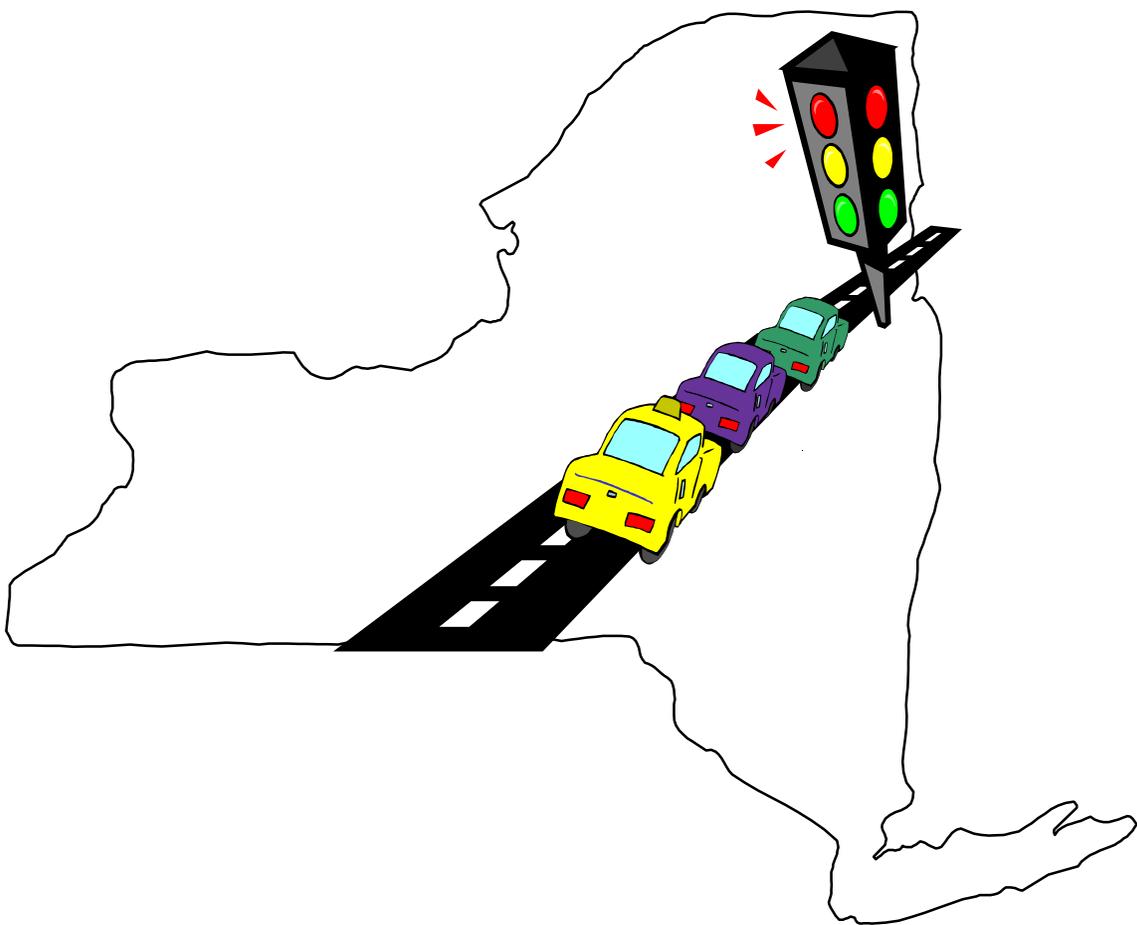


# **MONTGOMERY COUNTY**

## **TRAFFIC SAFETY DATA**



**Prepared by**

**Institute for Traffic Safety Management and Research**

**80 Wolf Road, Suite 607, Albany, NY 12205-2604**

**Phone 518-453-0291 . FAX 518-453-0298**

**February 2005**

## COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 2000-2003. Since 2002 is the most recent year for which crash data are available, the crash data provided cover the years 1999-2002. Caution is advised in interpreting the data in cases where the numbers are very small. For assistance in using the data in this document or to request additional information, please contact

### **Institute for Traffic Safety Management and Research**

80 Wolf Road, Suite 607  
Albany, New York 12205  
Telephone: 518-453-0291

**Contact Person: Sandra Fuller**

E-Mail: [sfuller@itsmr.org](mailto:sfuller@itsmr.org)

OR

### **Governor's Traffic Safety Committee**

NYS Department of Motor Vehicles  
Empire State Plaza  
Albany, New York 12228  
Telephone: 518-474-5111

Contact Your GTSC Representative

#### **Jennifer Hogan**

518-473-7786

[jhoga1@dmv.state.ny.us](mailto:jhoga1@dmv.state.ny.us)

#### **Renee Barchitta**

518-473-6786

[rbarc@dmv.state.ny.us](mailto:rbarc@dmv.state.ny.us)

#### **Brad Swartz**

518-474-9830

[bswar@dmv.state.ny.us](mailto:bswar@dmv.state.ny.us)

#### **Rich Devlin**

518-486-4221

[rdevl@dmv.state.ny.us](mailto:rdevl@dmv.state.ny.us)

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Tompkins  
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# MONTGOMERY COUNTY

## CRASH DATA

	1999	%	2000	%	2001	%	2002	%
<b>TOTAL CRASHES* (events)</b>	<b>1,127</b>		<b>1,336</b>		<b>965 *</b>		<b>645 *</b>	
Fatal	1	0.1	6	0.4	8	0.8	5	0.8
Personal Injury	396	35.1	372	27.8	348	36.1	400	62.0
Property Damage*	730	64.8	958	71.7	609 *	63.1	240 *	37.2
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	13	1.2	14	1.0	14	1.5	16	2.5
Bicycle crashes	12	1.1	9	0.7	9	0.9	5	0.8
Motorcycle crashes	19	1.7	9	0.7	17	1.8	8	1.2
<b>TOTAL FATALITIES (persons)</b>	<b>1</b>		<b>7</b>		<b>10</b>		<b>5</b>	
Drivers	0	0.0	2	28.6	6	60.0	4	80.0
Passengers	1	100	4	57.1	3	30.0	1	20.0
Pedestrians	0	0.0	1	14.3	1	10.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
<b>TOTAL INJURIES** (persons)</b>	<b>562</b>		<b>496</b>		<b>479</b>		<b>507</b>	
Drivers	353	62.8	339	68.3	320	66.8	319	62.9
Passengers	180	32.0	133	26.8	135	28.2	166	32.7
Pedestrians	15	2.7	13	2.6	13	2.7	14	2.8
Bicyclists	12	2.1	9	1.8	11	2.3	5	1.0

\* Starting in October 1997, the DMV recorded property damage only crashes that were reported by police but had no motorist report submitted. This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the total number of crashes and the total number of occupants involved in crashes.

\*\* Police-reported crashes only.

Note: Totals may not equal the sum of the parts due to missing data.

Source: 1999-2000 NYSDMV county MV-144A, Table 1, and special county MV-144A on motorcycle crashes, Table 1.  
2001-2002 NYSDMV AIS Data Base.

**MONTGOMERY COUNTY**  
**CRASH AND FATALITY & INJURY RATES**

	1999	2000	2001	2002
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	223.75	268.77	195.67*	130.57*
Crash Rate per 10,000 Licensed Drivers	319.82	374.38	269.32*	180.23*
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	116.54	105.21	101.18	113.57
Fatality & Injury Rate per 10,000 Licensed Drivers	166.58	146.56	139.26	156.76
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.436	1.402	1.445	1.405

\* Starting in October 1997, the DMV recorded property damage only crashes that were reported by police but had no motorist report submitted. This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the crash rates per 10,000 population and 10,000 licensed drivers.

Source: 1999-2000 NYSDMV county 144A, Table 1, Table 2, and Table 19.  
 2001-2002 NYSDMV AIS Data Base.  
 NYSDMV driver's license file.  
 U.S. Census Bureau Redistricting Data.

**MONTGOMERY COUNTY**  
**SELECTED CONTRIBUTING FACTORS IN CRASHES\***

	<b>1999</b>	<b>%</b>	<b>2000</b>	<b>%</b>	<b>2001</b>	<b>%</b>	<b>2002</b>	<b>%</b>
<b>Total Crashes</b>	<b>1,026</b>		<b>1,265</b>		<b>916</b>		<b>434</b>	
Alcohol involvement	35	3.4	40	3.2	39	4.3	29	6.7
Unsafe speed	130	12.7	161	12.7	129	14.1	65	15.0
Driver inattention/distraction**	205	20.0	277	21.9	153	16.7	73	16.8
Failure to yield right-of-way	165	16.1	157	12.4	132	14.4	74	17.1
Following too closely	90	8.8	107	8.5	89	9.7	52	12.0
Improper passing/lane usage	40	3.9	54	4.3	34	3.7	24	5.5
Traffic control disregarded	42	4.1	33	2.6	35	3.8	23	5.3
Unsafe lane changing	34	3.3	18	1.4	21	2.3	7	1.6

\* Police-reported crashes only.

\*\* Driver distraction was added to Police Accident Report Form MV-104, effective 7/01. Because older versions may continue to be used, driver distraction is underreported.

Note: Not all crashes have a contributing factor reported, and many crashes have multiple factors reported.

Source: 1999-2000 NYSDMV county MV-144A, Table 13(P).  
 2001-2002 NYSDMV AIS Data Base.

**MONTGOMERY COUNTY**  
**REPORTED SAFETY RESTRAINT USE IN CRASHES\***

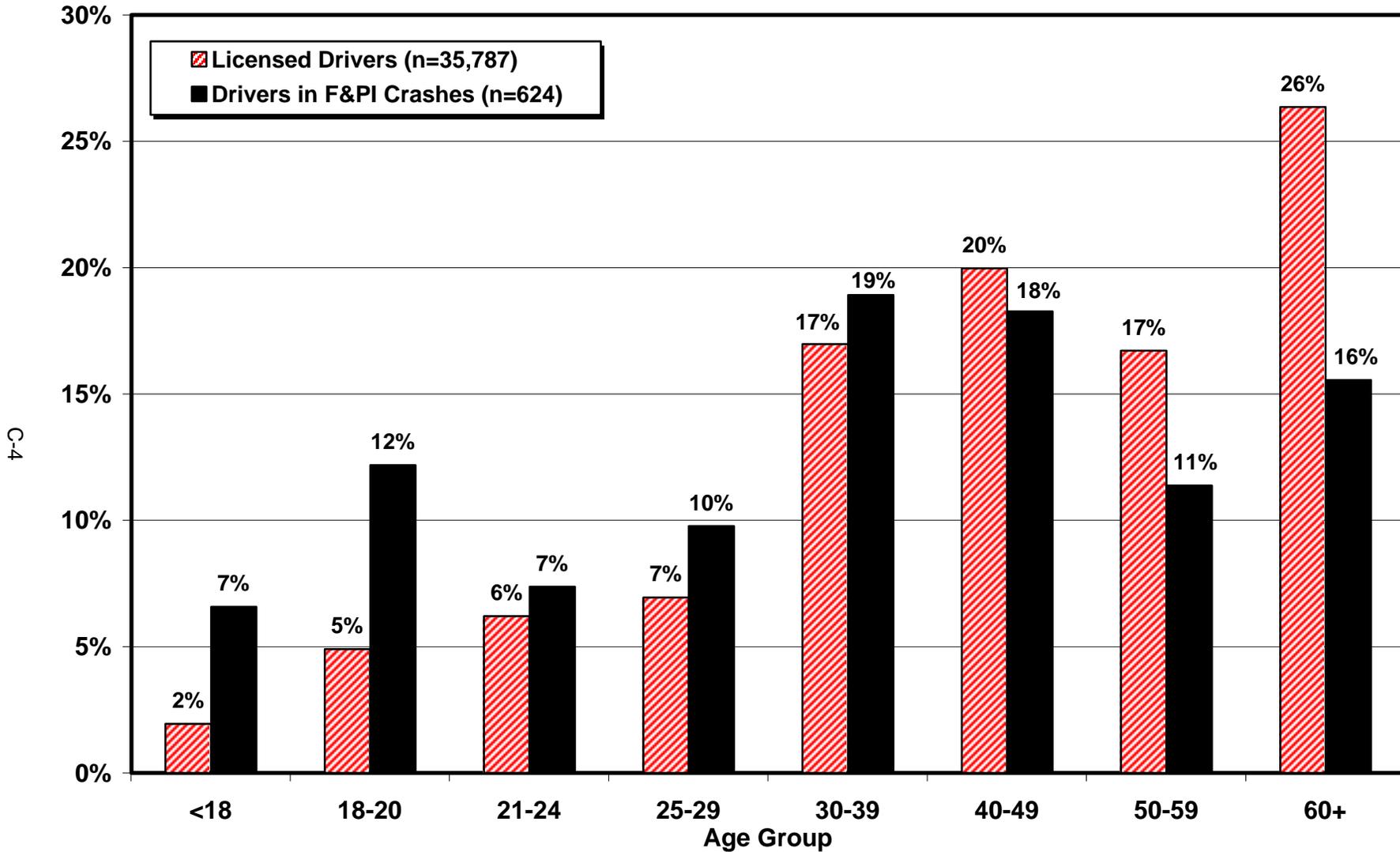
	<b>1999</b>		<b>2000</b>		<b>2001</b>		<b>2002</b>	
	<b>All Occupants %</b>	<b>K&amp;A Occupants %</b>						
No restraint used	4.3	27.3	3.6	21.4	3.1	17.1	4.4	10.6
Restraint used	86.2	68.2	93.7	73.8	87.8	75.6	89.9	83.0
Restraint use unspecified	9.4	4.5	2.7	4.8	9.1	7.3	5.7	6.4

\* Police-reported crashes only.

Note: "K and A" denote occupants killed or seriously injured in a crash.

Source: 1999-2000 NYSDMV county MV-144A, Table 29(P).  
 2001-2002 NYSDMV AIS Data Base.

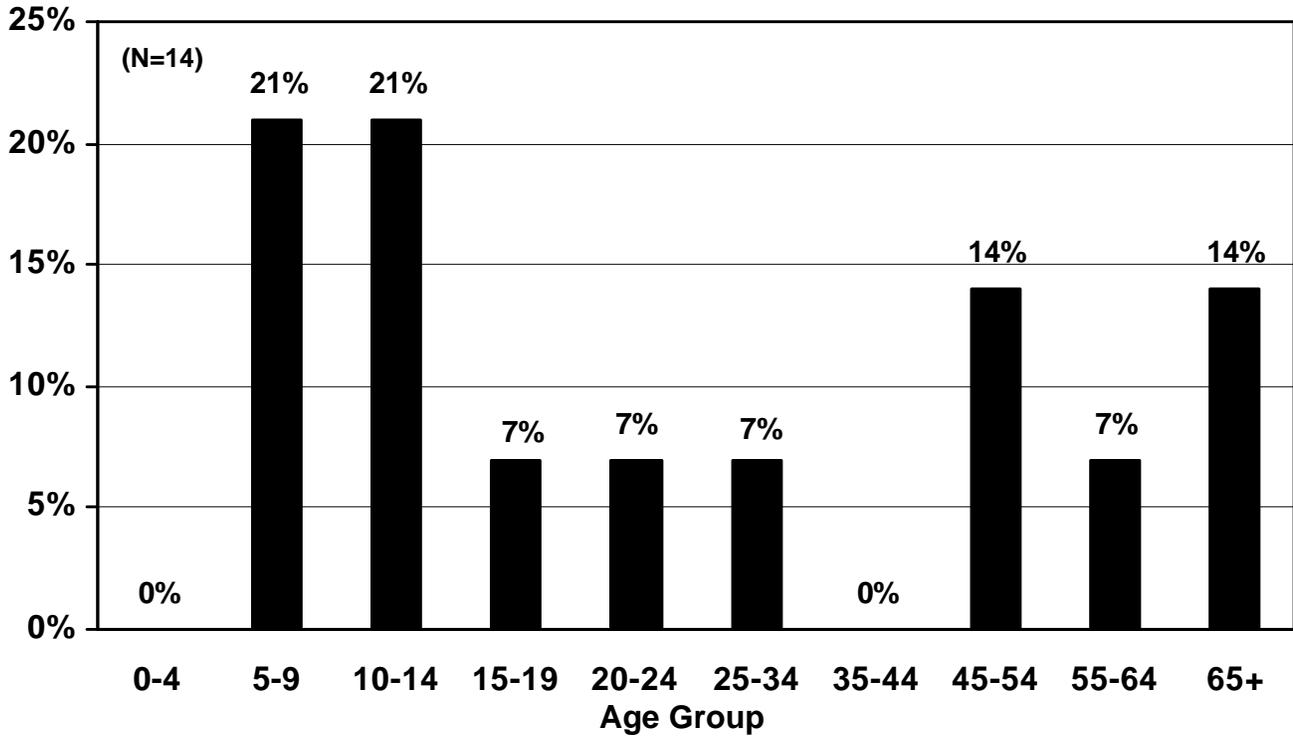
**Montgomery County 2002**  
**Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes**  
**by Age Group**



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury crashes.

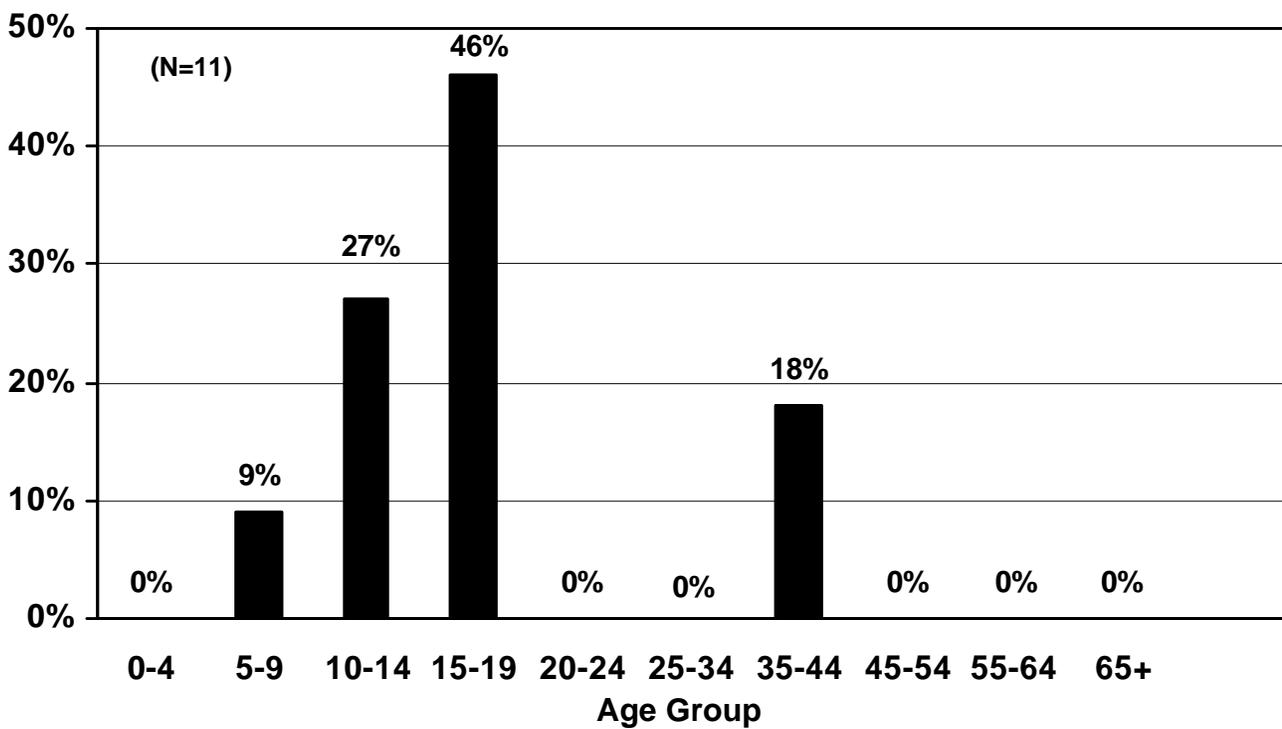
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

**Montgomery County 2001  
Pedestrians Killed or Injured by Age Group**



Source: NYSDMV AIS Data Base.

**Montgomery County 2001  
Bicyclists Killed or Injured by Age Group**



Source: NYSDMV AIS Data Base.

**MONTGOMERY COUNTY**  
**ALCOHOL-RELATED CRASH DATA\***

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
<b>TOTAL CRASHES (events)</b>	<b>1,026</b>	<b>1,265</b>	<b>916</b>	<b>434</b>
Alcohol-related crashes	35	39	40	30
% of total crashes	3.4	3.1	4.4	6.9
<b>FATAL CRASHES (events)</b>	<b>1</b>	<b>6</b>	<b>8</b>	<b>5</b>
Alcohol-related fatal crashes	0	2	0	2
% of fatal crashes	0.0	33.3	0.0	40.0
<b>PERSONAL INJURY CRASHES (events)</b>	<b>375</b>	<b>355</b>	<b>339</b>	<b>363</b>
Alcohol-related injury crashes	18	20	24	27
% of injury crashes	4.8	5.6	7.1	7.4
<b>TOTAL FATALITIES (persons)</b>	<b>1</b>	<b>7</b>	<b>10</b>	<b>5</b>
Alcohol-related fatalities	0	2	0	2
% of total fatalities	0.0	28.6	0.0	40.0
<b>TOTAL INJURIES (persons)</b>	<b>562</b>	<b>496</b>	<b>479</b>	<b>507</b>
Alcohol-related injuries	20	36	33	41
% of total injuries	3.6	7.3	6.9	8.1

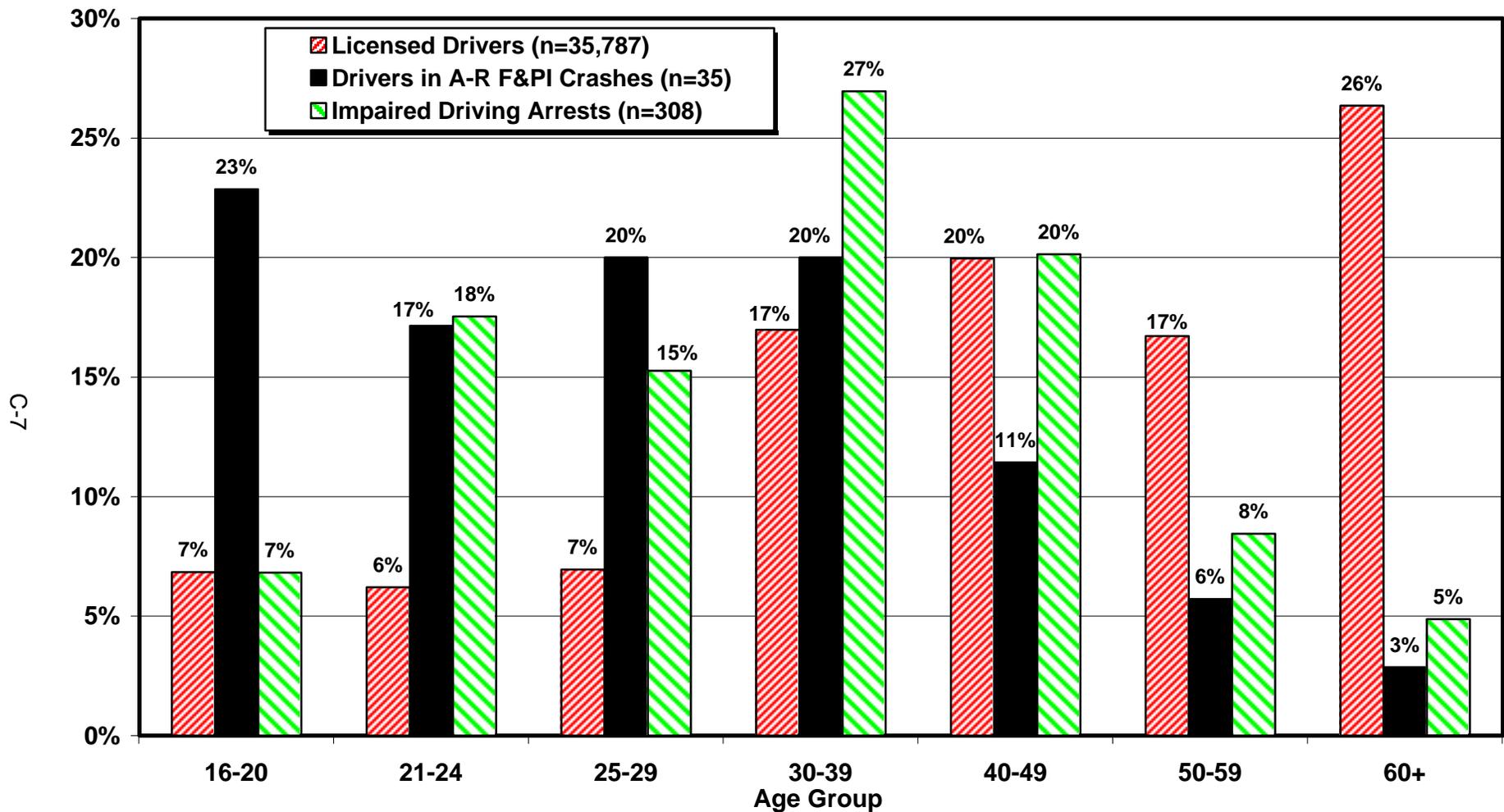
\* Police-reported crashes only.

Note: Data presented in Table C-1 include all reportable crashes.

Source: 1999-2000 NYSDMV county MV-144A, Table 1 and the DMV Office of Data Processing.  
2001-2002 NYSDMV AIS Data Base.

## Montgomery County 2002

### Licensed Drivers, Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group



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

Source: NYSDMV driver's license file, AIS Data Base, and TSLE&D ticket system. Arrest data compiled by ITSMR.

## MONTGOMERY COUNTY

### TSLE&D TICKETS ISSUED AND CONVICTION RATES FOR SELECTED V&T VIOLATIONS

VIOLATION	2000	2001	2002	2003
<b>SPEED (V&amp;T 1180)</b>	9,573	7,711	9,707	9,853
% of total tickets	44.7	43.8	47.2	49.2
% convicted on same charge	51.7	46.6	38.9	36.1
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	2,295	1,494	2,523	1,849
% of total tickets	10.7	8.5	12.3	9.2
% convicted on same charge	85.5	77.0	68.9	62.1
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	534	438	482	364
% of total tickets	2.5	2.5	2.3	1.8
<b>PERSONS ARRESTED*</b>	353	288	308	236
% arrested as result of patrol activity**	89.0	83.7	85.7	86.4
% arrested as result of crash	7.9	12.9	13.0	11.4
% arrested as result of <i>other means</i> ***	3.1	3.5	1.3	2.1
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>21,414</b>	<b>17,610</b>	<b>20,562</b>	<b>20,032</b>

\* The number of persons arrested is less than the number of tickets issued as some agencies issue separate tickets for 1192.2 and 1192.3, while others issue a combined 1192.23.

\*\* Includes patrol, radar, road checks

\*\*\* Includes scales, plane, VASCAR

Source: NYSDMV TSLE&D ticket system.

## MONTGOMERY COUNTY

### Adjudication Status of Impaired Driving Cases & Conviction Rates TSLE&D Agencies

	2000	2001	2002	2003
<b>Persons Arrested</b>	<b>(N=353)</b>	<b>(N=288)</b>	<b>(N=308)</b>	<b>(N=236)</b>
Case adjudicated	93.8%	84.4%	94.2%	85.6%
Case pending	6.2%	15.6%	5.8%	14.4%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=331)</b>	<b>(N=243)</b>	<b>(N=290)</b>	<b>(N=202)</b>
<b>Convicted on Alcohol Charge</b>	<b>88.5%</b>	<b>93.3%</b>	<b>92.7%</b>	<b>93.1%</b>
Convicted on original alcohol charge	29.6%	32.9%	31.4%	36.1%
Convicted on reduced alcohol charge	50.4%	55.1%	53.4%	52.5%
Convicted on other alcohol charge	8.5%	5.3%	7.9%	4.5%
<b>Convicted on Non-Alcohol Charge</b>	<b>5.4%</b>	<b>4.5%</b>	<b>3.4%</b>	<b>3.5%</b>
<b>Dismissed/Acquitted/Convicted on charge associated with different event</b>	<b>6.1%</b>	<b>2.2%</b>	<b>3.9%</b>	<b>3.4%</b>
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, this includes drivers who have had at least one offense adjudicated.				

Source: Compiled by Institute for Traffic Safety Management and Research with data obtained from TSLE&D.

## MONTGOMERY COUNTY

### DWI/AI Probation Data

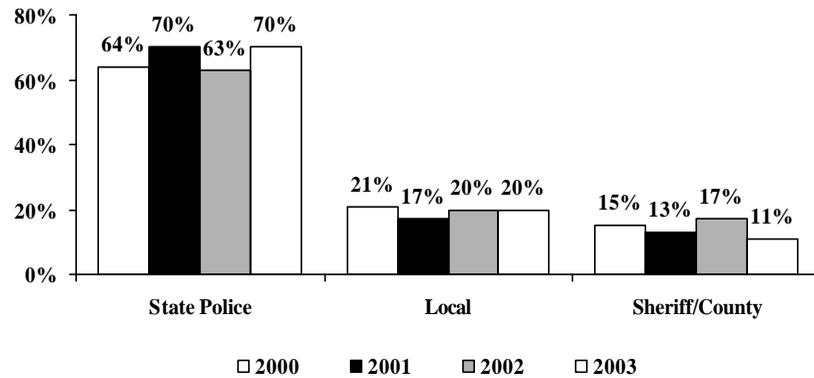
	2000	2001	2002	2003
<b>Number of Persons Sentenced to Probation</b>	36	28	19	38
<b>Number of Persons on Probation*</b>	110	120	101	94

\* It should be noted that since the manner in which active probation cases were identified was adjusted in 2002, caution is advised when comparing the 2002 and 2003 data with the data from earlier years.

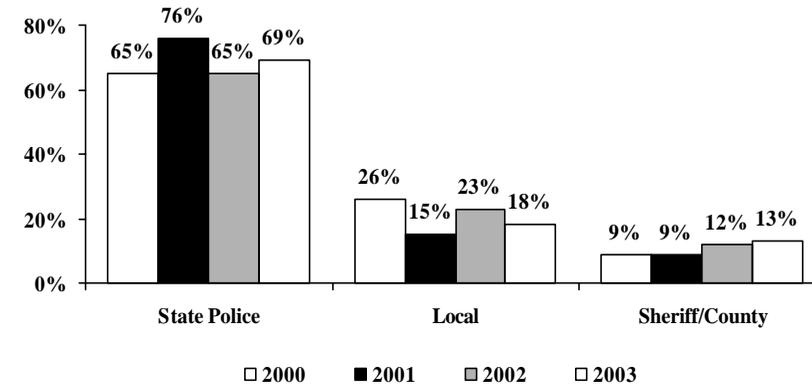
Source: NYS Division of Probation and Correctional Alternatives.

**Montgomery County  
V&T Tickets Issued by TSLE&D Agencies  
By Agency Type**

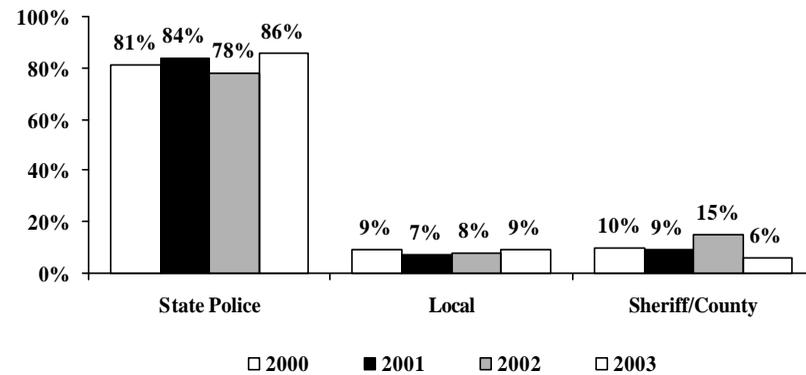
**All Tickets**



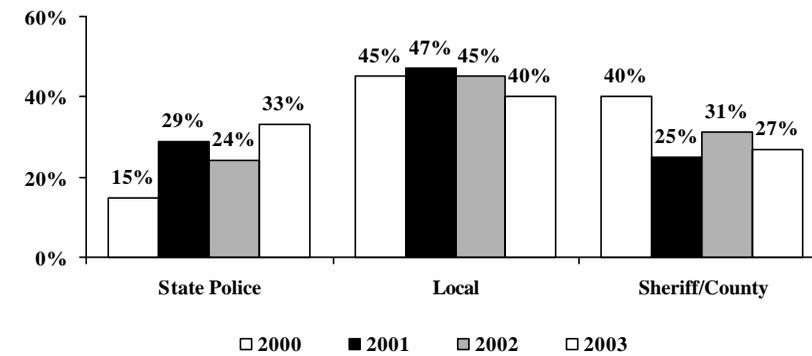
**Seat Belt Tickets**



**Speed Tickets**



**Persons Ticketed for Impaired Driving**



C-10

## MONTGOMERY COUNTY

### TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2000			2001			2002			2003		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Montgomery Sheriff NCIC 02800	alcohol	211	46.7	39.5	118	33.7	27.2	153	37.9	31.7	98	36.4	26.9
	speed	917	49.9	9.6	715	57.9	9.3	1,445	66.6	14.9	540	38.6	5.5
	seatbelt	216	26.6	9.4	139	39.3	9.3	291	33.4	11.5	246	42.6	13.3
Amsterdam P.D. NCIC 02801	alcohol	144	31.9	27.0	167	47.7	38.5	162	40.1	33.6	124	46.1	34.1
	speed	717	39.1	7.5	380	30.8	4.9	610	28.1	6.3	732	52.3	7.4
	seatbelt	487	60.0	21.2	161	45.5	10.8	522	59.9	20.7	271	47.0	14.7
Canajoharie P.D. NCIC 02822	alcohol	54	11.9	10.1	32	9.1	7.4	39	4.5	8.1	27	10.0	7.4
	speed	54	2.9	0.6	43	3.5	0.6	30	3.4	0.3	23	1.6	0.2
	seatbelt	5	0.6	0.2	3	0.8	0.2	8	0.9	0.3	7	1.2	0.4
Vill. of Ft. Plain P.D. NCIC 02824	alcohol	24	5.3	4.5	14	4.0	3.2	17	4.2	3.5	9	3.3	2.5
	speed	50	2.7	0.5	38	3.1	0.5	47	2.2	0.5	36	2.6	0.4
	seatbelt	13	1.6	0.6	8	2.3	0.5	14	1.6	0.6	19	3.3	1.0
St. Johnsville P.D. NCIC 02828	alcohol	19	4.2	3.6	19	5.4	4.4	33	8.2	6.8	11	4.1	3.0
	speed	98	5.3	1.0	59	4.8	0.8	38	1.8	0.4	68	4.9	0.7
	seatbelt	91	11.2	4.0	43	12.1	2.9	36	4.1	1.4	34	5.9	1.8
<b>Totals by Agency Type</b>													
Sheriff and Local	alcohol	452		84.6	350		80.6	404		83.8	269		73.9
	speed	1,836		19.2	1,235		16.0	2,170		22.4	1,399		14.2
	seatbelt	812		35.4	354		23.7	871		34.5	577		31.2
State Police	alcohol	82		15.4	82		18.9	78		16.2	95		26.1
	speed	7,739		80.8	6,473		84.0	7,530		77.6	8,449		85.8
	seatbelt	1,484		64.6	1,137		76.3	1,647		65.3	1,269		68.6
Other incl. Park Police	alcohol	0		0.0	2		0.5	0		0.0	0		0.0
	speed	1		<0.1	0		0.0	6		0.1	5		0.1
	seatbelt	0		0.0	0		0.0	3		0.1	3		0.2
<b>County Totals</b>													
	alcohol	534			434			482			364		
	speed	9,576			7,708			9,706			9,853		
	seatbelt	2,296			1,491			2,521			1,849		

Source: NYSDMV