	0	2	1	4	16	25
5 to 9	14	40	6	35	7	102	0	24	5	0	3	23	8	63	165	285
10 to 13	43	133	25	73	14	288	6	67	12	1	9	62	21	178	466	781
14 to 17	54	162	50	97	17	380	13	94	8	2	7	88	23	235	615	927
18 to 20	29	101	78	37	1	246	1	44	2	0	5	32	7	91	337	454
21 to 24	40	105	126	46	1	318	2	29	3	1	0	29	7	71	389	469
25 to 29	18	107	102	45	2	274	1	32	1	0	2	30	8	74	348	402
30 to 34	16	88	98	32	3	237	2	32	1	1	2	25	12	75	312	376
35 to 39	15	89	91	30	5	230	2	29	2	0	1	32	9	75	305	380
40 to 44	23	68	86	37	4	218	4	36	5	1	3	38	8	95	313	385
45 to 49	14	63	60	26	3	166	4	26	2	1	4	32	9	78	244	331
50 to 54	17	36	37	23	1	114	3	20	0	0	3	17	7	50	164	216
55 to 59	6	29	18	10	1	64	3	13	0	1	1	14	5	37	101	144
60 to 64	2	18	19	7	1	47	1	5	0	0	0	5	4	15	62	75
65 to 69	3	15	6	8	1	33	1	5	0	0	0	1	1	8	41	47
70 to 74	3	11	3	4	1	22	0	5	0	0	1	1	0	7	29	38
75 to 79	0	2	1	2	1	6	0	5	0	0	1	0	1	7	13	17
80 and over	0	0	0	1	0	1	0	4	0	0	0	0	1	5	6	10
Unknown age	31	76	97	41	8	253	2	19	2	0	3	19	5	50	303	369
Total	330	1,149	906	555	71	3,011	45	490	43	8	45	450	137	1,218	4,229	5,731

TABLE 25
BRONX COUNTY
CRASHES BY JURISDICTION

	1995			1996			1997			1998			1999		
	Total Crashes	Fatal	Pers. Inj.	Total Crashes	Fatal	Pers. Inj.	Total Crashes	Fatal	Pers. Inj.	Total Crashes	Fatal	Pers. Inj.	Total	Fatal	Pers. Inj.
Total	13,568	74	11,249	12,899	54	10,611	13,114	72	10,904	13,272	49	11,071	17,950	59	11,960
State Routes	36	0	26	26	0	21	44	0	37	18	0	13	41	0	25
County Routes	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Town Routes	1	0	1	1	0	0	3	0	2	10	0	5	3	1	0
Municipal Streets	10,584	55	8,994	9,979	41	8,405	10,136	51	8,583	10,303	39	8,719	13,608	43	9,349
Parkways	705	6	542	723	3	574	729	9	564	731	2	590	911	5	582
Thruway	1	0	0	0	0	0	0	0	0	0	0	0	29	0	15
Other Interstate	2,203	13	1,673	2,138	10	1,600	2,177	12	1,713	2,197	8	1,739	3,347	10	1,984
Unspecified	38	0	13	32	0	11	25	0	5	13	0	5	9	0	5

	2000			2001			2002			2003			2004		
	Total	Fatal	Pers. Inj.	Total	Fatal	Pers. Inj.	Total	Fatal	Pers. Inj.	Total	Fatal	Pers. Inj.	Total	Fatal	Pers. Inj.
Total	19,953	49	13,194	17,864	55	12,447	14,653	58	11,978	13,662	46	10,957	11,623	53	9,086
State Routes	27	0	18	31	0	22	19	0	17	2	0	1	35	0	29
County Routes	3	0	2	3	0	2	4	0	3	1	0	1	3	0	2
Town Routes	5	0	3	28	0	20	66	0	58	39	0	34	102	0	88
Municipal Streets	15,384	33	10,587	13,905	41	9,997	11,407	35	9,532	10,766	34	8,773	9,002	40	7,146
Parkways	930	4	567	819	3	533	806	5	616	668	4	498	602	5	439
Thruway	15	0	9	0	0	0	2	0	2	1	0	0	6	0	5
Other Interstate	3,547	12	1,982	2,978	11	1,791	2,293	18	1,723	2,143	8	1,625	1,841	8	1,364
Unspecified	42	0	26	100	0	82	56	0	27	42	0	25	32	0	13

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001,2002 by Institute for Traffic Safety Management and Research

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

TABLE 26
**KINGS COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	30,129	117	26,286	28,504	109	25,062	28,768	134	25,559	30,081	115	26,720	35,782	114	26,511
State Routes	169	0	141	119	1	99	109	3	95	88	1	79	102	1	81
County Routes	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Town Routes	1	0	1	4	0	3	1	0	1	1	0	0	0	0	0
Municipal Streets	27,350	104	23,970	26,067	99	23,033	26,223	112	23,429	27,382	101	24,459	32,334	101	24,132
Parkways	1,299	9	1,084	1,147	5	969	1,275	9	1,078	1,303	11	1,099	1,562	9	1,169
Thruway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Interstate	1,279	4	1,074	1,161	4	953	1,148	10	950	1,280	2	1,071	1,746	3	1,104
Unspecified	31	0	16	6	0	5	12	0	6	27	0	12	37	0	24
	2000			2001			2002			2003			2004		
	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	38,151	105	27,190	33,370	111	25,229	27,736	92	23,698	24,909	85	20,983	22,119	86	18,371
State Routes	125	0	94	108	0	87	83	1	72	28	0	26	94	0	80
County Routes	9	0	2	3	0	2	5	1	4	33	0	32	1	0	1
Town Routes	2	0	1	63	0	58	82	0	67	289	0	235	41	1	36
Municipal Streets	34,472	92	24,845	29,988	100	22,776	24,962	79	21,481	22,269	77	18,863	19,984	78	16,650
Parkways	1,697	10	1,183	1,483	8	1,091	1,337	7	1,071	1,032	4	805	867	5	687
Thruway	2	0	1	0	0	0	2	0	2	0	0	0	0	0	0
Other Interstate	1,817	3	1,045	1,555	3	1,069	1,237	4	978	1,209	4	990	1,107	2	899
Unspecified	27	0	19	170	0	146	28	0	23	49	0	32	25	0	18
Source: New York State Dept. of Motor Vehicles															
Data compiled for 2001,2002 by Institute for Traffic Safety Management and Research															

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

TABLE 27
**NEW YORK COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	19,694	96	16,250	19,219	84	15,825	18,731	81	15,711	18,176	59	15,243	22,956	66	14,679
State Routes	51	0	28	40	0	26	40	0	26	37	1	23	56	0	31
County Routes	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0
Town Routes	3	0	3	3	0	3	0	0	0	2	0	0	2	0	2
Municipal Streets	17,298	83	14,541	16,805	73	14,128	16,671	67	14,168	16,085	51	13,630	20,297	53	13,078
Parkways	1,469	13	1,171	1,516	9	1,212	1,428	13	1,146	1,537	7	1,230	1,863	13	1,227
Thruway	0	0	0	0	0	0	0	0	0	2	0	1	3	0	2
Other Interstate	849	0	492	841	2	448	575	1	363	503	0	355	723	0	331
Unspecified	22	0	13	13	0	8	17	0	8	10	0	4	12	0	8

	2000			2001			2002			2003			2004		
	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	24,609	70	14,624	21,646	55	14,058	16,714	50	13,340	15,463	64	11,833	14,435	47	10,886
State Routes	77	0	36	79	0	53	100	0	67	71	0	46	59	0	36
County Routes	13	0	3	6	0	1	1	0	0	3	0	2	2	0	2
Town Routes	4	0	3	27	0	19	51	0	41	177	0	141	212	0	160
Municipal Streets	21,738	60	12,929	19,130	50	12,503	14,691	42	11,798	13,490	60	10,423	12,564	39	9,587
Parkways	2,150	10	1,349	1,828	5	1,161	1,481	7	1,180	1,303	3	999	1,266	8	940
Thruway	0	0	0	0	0	0	1	0	0	3	0	0	2	0	2
Other Interstate	608	0	291	447	0	216	322	1	216	238	1	131	208	0	95
Unspecified	19	0	13	129	0	105	67	0	38	178	0	91	122	0	64

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 28
**QUEENS COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	29,243	132	23,461	27,703	116	22,205	26,690	123	21,849	28,274	112	23,160	34,697	118	23,875
State Routes	46	0	34	35	0	26	32	0	25	22	0	15	58	1	31
County Routes	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
Town Routes	1	0	1	1	0	1	1	0	1	3	0	3	3	0	1
Municipal Streets	23,792	106	19,165	22,510	93	18,131	21,709	96	17,832	22,807	86	18,819	27,711	92	19,229
Parkways	2,555	9	2,036	2,385	10	1,899	2,384	12	1,968	2,550	10	2,064	3,394	13	2,342
Thruway	0	0	0	1	0	0	1	0	0	0	0	0	2	0	1
Other Interstate	2,820	17	2,212	2,756	13	2,139	2,538	15	2,014	2,850	16	2,245	3,498	12	2,259
Unspecified	29	0	13	15	0	9	25	0	9	41	0	14	30	0	12
	2000			2001			2002			2003			2004		
	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	36,578	100	24,459	33,574	104	23,456	28,911	108	22,655	25,688	103	19,565	22,478	79	16,855
State Routes	63	0	42	90	2	60	65	1	50	5	0	3	126	3	100
County Routes	8	0	4	4	0	2	3	0	3	2	0	2	1	0	1
Town Routes	3	0	3	99	0	73	191	0	159	59	1	43	29	1	18
Municipal Streets	29,315	75	19,780	26,471	78	18,667	22,760	85	17,915	20,472	85	15,580	17,661	54	13,284
Parkways	3,627	13	2,436	3,366	15	2,320	2,948	12	2,328	2,583	12	2,004	2,254	10	1,715
Thruway	2	0	2	0	0	0	12	0	9	1	0	0	0	0	0
Other Interstate	3,522	12	2,173	3,411	9	2,220	2,879	10	2,161	2,543	5	1,921	2,356	11	1,720
Unspecified	38	0	19	133	0	114	53	0	30	23	0	12	51	0	17

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 29
**RICHMOND COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	5,361	19	4,188	5,268	17	4,244	5,125	14	4,133	5,318	22	4,204	5,781	15	3,808
State Routes	109	3	69	119	0	96	75	1	55	109	2	85	127	1	70
County Routes	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Town Routes	2	0	1	0	0	0	1	0	1	0	0	0	1	0	1
Municipal Streets	4,659	15	3,667	4,543	16	3,672	4,529	12	3,656	4,696	16	3,724	4,952	12	3,344
Parkways	9	0	6	30	0	24	49	0	43	46	2	32	30	1	14
Thruway	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1
Other Interstate	569	1	439	562	1	445	460	1	373	456	2	357	663	1	375
Unspecified	13	0	6	13	0	7	11	0	5	11	0	6	6	0	3
	2000			2001			2002			2003			2004		
	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	6,258	24	3,805	6,183	27	3,976	5,298	20	3,857	5,227	22	3,712	4,894	23	3,462
State Routes	97	1	50	91	0	59	110	2	80	92	1	68	126	2	93
County Routes	0	0	0	13	0	7	0	0	0	4	0	2	0	0	0
Town Routes	0	0	0	14	0	9	20	0	15	62	1	45	6	0	4
Municipal Streets	5,307	20	3,315	5,256	24	3,431	4,613	18	3,342	4,494	19	3,178	4,270	16	3,009
Parkways	42	0	23	18	1	10	20	0	17	23	0	20	28	2	20
Thruway	1	0	1	0	0	0	1	0	1	1	0	0	0	0	0
Other Interstate	796	3	411	754	2	436	521	0	397	535	1	389	441	3	329
Unspecified	15	0	5	37	0	24	13	0	5	16	0	10	23	0	7

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 30
NEW YORK CITY
CRASHES BY JURISDICTION

	1995			1996			1997			1998			1999		
	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	97,995	438	81,434	93,593	380	77,947	92,428	424	78,156	95,121	357	80,398	117,166	372	80,831
State Routes	411	3	298	339	1	268	300	4	238	274	4	215	384	3	238
County Routes	2	0	2	1	0	0	0	0	0	1	0	0	5	0	1
Town Routes	8	0	7	9	0	7	6	0	5	16	0	8	9	1	4
Municipal Streets	83,683	363	70,337	79,904	322	67,369	79,268	338	67,668	81,273	293	69,351	98,902	301	69,130
Parkways	6,037	37	4,839	5,801	27	4,678	5,865	43	4,799	6,167	32	5,015	7,760	41	5,334
Thruway	1	0	0	2	0	0	1	0	0	2	0	1	35	0	19
Other Interstate	7,720	35	5,890	7,458	30	5,585	6,898	39	5,413	7,286	28	5,767	9,977	26	6,053
Unspecified	133	0	61	79	0	40	90	0	33	102	0	41	94	0	52
	2000			2001			2002			2003			2004		
	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	125,549	348	83,272	112,637	352	79,166	93,312	328	75,528	84,949	320	67,050	75,549	288	58,660
State Routes	389	1	240	399	2	281	377	4	286	198	1	144	440	5	338
County Routes	33	0	11	29	0	14	13	1	10	43	0	39	7	0	6
Town Routes	14	0	10	231	0	179	410	0	340	626	2	498	390	2	306
Municipal Streets	106,216	280	71,456	94,750	293	67,374	78,433	259	64,068	71,491	275	56,817	63,481	227	49,676
Parkways	8,446	37	5,558	7,514	32	5,115	6,592	31	5,212	5,609	23	4,326	5,017	30	3,801
Thruway	20	0	13	0	0	0	18	0	14	6	0	0	8	0	7
Other Interstate	10,290	30	5,902	9,145	25	5,732	7,252	33	5,475	6,668	19	5,056	5,953	24	4,407
Unspecified	141	0	82	569	0	471	217	0	123	308	0	170	253	0	119
Source: New York State Dept. of Motor Vehicles Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research															

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

TABLE 31
**DUTCHESS COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	4,116	30	2,800	4,512	22	2,900	4,731	31	2,829	5,815	27	2,646	6,577	29	2,818
State Routes	2,025	14	1,408	2,283	11	1,520	2,384	17	1,464	2,963	11	1,397	3,262	16	1,467
County Routes	724	5	510	713	2	467	801	5	461	1,033	8	450	1,152	5	470
Town Routes	573	2	358	580	1	347	563	2	327	743	5	302	832	2	324
Municipal Streets	449	3	332	523	2	360	547	1	377	561	2	325	605	1	338
Parkways	221	5	120	247	6	122	270	4	111	294	1	89	424	2	129
Thruway	1	0	1	0	0	0	1	0	1	3	0	1	5	0	1
Other Interstate	110	1	68	143	0	80	135	2	76	151	0	65	211	3	71
Unspecified	13	0	3	23	0	4	30	0	12	67	0	17	86	0	18

	2000			2001			2002			2003			2004		
	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	7,041	29	2,755	5,921	39	2,639	4,166	15	2,650	4,524	32	2,742	4,446	39	2,686
State Routes	3,449	14	1,427	3,041	17	1,417	2,014	6	1,329	2,273	17	1,417	2,245	23	1,371
County Routes	1,190	10	453	778	9	364	527	2	331	561	6	366	500	5	326
Town Routes	991	4	371	931	6	392	783	5	467	782	5	443	801	5	462
Municipal Streets	641	0	294	672	0	321	482	1	334	474	1	317	468	4	318
Parkways	425	1	114	255	6	67	171	1	102	226	1	101	186	0	83
Thruway	4	0	0	0	0	0	5	0	2	4	0	2	1	0	1
Other Interstate	265	0	81	166	1	53	117	0	70	130	2	78	128	1	84
Unspecified	76	0	15	78	0	25	67	0	15	74	0	18	117	1	41

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 32
**NASSAU COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	24,196	101	16,997	23,951	75	16,884	26,598	112	16,828	33,100	101	16,933	35,212	123	16,681
State Routes	5,470	27	3,970	5,416	20	3,916	5,898	31	3,818	7,010	21	3,757	7,704	33	3,749
County Routes	48	0	38	21	0	13	22	1	10	35	0	22	82	0	33
Town Routes	8,621	39	5,895	8,455	25	5,819	9,776	44	5,867	12,678	39	6,089	13,035	46	5,751
Municipal Streets	6,995	23	4,988	6,751	15	4,856	7,354	20	4,724	8,959	20	4,760	9,503	21	4,745
Parkways	2,190	9	1,558	2,367	14	1,708	2,496	13	1,801	3,384	20	1,808	3,757	23	1,887
Thruway	4	0	3	5	0	3	3	0	2	4	0	1	1	0	1
Other Interstate	690	3	496	757	1	532	888	3	558	894	1	446	964	0	470
Unspecified	178	0	49	179	0	37	161	0	48	136	0	50	166	0	45

	2000			2001			2002			2003			2004		
	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	37,716	94	17,304	32,297	93	16,528	25,305	110	16,959	24,461	104	16,172	23,675	110	15,492
State Routes	8,346	33	3,999	6,796	33	3,765	5,001	35	3,508	4,844	22	3,397	4,780	28	3,285
County Routes	105	0	57	133	1	75	131	0	96	98	0	79	103	1	81
Town Routes	13,875	26	5,911	12,522	29	6,006	9,592	31	6,348	9,193	40	6,042	8,795	45	5,702
Municipal Streets	10,135	22	4,893	8,432	18	4,402	7,021	28	4,691	6,644	27	4,252	6,356	19	4,117
Parkways	4,018	8	1,903	3,379	9	1,799	2,473	15	1,741	2,649	15	1,855	2,461	16	1,660
Thruway	8	0	2	0	0	0	6	0	3	2	0	0	0	0	0
Other Interstate	1,081	5	500	749	3	368	637	1	434	613	0	421	752	1	493
Unspecified	148	0	39	286	0	113	444	0	138	418	0	126	428	0	154

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 33
**ORANGE COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	5,260	35	3,631	5,404	37	3,674	5,528	39	3,324	6,866	31	3,364	8,204	43	3,511
State Routes	2,387	19	1,672	2,515	16	1,784	2,435	18	1,501	3,223	19	1,617	3,776	25	1,648
County Routes	682	4	464	713	8	478	766	7	457	837	6	431	1,060	2	465
Town Routes	717	7	493	615	5	402	705	6	420	874	1	395	1,156	5	435
Municipal Streets	1,010	1	731	995	1	684	1,074	5	671	1,280	3	655	1,429	5	688
Parkways	32	0	20	51	0	31	38	0	22	35	0	17	50	1	18
Thruway	181	2	100	197	2	124	196	1	100	270	1	115	352	3	107
Other Interstate	224	2	140	249	5	148	229	2	125	271	1	116	337	2	138
Unspecified	27	0	11	69	0	23	85	0	28	76	0	18	44	0	12
	2000			2001			2002			2003			2004		
	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	9,604	30	3,662	8,183	36	3,524	5,870	43	3,831	5,886	47	3,701	5,652	39	3,681
State Routes	4,317	15	1,726	3,569	21	1,629	2,648	21	1,752	2,560	28	1,659	2,662	17	1,806
County Routes	1,114	6	435	714	4	274	465	2	320	471	1	285	503	5	302
Town Routes	1,410	4	489	1,450	4	594	997	7	622	1,073	8	626	930	8	570
Municipal Streets	1,836	0	723	1,606	2	696	1,129	2	787	1,124	7	751	979	3	683
Parkways	60	0	17	45	1	23	28	0	19	41	0	27	21	0	11
Thruway	385	1	117	309	4	118	242	4	138	186	1	120	198	0	121
Other Interstate	401	4	142	339	0	141	266	6	169	288	2	180	233	6	145
Unspecified	81	0	13	151	0	49	95	1	24	143	0	53	126	0	43

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 34
**PUTNAM COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	1,545	12	960	1,688	16	1,030	1,773	13	1,033	1,936	12	910	2,141	15	954
State Routes	790	7	505	778	9	513	874	4	537	910	3	463	848	10	409
County Routes	253	2	177	296	2	194	305	4	195	344	2	183	382	2	184
Town Routes	255	0	149	283	0	155	245	0	139	291	3	131	370	1	181
Municipal Streets	9	0	4	15	0	6	32	0	11	23	0	13	21	0	9
Parkways	94	0	52	164	4	87	137	2	57	182	0	50	222	1	81
Thruway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Interstate	135	3	70	140	1	75	174	3	93	173	4	66	284	1	86
Unspecified	9	0	3	12	0	0	6	0	1	13	0	4	14		4
	2000			2001			2002			2003			2004		
	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	2,649	10	959	2,344	10	950	1,531	12	874	1,569	12	882	1,643	8	905
State Routes	1,208	7	486	1,119	5	493	653	7	409	707	5	425	714	4	393
County Routes	397	1	160	259	2	114	136	3	84	190	2	120	172	2	111
Town Routes	464	1	158	534	0	195	386	2	200	360	2	177	393	1	215
Municipal Streets	35	0	10	27	0	5	48	0	9	23	0	3	33	0	9
Parkways	242	0	63	153	2	63	124	0	73	131	2	72	125	0	68
Thruway	0	0	0	0	0	0	2	0	2	3	0	2	3	0	2
Other Interstate	288	1	80	230	1	78	144	0	89	113	1	68	171	1	102
Unspecified	15	0	2	22	0	2	38	0	8	42	0	15	32	0	5
Source: New York State Dept. of Motor Vehicles Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research															

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

TABLE 35
**ROCKLAND COUNTY
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	4,722	20	3,162	4,935	14	3,206	4,748	26	2,998	5,279	26	2,849	6,395	22	2,929
State Routes	1,761	5	1,244	1,781	8	1,265	1,806	11	1,183	1,986	11	1,176	2,216	13	1,119
County Routes	842	6	546	936	1	593	810	4	514	861	2	484	1,024	3	470
Town Routes	908	4	559	883	1	504	830	3	489	883	4	447	1,089	0	454
Municipal Streets	506	1	362	543	1	365	542	1	354	608	2	320	653	2	322
Parkways	338	4	206	370	2	215	350	4	219	355	3	191	585	3	255
Thruway	332	0	233	394	1	256	380	3	226	558	4	224	791	1	298
Other Interstate	13	0	5	9	0	3	6	0	4	3	0	1	5	0	2
Unspecified	22	0	7	19	0	5	24	0	9	25	0	6	32	0	9

	2000			2001			2002			2003			2004		
	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	7,262	18	3,160	6,069	20	2,990	4,702	25	2,970	4,685	18	2,928	4,517	29	2,853
State Routes	2,534	6	1,219	2,100	6	1,153	1,661	7	1,128	1,757	7	1,151	1,612	15	1,077
County Routes	1,002	3	469	542	2	267	517	2	330	327	0	214	567	2	365
Town Routes	1,265	0	522	1,419	4	675	1,100	6	633	1,195	4	693	854	4	457
Municipal Streets	761	2	353	762	3	377	551	1	375	589	2	398	493	1	324
Parkways	728	2	260	371	2	161	266	6	163	255	2	144	335	4	208
Thruway	893	5	312	749	3	309	491	3	306	313	3	193	486	3	338
Other Interstate	10	0	2	12	0	5	5	0	1	163	0	114	6	0	2
Unspecified	69	0	23	114	0	43	111	0	34	86	0	21	164	0	82

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 36
SUFFOLK COUNTY
CRASHES BY JURISDICTION

	1995			1996			1997			1998			1999		
	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	21,630	166	15,483	21,732	153	15,602	23,261	147	14,656	29,642	162	14,974	31,405	153	14,619
State Routes	7,573	52	5,356	7,643	54	5,497	8,084	48	5,110	10,053	54	5,134	10,596	61	5,023
County Routes	4,790	41	3,603	4,890	45	3,722	5,483	48	3,670	6,851	40	3,756	7,279	44	3,661
Town Routes	7,024	51	4,997	6,984	41	4,898	7,422	41	4,484	9,871	43	4,710	10,222	32	4,505
Municipal Streets	796	6	542	796	4	532	856	3	485	1,121	7	475	1,325	1	500
Parkways	705	10	520	665	4	476	616	3	429	693	9	391	886	9	451
Thruway	2	0	2	0	0	0	0	0	0	0	0	0	1	0	1
Other Interstate	567	6	399	623	5	437	689	4	442	901	9	478	945	6	447
Unspecified	173	0	64	131	0	40	111	0	36	152	0	30	151	0	31

	2000			2001			2002			2003			2004		
	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	34,854	151	15,233	30,518	164	15,055	22,742	151	15,583	22,356	155	14,894	22,044	158	14,701
State Routes	11,510	50	5,225	10,004	59	5,165	7,436	59	5,162	7,467	54	5,061	7,300	48	4,948
County Routes	7,838	43	3,710	6,096	33	3,122	3,094	29	2,236	3,637	34	2,606	3,732	41	2,673
Town Routes	11,785	46	4,782	10,997	49	5,188	9,348	49	6,414	8,167	52	5,431	7,676	53	5,176
Municipal Streets	1,437	2	512	1,282	9	530	1,082	5	670	757	5	442	814	4	477
Parkways	1,040	6	489	902	7	473	749	4	521	661	7	447	799	7	559
Thruway	2	0	0	0	0	0	5	0	3	1	0	0	1	0	1
Other Interstate	1,044	4	455	911	4	464	604	5	426	740	2	493	836	5	539
Unspecified	198	0	60	326	3	113	424	0	151	926	1	414	886	0	328

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 37
**WESTCHESTER COUNTY
 CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	13,502	65	8,683	13,992	63	8,822	14,097	54	8,577	16,310	52	8,646	17,451	51	8,408
State Routes	3,847	27	2,492	4,001	20	2,546	4,219	21	2,551	4,836	13	2,502	5,175	16	2,389
County Routes	1,345	6	890	1,321	2	889	1,226	5	781	1,374	3	823	1,213	4	691
Town Routes	1,052	4	607	1,076	5	568	1,149	1	588	1,351	4	561	1,572	7	587
Municipal Streets	4,316	11	2,759	4,349	12	2,767	4,078	9	2,653	4,551	13	2,878	4,896	12	2,899
Parkways	1,671	10	1,144	1,798	18	1,178	2,005	10	1,194	2,420	11	1,103	2,445	6	1,019
Thruway	614	5	434	733	2	506	644	2	407	710	6	357	946	2	452
Other Interstate	524	2	311	575	4	332	628	6	358	846	2	351	990	3	335
Unspecified	133	0	46	139	0	36	148	0	45	222	0	71	214	1	36
	2000			2001			2002			2003			2004		
	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	19,153	56	8,672	17,359	54	8,426	14,060	72	8,429	13,612	52	8,040	12,499	59	7,240
State Routes	5,421	20	2,399	4,755	15	2,271	3,297	24	1,970	3,230	14	1,936	2,972	15	1,729
County Routes	1,126	3	595	844	2	461	631	3	394	546	3	361	801	4	491
Town Routes	1,866	4	655	1,958	2	856	1,721	4	911	1,924	6	941	1,768	4	908
Municipal Streets	5,277	6	2,941	5,423	10	3,013	5,298	13	3,281	5,018	15	3,026	4,101	16	2,339
Parkways	2,942	14	1,232	2,141	13	978	1,583	19	1,052	1,522	6	962	1,503	12	988
Thruway	1,058	4	379	980	4	418	639	7	401	548	6	413	530	0	388
Other Interstate	1,252	5	430	958	8	343	584	2	351	600	1	351	596	8	325
Unspecified	211	0	41	300	0	86	307	0	69	224	1	50	228	0	72

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

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

	1995			1996			1997			1998			1999		
	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	74,971	429	51,716	76,214	380	52,118	80,736	422	50,245	98,948	411	50,322	107,385	436	49,920
State Routes	23,853	151	16,647	24,417	138	17,041	25,700	150	16,164	30,981	132	16,046	33,577	174	15,804
County Routes	8,684	64	6,228	8,890	60	6,356	9,413	74	6,088	11,335	61	6,149	12,192	60	5,974
Town Routes	19,150	107	13,058	18,876	78	12,693	20,690	97	12,314	26,691	99	12,635	28,276	93	12,237
Municipal Streets	14,081	45	9,718	13,972	35	9,570	14,483	39	9,275	17,103	47	9,426	18,432	42	9,501
Parkways	5,251	38	3,620	5,662	48	3,817	5,912	36	3,833	7,363	44	3,649	8,369	45	3,840
Thruway	1,134	7	773	1,329	5	889	1,224	6	736	1,545	11	698	2,096	6	860
Other Interstate	2,263	17	1,489	2,496	16	1,607	2,749	20	1,656	3,239	17	1,523	3,736	15	1,549
Unspecified	555	0	183	572	0	145	565	0	179	691	0	196	707	1	155

	2000			2001			2002			2003			2004		
	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	118,279	388	51,745	102,691	416	50,112	78,376	428	51,296	77,093	420	49,359	74,476	442	47,558
State Routes	36,785	145	16,481	31,384	156	15,893	22,710	159	15,258	22,838	147	15,046	22,285	150	14,609
County Routes	12,772	66	5,879	9,366	53	4,677	5,501	41	3,791	5,830	46	4,031	6,378	60	4,349
Town Routes	31,656	85	12,888	29,811	94	13,906	23,927	104	15,595	22,694	117	14,353	21,217	120	13,490
Municipal Streets	20,122	32	9,726	18,204	42	9,344	15,611	50	10,147	14,629	57	9,189	13,244	47	8,267
Parkways	9,455	31	4,078	7,246	40	3,564	5,394	45	3,671	5,485	33	3,608	5,430	39	3,577
Thruway	2,350	10	810	2,038	11	845	1,390	14	855	1,057	10	730	1,219	3	851
Other Interstate	4,341	19	1,690	3,365	17	1,452	2,357	14	1,540	2,647	8	1,705	2,722	22	1,690
Unspecified	798	0	193	1,277	3	431	1,486	1	439	1,913	2	697	1,981	1	725

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 39
**DOWNSTATE NEW YORK
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	172,966	867	133,150	169,807	760	130,065	173,164	846	128,401	194,069	768	130,720	224,551	808	130,751
State Routes	24,264	154	16,945	24,756	139	17,309	26,000	154	16,402	31,255	136	16,261	33,961	177	16,042
County Routes	8,686	64	6,230	8,891	60	6,356	9,413	74	6,088	11,336	61	6,149	12,197	60	5,975
Town Routes	19,158	107	13,065	18,885	78	12,700	20,696	97	12,319	26,707	99	12,643	28,285	94	12,241
Municipal Streets	97,764	408	80,055	93,876	357	76,939	93,751	377	76,943	98,376	340	78,777	117,334	343	78,631
Parkways	11,288	75	8,459	11,463	75	8,495	11,777	79	8,632	13,530	76	8,664	16,129	86	9,174
Thruway	1,135	7	773	1,331	5	889	1,225	6	736	1,547	11	699	2,131	6	879
Other Interstate	9,983	52	7,379	9,954	46	7,192	9,647	59	7,069	10,525	45	7,290	13,713	41	7,602
Unspecified	688	0	244	651	0	185	655	0	212	793	0	237	801	1	207
	2000			2001			2002			2003			2004		
	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	243,828	736	135,017	215,328	768	129,278	171,688	756	126,824	162,042	740	116,409	150,025	730	106,218
State Routes	37,174	146	16,721	31,783	158	16,174	23,087	163	15,544	23,036	148	15,190	22,725	155	14,947
County Routes	12,805	66	5,890	9,395	53	4,691	5,514	42	3,801	5,873	46	4,070	6,385	60	4,355
Town Routes	31,670	85	12,898	30,042	94	14,085	24,337	104	15,935	23,320	119	14,851	21,607	122	13,796
Municipal Streets	126,338	312	81,182	112,954	335	76,718	94,044	309	74,215	86,120	332	66,006	76,725	274	57,943
Parkways	17,901	68	9,636	14,760	72	8,679	11,986	76	8,883	11,094	56	7,934	10,447	69	7,378
Thruway	2,370	10	823	2,038	11	845	1,408	14	869	1,063	10	730	1,227	3	858
Other Interstate	14,631	49	7,592	12,510	42	7,184	9,609	47	7,015	9,315	27	6,761	8,675	46	6,097
Unspecified	939	0	275	1,846	3	902	1,703	1	562	2,221	2	867	2,234	1	844

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 40
**NEW YORK STATE
CRASHES BY JURISDICTION**

	1995			1996			1997			1998			1999		
	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	252,663	1,545	188,926	249,911	1,446	185,289	262,965	1,487	182,188	305,827	1,391	181,438	355,915	1,451	182,408
State Routes	57,184	499	40,151	58,454	496	40,634	63,449	496	39,198	77,406	448	37,526	89,026	497	38,177
County Routes	21,353	214	15,165	21,733	205	15,246	23,941	209	14,726	29,398	217	14,299	33,144	232	14,004
Town Routes	26,730	188	18,153	26,321	158	17,555	29,387	170	17,356	37,274	160	17,222	41,289	163	16,995
Municipal Streets	119,405	476	95,802	114,903	424	92,118	116,777	432	91,326	127,583	403	92,748	150,049	387	92,391
Parkways	11,408	75	8,523	11,608	77	8,574	11,948	81	8,693	13,754	76	8,721	16,428	87	9,246
Thruway	2,774	26	1,725	2,989	19	1,881	3,229	23	1,706	4,075	27	1,649	5,419	23	1,857
Other Interstate	12,695	67	9,039	12,771	67	8,946	13,013	76	8,828	14,767	60	8,830	18,918	61	9,340
Unspecified	1,114	0	368	1,132	0	335	1,221	0	355	1,570	0	443	1,642	1	398

	2000			2001			2002			2003			2004		
	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	391,064	1,355	188,425	331,979	1,431	178,772	253,710	1,390	179,132	246,926	1,351	167,514	232,758	1,369	154,980
State Routes	98,058	453	39,421	78,269	489	36,384	53,608	464	35,820	56,196	464	36,233	54,995	470	34,712
County Routes	36,151	205	14,222	23,106	183	10,576	14,688	161	9,730	15,014	138	9,732	16,036	174	10,109
Town Routes	47,618	164	18,137	47,022	203	20,911	37,411	210	24,009	36,717	234	22,218	34,195	223	20,759
Municipal Streets	162,121	366	95,097	142,085	375	89,795	114,624	370	88,068	106,279	370	78,651	95,735	325	69,899
Parkways	18,216	68	9,712	14,933	73	8,742	12,330	76	9,072	11,401	59	8,104	10,670	71	7,484
Thruway	6,132	27	1,853	4,820	34	1,767	3,281	26	1,947	2,887	28	1,818	3,072	23	1,891
Other Interstate	20,716	72	9,464	17,638	70	9,074	13,451	78	9,263	13,350	54	9,120	12,960	79	8,495
Unspecified	2,052	0	519	4,106	4	1,523	4,317	5	1,223	5,082	4	1,638	5,095	4	1,631

Source: New York State Dept. of Motor Vehicles
Data compiled for 2001, 2002 and 2003 by Institute for Traffic Safety Management and Research

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

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

	1995			1996			1997			1998			1999		
	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	68.5	56.1	70.5	67.9	52.6	70.2	65.9	56.9	70.5	63.5	55.2	72.0	62.9	55.3	71.5
State Routes	42.4	30.9	42.2	42.4	28.0	42.6	41.0	31.0	41.8	40.4	30.4	43.3	38.1	35.6	42.0
County Routes	40.7	29.9	41.1	40.9	29.3	41.7	39.3	35.4	41.3	38.6	28.1	43.0	36.8	25.9	42.7
Town Routes	71.7	56.9	72.0	71.7	49.4	72.3	70.4	57.1	71.0	71.7	61.9	73.4	68.5	57.7	72.0
Municipal Streets	81.9	85.7	83.6	81.7	84.2	83.5	80.3	87.3	84.3	77.1	84.4	84.9	78.2	88.6	85.1
Parkways	98.9	100.0	99.2	98.8	97.4	99.1	98.6	97.5	99.3	98.4	100.0	99.3	98.2	98.9	99.2
Thruway	40.9	26.9	44.8	44.5	26.3	47.3	37.9	26.1	43.1	38.0	40.7	42.4	39.3	26.1	47.3
Other Interstate	78.6	77.6	81.6	77.9	68.7	80.4	74.1	77.6	80.1	71.3	75.0	82.6	72.5	67.2	81.4
Unspecified	61.8	0.0	66.3	57.5	0.0	55.2	53.6	0.0	59.7	50.5	0.0	53.5	48.8	100.0	52.0

	2000			2001			2002			2003			2004		
	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	62.2	54.2	71.5	64.9	53.7	72.3	67.7	54.4	70.8	65.6	54.8	69.5	64.5	53.3	68.5
State Routes	37.9	32.2	42.4	40.6	32.3	44.5	43.1	35.1	43.4	41.0	31.9	41.9	41.3	33.0	43.1
County Routes	35.4	32.2	41.4	40.7	29.0	44.4	37.5	26.1	39.1	39.1	33.3	41.8	39.8	34.5	43.1
Town Routes	66.5	51.8	71.1	63.9	46.3	67.4	65.1	49.5	66.4	63.5	50.9	66.8	63.2	54.7	66.5
Municipal Streets	77.9	85.2	85.4	79.5	89.3	85.4	82.0	83.5	84.3	81.0	89.7	83.9	80.1	84.3	82.9
Parkways	98.3	100.0	99.2	98.8	98.6	99.3	97.2	100.0	97.9	97.3	94.9	97.9	97.9	97.2	98.6
Thruway	38.6	37.0	44.4	42.3	32.4	47.8	42.9	53.8	44.6	36.8	35.7	40.2	39.9	13.0	45.4
Other Interstate	70.6	68.1	80.2	70.9	60.0	79.2	71.4	60.3	75.7	69.8	50.0	74.1	66.9	58.2	71.8
Unspecified	45.8	0.0	53.0	45.0	75.0	59.2	39.4	20.0	46.0	43.7	50.0	52.9	43.8	25.0	51.7

Source: New York State Dept. of Motor Vehicles
 Data compiled for 2001 and 2002 by Institute for Traffic Safety Management and Research

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

TABLE 42A
2003 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	2	13,660	0	1.0	16.1	0.0
Kings	19.1	1,491.5	0.0	13.6	25.7	0.0	28	24,881	0	14.1	29.4	0.0
New York	14.5	517.3	0.0	10.3	8.9	0.0	71	15,392	0	35.9	18.2	0.0
Queens	54.1	2,353.3	0.0	38.4	40.5	0.0	5	25,683	0	2.5	30.3	0.0
Richmond	21.5	711.7	0.0	15.3	12.3	0.0	92	5,135	0	46.5	6.1	0.0
NEW YORK CITY	140.9	5,808.0	0.0	100.0	100.0	0.0	198	84,751	0	100.0	100.0	0.0
Dutchess	370.5	1,597.9	393.2	17.1	9.3	18.7	2,273	1,690	561	10.0	3.5	9.6
Nassau	214.1	3,404.7	499.5	9.9	19.8	23.8	4,844	19,519	98	21.2	40.3	1.7
Orange	398.1	1,725.7	314.9	18.4	10.0	15.0	2,560	2,855	471	11.2	5.9	8.1
Putnam	133.8	572.2	117.5	6.2	3.3	5.6	707	672	190	3.1	1.4	3.3
Rockland	98.2	826.8	168.4	4.5	4.8	8.0	1,757	2,601	327	7.7	5.4	5.6
Suffolk	497.6	6,371.3	432.3	23.0	37.0	20.6	7,467	11,252	3,637	32.7	23.2	62.4
Westchester	452.1	2,705.2	175.8	20.9	15.7	8.4	3,230	9,836	546	14.1	20.3	9.4
NEW YORK SUBURBS	2,164.3	17,203.8	2,101.7	100.0	100.0	100.0	22,838	48,425	5,830	100.0	100.0	100.0
DOWNSTATE NY	2,305.2	23,011.8	2,101.7				23,036	133,176	5,830			
NEW YORK STATE	15,656.6	76,073.0	20,393.3				56,196	175,716	15,014			
Downstate % of NYS	14.7	30.2	10.3				41.0	75.8	38.8			
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:

- 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.
- 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.
- Accidents by county and route are the number of accidents by county for route type. For example, Kings county had 28 accidents on state routes while Dutchess had 2,273 accidents on state routes. But Kings county has 19.1 miles of state route while Dutchess has 370.5 miles of state route.
- Percent of accidents by county and route indicates the percent of accidents by route in an area. For example the Bronx had 1.0% of the accidents in New York City on state routes.
- To put all these figures in perspective examine the Bronx and New York county figures for state routes.
The Bronx has 22.5% of the New York City state route roads but only 1.0% of the accidents on New York City state route roads.
New York county has 10.3% of the New York City state route roads but 35.9% of the accidents on New York City state route roads.

TABLE 42B
2004 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	35	11,588	0	8.0	15.4	0.0
Kings	19.1	1,491.5	0.0	13.6	25.7	0.0	94	22,025	0	21.4	29.3	0.0
New York	14.5	517.3	0.0	10.3	8.9	0.0	59	14,376	0	13.4	19.1	0.0
Queens	54.1	2,353.3	0.0	38.4	40.5	0.0	126	22,352	0	28.6	29.8	0.0
Richmond	21.5	711.7	0.0	15.3	12.3	0.0	126	4,768	0	28.6	6.3	0.0
NEW YORK CITY	140.9	5,808.0	0.0	100.0	100.0	0.0	440	75,109	0	100.0	100.0	0.0
Dutchess	370.5	1,597.9	393.2	17.1	9.3	18.7	2,245	1,701	500	10.1	3.7	7.8
Nassau	214.1	3,404.7	499.5	9.9	19.8	23.8	4,780	18,792	103	21.4	41.0	1.6
Orange	398.1	1,725.7	314.9	18.4	10.0	15.0	2,662	2,487	503	11.9	5.4	7.9
Putnam	133.8	572.2	117.5	6.2	3.3	5.6	714	757	172	3.2	1.7	2.7
Rockland	98.2	826.8	168.4	4.5	4.8	8.0	1,612	2,338	567	7.2	5.1	8.9
Suffolk	497.6	6,371.3	432.3	23.0	37.0	20.6	7,300	11,012	3,732	32.8	24.0	58.5
Westchester	452.1	2,705.2	175.8	20.9	15.7	8.4	2,972	8,726	801	13.3	19.0	12.6
NEW YORK SUBURBS	2,164.3	17,203.8	2,101.7	100.0	100.0	100.0	22,285	45,813	6,378	100.0	100.0	100.0
DOWNSTATE NY	2,305.2	23,011.8	2,101.7				22,725	120,922	6,378			
NEW YORK STATE	15,656.6	76,073.0	20,393.3				54,995	161,727	16,036			
Downstate % of NYS	14.7	30.2	10.3				41.3	74.8	39.8			
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:

- 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.
- 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.
- Accidents by county and route are the number of accidents by county for route type. For example, Kings county had 94 accidents on state routes while Dutchess had 2,245 accidents on state routes. But Kings county has 19.1 miles of state route while Dutchess has 370.5 miles of state route.
- Percent of accidents by county and route indicates the percent of accidents by route in an area. For example the Bronx had 8.0% of the accidents in New York City on state routes.
- To put all these figures in perspective examine the Bronx and Nassau county figures for state routes.
The Bronx has 22.5% of the New York City state route roads but only 8.0% of the accidents on New York City state route roads.
Nassau county has 9.9% of the suburb state route roads but 21.4% of the accidents on suburban state route roads.

TABLE 43
TWO VEHICLE CRASHES
BY MANNER OF COLLISION

	2002			2003			2004		
	New York State	Suburbs	New York City	New York State	Suburbs	New York City	New York State	Suburbs	New York City
Rear End	54,064	19,504	20,426	49,933	17,912	17,659	47,450	17,934	15,302
Overtaking	10,094	2,745	5,483	7,892	2,100	4,347	7,661	2,101	3,967
Left Turn	14,838	5,508	4,809	14,057	5,128	4,412	14,030	5,135	4,011
Right Angle	35,192	10,744	14,298	30,185	9,359	11,622	28,023	8,942	10,113
Right Turn	3,323	1,093	1,359	3,440	1,263	1,200	3,448	1,253	1,173
Head On	2,328	821	622	2,556	932	642	3,071	1,144	749
Sideswipe	2,966	958	1,086	3,904	1,133	1,660	3,929	1,236	1,449
All Other	5,072	1,697	1,929	2,435	718	933	1,819	506	694
Unknown	36,138	11,590	13,979	44,602	14,703	15,369	37,619	12,767	12,604
	164,015	54,660	63,991	159,004	53,248	57,844	147,050	51,018	50,062

Data compiled for 2002, 2003, and 2004 by Institute for Traffic Safety Management and Research
 Two vehicle accidents include parked vehicles

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 2002 are not strictly comparable to 2003 and 2004 data.

TABLE 44A
2003 VEHICLE CRASHES
BY DAY OF WEEK

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Bronx	1,581	1,928	1,913	1,986	1,958	2,272	2,024
Kings	3,096	3,636	3,566	3,687	3,475	3,963	3,486
New York	1,950	2,191	2,151	2,231	2,207	2,527	2,206
Queens	3,149	3,558	3,719	3,858	3,587	4,173	3,644
Richmond	538	790	797	759	747	880	716
NEW YORK CITY	10,314	12,103	12,146	12,521	11,974	13,815	12,076
Dutchess	494	651	626	682	656	770	645
Nassau	2,434	3,598	3,770	3,795	3,730	3,997	3,137
Orange	676	846	927	846	820	1,023	748
Putnam	184	227	226	238	228	256	210
Rockland	554	714	694	697	649	815	562
Suffolk	2,442	3,254	3,272	3,263	3,309	3,876	2,940
Westchester	1,484	1,996	1,978	2,117	2,023	2,382	1,632
NEW YORK SUBURBS	8,268	11,286	11,493	11,638	11,415	13,119	9,874
DOWNSTATE NY	18,582	23,389	23,639	24,159	23,389	26,934	21,950
NEW YORK STATE	28,074	36,152	35,829	36,360	36,142	41,213	33,156

Source: New York State Dept. of Motor Vehicles
Data compiled by Institute for Traffic Safety Management and Research

TABLE 44B
2004 VEHICLE CRASHES
BY DAY OF WEEK

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Bronx	1,395	1,651	1,676	1,661	1,708	1,832	1,700
Kings	2,785	3,235	3,200	3,200	3,223	3,472	3,004
New York	1,883	1,964	2,057	2,066	2,117	2,291	2,057
Queens	2,859	3,364	3,298	3,211	3,234	3,426	3,086
Richmond	558	684	744	713	727	811	657
NEW YORK CITY	9,480	10,898	10,975	10,851	11,009	11,832	10,504
Dutchess	467	615	774	625	689	701	575
Nassau	2,397	3,455	3,658	3,788	3,561	3,856	2,960
Orange	674	857	849	740	809	956	767
Putnam	194	237	251	238	221	287	215
Rockland	556	640	698	700	660	738	525
Suffolk	2,473	3,309	3,295	3,254	3,330	3,440	2,943
Westchester	1,367	1,812	1,891	1,907	1,873	2,110	1,539
NEW YORK SUBURBS	8,128	10,925	11,416	11,252	11,143	12,088	9,524
DOWNSTATE NY	17,608	21,823	22,391	22,103	22,152	23,920	20,028
NEW YORK STATE	26,612	33,686	34,723	33,850	34,449	38,324	31,114

Source: New York State Dept. of Motor Vehicles

Data compiled by Institute for Traffic Safety Management and Research

TABLE 45A
2003 ANNUAL VEHICLE CRASHES
BY TIME OF DAY

	12am-3am	3am-6am	6am-9am	9am-noon	noon-3pm	3pm-6pm	6pm-9pm	9pm-mid	Unknown
Bronx	740	514	1,449	1,635	2,209	2,751	2,106	1,359	899
Kings	1,418	1,036	2,415	3,210	3,828	4,802	3,978	2,831	1,391
New York	1,052	973	1,435	1,962	2,295	2,675	2,234	1,743	1,094
Queens	1,430	1,197	2,994	3,263	3,966	4,840	3,654	2,594	1,750
Richmond	257	210	591	661	877	1,082	739	428	382
New York City	4,897	3,930	8,884	10,731	13,175	16,150	12,711	8,955	5,516
Dutchess	173	214	604	588	795	887	616	298	349
Nassau	837	779	2,921	3,629	4,665	5,418	3,132	1,556	1,524
Orange	281	283	769	732	972	1,226	787	429	407
Putnam	77	72	235	205	265	306	205	89	115
Rockland	187	184	582	646	783	986	654	358	305
Suffolk	977	834	2,596	3,128	4,004	4,770	2,820	1,543	1,684
Westchester	523	532	1,911	2,092	2,307	2,643	1,704	867	1,033
New York Suburbs	3,055	2,898	9,618	11,020	13,791	16,236	9,918	5,140	5,417
Downstate	7,952	6,828	18,502	21,751	26,966	32,386	22,629	14,095	10,933
NY State	11,678	10,438	28,707	32,509	41,323	50,478	33,195	20,219	18,379
Downstate % of NYS	68.1	65.4	64.5	66.9	65.3	64.2	68.2	69.7	59.5

Source: New York State Dept. of Motor Vehicles

TABLE 45B
2004 ANNUAL VEHICLE CRASHES
BY TIME OF DAY

96

	12am-3am	3am-6am	6am-9am	9am-noon	noon-3pm	3pm-6pm	6pm-9pm	9pm-mid	Unknown
Bronx	595	488	1,338	1,439	1,970	2,337	1,752	1,092	612
Kings	1,104	880	2,282	2,899	3,822	4,447	3,444	2,363	878
New York	991	907	1,328	1,912	2,264	2,563	2,149	1,571	750
Queens	1,099	1,040	2,724	3,035	3,626	4,424	3,314	1,978	1,238
Richmond	222	195	591	598	869	1,058	685	413	263
New York City	4,011	3,510	8,263	9,883	12,551	14,829	11,344	7,417	3,741
Dutchess	167	187	539	559	725	966	624	329	350
Nassau	752	728	2,804	3,484	4,394	5,391	3,261	1,504	1,357
Orange	209	227	676	701	977	1,332	793	413	324
Putnam	92	87	232	192	245	364	190	126	115
Rockland	157	181	556	590	792	992	629	308	312
Suffolk	868	772	2,594	2,896	3,914	4,881	2,893	1,593	1,633
Westchester	443	458	1,694	1,744	2,078	2,651	1,588	820	1,023
New York Suburbs	2,688	2,640	9,095	10,166	13,125	16,577	9,978	5,093	5,114
Downstate	6,699	6,150	17,358	20,049	25,676	31,406	21,322	12,510	8,855
NY State	10,183	9,359	27,045	30,542	39,906	49,325	31,849	18,574	15,975
Downstate % of NYS	65.8	65.7	64.2	65.6	64.3	63.7	66.9	67.4	55.4

Source: New York State Dept. of Motor Vehicles

TABLE 46
TRANSIT ACCIDENTS
METROPOLITAN TRANSPORTATION AUTHORITY

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
BUS TRANSIT											
MTA/NEW YORK CITY TRANSIT											
Total Accidents	64	62	46	43	56	47	47	55	52	31	45
Fatalities	3	5	6	5	4	9	4	10	9	6	1
Injuries	282	323	273	208	410	291	351	296	270	140	276
MTA/LONG ISLAND BUS											
Total Accidents	6	1	7	3	9	9	6	3	2	9	3
Fatalities	0	1	0	0	0	0	3	1	0	1	1
Injuries	27	0	29	19	45	62	15	2	7	40	3
TOTAL BUS TRANSIT											
Total Accidents	70	63	53	46	65	56	53	58	54	40	48
Fatalities	3	6	6	5	4	9	7	11	9	7	2
Injuries	309	323	302	227	455	353	366	298	277	180	279
RAIL RAPID TRANSIT											
MTA/NEW YORK CITY TRANSIT											
Total Accidents	13	12	15	10	10	12	10	9	6	6	11
Fatalities	4	4	3	2	4	3	4	0	1	2	4
Injuries	22	126	62	98	7	69	113	16	2	129	8
MTA/STATEN ISLAND RAILWAY											
Total Accidents	0	1	3	0	1	1	1	1	3	1	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	13	18	10	11	13	11	10	9	7	11
Fatalities	4	4	3	2	4	3	4	0	1	2	4
Injuries	22	126	62	98	7	69	113	16	2	129	8
SUBURBAN RAIL											
MTA/METRO-NORTH RAILROAD											
Total Accidents	7	4	7	6	7	1	4	1	6	3	5
Fatalities	0	0	1	0	0	0	0	0	0	0	1
Injuries	3	20	0	1	4	0	0	0	3	14	65
MTA/LONG ISLAND RAIL ROAD											
Total Accidents	11	21	26	22	14	8	13	15	14	13	18
Fatalities	3	5	8	4	2	2	1	5	2	4	7
Injuries	6	69	15	2	2	3	8	12	70	4	133
TOTAL SUBURBAN RAIL											
Total Accidents	18	25	33	28	21	9	17	16	20	16	23
Fatalities	3	5	9	4	2	2	1	5	2	4	8
Injuries	9	89	15	3	6	3	8	12	73	18	198
TOTAL TRANSIT ACCIDENTS											
Total Accidents	101	101	104	84	97	78	81	84	83	63	82
Fatalities	10	15	18	11	10	14	12	16	12	13	14
Injuries	340	538	379	328	468	425	487	326	352	327	485

Source: New York State Public Transportation Safety Board

TABLE 47
TRANSIT ACCIDENTS RATIO
PER MILLION RIDERS

100

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
BUS TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.142	0.135	0.094	0.079	0.091	0.071	0.067	0.059	0.053	0.034	0.050
MTA/LONG ISLAND BUS	0.316	0.054	0.273	0.112	0.319	0.307	0.201	0.097	0.065	0.296	0.098
TOTAL BUS TRANSIT	0.149	0.132	0.103	0.081	0.101	0.080	0.073	0.061	0.054	0.042	0.052
RAIL RAPID TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.012	0.011	0.014	0.009	0.008	0.009	0.007	0.005	0.004	0.004	0.006
MTA/STATEN ISLAND RAILWAY	0.000	0.196	0.600	0.000	0.278	0.256	0.244	0.252	0.833	0.294	0.000
TOTAL RAIL RAPID TRANSIT	0.012	0.012	0.016	0.009	0.009	0.010	0.008	0.006	0.005	0.004	0.006
SUBURBAN RAIL											
MTA/METRO-NORTH RAILROAD	0.116	0.066	0.114	0.096	0.108	0.015	0.056	0.014	0.082	0.041	0.069
MTA/LONG ISLAND RAIL ROAD	0.150	0.285	0.349	0.290	0.174	0.097	0.153	0.147	0.139	0.133	0.187
TOTAL SUBURBAN RAIL	0.135	0.186	0.243	0.202	0.145	0.060	0.109	0.092	0.115	0.094	0.136
TOTAL TRANSIT ACCIDENTS	0.061	0.059	0.059	0.046	0.049	0.037	0.036	0.029	0.029	0.022	0.029

TABLE 48
**TRANSIT ACCIDENTS RATIO
 PER MILLION MILES TRAVELED**

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
BUS TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.713	0.700	0.482	0.441	0.617	0.498	0.475	0.556	0.509	0.266	0.379
MTA/LONG ISLAND BUS	0.659	0.110	0.686	0.313	0.938	0.789	0.508	0.246	0.159	0.709	0.254
TOTAL BUS TRANSIT	0.709	0.645	0.502	0.429	0.648	0.530	0.479	0.522	0.471	0.310	0.368
RAIL RAPID TRANSIT											
MTA/NEW YORK CITY TRANSIT	0.043	0.038	0.049	0.032	0.033	0.038	0.031	0.028	0.018	0.018	0.032
MTA/STATEN ISLAND RAILWAY	0.000	0.556	1.429	0.000	0.476	0.476	0.500	0.466	1.429	0.048	0.000
TOTAL RAIL RAPID TRANSIT	0.043	0.041	0.058	0.031	0.035	0.041	0.034	0.030	0.027	0.021	0.032
SUBURBAN RAIL											
MTA/METRO-NORTH RAILROAD	0.186	0.106	0.167	0.138	0.155	0.021	0.082	0.020	0.121	0.062	0.101
MTA/LONG ISLAND RAIL ROAD	0.201	0.375	0.476	0.380	0.241	0.139	0.228	0.261	0.243	0.229	0.309
TOTAL SUBURBAN RAIL	0.195	0.267	0.342	0.276	0.203	0.086	0.161	0.150	0.187	0.152	0.213
TOTAL TRANSIT ACCIDENTS	0.209	0.200	0.203	0.160	0.190	0.149	0.150	0.154	0.149	0.110	0.141