

NEW YORK STATE FACT SHEET ON YOUNG DRIVERS 2009

TABLE 1
NYS Motor Vehicle Crashes Involving Young Drivers
SEVERITY OF CRASH, FATALITIES & INJURIES, AND DRIVERS INVOLVED
2009

	Drivers Ages 16-17	Drivers Ages 16-20	Drivers Ages 16-24
Crashes (% of total NYS)	12,647 (4.0%)	51,335 (16.3%)	94,948 (30.1%)
Fatal (% of total NYS)	41 (3.9%)	173 (16.3%)	324 (30.6%)
Personal Injury (% of total NYS)	5,080 (3.8%)	22,013 (16.4%)	42,059 (31.4%)
Property Damage Only (% of total NYS)	7,526 (4.2%)	29,149 (16.2%)	52,565 (29.2%)
Fatalities (% of total NYS)	49 (4.3%)	194 (16.9%)	360 (31.4%)
Driver Fatalities (% of total NYS)	15 (2.5%)	74 (12.3%)	150 (24.9%)
Persons Injured (% of total NYS)	7,817 (4.2%)	33,218 (17.9%)	62,782 (33.7%)
Drivers Involved Ages 16-17 (% of total NYS)	13,027 (2.5%)	54,578 (10.5%)	104,855 (20.2%)
Male Drivers (% of total NYS)	7,169 (2.5%)	31,310 (10.7%)	60,343 (20.6%)
Female Drivers (% of total NYS)	5,858 (3.0%)	23,268 (11.8%)	44,512 (22.7%)
Licensed Drivers (% of total NYS)	103,702 (0.9%)	534,470 (4.7%)	1,194,030 (10.5%)

- Of all motor vehicle crashes in 2009:
 - 4% involved drivers ages 16-17
 - 16% involved drivers ages 16-20
 - 30% involved drivers ages 16-24
- Of all motor vehicle fatalities in 2009:
 - 4% occurred in crashes involving drivers ages 16-17
 - 17% occurred in crashes involving drivers ages 16-20
 - 31% occurred in crashes involving drivers ages 16-24
- Young drivers are overrepresented in crashes in 2009:
 - 3% of drivers involved in crashes were ages 16-17, compared to 1% of all licensed drivers
 - 11% of drivers involved in crashes were ages 16-20, compared to 5% of all licensed drivers
 - 20% of drivers involved in crashes were ages 16-24, compared to 11% of all licensed drivers

TABLE 2
NYS Motor Vehicle Fatal & Personal Injury (F&PI) Crashes Involving Young Drivers
VEHICLES AND PASSENGERS INVOLVED
2009

	F&PI Crashes Involving Drivers Ages 16-17	F&PI Crashes Involving Drivers Ages 16-20	F&PI Crashes Involving Drivers Ages 16-24	NYS F&PI
Fatal & Personal Injury Crashes	5,121	22,186	42,383	134,948
Crashes Involving Single Vehicle	24.4%	22.8%	22.4%	31.6%
Crashes Involving Multiple Vehicles	75.6%	77.2%	77.6%	68.4%
Drivers Ages 16-17 in F&PI Crashes	5,239	23,488	46,945	235,880
With No Passengers*	53.6%	60.8%	63.7%	69.5%
With Passengers	46.4%	39.2%	36.3%	30.5%

*Note: As mandated by NYSDMV regulations, drivers holding permits or junior licenses must have a "qualifying" adult in the vehicle.

- 76%-78% of all F&PI crashes involving drivers in each of the three age groups involved multiple vehicles, compared to 68% of all F&PI crashes.
- Of the three age groups, drivers ages 16-17 involved in F&PI crashes are most likely to be driving with passengers (46% vs. 39% and 36%); drivers in all three age groups are more likely to be driving with passengers than drivers in all F&PI crashes (31%).

TABLE 3
NYS Motor Vehicle Fatal and Personal Injury (F&PI) Crashes Involving Young Drivers
TIME OF DAY: 2009

Time of Day	Fatal Crashes				Personal Injury Crashes			
	Involving Drivers Ages 16-17 (N=41)	Involving Drivers Ages 16-20 (N=173)	Involving Drivers Ages 16-24 (N=324)	Involving All Drivers (N=1,060)	Involving Drivers Ages 16-17 (N=5,080)	Involving Drivers Ages 16-20 (N=22,013)	Involving Drivers Ages 16-24 (N=42,059)	Involving All Drivers (N=133,888)
9pm-Mid	22.0%	16.8%	16.7%	13.3%	9.9%	11.0%	10.7%	8.9%
Mid-5am	12.2%	22.0%	25.3%	19.2%	4.1%	7.1%	8.5%	6.7%
5am-9am	2.4%	6.4%	9.3%	10.8%	9.8%	9.0%	10.3%	12.4%
9am-Noon	7.3%	9.2%	7.7%	10.3%	8.8%	10.6%	11.1%	13.7%
Noon-3pm	17.1%	11.0%	9.9%	12.9%	19.8%	19.3%	18.3%	18.5%
3pm-6pm	19.5%	15.6%	14.5%	16.8%	28.6%	26.1%	24.5%	23.4%
6pm-9pm	17.1%	17.9%	15.7%	15.8%	18.2%	16.0%	15.5%	15.0%
Unknown	2.4%	1.2%	0.9%	0.8%	0.7%	0.8%	1.0%	1.3%

- For fatal crashes, the largest proportion of crashes involving drivers ages 16-17 occurred 9pm-midnight (22%), while the largest proportions of crashes involving drivers ages 16-20 and 16-24 occurred between midnight and 5am (22% and 25%, respectively). The largest proportion of fatal crashes involving all drivers also occurred between midnight and 5am (19%).
- For personal injury crashes, the largest proportion of crashes involving drivers in each of the three age groups occurred 3pm-6pm (25%-29%). The largest proportion of personal injury crashes involving all drivers also occurred between 3pm and 6pm (23%).

TABLE 4
NYS Motor Vehicle Crashes Involving Young Drivers
FATALITIES AND INJURIES
2009

	Crashes Involving Drivers Ages 16-17	Crashes Involving Drivers Ages 16-20	Crashes Involving Drivers Ages 16-24	NYS Total
Total Fatalities	49	194	360	1,148
Drivers	20 (40.8%)	101 (52.1%)	200 (55.6%)	52.5%
Passengers	24 (49.0%)	62 (32.0%)	94 (26.1%)	18.2%
Pedestrians	5 (10.2%)	29 (14.9%)	60 (16.7%)	26.7%
Bicyclists	0 (0.0%)	2 (1.0%)	6 (1.7%)	2.5%
Other	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.0%
Total Persons Injured	7,817	33,218	62,782	186,034
Drivers	4,943 (63.2%)	21,520 (64.8%)	40,810 (65.0%)	60.7%
Passengers	2,655 (34.0%)	10,593 (31.9%)	19,474 (31.0%)	27.7%
Pedestrians	154 (2.0%)	766 (2.3%)	1,742 (2.8%)	8.2%
Bicyclists	55 (0.7%)	271 (0.8%)	598 (1.0%)	2.9%
Other	10 (0.1%)	68 (0.2%)	158 (0.3%)	0.5%

- Fatalities are more likely to be drivers and passengers in crashes involving drivers in each of the three age groups than drivers and passengers in all crashes (82%-90% vs. 71%).
- Pedestrians comprise a much smaller proportion of the fatalities in crashes involving drivers in these three age groups than in all crashes (10%-17% vs. 27%).
- Passengers comprise a larger proportion of the persons injured in crashes involving drivers in these three age groups than in all crashes (31%-34% vs. 28%).

TABLE 5
NYS Motor Vehicle Crashes Involving Young Drivers
AGE OF PASSENGERS KILLED OR INJURED
IN VEHICLES WITH YOUNG DRIVERS
2009

Passengers Killed or Injured	In Vehicles with Drivers Ages 16-17	In Vehicles with Drivers Ages 16-20	In Vehicles with Drivers Ages 16-24	NYS Total
Total	1,538	6,048	11,473	51,708
Under Age 4	0.4%	1.2%	2.3%	2.9%
Ages 4-6	0.7%	0.6%	1.2%	3.1%
Ages 7-15	18.3%	10.8%	7.7%	12.7%
Ages 16-17	45.0%	23.7%	14.4%	5.4%
Ages 18-20	19.1%	35.4%	27.0%	9.6%
Ages 21-24	2.7%	10.7%	21.0%	10.1%
Ages 25-29	1.2%	3.6%	8.2%	9.6%
Age 30 and Over	9.8%	9.9%	13.1%	39.9%
Unknown Age	3.0%	4.1%	5.2%	6.8%

- 45% of the passengers killed or injured in vehicles with drivers 16-17 were ages 16-17, compared to 5% of the passengers killed or injured in vehicles with drivers of all ages.
- 59% of the passengers killed or injured in vehicles with drivers 16-20 were ages 16-20, compared to 15% of the passengers killed or injured in vehicles with drivers of all ages.
- 62% of the passengers killed or injured in vehicles with drivers 16-24 were ages 16-24, compared to 25% of the passengers killed or injured in vehicles with drivers of all ages.

TABLE 6
NYS Motor Vehicle Crashes Involving Young Drivers
RESTRAINT USE FOR VEHICLE OCCUPANTS
2009

	Crashes Involving Drivers Ages 16-17 (% Restrained)	Crashes Involving Drivers Ages 16-20 (% Restrained)	Crashes Involving Drivers Ages 16-24 (% Restrained)	NYS Total Drivers (% Restrained)
Total Vehicle Occupants	24,474 (89.9%)	80,300 (90.3%)	140,277 (90.1%)	
Drivers	93.8%	93.1%	92.4%	88.1%
Passengers Same Age Group: In Vehicles w/Drivers Same Age	89.6%	88.3%	87.5%	
Passengers Same Age Group: In Vehicles w/Drivers Other Ages	84.9%	83.5%	82.9%	
Total Killed	29 (48.3%)	107 (48.6%)	185 (49.2%)	
Drivers	60.0%	46.3%	50.8%	53.2%
Passengers Same Age Group: In Vehicles w/Drivers Same Age	42.9%	45.5%	41.5%	
Passengers Same Age Group: In Vehicles w/Drivers Other Ages	28.6%	85.7%	75.0%	
Total Injured	4,980 (85.5%)	17,956 (85.6%)	33,329 (85.9%)	
Drivers	91.0%	89.8%	89.6%	90.1%
Passengers Same Age Group: In Vehicles w/Drivers Same Age	80.7%	81.2%	81.3%	
Passengers Same Age Group: In Vehicles w/Drivers Other Ages	80.5%	77.8%	76.6%	
Total Uninjured	19,465 (91.1%)	62,237 (91.7%)	106,763 (91.4%)	
Drivers	94.5%	94.1%	93.3%	87.6%
Passengers Same Age Group: In Vehicles w/Drivers Same Age	91.5%	90.3%	89.4%	
Passengers Same Age Group: In Vehicles w/Drivers Other Ages	86.2%	85.4%	85.3%	

*Note: Police-reported crashes only; excludes motorcycles.

- The overall restraint use for drivers in each of the three age groups was higher than the restraint use for passengers of the same ages.
- The overall restraint use was higher for drivers in the three age groups than for drivers of all ages (92%-94% vs. 88%).
- For drivers killed, drivers in the 16-17 age group were more likely to be restrained than all drivers (60% vs. 53%), while drivers in the 16-20 and 16-24 age groups were less likely than all drivers to be restrained (46% and 51% vs. 53%, respectively).

TABLE 7
NYS Fatal and Personal Injury (F&PI) Crashes Involving Young Drivers*
SELECT CONTRIBUTING FACTORS ASSOCIATED WITH DRIVERS
2009

	Drivers Ages 16-17	Drivers Ages 16-20	Drivers Ages 16-24	NYS Total Drivers in F&PI Crashes
Total Drivers	4,976	22,048	43,442	210,038
Select Factors				
Driver Inattention/Distraction	16.0%	14.5%	13.5%	11.6%
Driver Inexperience	14.0%	6.7%	4.5%	1.5%
Failure to Yield R.O.W.	17.8%	13.1%	11.1%	9.0%
Following Too Closely	13.4%	13.8%	12.4%	9.2%
Traffic Control Device Disregarded	4.0%	3.8%	3.6%	3.0%
Unsafe Speed	15.2%	12.9%	11.5%	6.2%
Alcohol Involvement	0.8%	1.9%	2.8%	2.1%

*Note: Police-reported crashes only; multiple factors may be reported.

- Drivers in the youngest age group (16-17) were more likely than the drivers in the 16-20 and 16-24 age groups to have “unsafe speed” reported as a contributing factor in F&PI crashes (15% vs. 13% and 12%, respectively).
- Drivers in each of the three age groups in F&PI crashes were much more likely than all drivers in F&PI crashes to have “unsafe speed” reported as a contributing factor (12%-15% vs. 6%).
- As would be expected, drivers in the 16-17 age group were much more likely than the drivers in 16-20 and 16-24 age groups to have “driver inexperience” reported as a contributing factor in F&PI crashes (14% vs. 7% and 5%, respectively).
- As also might be expected, drivers in the 16-17 age group were least likely to have “alcohol involvement” reported as a contributing factor in F&PI crashes than the drivers in the 16-20 and 16-24 age groups (1%, 2% and 3%, respectively).
- Drivers 16-24 were slightly more likely to have “alcohol involvement” reported as a contributing factor in F&PI crashes than all drivers in F&PI crashes (3% vs. 2%).

TABLE 8
NYS Traffic Tickets Issued to Young Drivers
SELECT VIOLATIONS
2009

	Drivers Ages 16-17	Drivers Ages 16-20	Drivers Ages 16-24	NYS Total
Total Tickets Issued	68,678	456,918	1,033,566	4,080,449
Speeding	22.2%	23.6%	20.9%	17.3%
License	13.0%	7.3%	7.5%	5.6%
Traffic Device/Stop Sign	8.4%	8.5%	8.5%	10.5%
Seat Belts	7.4%	7.8%	8.1%	10.0%
Cell Phone	2.1%	3.2%	4.4%	8.4%
Total TSLED Tickets Issued	58,665	361,482	765,913	2,600,264
Impaired Driving	1.0%	2.0%	3.0%	3.2%

Note: Total tickets issued include data from the TSLED and Administrative Adjudication (AA) systems; however, no tickets issued for impaired driving are included in AA. Beginning in mid-2009, all tickets issued for impaired driving are being captured in TSLED, with the exception of those issued in New York City.

- The largest proportion of tickets issued to drivers in each of the age groups was for speeding violations, which was larger than the proportion of tickets issued to all drivers for speeding violations (21%-24% vs. 17%).
- The proportion of tickets issued to drivers ages 16-17 for license violations was much larger than the proportion of tickets issued to drivers in the 16-20 and 16-24 age groups (13% vs. 7% and 8%, respectively).
- The proportion of tickets issued to drivers in each of the three age groups for cell phone violations was much less than the proportion of tickets issued to all drivers (2%-4% vs. 8%).
- The proportion of TSLED tickets issued to drivers in each of the age groups for impaired driving increased with age, increasing from 1% of drivers 16-17 to 3% of drivers 16-24.

TABLE 9
NYS Motor Vehicle Fatal and Personal Injury (F&PI) Crashes Involving Young Drivers
SEVERITY OF CRASH, FATALITIES & INJURIES, AND DRIVERS INVOLVED
BY REGION OF THE STATE (Upstate, New York City & Long Island)
2009

Drivers Ages 16-17	UPSTATE	NYC	LONG ISLAND
F&PI Crashes (% of total)	3,321 (65%)	483 (9%)	1,305 (26%)
Fatal (% of total)	30 (73%)	7 (17%)	4 (10%)
Personal Injury (% of total)	3,291 (65%)	476 (9%)	1,301 (26%)
Fatalities (% of total)	37 (76%)	8 (16%)	4 (8%)
Persons Injured (% of total)	4,908 (63%)	827 (11%)	2,061 (26%)
Drivers Involved Ages 16-17 (% of total)	3,402 (65%)	491 (9%)	1,334 (26%)
Licensed Drivers Ages 16-17 (% of total)	72,830 (70%)	9,033 (9%)	21,839 (21%)

Drivers Ages 16-20	UPSTATE	NYC	LONG ISLAND
F&PI Crashes (% of total)	12,301 (55%)	4,139 (19%)	5,691 (26%)
Fatal (% of total)	109 (63%)	32 (19%)	32 (19%)
Personal Injury (% of total)	12,192 (55%)	4,107 (19%)	5,659 (26%)
Fatalities (% of total)	128 (66%)	33 (17%)	33 (17%)
Persons Injured (% of total)	17,580 (53%)	6,788 (20%)	8,769 (26%)
Drivers Involved Ages 16-20 (% of total)	13,036 (56%)	4,260 (18%)	6,133 (26%)
Licensed Drivers Ages 16-20 (% of total)	332,010 (62%)	84,159 (16%)	118,301 (22%)

Drivers Ages 16-24	UPSTATE	NYC	LONG ISLAND
F&PI Crashes (% of total)	21,088 (50%)	11,208 (26%)	9,982 (24%)
Fatal (% of total)	194 (60%)	62 (19%)	68 (21%)
Personal Injury (% of total)	20,894 (50%)	11,146 (26%)	9,914 (24%)
Fatalities (% of total)	223 (62%)	65 (18%)	72 (20%)
Persons Injured (% of total)	29,576 (47%)	17,903 (29%)	15,153 (24%)
Drivers Involved Ages 16-24 (% of total)	23,374 (50%)	12,139 (26%)	11,315 (24%)
Licensed Drivers Ages 16-24 (% of total)	694,316 (58%)	257,886 (22%)	241,828 (20%)

- As would be expected, the largest proportion of F&PI crashes for each age group occurred Upstate (65%, 55% and 50%, respectively).
- The second largest proportion of F&PI crashes involving drivers 16-17 and 16-20 occurred on Long Island (26%), while the second largest proportion of F&PI crashes involving drivers 16-24 occurred in New York City (26%).
- Again, as might be expected, only 9% of the F&PI crashes involving drivers 16-17 occurred in New York City.