

NEW YORK STATE FACT SHEET ON YOUNG DRIVERS AGES 16-24

PREPARED BY THE INSTITUTE FOR TRAFFIC SAFETY MANAGEMENT & RESEARCH

TABLE 1
NYS Motor Vehicle Crashes Involving Drivers Ages 16-24
SEVERITY OF CRASH, FATALITIES & PERSONS INJURED, AND DRIVERS INVOLVED

	2012	2013	2014
Crashes (% of total NYS)	82,863 (28.1%)	83,616 (27.4%)	79,595 (26.6%)
Fatal (% of total NYS)	286 (26.4%)	269 (24.3%)	213 (22.0%)
Personal Injury (% of total NYS)	35,252 (28.6%)	34,552 (27.8%)	32,184 (27.2%)
Property Damage Only (% of total NYS)	47,325 (27.8%)	48,795 (27.2%)	47,198 (26.2%)
Fatalities (% of total NYS)	313 (26.9%)	307 (25.8%)	240 (23.4%)
Driver Fatalities Ages 16-24 (% of total NYS)	120 (19.6%)	128 (20.9%)	92 (16.1%)
Persons Injured (% of total NYS)	51,931 (30.7%)	50,281 (29.7%)	46,652 (29.1%)
Drivers Involved Ages 16-24 (% of total NYS)	90,553 (18.7%)	91,095 (18.3%)	86,691 (17.7%)
Male Drivers Ages 16-24 (% of total NYS)	51,924 (19.1%)	52,110 (18.6%)	49,461 (18.0%)
Female Drivers Ages 16-24 (% of total NYS)	38,626 (21.0%)	38,984 (20.5%)	37,228 (20.1%)
*Licensed Drivers Ages 16-24 (% of total NYS)	1,174,751 (10.4%)	1,172,947 (10.3%)	1,172,947 (10.3%)

**Note: The number of NYS licensed drivers by age was not available for 2014 at the time this report was produced; 2013 data was substituted.*

- 27%-28% of all motor vehicle crashes in 2012-2014 involved drivers ages 16-24; the number of crashes dropped from 82,863 in 2012 to 79,595 in 2014, a decrease of 4%.
- 23% of all motor vehicle fatalities in 2014 occurred in crashes involving drivers ages 16-24, down from 27% of the fatalities in 2012.
- The number of fatalities in crashes involving drivers ages 16-24 dropped from 313 in 2012 to 240 in 2014, a decrease of 23%. In 2014, 92 drivers ages 16-24 were killed in crashes, down from 120 in 2012, representing a decrease of 23%.
- The number of persons injured in crashes involving drivers ages 16-24 declined from 51,931 in 2012 to 46,652 in 2014, a decrease of 10%.
- Drivers ages 16-24 are overrepresented in crashes; 18%-19% of the drivers involved in crashes in 2012-2014 were ages 16-24, compared to 10% of all licensed drivers.

TABLE 2
NYS Fatal & Personal Injury (F&PI) Crashes Involving Drivers Ages 16-24
VEHICLES AND PASSENGERS INVOLVED

	2012	2013	2014	NYS F&PI 2014
Fatal & Personal Injury Crashes	35,538	34,821	32,397	119,431
Crashes Involving Single Vehicle	23.0%	22.4%	21.3%	31.9%
Crashes Involving Multiple Vehicles	77.0%	77.6%	78.7%	68.1%
Drivers Ages 16-24 in F&PI Crashes	38,855	38,039	35,368	207,351
With No Passengers*	66.4%	67.0%	67.6%	71.0%
With Passengers	33.6%	33.0%	32.4%	29.0%

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

- F&PI crashes involving drivers ages 16-24 were more likely to involve multiple vehicles than all F&PI crashes (79% vs. 68% in 2014).
- Drivers ages 16-24 involved in F&PI crashes were more likely to be driving with passengers than drivers in all F&PI crashes (32% vs. 29% in 2014).

TABLE 3
NYS Motor Vehicle Crashes Involving Drivers Ages 16-24
TIME OF DAY: 2014

Time of Day	Fatal		Personal Injury		Property Damage Only		Total Crashes	
	Involving Drivers Ages 16-24 (N=213)	Involving All Drivers (N=966)	Involving Drivers Ages 16-24 (N=32,184)	Involving All Drivers (N=118,465)	Involving Drivers Ages 16-24 (N=47,198)	Involving All Drivers (N=180,021)	Involving Drivers Ages 16-24 (N=79,595)	Involving All Drivers (N=299,452)
9pm-Mid	18.3%	13.0%	9.7%	8.6%	9.1%	8.1%	9.3%	8.3%
Mid-5am	23.9%	17.6%	7.1%	6.1%	6.7%	6.1%	6.9%	6.1%
5am-9am	12.2%	14.3%	11.4%	13.2%	12.8%	15.2%	12.3%	14.4%
9am-Noon	8.9%	11.0%	12.5%	14.3%	12.8%	14.0%	12.7%	14.1%
Noon-3pm	11.3%	14.1%	18.1%	18.3%	18.3%	16.9%	18.2%	17.4%
3pm-6pm	10.3%	16.0%	24.5%	23.2%	23.5%	21.0%	23.8%	21.9%
6pm-9pm	15.0%	13.9%	16.0%	15.3%	14.6%	13.9%	15.1%	14.4%
Unknown	0.0%	0.1%	0.8%	1.0%	2.2%	4.8%	1.6%	3.3%

- Crashes involving drivers ages 16-24 were most likely to occur between 3pm and 6pm (24%).
- For crashes involving drivers ages 16-24, the largest proportion of fatal crashes occurred between midnight-5am (24%), while the largest proportion of personal injury (25%) and property damage (24%) crashes occurred between 3pm-6pm.

TABLE 4
NYS Motor Vehicle Crashes Involving Drivers Ages 16-24
FATALITIES AND PERSONS INJURED

	2012	2013	2014	NYS Total 2014
Total Fatalities	313	307	240	1,026
Drivers	173 (55.3%)	174 (56.7%)	139 (57.9%)	55.7%
Passengers	91 (29.1%)	80 (26.1%)	58 (24.2%)	13.6%
Pedestrians	40 (12.8%)	49 (16.0%)	37 (15.4%)	26.1%
Bicyclists	9 (2.9%)	4 (1.3%)	6 (2.5%)	4.6%
Other	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.0%
Total Persons Injured	51,931	50,281	46,652	160,497
Drivers	34,290 (66.0%)	33,255 (66.1%)	31,012 (66.5%)	60.2%
Passengers	15,492 (29.8%)	14,899 (29.6%)	13,753 (29.5%)	26.8%
Pedestrians	1,510 (2.9%)	1,492 (3.0%)	1,321 (2.8%)	9.3%
Bicyclists	564 (1.1%)	568 (1.1%)	500 (1.1%)	3.5%
Other	75 (0.1%)	67 (0.1%)	66 (0.1%)	0.3%

- In 2014, drivers accounted for the majority of fatalities in both crashes involving drivers 16-24 years of age and crashes involving drivers of all ages (58% and 56%, respectively).
- Compared to fatalities in all crashes, fatalities in crashes involving drivers ages 16-24 were much more likely to be passengers (14% vs. 24% in 2014).
- Passengers also accounted for a larger proportion of the persons injured in crashes involving drivers ages 16-24 than in all crashes (30% vs. 27% in 2014).
- Pedestrians comprised much smaller proportions of the fatalities and persons injured in crashes involving drivers ages 16-24 than in all crashes (15% vs. 26% and 3% vs. 9%, respectively, in 2014).

TABLE 5
NYS Motor Vehicle Crashes Involving Drivers Ages 16-24
AGE OF PASSENGERS KILLED OR INJURED
IN VEHICLES WITH DRIVERS AGES 16-24: 2014

	Killed or Injured		NYS Total
Total	7,313		43,119
Under Age 4	216	3.0%	3.1%
Ages 4-6	112	1.5%	3.5%
Ages 7-15	591	8.1%	12.6%
Ages 16-17	812	11.1%	4.1%
Ages 18-20	1,693	23.2%	6.9%
Ages 21-24	1,653	22.6%	9.4%
Ages 25-29	629	8.6%	9.4%
Age 30 and Over	1,218	16.7%	43.8%
Unknown Age	389	5.3%	7.2%

- The largest proportions of passengers killed or injured in vehicles with drivers ages 16-24 were ages 18-20 (23%) and 21-24 (23%).
- Passengers ages 16-24 accounted for 57% of the passengers killed or injured in vehicles with drivers ages 16-24.
- Only 17% of the passengers killed or injured in vehicles with drivers ages 16-24 were age 30 or over, compared to 44% of the passengers riding with all drivers.

TABLE 6
NYS Motor Vehicle Crashes
RESTRAINT USE FOR VEHICLE OCCUPANTS AGES 16-24*: 2014

	Total	Restrained	% Restrained	NYS Total Drivers (% Restrained)
Total Vehicle Occupants Ages 16-24	117,007	106,989	91.4%	
Drivers Ages 16-24	79,090	74,301	93.9%	414,199 (89.4%)
Passengers Ages 16-24 in Vehicles with Drivers Ages 16-24	20,165	18,150	90.0%	
Passengers Ages 16-24 in Vehicles with Drivers of Other Ages	17,752	14,538	81.9%	
Total Killed	105	54	51.4%	
Drivers Ages 16-24	69	38	55.1%	436 (61.5%)
Passengers Ages 16-24 in Vehicles with Drivers Ages 16-24	29	15	51.7%	
Passengers Ages 16-24 in Vehicles with Drivers of Other Ages	7	1	14.3%	
Total Injured	24,168	21,084	87.2%	
Drivers Ages 16-24	15,850	14,459	91.2%	84,492 (91.3%)
Passengers Ages 16-24 in Vehicles with Drivers Ages 16-24	3,980	3,336	83.8%	
Passengers Ages 16-24 in Vehicles with Drivers of Other Ages	4,338	3,289	75.8%	
Total Uninjured	92,734	85,851	92.6%	
Drivers Ages 16-24	63,171	59,804	94.7%	329,271 (89.0%)
Passengers Ages 16-24 in Vehicles with Drivers Ages 16-24	16,156	14,799	91.6%	
Passengers Ages 16-24 in Vehicles with Drivers of Other Ages	13,407	11,248	83.9%	

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

- The overall restraint use for drivers ages 16-24 involved in crashes in 2014 was higher than the restraint use for passengers ages 16-24. Restraint use for drivers was 94%, compared to 90% for passengers ages 16-24 in vehicles with drivers ages 16-24 and 82% for passengers ages 16-24 in vehicles with drivers of other ages.
- Overall, drivers ages 16-24 were more likely to be restrained than drivers of all ages (94% vs. 89%, respectively); however, for drivers killed, drivers ages 16-24 were less likely to be restrained than all drivers (55% vs. 62%, respectively).
- Overall and for all injury levels, drivers ages 16-24 were more likely to be restrained than passengers ages 16-24 riding with drivers ages 16-24 or drivers of any age.

TABLE 7
NYS Fatal and Personal Injury (F&PI) Crashes Involving Drivers Ages 16-24*
SELECT CONTRIBUTING FACTORS ASSOCIATED WITH DRIVERS

	Drivers Ages 16-24			Total NYS
	2012	2013	2014	2014
Total Drivers	36,703	36,073	33,425	189,531
Select Factors				
Driver Inattention/Distraction	15.1%	14.9%	15.2%	13.2%
Driver Inexperience	4.4%	4.5%	4.2%	1.5%
Failure to Yield R.O.W.	12.6%	12.3%	12.5%	10.5%
Following Too Closely	14.0%	14.7%	15.1%	11.4%
Traffic Control Device Disregarded	4.0%	3.7%	3.7%	3.2%
Unsafe Speed	11.9%	12.1%	11.6%	6.4%
Cell Phone	0.3%	0.3%	0.3%	0.2%
Texting	<0.1%	<0.1%	<0.1%	<0.1%
Alcohol Involvement	2.9%	2.7%	2.4%	1.9%

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

- In 2014, “driver inattention/distraction” and “following too closely” were the two most frequently reported contributing factors for both drivers ages 16-24 (15% each) and for all drivers (13% and 11%, respectively) in F&PI crashes.
- Drivers ages 16-24 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% vs. 6% in 2014).
- As would be expected, drivers ages 16-24 were also more likely to have “driver inexperience” reported as a contributing factor in F&PI crashes (4% vs. 2%, respectively).

TABLE 8
NYS Traffic Tickets Issued to Drivers Ages 16-24
SELECT VIOLATIONS

	Drivers Ages 16-24			NYS Total
	2012	2013	2014	2014
Total Tickets Issued	828,571	805,312	777,037	3,584,382
Speeding	21.0%	21.1%	22.6%	18.5%
License	8.2%	8.0%	7.7%	6.2%
Traffic Device/Stop Sign	9.3%	9.7%	10.1%	12.6%
Seat Belts	5.8%	5.3%	4.6%	5.5%
Cell Phone	3.1%	3.0%	2.3%	4.6%
Texting	0.8%	1.3%	1.6%	2.1%
Total TSLED Tickets Issued	618,190	617,805	604,580	2,369,463
Impaired Driving	2.9%	2.6%	2.5%	2.7%

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. All tickets issued for impaired driving are being captured in TSLED, with the exception of those issued in New York City. It should also be noted that TSLED did not begin capturing all tickets issued for impaired driving in Suffolk County until 2014.

- The largest proportion of tickets issued to drivers each year was for speeding violations. In 2014, 23% of the tickets issued to drivers ages 16-24 were for speeding violations, compared to 19% of the tickets issued to all drivers.
- Drivers ages 16-24 were less likely than all drivers to be issued tickets for cell phone and texting violations in 2014 (4% vs. 7%).

TABLE 9
NYS Motor Vehicle Fatal and Personal Injury (F&PI) Crashes Involving Drivers Ages 16-24
SEVERITY OF CRASH, FATALITIES & PERSONS INJURED, AND DRIVERS INVOLVED
BY REGION OF THE STATE*: 2014

	UPSTATE	NYC	LONG ISLAND	NYS F&PI Involving Drivers Ages 16-24
F&PI Crashes (% of total)	15,987 (49.3%)	8,081 (24.9%)	8,216 (25.4%)	32,397
Fatal (% of total)	125 (58.7%)	38 (17.8%)	50 (23.5%)	213
Personal Injury (% of total)	15,862 (49.3%)	8,043 (25.0%)	8,166 (25.4%)	32,184
Fatalities (% of total)	135 (56.3%)	45 (18.8%)	60 (25.0%)	240
Persons Injured (% of total)	21,902 (46.9%)	12,401 (26.6%)	12,208 (26.2%)	46,652
Drivers Involved Ages 16-24 (% of total)	17,480 (49.4%)	8,591 (24.3%)	9,173 (25.9%)	35,368
Male Drivers Ages 16-24 (% of total NYS)	9,117 (45.3%)	5,964 (29.6%)	4,986 (24.8%)	20,129
Female Drivers Ages 16-24 (% of total NYS)	8,363 (54.9%)	2,627 (17.2%)	4,187 (27.5%)	15,238
** Licensed Drivers Ages 16-24 (% of total)	662,121 (56.5%)	255,144 (21.8%)	252,412 (21.5%)	1,172,947

*Note: Regional data may not sum to statewide due to missing data.

**Note: The number of NYS licensed drivers by age and county was not available for 2014 at the time this report was produced; 2013 data was substituted.

- 49% of the F&PI crashes involving drivers ages 16-24 occurred in the Upstate region, 25% in New York City and 25% on Long Island.
- 56% of the fatalities in crashes involving drivers 16-24 occurred on roadways in the Upstate region, while 19% happened on roadways in New York City and 25% occurred on Long Island highways.
- Drivers ages 16-24 are underrepresented in F&PI crashes in the Upstate region and overrepresented in crashes in the New York City and Long Island regions.