

NEW YORK STATE FACT SHEET ON YOUNG DRIVERS AGES 21-24

PREPARED BY THE INSTITUTE FOR TRAFFIC SAFETY MANAGEMENT & RESEARCH

TABLE 1
NYS Motor Vehicle Crashes Involving Drivers Ages 21-24
SEVERITY OF CRASH, FATALITIES & PERSONS INJURED, AND DRIVERS INVOLVED

	2012	2013	2014
Crashes (% of total NYS)	45,175 (15.3%)	46,712 (15.3%)	44,778 (15.0%)
Fatal (% of total NYS)	160 (14.8%)	154 (13.9%)	127 (13.1%)
Personal Injury (% of total NYS)	19,738 (16.0%)	19,959 (16.0%)	18,700 (15.8%)
Property Damage Only (% of total NYS)	25,277 (14.8%)	26,599 (14.8%)	25,951 (14.4%)
Fatalities (% of total NYS)	174 (15.0%)	173 (14.6%)	136 (13.3%)
Driver Fatalities Ages 21-24 (% of total NYS)	70 (11.4%)	71 (11.4%)	52 (9.1%)
Persons Injured (% of total NYS)	28,937 (17.1%)	29,069 (17.2%)	27,102 (16.9%)
Drivers Involved Ages 21-24 (% of total NYS)	47,371 (9.8%)	48,850 (9.8%)	46,832 (9.6%)
Male Drivers Ages 21-24 (% of total NYS)	27,411 (10.1%)	28,140 (10.1%)	26,992 (9.8%)
Female Drivers Ages 21-24 (% of total NYS)	19,958 (10.9%)	20,709 (10.9%)	19,839 (10.7%)
*Licensed Drivers Ages 21-24 (% of total NYS)	692,513 (6.2%)	694,750 (6.1%)	694,750 (6.1%)

**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.*

- 15% of all motor vehicle crashes in 2012-2014 involved drivers ages 21-24; the number of crashes dropped from 45,175 in 2012 to 44,778 in 2014, a decrease of less than 1%.
- 13%-15% of all motor vehicle fatalities in 2012-2014 occurred in crashes involving drivers ages 21-24.
- The number of fatalities in crashes involving drivers ages 21-24 dropped from 174 in 2012 to 136 in 2014, a decrease of 22%. In 2014, 52 drivers ages 21-24 were killed in crashes, down from 70 in 2012, representing a decrease of 26%.
- The number of persons injured in crashes involving drivers ages 21-24 declined from 28,937 in 2012 to 27,102 in 2014, a decrease of 6%.
- Drivers ages 21-24 are overrepresented in crashes; 10% of the drivers involved in crashes in 2012-2014 were ages 21-24, compared to 6% of all licensed drivers.

TABLE 2
NYS Fatal & Personal Injury (F&PI) Crashes Involving Drivers Ages 21-24
VEHICLES AND PASSENGERS INVOLVED

	2012	2013	2014	NYS F&PI 2014
Fatal & Personal Injury Crashes	19,898	20,113	18,827	119,431
Crashes Involving Single Vehicle	20.9%	20.2%	19.4%	31.9%
Crashes Involving Multiple Vehicles	79.1%	79.8%	80.6%	68.1%
Drivers Ages 21-24 in F&PI Crashes	20,951	21,110	19,787	207,351
With No Passengers*	69.5%	69.5%	69.9%	71.0%
With Passengers	30.5%	30.5%	30.1%	29.0%

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

- F&PI crashes involving drivers ages 21-24 were more likely to involve multiple vehicles than all F&PI crashes (81% vs. 68% in 2014).
- The proportion of drivers ages 21-24 involved in F&PI crashes who drive with passengers was similar to the proportion of all drivers in F&PI crashes (30% vs. 29%, respectively in 2014).

TABLE 3
NYS Motor Vehicle Crashes Involving Drivers Ages 21-24
TIME OF DAY: 2014

Time of Day	Fatal		Personal Injury		Property Damage Only		Total Crashes	
	Involving Drivers Ages 21-24 (N=127)	Involving All Drivers (N=966)	Involving Drivers Ages 21-24 (N=18,700)	Involving All Drivers (N=118,465)	Involving Drivers Ages 21-24 (N=25,951)	Involving All Drivers (N=180,021)	Involving Drivers Ages 21-24 (N=44,778)	Involving All Drivers (N=299,452)
9pm-Mid	15.7%	13.0%	9.5%	8.6%	9.0%	8.1%	9.2%	8.3%
Mid-5am	26.8%	17.6%	8.3%	6.1%	7.7%	6.1%	8.0%	6.1%
5am-9am	11.8%	14.3%	12.4%	13.2%	14.1%	15.2%	13.4%	14.4%
9am-Noon	10.2%	11.0%	12.8%	14.3%	12.7%	14.0%	12.7%	14.1%
Noon-3pm	11.8%	14.1%	17.1%	18.3%	17.0%	16.9%	17.0%	17.4%
3pm-6pm	7.1%	16.0%	23.5%	23.2%	22.6%	21.0%	22.9%	21.9%
6pm-9pm	16.5%	13.9%	15.7%	15.3%	14.4%	13.9%	15.0%	14.4%
Unknown	0.0%	0.1%	0.9%	1.0%	2.4%	4.8%	1.8%	3.3%

- Crashes involving drivers ages 21-24 were most likely to occur between 3pm and 6pm (23%).
- For crashes involving drivers ages 21-24, the largest proportion of fatal crashes occurred between midnight-5am (27%) while the largest proportions of personal injury crashes (24%) and property damage crashes (23%) occurred between 3pm-6pm.

TABLE 4
NYS Motor Vehicle Crashes Involving Drivers Ages 21-24
FATALITIES AND PERSONS INJURED

	2012	2013	2014	NYS Total 2014
Total Fatalities	174	173	136	1,026
Drivers	101 (58.1%)	106 (61.3%)	83 (61.0%)	55.7%
Passengers	48 (27.6%)	35 (20.2%)	29 (21.3%)	13.6%
Pedestrians	20 (11.5%)	29 (16.8%)	21 (15.4%)	26.1%
Bicyclists	5 (2.9%)	3 (1.7%)	3 (2.2%)	4.6%
Other	0 (0.0%)	0 (0.0%)	0 (0.0%)	0.0%
Total Persons Injured	28,937	29,069	27,102	160,497
Drivers	19,261 (66.6%)	19,308 (66.4%)	18,037 (66.6%)	60.2%
Passengers	8,350 (28.9%)	8,402 (28.9%)	7,873 (29.0%)	26.8%
Pedestrians	932 (3.2%)	971 (3.3%)	842 (3.1%)	9.3%
Bicyclists	350 (1.2%)	346 (1.2%)	314 (1.2%)	3.5%
Other	44 (0.2%)	42 (0.1%)	36 (0.1%)	0.3%

- In 2014, drivers accounted for 61% of the fatalities in crashes involving drivers 21-24 years of age, compared to 56% of the fatalities in crashes involving drivers of all ages.
- Passengers were a larger portion of the fatalities in crashes involving drivers ages 21-24 than in all crashes (21% vs. 14% in 2014).
- Passengers accounted for a slightly larger proportion of the persons injured in crashes involving drivers ages 21-24 than in all crashes (29% vs. 27% in 2014).
- Pedestrians comprised much smaller proportions of the fatalities and persons injured in crashes involving drivers ages 21-24 than in all crashes (15% vs. 26% and 3% vs. 9%, respectively, in 2014).

TABLE 5
NYS Motor Vehicle Crashes Involving Drivers Ages 21-24
AGE OF PASSENGERS KILLED OR INJURED
IN VEHICLES WITH DRIVERS AGES 21-24: 2014

	Killed or Injured		NYS Total
Total	3,927		43,119
Under Age 4	168	4.3%	3.1%
Ages 4-6	95	2.4%	3.5%
Ages 7-15	208	5.3%	12.6%
Ages 16-17	109	2.8%	4.1%
Ages 18-20	582	14.8%	6.9%
Ages 21-24	1,243	31.7%	9.4%
Ages 25-29	484	12.3%	9.4%
Age 30 and Over	788	20.1%	43.8%
Unknown Age	250	6.4%	7.2%

- The largest proportion of passengers killed or injured in vehicles with drivers ages 21-24 were ages 21-24 (32%).
- Passengers ages 18-24 accounted for 47% of the passengers killed or injured in vehicles with drivers ages 21-24.
- Only 20% of the passengers killed or injured in vehicles with drivers ages 21-24 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 21-24*: 2014

	Total	Restrained	% Restrained	NYS Total Drivers (% Restrained)
Total Vehicle Occupants Ages 21-24	57,460	52,430	91.2%	
Drivers Ages 21-24	42,119	39,296	93.3%	414,199 (89.4%)
Passengers Ages 21-24 in Vehicles with Drivers Ages 21-24	5,294	4,747	89.7%	
Passengers Ages 21-24 in Vehicles with Drivers of Other Ages	10,047	8,387	83.5%	
Total Killed	55	27	49.1%	
Drivers Ages 21-24	38	20	52.6%	436 (61.5%)
Passengers Ages 21-24 in Vehicles with Drivers Ages 21-24	9	6	66.7%	
Passengers Ages 21-24 in Vehicles with Drivers of Other Ages	8	1	12.5%	
Total Injured	12,639	10,989	86.9%	
Drivers Ages 21-24	8,830	7,987	90.5%	84,492 (91.3%)
Passengers Ages 21-24 in Vehicles with Drivers Ages 21-24	1,173	992	84.6%	
Passengers Ages 21-24 in Vehicles with Drivers of Other Ages	2,636	2,010	76.3%	
Total Uninjured	44,766	41,414	92.5%	
Drivers Ages 21-24	33,251	31,289	94.1%	339,271 (89.0%)
Passengers Ages 21-24 in Vehicles with Drivers Ages 21-24	4,112	3,749	91.2%	
Passengers Ages 21-24 in Vehicles with Drivers of Other Ages	7,403	6,376	86.1%	

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

- The overall restraint use for drivers ages 21-24 was higher than the restraint use for passengers ages 21-24. Restraint use for drivers was 93%, compared to 90% for passengers ages 21-24 in vehicles with drivers ages 21-24 and 84% for passengers ages 21-24 in vehicles with drivers of other ages.
- For drivers killed, drivers ages 21-24 were less likely to be restrained than drivers of all ages (53% vs. 62%, respectively).
- 91% of the drivers ages 21-24 injured in crashes were restrained; passengers ages 21-24 injured in crashes had lower use rates whether riding with drivers of the same age or with drivers of any age (85% and 76%, respectively).

TABLE 7
NYS Fatal and Personal Injury (F&PI) Crashes Involving Drivers Ages 21-24*
SELECT CONTRIBUTING FACTORS ASSOCIATED WITH DRIVERS

	Drivers Ages 21-24			Total NYS
	2012	2013	2014	2014
Total Drivers	19,595	19,831	18,517	189,531
Select Factors				
Driver Inattention/Distracted	14.3%	14.2%	14.5%	13.2%
Driver Inexperience	2.5%	2.3%	2.2%	1.5%
Failure to Yield ROW	10.6%	10.4%	10.7%	10.5%
Following Too Closely	13.3%	14.0%	14.7%	11.4%
Traffic Control Device Disregarded	3.7%	3.7%	3.6%	3.2%
Unsafe Speed	10.3%	10.9%	10.5%	6.4%
Cell Phone	0.3%	0.3%	0.3%	0.2%
Texting	<0.1%	<0.1%	<0.1%	<0.1%
Alcohol Involvement	3.7%	3.4%	3.2%	1.9%

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

- In 2014, “driver inattention/distracted” and “following too closely” were the two most frequently reported contributing factors for both drivers ages 21-24 (15% and 15%, respectively) and for all drivers (13% and 11%, respectively) in F&PI crashes.
- Drivers ages 21-24 in F&PI crashes were more likely than all drivers in F&PI crashes to have “unsafe speed” reported as a contributing factor (11% vs. 6% in 2014).
- Drivers ages 21-24 were slightly more likely than all drivers to have “alcohol involvement” reported as a contributing factor in F&PI crashes (3% vs. 2% in 2014).

TABLE 8
NYS Traffic Tickets Issued to Drivers Ages 21-24
SELECT VIOLATIONS

	Drivers Ages 21-24			NYS Total
	2012	2013	2014	2014
Total Tickets Issued	505,458	501,878	486,979	3,584,382
Speeding	19.3%	19.4%	20.9%	18.5%
License	8.2%	8.1%	7.8%	6.2%
Traffic Device/Stop Sign	9.2%	9.7%	10.2%	12.6%
Seat Belts	6.0%	5.5%	4.8%	5.5%
Cell Phone	3.7%	3.5%	2.7%	4.6%
Texting	0.9%	1.5%	1.9%	2.1%
Total TSLED Tickets Issued	360,687	366,994	361,329	2,369,463
Impaired Driving	3.6%	3.2%	3.1%	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, 21% of the tickets issued to drivers ages 21-24 were for speeding violations, compared to 19% of the tickets issued to all drivers.
- Drivers ages 21-24 were less likely than all drivers to be issued tickets for cell phone and texting violations in 2014 (5% vs. 7%).

TABLE 9
NYS Motor Vehicle Fatal and Personal Injury (F&PI) Crashes Involving Drivers Ages 21-24
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 21-24
F&PI Crashes (% of total)	8,581 (45.6%)	5,655 (30.0%)	4,523 (24.0%)	18,827
Fatal (% of total)	69 (54.3%)	22 (17.3%)	36 (28.3%)	127
Personal Injury (% of total)	8,512 (45.5%)	5,633 (30.1%)	4,487 (24.0%)	18,700
Fatalities (% of total)	75 (55.1%)	22 (16.2%)	39 (28.7%)	136
Persons Injured (% of total)	11,692 (43.1%)	8,567 (31.6%)	6,762 (25.0%)	27,102
Drivers Involved Ages 21-24 (% of total)	9,014 (45.6%)	5,914 (29.9%)	4,789 (24.2%)	19,787
Male Drivers Ages 21-24 (% of total NYS)	4,705 (41.0%)	4,096 (35.7%)	2,625 (22.9%)	11,464
Female Drivers Ages 21-24 (% of total NYS)	4,309 (51.8%)	1,818 (21.8%)	2,164 (26.0%)	8,323
** Licensed Drivers Ages 21-24 (% of total)	370,700 (53.6%)	181,270 (26.2%)	139,932 (20.2%)	694,750

*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.

- In 2014, 46% of the F&PI crashes involving drivers ages 21-24 occurred in the Upstate region, 30% took place in New York City and 24% on Long Island.
- 55% of the fatalities that occurred in crashes involving drivers ages 21-24 occurred in the Upstate region; 16% in New York City and 29% on Long Island.
- Drivers ages 21-24 are underrepresented in F&PI crashes in the Upstate region and overrepresented in crashes in the New York City and Long Island regions.