

2013-2017 NEW JERSEY YOUNG DRIVERS REPORT



NJ Office of the Attorney General
Division of Highway Traffic Safety

Young Driver Crashes in New Jersey, 2013-2017

Overview

Motor vehicle crashes are the leading cause of death and acquired disability to US adolescents. To address this public health problem, New Jersey (NJ) enacted one of the most comprehensive Graduated Driver Licensing (GDL) laws in the US in 2001; the state also has the highest minimum age of licensure requirement and one of the lowest fatality rates among young drivers and their peer passengers ([Curry et al, Miles to Go, 2012](#)). Although GDL provisions have been proven effective at reducing fatal young driver crashes, crashes continue to be the leading health threat to New Jersey's youth. Thus, continuing to monitor the number of crashes involving young drivers is critically important in the effort to improve the health and well-being of New Jersey's youth. This report is designed to provide New Jersey's traffic safety advocates and educators with comprehensive data on the state's young driver crashes to assist them in their work to further reduce the burden of these crashes.

This report describes young driver crashes occurring in NJ over the five-year period from 2013 through 2017, with special focus on the crashes that occurred in 2017. For purposes of the report, young drivers are defined as drivers who are 16 to 20 years old at the time of their crash. Sixteen-year-old drivers may only hold a permit, 17-year-old drivers may hold either a permit or a probationary license, and 18- to 20-year-old drivers may hold a permit, probationary license, or basic license. Since crash risk varies substantially by a driver's age, when appropriate this report presents data by single years of age rather than grouping all young drivers together. Data for the report comes from two sources: the NJ Motor Vehicle Commission's Licensing Database and the NJ Department of Transportation's Crash Record Database. These two databases were individually linked in order to connect each driver who crashed with their complete NJ license record and to provide per-driver crash rates.

From 2013 through 2017, there were 204,703 young driver crashes in NJ: 42,809 crashes in 2013; 40,718 in 2014; 40,498 in 2015; 41,178 in 2016; and 39,500 in 2017. In 2017, young drivers made up 7% of all drivers in NJ but accounted for 11% of all crashes; they also have the highest per-driver crash rates of any age group. In total, there were 216,935 young drivers involved in these crashes, or 43,387 per year on average during the period. Fortunately, there has been a substantial 8% decrease in the number of crash-involved young drivers over the five-year period: from 45,498 in 2013 to 41,816 in 2017.

There were more male than female young drivers involved in crashes and, relative to 17- to 20-year-olds, few 16-year-old drivers were involved in crashes. The majority of young driver crashes involved more than one vehicle. Crashes occurred year-round, with somewhat more crashes occurring during the months of June, May, July, August, October, and December. Friday was the most common day of the week for crashes and afternoon the most common time of day, with over one-quarter of all crashes occurring from 2:00 p.m. to 4:59 p.m. In 2017, 71% of young drivers involved in crashes had a crash-contributing circumstance noted; the most common was driver inattention (39% of drivers). Additionally, in 2017, 26% of the young drivers involved in a police-reported crash were issued one or more citations by an investigating officer. Careless driving was the most common citation issued (48% of all citations). County-specific data can be found in sections beginning on page 15 and town-specific data in the section beginning on page 18.

Overall Crashes

Overall, there were 216,935 young drivers involved in crashes from 2013 through 2017 in NJ (Table 1A, Figure 1A). The number of crash-involved young drivers decreased in most years and a total of 8% over the period: from 45,498 in 2013 to 41,816 in 2017. There also was a decrease in the number of drivers of each age, with the decrease most pronounced for 16-year-old drivers (20%), followed by 20-year-old drivers (9%), 18-year-old drivers (8%), and 17- and 19-year-old drivers (both 7%). Only 1% of young drivers who crashed were 16 years old at the time of the crash, reflecting the lower crash risk among permitted drivers; each of the other ages composed approximately 25% of the young drivers who crashed.

Each year, 54-55% of young drivers involved in crashes were male (Table 1B, Figure 1B). In 2017, the difference by sex was slightly lower for 16- and 17-year-old drivers (49% and 51% were males, respectively) than for 18- to 20-year-old drivers (54%-55% in each age were males). The decrease in the number of crashes from 2013 to 2017 was similar for male and female young drivers (about 8%) as shown in Table 1C, Figure 1B.

AGE AT CRASH	2013	2014	2015	2016	2017	TOTALS
16	681	649	577	539	542	2988
17	10,879	10,371	10,212	10,233	10,067	51,762
18	11,594	10,738	10,656	11,214	10,638	54,840
19	11,057	10,811	10,689	10,706	10,276	53,539
20	11,287	10,512	10,809	10,905	10,293	53,806
TOTALS	45,498	43,081	42,943	43,597	41,816	216,935

FIGURE 1A: YOUNG DRIVERS (16-20) INVOLVED IN CRASHES IN NJ, BY YEAR, 2013–2017

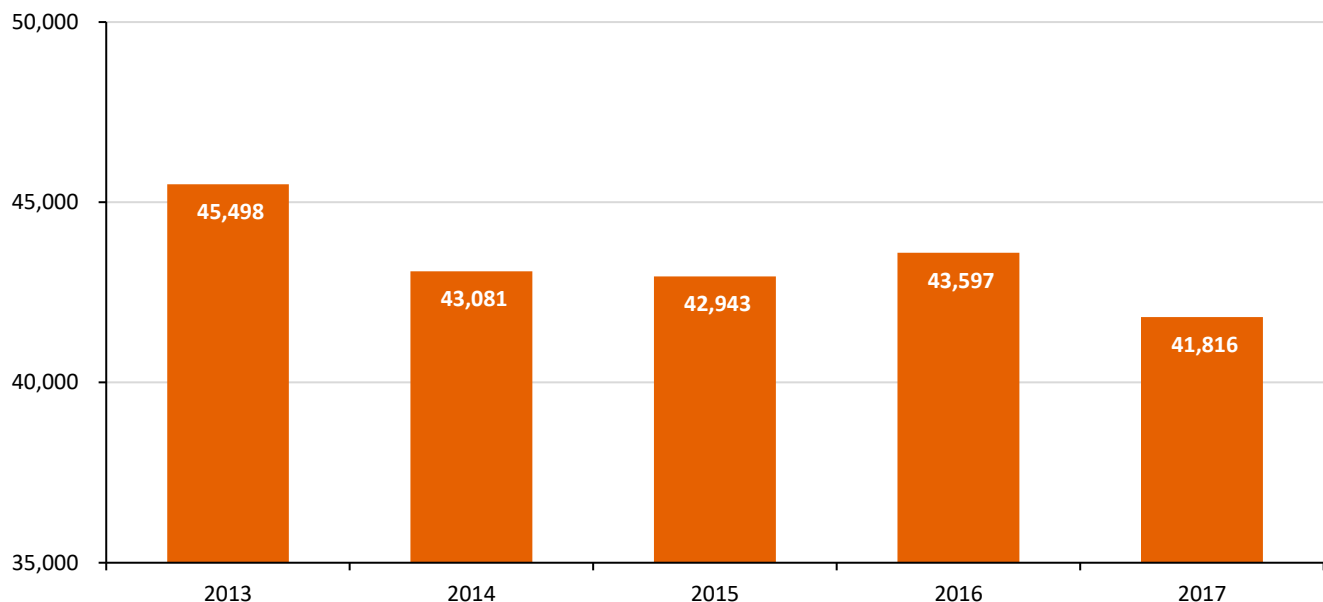


TABLE 1B: MALE YOUNG DRIVERS INVOLVED IN CRASHES IN NJ, BY YEAR AND DRIVER AGE, 2013-2017

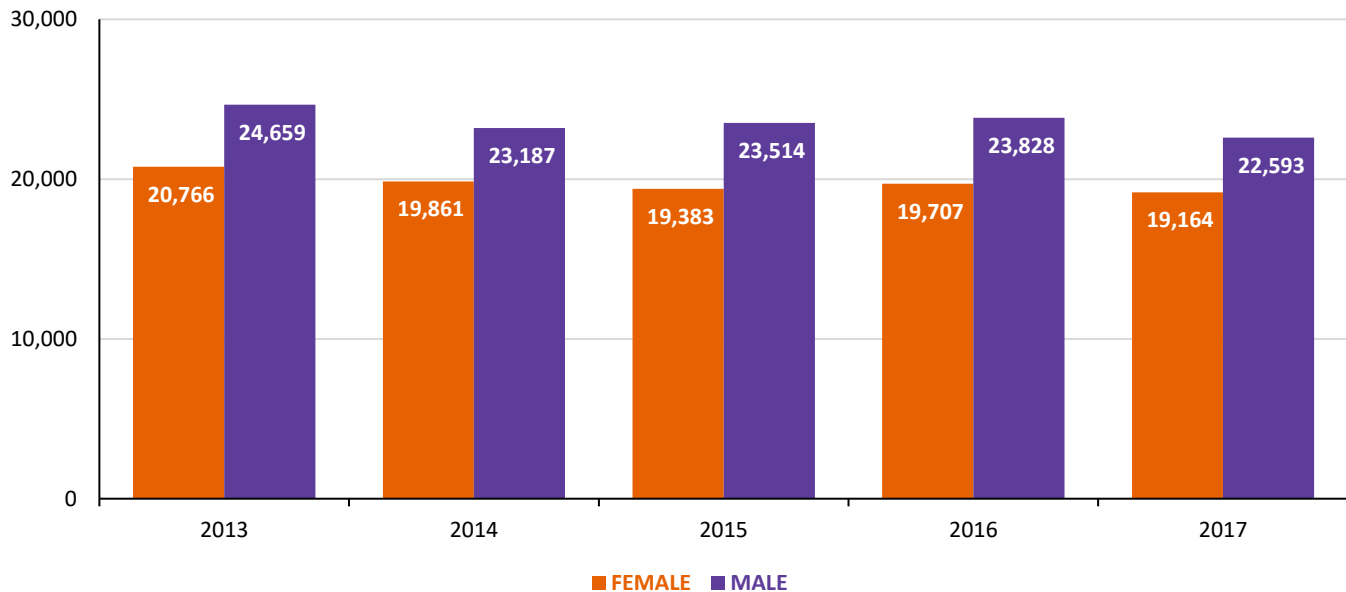
AGE AT CRASH	2013	2014	2015	2016	2017	TOTALS
16	346	330	288	282	263	1,509
17	5,621	5,292	5,375	5,298	5,175	26,761
18	6,497	5,897	5,852	6,232	5,873	30,351
19	6,055	5,931	5,912	5,984	5,704	29,586
20	6,140	5,737	6,087	6,032	5,578	29,574
TOTALS	24,659	23,187	23,514	23,828	22,593	117,781

Note: The number of young drivers for whom sex was not recorded on the crash report ranges from 33 to 73 drivers per year.

TABLE 1C: FEMALE YOUNG DRIVERS INVOLVED IN CRASHES IN NJ, BY YEAR AND DRIVER AGE, 2013-2017

AGE AT CRASH	2013	2014	2015	2016	2017	TOTALS
16	332	319	287	255	277	1,470
17	5,248	5,073	4,828	4,922	4,878	24,949
18	5,088	4,836	4,792	4,969	4,756	24,441
19	4,977	4,870	4,766	4,704	4,561	23,878
20	5,121	4,763	4,710	4,857	4,692	24,143
TOTALS	20,766	19,861	19,383	19,707	19,164	98,881

Note: The number of young drivers for whom sex was not recorded on the crash report ranges from 33 to 73 drivers per year.

FIGURE 1B: YOUNG DRIVERS (16-20) INVOLVED IN CRASHES IN NJ, BY YEAR AND GENDER, 2013-2017

Fatalities and Injuries

Young drivers are not the only ones affected when they crash. Thus, in addition to young drivers themselves, the report identifies two other important groups: (1) 16- to 20-year-old passengers of young drivers (“young passengers of young drivers”); and (2) all others involved in young driver crashes (“all others”), which includes young drivers’ passengers who are younger than age 16 or older than age 20, older drivers and their passengers (some of whom are 16 to 20 years old) in other vehicles, and pedestrians.

During the five-year period, there were 299 fatalities associated with young driver crashes, with an average of 60 fatalities per year (68 in 2016) (Figure 2). Nearly one-third of all fatalities (32%) were to the young driver themselves, while 13% were to the young passengers of young drivers and over half (55%) were to someone else. This is consistent with national data from 2017 in which, among crashes involving 15- to 20-year-old drivers, the drivers themselves accounted for 39% of the fatalities ([National Highway Traffic Safety Administration, 2019](#)).

The number of fatalities among young drivers was generally highest for 19- and 20-year-olds (Table 2). In each year, there were from one to three fatalities to a passenger under age 16 driven by a young driver.

Each year, approximately 61% of those involved in young driver crashes were people other than the young driver. Annually, an average of more than 14,000 people experience a non-fatal injury (complaint of pain, moderate injury, or incapacitated)—13% of all those involved in a young driver crash (Table 3A).

FIGURE 2: NUMBER OF FATALITIES IN YOUNG DRIVER CRASHES, 2010-2014

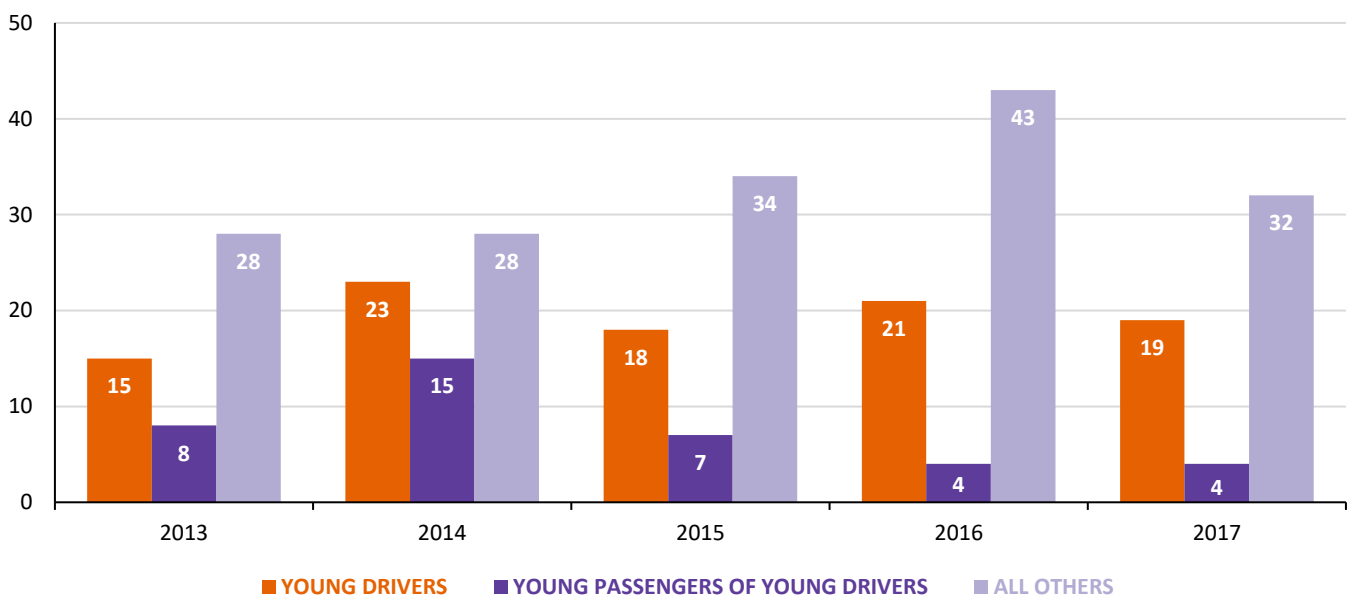


TABLE 2: FATALITIES AMONG YOUNG DRIVERS AND THEIR YOUNG PASSENGERS, BY YEAR AND OCCUPANT AGE, 2013-2017

YEAR	VICTIM CLASSIFICATION	----- AGE AT CRASH -----					TOTALS
		16	17	18	19	20	
2013	YOUNG DRIVERS	0	1	6	3	5	15
	YOUNG PASSENGERS OF YOUNG DRIVERS	0	1	3	2	2	8
2014	YOUNG DRIVERS	0	3	6	7	7	23
	YOUNG PASSENGERS OF YOUNG DRIVERS	1	4	2	4	4	15
2015	YOUNG DRIVERS	0	4	2	7	5	18
	YOUNG PASSENGERS OF YOUNG DRIVERS	1	2	3	1	0	7
2016	YOUNG DRIVERS	2	4	5	6	4	21
	YOUNG PASSENGERS OF YOUNG DRIVERS	0	1	1	1	1	4
2017	YOUNG DRIVERS	2	2	5	4	6	19
	YOUNG PASSENGERS OF YOUNG DRIVERS	2	0	1	1	0	4
TOTALS	YOUNG DRIVERS	4	14	24	27	27	96
	YOUNG PASSENGERS OF YOUNG DRIVERS	4	8	10	9	7	38

TABLE 3A: PHYSICAL CONDITION AMONG THOSE INVOLVED IN YOUNG DRIVER CRASHES, BY YEAR AND GROUP, 2013-2017									
YEAR	PHYSICAL CONDITION	----- NON-FATAL INJURIES -----					UNINJURED	UNKNOWN	TOTALS
		KILLED	INCAPACITATED	MODERATE INJURY	COMPLAINT OF PAIN				
2013	YOUNG DRIVERS	15	55	969	4,245	39,095	233	44,612	
	YOUNG PASSENGERS OF YOUNG DRIVERS	8	18	261	1,048	10,489	61	11,885	
	ALL OTHERS	28	76	1,005	7,494	47,893	350	56,846	
2014	YOUNG DRIVERS	23	54	849	3,994	37,151	240	42,311	
	YOUNG PASSENGERS OF YOUNG DRIVERS	15	24	251	972	9,759	53	11,074	
	ALL OTHERS	28	68	800	7,205	45,422	375	53,898	
2015	YOUNG DRIVERS	18	41	918	4,051	36,982	407	42,417	
	YOUNG PASSENGERS OF YOUNG DRIVERS	7	26	181	982	9,636	89	10,921	
	ALL OTHERS	34	61	907	7,532	45,591	622	54,747	
2016	YOUNG DRIVERS	21	51	891	4,257	37,359	432	43,011	
	YOUNG PASSENGERS OF YOUNG DRIVERS	4	11	233	1,069	9,470	98	10,885	
	ALL OTHERS	43	64	864	7,693	46,386	694	55,744	
2017	YOUNG DRIVERS	19	53	821	3,934	36,201	412	41,440	
	YOUNG PASSENGERS OF YOUNG DRIVERS	4	17	232	925	9,488	100	10,766	
	ALL OTHERS	32	89	833	7,434	45,513	628	54,529	

TABLE 3B: PHYSICAL CONDITION AMONG THOSE INVOLVED IN YOUNG DRIVER CRASHES, BY GROUP, 2017								
PHYSICAL CONDITION	----- YOUNG DRIVERS -----		YOUNG PASSENGERS OF ----- YOUNG DRIVERS -----		----- ALL OTHERS -----		----- TOTALS -----	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
KILLED	19	0	4	0	32	0.1	55	0.1
INCAPACITATED	53	0.1	17	0.2	89	0.2	159	0.1
MODERATE INJURY	821	2	232	2.2	833	1.5	1,886	1.8
COMPLAINT OF PAIN	3,934	9.5	925	8.6	7,434	13.6	12,293	11.5
UNINJURED	36,201	87.4	9,488	88.1	45,513	83.5	91,202	85.4
UNKNOWN	412	1	100	0.9	628	1.2	1,140	1.1
TOTALS	41,440	100	10,766	100	54,529	100	106,735	100

Licensed Young Drivers and Crashes Among Licensed Drivers

The annual number of young drivers in NJ with a learner’s permit, probationary license, and basic license is shown in Table 4 and the five-year trend shown in Figure 3. The number of young drivers with a probationary license has increased over the five-year period: from 162,016 in 2013 to 173,867 in 2014 (a 7% increase). Conversely, the number of young drivers with a basic license decreased over the time period from 174,083 in 2013 to 159,067 in 2017 (a 9% decrease). The number with a learner’s permit was also decreased over the time period from 102,140 in 2013 to 88,539 in 2017 (a 13% decrease).

Sixteen-year-old drivers may only hold a permit, 17-year-old drivers may hold either a permit or a probationary license, and 18- to 20-year-old drivers may hold a permit, probationary license, or basic license. Each year, nearly three-quarters of 17-year-olds who have started the licensing process had a probationary license. The proportion of 18-year-olds who had a basic license decreased from 40% in 2013 to 36% in 2017; the proportion of 19-year-olds who had a basic license also decreased, although the decrease was smaller (61% in 2013 versus 59% in 2017). The proportion of 20-year-olds with a basic license ranged from 68% to 70% per year.

Figure 4A shows age group-specific percentages of all NJ permitted and licensed drivers and of crash-involved NJ permitted and licensed drivers. Younger drivers were over-represented in crashes—that is, the percentage of crash-involved drivers was higher than the percentage of licensed drivers. The two percentages were nearly equal at age 40, while the percentage of crash-involved drivers was lower than that of licensed drivers for those aged 45 or older, indicating that older drivers were under-represented in crashes. Since crash risk varies substantially by driver age, it is important to examine crash rates by single years of age. Over-representation in crashes is greatest for 17-year-olds and decreases with each year of age (Figure 4B). As shown in Table 5, the driver crash involvement rate dropped steadily with age, from 11 per 100 licensed drivers at age 17 to 3 per 100 licensed drivers at ages 85 to 90. For most age groups, crash involvement rates were higher for males than for females.

TABLE 4: NUMBER OF YOUNG DRIVERS*, BY LICENSE TYPE AND AGE, 2013-2017							
YEAR	LICENSE TYPE	AGE					TOTALS
		16	17	18	19	20	
2013	PERMIT	48,690	23,676	13,257	9,179	7,338	102,140
	PROBATIONARY		60,927	45,849	30,686	24,554	162,016
	BASIC			38,883	61,757	73,443	174,083
2014	PERMIT	47,735	23,703	13,141	9,098	6,777	100,454
	PROBATIONARY		61,042	46,258	31,762	25,822	164,884
	BASIC			37,215	61,343	71,547	170,105
2015	PERMIT	47,607	23,843	13,110	9,100	6,579	100,239
	PROBATIONARY		60,329	47,276	31,757	26,299	165,661
	BASIC			36,096	59,747	71,689	167,532
2016	PERMIT	47,759	21,511	10,712	7,751	5,740	93,473
	PROBATIONARY		61,510	49,612	33,295	26,914	171,331
	BASIC			33,999	58,403	69,684	162,086
2017	PERMIT	48,462	20,994	8,880	5,673	4,530	88,539
	PROBATIONARY		61,370	50,363	34,337	27,797	173,867
	BASIC			33,569	56,950	68,548	159,067

* License type and age were determined on July 1 of each year.
Numbers exclude drivers who were unlicensed or suspended on July 1.

FIGURE 3: NUMBER OF YOUNG DRIVERS, BY LICENSE TYPE AND AGE, 2013-2017

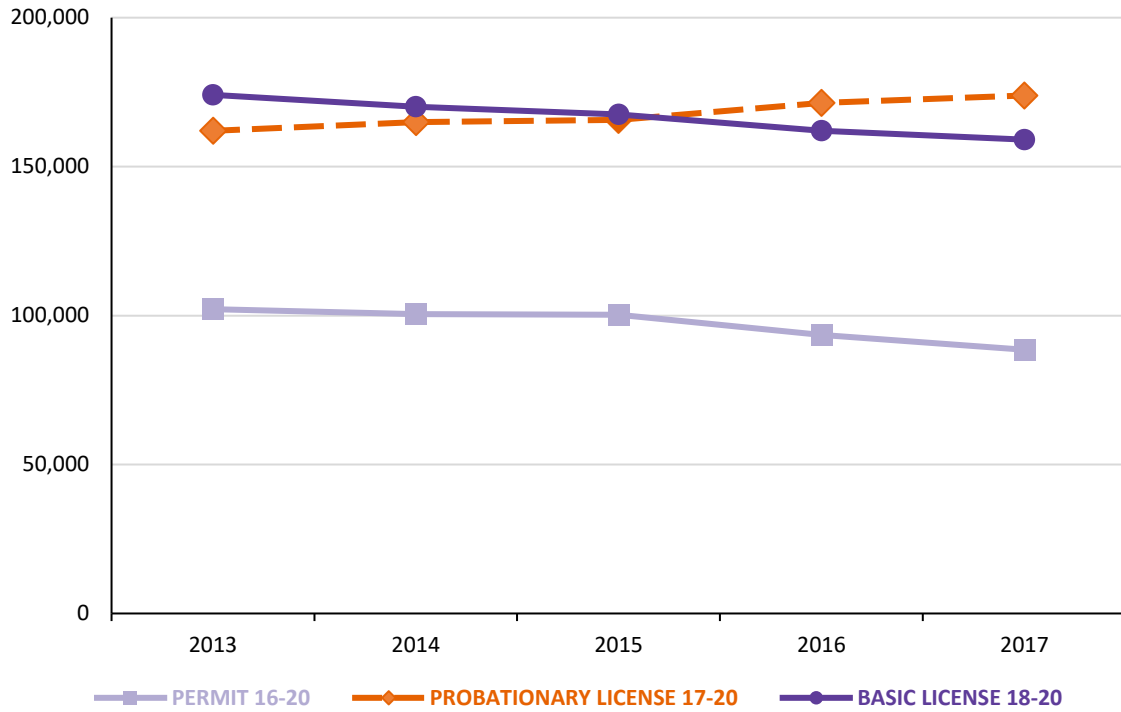
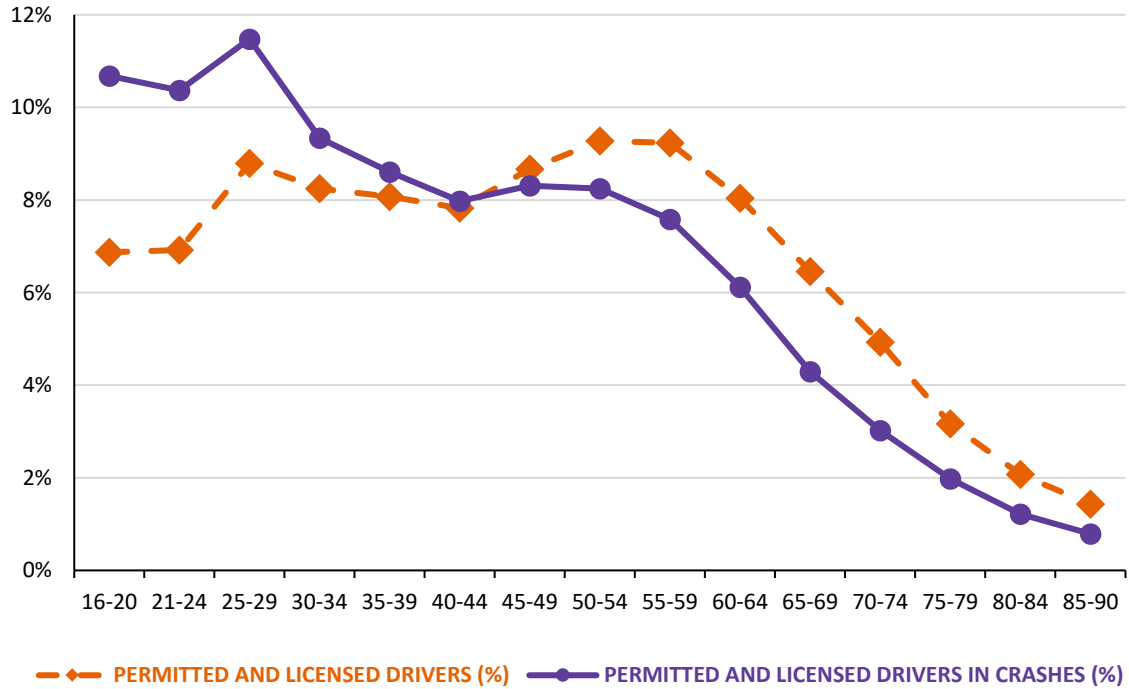
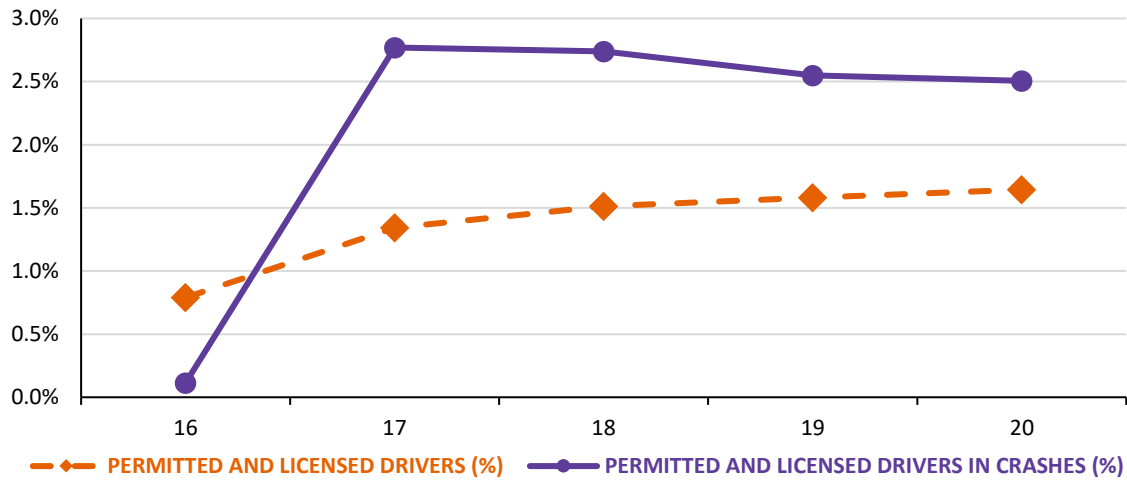


FIGURE 4A: PERCENTAGE OF ALL NJ DRIVERS AND CRASH-INVOLVED NJ DRIVERS, BY AGE*, 2017



* For permitted and licensed drivers, age was determined as of July 1, 2017; for permitted and licensed drivers in crashes, age was determined on the date of the crash.

FIGURE 4B: PERCENTAGE OF ALL NJ DRIVERS AND CRASH-INVOLVED NJ DRIVERS, YOUNG DRIVER AGE* SPECIFIC, 2017



* For permitted and licensed drivers, age was determined as of July 1, 2017; for permitted and licensed drivers in crashes, age was determined on the date of the crash.

TABLE 5: NUMBER OF DRIVERS*, OVERALL AND INVOLVED IN CRASHES, BY AGE AND SEX, 2017

AGE GROUP	TOTAL NUMBER OF DRIVERS INVOLVED IN CRASHES**			TOTAL NUMBER OF DRIVERS*			CRASH RATE PER 100 DRIVERS* --	
	FEMALE	MALE	TOTALS	FEMALE	MALE	TOTALS	FEMALE	MALE
16***	215	168	383	24,099	24,363	48,462	1	1
17	4,498	4,744	9,242	40,693	41,671	82,364	11	11
18	4,159	4,981	9,140	45,503	47,309	92,812	9	11
19	3,885	4,625	8,510	47,593	49,367	96,960	8	9
20	3,936	4,429	8,365	49,670	51,205	100,875	8	9
16 - 20	16,693	18,947	35,640	207,558	213,915	421,473	8	9
21 - 24	16,174	18,430	34,604	211,745	212,776	424,521	8	9
25 - 29	17,978	20,319	38,297	274,809	264,638	539,447	7	8
30 - 34	14,771	16,381	31,152	261,552	244,551	506,103	6	7
35 - 39	13,946	14,779	28,725	259,734	235,559	495,293	5	6
40 - 44	12,834	13,779	26,613	252,367	227,751	480,118	5	6
45 - 49	13,255	14,464	27,719	282,112	249,583	531,695	5	6
50 - 54	12,730	14,786	27,516	303,129	266,038	569,167	4	6
55 - 59	11,259	14,034	25,293	298,738	268,017	566,755	4	5
60 - 64	8,950	11,469	20,419	258,738	234,322	493,060	3	5
65 - 69	6,354	7,971	14,325	208,437	187,516	395,953	3	4
70 - 74	4,491	5,583	10,074	160,107	142,120	302,227	3	4
75 - 79	2,963	3,643	6,606	104,200	90,286	194,486	3	4
80 - 84	1,842	2,217	4,059	69,080	58,262	127,342	3	4
85 - 90	1,196	1,439	2,635	48,821	38,853	87,674	2	4
TOTALS	155,436	178,241	333,677	3,201,127	2,934,187	6,135,314	5	6

* Driver is defined as permitted or licensed NJ driver; age was determined on the date of the crash.

** Numbers do not include drivers who were unlicensed or suspended on July 1, 2017; age was determined on July 1, 2017.

*** All 16-year-old drivers in NJ are permitted.

Crashes By Time

Among the 39,500 young driver crashes in 2017, the highest percentage occurred in the month of June (10%), although the number of crashes did not vary greatly by month (Table 6). There was more variation by day of week: 17% of all crashes (N = 6,646) occurred on Friday, while 11% (N = 4,165) occurred on Sunday. Finally, with respect to time of day, over one quarter of all young driver crashes (27%) occurred from 2:00 p.m. through 4:59 p.m. (Table 7); 1% of young driver crashes occurred from 2:00 a.m. through 4:59 a.m., which are restricted hours for permitted and probationary drivers in this age group.

TABLE 6: NUMBER (N) AND PERCENTAGE (%) OF YOUNG DRIVER CRASHES, BY MONTH AND DAY OF WEEK, 2017

MONTH	SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		MONTH TOTALS	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
JANUARY	318	8	448	8	628	10	371	6	371	6	409	6	419	8	2,964	8
FEBRUARY	279	7	333	6	383	6	381	7	392	7	440	7	314	6	2,522	6
MARCH	274	7	397	7	375	6	491	9	533	9	677	10	381	7	3,128	8
APRIL	349	8	328	6	455	7	390	7	445	8	413	6	456	9	2,836	7
MAY	325	8	572	10	504	8	556	10	555	9	583	9	477	9	3,572	9
JUNE	416	10	551	10	574	9	534	9	649	11	660	10	446	9	3,830	10
JULY	465	11	631	11	458	7	458	8	501	9	612	9	523	10	3,648	9
AUGUST	322	8	447	8	649	10	618	11	589	10	478	7	354	7	3,457	9
SEPTEMBER	276	7	361	6	458	7	530	9	470	8	608	9	485	9	3,188	8
OCTOBER	473	11	715	13	715	12	448	8	458	8	498	7	352	7	3,659	9
NOVEMBER	306	7	464	8	532	9	569	10	454	8	520	8	369	7	3,214	8
DECEMBER	362	9	379	7	486	8	425	7	459	8	748	11	623	12	3,482	9
TOTALS	4,165	100	5,626	100	6,217	100	5,771	100	5,876	100	6,646	100	5,199	100	39,500	100
% OF ALL CRASHES	11		14		16		15		15		17		13		100	

TABLE 7: NUMBER (N) AND PERCENTAGE (%) OF YOUNG DRIVER CRASHES, BY TIME OF DAY AND DAY OF WEEK, 2017

TIME*	SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		TIME TOTALS	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
5AM - 7:59AM	134	3	460	8	556	9	504	9	508	9	451	7	184	4	2,797	7
8AM - 10:59AM	410	10	706	13	786	13	725	13	793	14	671	10	497	10	4,588	12
11AM - 1:59PM	854	21	970	17	918	15	853	15	852	15	1,037	16	1,136	22	6,620	17
2PM - 4:59PM	947	23	1,555	28	1,763	28	1,549	27	1,537	26	1,947	29	1,195	23	10,493	27
5PM - 7:59PM	771	19	1,202	21	1,366	22	1,359	24	1,345	23	1,437	22	968	19	8,448	21
8PM - 10:59PM	571	14	505	9	622	10	552	10	603	10	791	12	687	13	4,331	11
11PM - 1:59AM	308	7	158	3	135	2	156	3	174	3	228	3	347	7	1,506	4
2AM - 4:59AM	155	4	52	1	53	1	58	1	40	1	66	1	162	3	586	1
TOTALS	4,150	100	5,608	100	6,199	100	5,756	100	5,852	100	6,628	100	5,176	100	39,369	100
% OF ALL CRASHES	11		14		16		15		15		17		13		100	

* 131 young driver crashes were missing time of crash.

Crash-Contributing Circumstances

For each crash-involved driver, investigating officers can record up to two factors that contributed to the crash; categories of crash-contributing circumstances include driver actions, vehicle factors, road or environmental factors, pedestrian factors, and other factors. Among the 41,816 young drivers involved in a crash in 2017, 71% (N = 29,481) had a crash-contributing circumstance noted. The most common was driver inattention (39% of drivers), which was noted for more than three times as many drivers as the next most common factor noted (following too closely, 12% of drivers) shown in Table 8. The top five contributing circumstances among crash-involved young drivers were all driver actions; road surface condition was the top road or environmental contributing circumstance (recorded for 3% of drivers) and the sixth most common overall. The most common vehicle factor was brakes, which was recorded for less than 1% of drivers. There were no pedestrian factors.

TABLE 8: CONTRIBUTING CIRCUMSTANCES OF YOUNG DRIVERS IN CRASHES (N = 41,816), 2017

CONTRIBUTING CIRCUMSTANCE		CONTRIBUTING CIRCUMSTANCE		
DRIVER ACTION	DRIVER INATTENTION	16,239	ROAD SURFACE CONDITION	1,452
	FOLLOWING TOO CLOSELY	4,992	ANIMALS IN ROADWAY	644
	FAILED TO YIELD ROW TO VEHICLE/PEDESTRIAN	3,391	SUNGLARE	136
	UNSAFE SPEED	2,856	OBSTRUCTION/DEBRIS IN ROAD	101
	IMPROPER LANE CHANGE	1,508	PHYSICAL OBSTRUCTIONS (VIEWING, ETC)	62
	IMPROPER TURNING	1,045	TRAFFIC CONGESTION - REGULAR	56
	BACKING UNSAFELY	943	OTHER ROADWAY FACTORS	47
	FAILED TO OBEY TRAFFIC SIGNAL	817	RUTS, HOLES, BUMPS	33
	OTHER DRIVER/PEDALCYCLIST ACTION	702	TRAFFIC CONGESTION - PRIOR INCIDENT	26
	FAILED TO OBEY STOP SIGN	591	CONTROL DEVICE DEFECTIVE OR MISSING	9
	IMPROPER PASSING	565	IMPROPER WORK ZONE	3
	OTHER DISTRACTION INSIDE VEHICLE	383	IMPROPER/INADEQUATE LANE MAKINGS	0
	DISTRACTED - HAND HELD ELECTRONIC DEVICE	227	OTHER PEDESTRIAN FACTORS	0
	FAILURE TO KEEP RIGHT	218	NONE	0
	OTHER DISTRACTION OUTSIDE VEHICLE	174	WALKING IN ROAD WHEN SIDEWALKS PRESENT	0
	IMPROPER PARKING	70	WALKING ON WRONG SIDE OF ROAD	0
	DISTRACTED - HANDS FREE ELECTRONIC DEVICE	63	FALURE TO YIELD ROW	0
	DISTRACTED BY PASSENGER	62	RUNNING/DARTING ACROSS TRAFFIC	0
	IMPROPER USE/FAILED TO USE TURN SIGNAL	56	INATTENTIVE	0
	WRONG WAY	52	DARK CLOTHING/LOW VISIBILITY TO DRIVE	0
IMPROPER USE/NO LIGHTS	20	CROSSING WHERE PROHIBITED	0	
FAILURE TO REMOVE SNOW/ICE	6	FAILED TO OBEY TRAFFIC CONTROL DEVICE	0	
VEHICLE FACTORS	BRAKES	280	UNKNOWN	799
	TIRES	140	OTHER	238
	OTHER VEHICLE FACTORS	118	NONE	11,603
	STEERING	84		
	WHEELS	45		
	WINDOWS/WINDSHIELD	27		
	MIRRORS	5		
	VEHICLE COUPLING/HITCH/SAFETY CHAINS	5		
	DEFECTIVE LIGHTS	4		
	SEPARATED LOAD/SPILL	3		
WIPERS	0			

Crash-Related Citations

In addition to noting contributing circumstances for the crash, investigating officers can issue citations to drivers at the time of the crash. Twenty-six percent of the 41,816 young drivers involved in crashes in 2017 were issued one or more citations by the investigating officer (N = 10,758) as shown in Table 9; the percentage was similar for drivers of specific ages (25% for 20-year-olds; 26% for 16-year-olds). Among those issued citations, the majority were issued only one citation. As shown in Table 10, the most common citations issued to crash-involved young drivers were: careless driving, which accounted for 48% of all citations; other non-moving violations, which accounted for 11% of all citations; failure to stop/yield, which accounted for 9% of all citations, and leaving the scene of a crash, which accounted for 7% of all citations. There were 398 citations issued for violations of GDL restrictions. Detailed information on how citations were coded is available in the Methods Section (See Appendix A).

TABLE 9: NUMBER OF CITATIONS ISSUED TO YOUNG DRIVERS INVOLVED IN CRASHES, 2017

NUMBER OF CITATIONS ISSUED	AGE AT CRASH					TOTALS
	16	17	18	19	20	
0	400	7,437	7,822	7,688	7,711	31,058
1	69	2,069	2,154	1,918	1,880	8,090
2	37	437	462	451	446	1,833
3 OR MORE	36	124	200	219	256	835
TOTALS	542	10,067	10,638	10,276	10,293	41,816

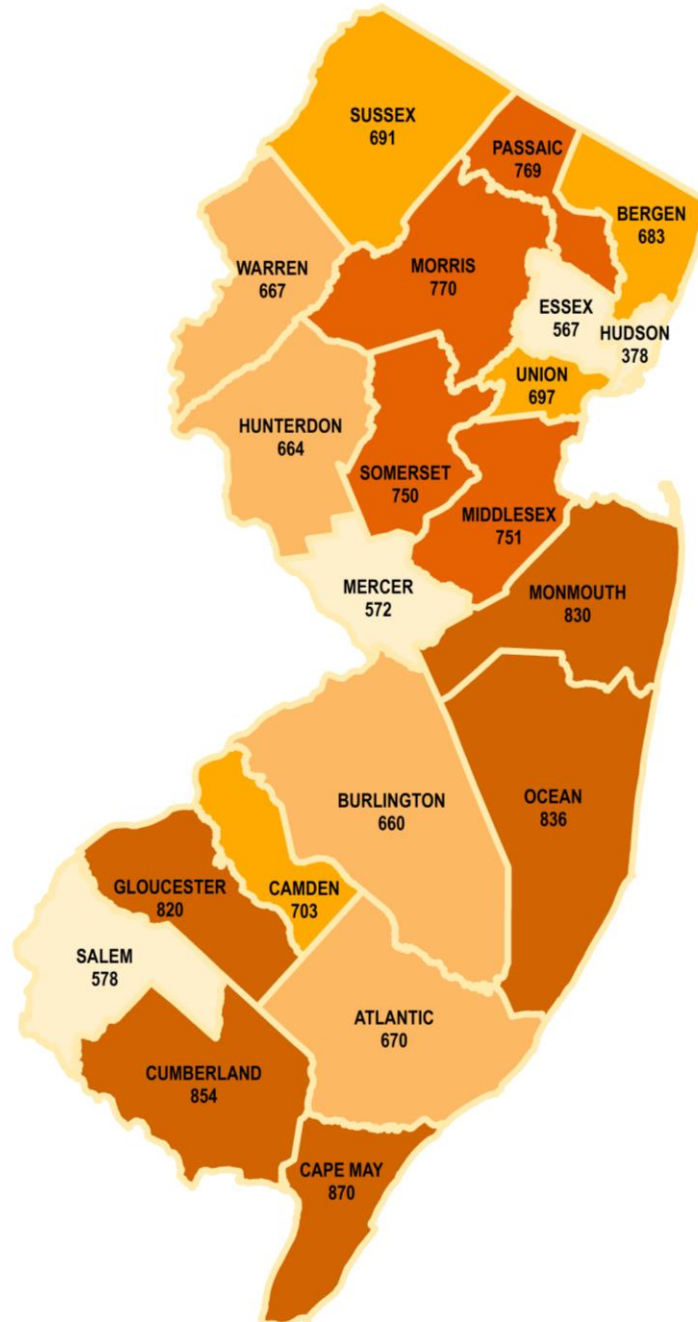
TABLE 10: TYPE OF CITATIONS ISSUED TO YOUNG DRIVERS INVOLVED IN CRASHES (N = 41,816), 2017

TYPE OF CITATION ISSUED	AGE AT CRASH					TOTALS
	16	17	18	19	20	
NONE	430	8,094	8,563	8,341	8,331	33,759
CARELESS DRIVING	85	1,748	1,888	1,709	1,690	7,120
OTHER NON-MOVING VIOLATIONS	21	250	419	485	482	1,657
FAILURE TO STOP/YIELD	19	373	326	284	252	1,254
OTHER MOVING VIOLATIONS	21	285	307	307	276	1,196
LEAVING THE SCENE OF AN ACCIDENT	41	218	279	253	290	1,081
UNLICENSED DRIVING	60	97	127	135	131	550
GDL VIOLATION	14	243	100	25	16	398
RECKLESS DRIVING	13	52	83	87	108	343
ALCOHOL USE	0	36	64	91	139	330
DRIVING WITH A SUSPENDED LICENSE	0	7	57	96	147	307
FOLLOWING TOO CLOSELY	1	23	40	44	54	162
USE OF ELECTRONIC EQUIPMENT (NON-GDL)	0	25	37	30	39	131
SEAT BELT NONUSE (NON-GDL)	1	9	24	34	27	95
DRUG USE	0	8	21	19	20	68
SPEEDING	1	8	9	8	8	34

Crashes by County

The 2017 rate of young driver crashes (per 10,000 residents) by county is shown on the map, with darker colors representing areas with higher young driver crash rates. The five counties with the highest crash rates are: Cape May (870 young driver crashes per 10,000 residents); Cumberland (854 per 10,000); Ocean (836 per 10,000); Monmouth (830 per 10,000); and Gloucester (820 per 10,000). Hudson County had the lowest young driver crash rate (378 per 10,000) in 2017, less than half the rate in Cape May County.

FIGURE 5: YOUNG DRIVER CRASH RATE PER 10,000 16- TO 20-YEAR-OLDS*, BY COUNTY 2017



* Estimates of the number of 16- to 20-year-old residents were based on 2015 intercensal population estimates and 2015 ACS 1-year estimates. See Methods section for more details (Appendix A).

Single- versus Multiple-Vehicle Crashes, By County

Table 11A shows, for each NJ county, the total number of police-reported crashes that occurred in 2017 and the number and proportion of these crashes that involved a young driver. Sussex County and Gloucester County had the highest proportion of crashes that involved a young driver in 2017—21% of all crashes involved a young driver in both counties. These were followed by Ocean County and Monmouth County, where 19% of all crashes involved a young driver. The counties with the lowest proportion of crashes involving a young driver were Hudson (7%), Essex (10%), and Union (12%) counties.

In Table 11B, the number of crashes—both overall and those involving a young driver—are separated into those that involved only one vehicle (single-vehicle) and those that involved two or more vehicles (multiple-vehicle). The proportion of all single-vehicle crashes that involved a young driver is also reflected in that table. Overall, 11% of all single-vehicle crashes in NJ involved a young driver. Sussex County had the highest proportion of single-vehicle crashes involving a young driver (15%), followed by Gloucester, Ocean, and Morris counties (all 13%).

The proportion of all young driver crashes that were single- versus multiple-vehicle can also be determined from Table 11B. Overall, 13% of young driver crashes that occurred in 2017 involved only the young driver’s vehicle. Notably, the proportion varies greatly by county—from a low of 7% in Hudson County; 8% in Union County, and 10% in Bergen, Camden, and Middlesex counties to a high of 30% in Hunterdon, 33% in Sussex, and 35% in Salem counties.

TABLE 11A: NUMBER OF TOTAL CRASHES AND YOUNG DRIVER CRASHES, BY COUNTY, 2017			
COUNTY	TOTAL NUMBER OF CRASHES	NUMBER OF YOUNG DRIVER CRASHES	PROPORTION OF CRASHES INVOLVING A YOUNG DRIVER
ATLANTIC	8,020	1,238	15.4
BERGEN	29,316	3,959	13.5
BURLINGTON	11,865	1,880	15.8
CAMDEN	15,043	2,236	14.9
CAPE MAY	2,663	466	17.5
CUMBERLAND	4,522	761	16.8
ESSEX	29,946	2,936	9.8
GLOUCESTER	7,647	1,601	20.9
HUDSON	19,655	1,322	6.7
HUNTERDON	3,978	606	15.2
MERCER	10,546	1,588	15.1
MIDDLESEX	27,626	4,153	15
MONMOUTH	18,267	3,393	18.6
MORRIS	14,760	2,503	17
OCEAN	14,136	2,745	19.4
PASSAIC	18,254	2,746	15
SALEM	1,636	229	14
SOMERSET	10,572	1,574	14.9
SUSSEX	3,127	652	20.9
UNION	19,908	2,450	12.3
WARREN	3,101	462	14.9
TOTALS	274,588	39,500	14.4

TABLE 11B: SINGLE- AND MULTIPLE-VEHICLE CRASHES OVERALL AND AMONG YOUNG DRIVERS, BY COUNTY, 2017

COUNTY	----- ALL CRASHES -----		----- YOUNG DRIVER CRASHES -----		PROPORTION OF SINGLE-VEHICLE CRASHES THAT INVOLVED A YOUNG DRIVER
	SINGLE-VEHICLE	MULTIPLE-VEHICLE	SINGLE-VEHICLE	MULTIPLE-VEHICLE	
ATLANTIC	2,067	5,953	213	1,025	10.3
BERGEN	4,035	25,281	387	3,572	9.6
BURLINGTON	2,956	8,909	320	1,560	10.8
CAMDEN	2,529	12,514	233	2,003	9.2
CAPE MAY	691	1,972	76	390	11
CUMBERLAND	1,256	3,266	143	618	11.4
ESSEX	4,039	25,907	311	2,625	7.7
GLOUCESTER	1,877	5,770	249	1,352	13.3
HUDSON	2,023	17,632	99	1,223	4.9
HUNTERDON	1,595	2,383	179	427	11.2
MERCER	2,142	8,404	218	1,370	10.2
MIDDLESEX	4,282	23,344	413	3,740	9.6
MONMOUTH	3,865	14,402	461	2,932	11.9
MORRIS	2,983	11,777	385	2,118	12.9
OCEAN	2,854	11,282	375	2,370	13.1
PASSAIC	2,699	15,555	320	2,426	11.9
SALEM	698	938	81	148	11.6
SOMERSET	2340	8232	226	1348	9.7
SUSSEX	1407	1720	217	435	15.4
UNION	2403	17505	186	2264	7.7
WARREN	1219	1882	135	327	11.1
TOTALS	49960	224628	5227	34273	10.5

Crashes by Town

The number of young drivers involved in crashes in each year 2013-2017, as well as for the combined five-year period, is shown for each town in Table 12. Overall, 342 of the 557 towns in NJ (61%) experienced a decrease in the number of young drivers involved in crashes in 2013 compared with 2017, 192 towns (35%) experienced an increase, and 23 towns (5%) experienced no change.

TABLE 12: NUMBER OF YOUNG DRIVERS INVOLVED IN CRASHES, BY TOWN AND YEAR, 2013-2017						
TOWN (COUNTY)	2013	2014	2015	2016	2017	TOTAL
ABERDEEN (MONMOUTH)	109	71	63	60	71	374
ABSECON (ATLANTIC)	56	61	50	48	38	253
ALEXANDRIA (HUNTERDON)	31	15	17	16	15	94
ALLAMUCHY (WARREN)	30	19	27	33	37	146
ALLENDALE (BERGEN)	36	19	30	31	12	128
ALLENHURST (MONMOUTH)*	1	32	37	0	21	91
ALLENTOWN (MONMOUTH)	10	12	15	5	8	50
ALLOWAY (SALEM)	10	16	13	14	16	69
ALPHA (WARREN)	8	2	0	8	2	20
ALPINE (BERGEN)	10	9	6	4	7	36
ANDOVER (SUSSEX)	8	11	8	12	12	51
ANDOVER TWP (SUSSEX)	30	29	30	27	31	147
ASBURY PARK (MONMOUTH)	67	57	62	65	59	310
ATLANTIC CITY (ATLANTIC)	202	147	128	112	173	762
ATLANTIC HIGHLANDS (MONMOUTH)	11	8	4	8	11	42
AUDUBON (CAMDEN)	1	0	3	0	0	4
AUDUBON PARK (CAMDEN)	0	2	0	0	1	3
AVALON (CAPE MAY)	14	13	9	8	11	55
AVON-BY-THE-SEA (MONMOUTH)*	4	0	10	3	1	18
BARNEGAT LIGHT (OCEAN)	0	1	0	1	1	3
BARNEGAT (OCEAN)	29	58	55	76	72	290
BARRINGTON (CAMDEN)	11	25	18	35	21	110
BASS RIVER (BURLINGTON)	16	12	15	22	17	82
BAY HEAD (OCEAN)	7	10	11	10	8	46
BAYONNE (HUDSON)	135	119	143	159	127	683
BEACH HAVEN (OCEAN)	12	12	13	11	9	57
BEACHWOOD (OCEAN)	55	61	50	52	10	228
BEDMINSTER (SOMERSET)	67	81	58	68	61	335
BELLEVILLE (ESSEX)	163	170	142	168	147	790
BELLMAWR (CAMDEN)	130	125	120	128	134	637
BELMAR (MONMOUTH)	34	36	24	42	46	182

BELVIDERE (WARREN)	6	2	4	2	3	17
BERGENFIELD (BERGEN)	78	74	77	62	67	358
BERKELEY HEIGHTS (UNION)	49	56	54	59	54	272
BERKELEY TWP (OCEAN)	133	83	112	116	100	544
BERLIN (CAMDEN)	31	35	43	51	33	193
BERLIN TWP (CAMDEN)	11	19	16	12	15	73
BERNARDS (SOMERSET)	110	88	98	111	81	488
BERNARDSVILLE (SOMERSET)	37	27	37	33	21	155
BETHLEHEM (HUNTERDON)	13	23	17	12	22	87
BEVERLY (BURLINGTON)*	6	6	1	1	0	14
BLAIRSTOWN (WARREN)	4	17	26	23	29	99
BLOOMFIELD (ESSEX)	231	207	249	244	235	1,166
BLOOMINGDALE (PASSAIC)	38	25	18	30	31	142
BLOOMSBURY (HUNTERDON)	5	1	5	6	2	19
BOGOTA (BERGEN)	24	20	21	23	14	102
BOONTON (MORRIS)	60	51	51	34	46	242
BOONTON TWP (MORRIS)	14	12	9	9	13	57
BORDENTOWN (BURLINGTON)	15	6	12	9	8	50
BORDENTOWN TWP (BURLINGTON)	68	57	71	56	63	315
BOUND BROOK (SOMERSET)	57	43	36	54	31	221
BRADLEY BEACH (MONMOUTH)	7	10	19	6	15	57
BRANCHBURG (SOMERSET)	111	94	84	77	1	367
BRANCHVILLE (SUSSEX)	0	6	7	7	4	24
BRICK (OCEAN)	518	440	333	463	421	2,175
BRIDGETON (CUMBERLAND)	69	78	72	52	86	357
BRIDGEWATER (SOMERSET)	497	471	418	418	423	2,227
BRIELLE (MONMOUTH)	22	21	8	15	15	81
BRIGANTINE (ATLANTIC)	15	20	15	15	25	90
BROOKLAWN (CAMDEN)	7	23	17	18	11	76
BUENA (ATLANTIC)	17	18	15	20	20	90
BUENA VISTA (ATLANTIC)	36	47	29	37	26	175
BURLINGTON (BURLINGTON)	61	52	57	87	71	328
BURLINGTON TWP (BURLINGTON)	116	141	106	159	136	658
BUTLER (MORRIS)	30	38	31	17	14	130
BYRAM (SUSSEX)	7	19	9	13	3	51
CALDWELL (ESSEX)	41	39	37	51	37	205
CALIFON (HUNTERDON)	3	4	1	1	1	10
CAMDEN (CAMDEN)	218	151	182	194	185	930
CAPE MAY (CAPE MAY)	17	12	13	6	1	49

CAPE MAY POINT (CAPE MAY)	0	0	1	0	0	1
CARLSTADT (BERGEN)	43	41	41	33	36	194
CARNEYS POINT (SALEM)	35	41	55	29	42	202
CARTERET (MIDDLESEX)	64	59	66	62	67	318
CEDAR GROVE (ESSEX)	68	62	60	62	58	310
CHATHAM (MORRIS)	42	23	41	52	42	200
CHATHAM TWP (MORRIS)	22	27	25	30	28	132
CHERRY HILL (CAMDEN)	512	516	447	559	474	2,508
CHESILHURST (CAMDEN)	10	14	1	2	1	28
CHESTER (MORRIS)	13	19	17	24	15	88
CHESTER TWP (MORRIS)	21	25	33	25	20	124
CHESTERFIELD (BURLINGTON)	27	28	17	15	19	106
CINNAMINSON (BURLINGTON)	57	38	34	21	28	178
CLARK (UNION)	121	128	144	169	184	746
CLAYTON (GLOUCESTER)	28	28	27	17	18	118
CLEMENTON (CAMDEN)	51	38	21	12	36	158
CLIFFSIDE BORO (BERGEN)	52	36	34	33	38	193
CLIFTON (PASSAIC)	655	634	602	608	628	3,127
CLINTON (HUNTERDON)	4	8	13	9	12	46
CLINTON TWP (HUNTERDON)	45	72	69	83	102	371
CLOSTER (BERGEN)	12	21	18	13	9	73
COLLINGSWOOD (CAMDEN)	21	16	14	27	27	105
COLTS NECK (MONMOUTH)	115	107	96	91	101	510
COMMERCIAL (CUMBERLAND)	13	9	15	13	7	57
CORBIN (ATLANTIC)	1	0	0	1	2	4
CRANBURY (MIDDLESEX)	57	51	45	28	29	210
CRANFORD (UNION)	169	180	178	169	193	889
CRESSKILL (BERGEN)	0	1	0	0	0	1
DEAL (MONMOUTH)	10	15	16	14	23	78
DEERFIELD (CUMBERLAND)	15	28	36	23	17	119
DELANCO (BURLINGTON)	0	3	9	7	8	27
DELAWARE (HUNTERDON)	11	4	8	4	12	39
DELWAN (BURLINGTON)	103	94	68	75	71	411
DEMAREST (BERGEN)	25	23	18	20	20	106
DENNIS (CAPE MAY)	74	54	80	62	63	333
DENVILLE (MORRIS)	146	166	145	135	123	715
DEPTFORD (GLOUCESTER)	58	81	343	317	376	1,175
DOVER (MORRIS)	128	103	116	96	92	535
DOWNE (CUMBERLAND)	1	2	4	6	4	17

DUMONT (BERGEN)*	56	46	47	20	0	169
DUNELLEN (MIDDLESEX)	28	34	24	28	21	135
EAGLESWOOD (OCEAN)	20	11	2	8	7	48
EAST AMWELL (HUNTERDON)	23	15	20	11	16	85
EAST BRUNSWICK (MIDDLESEX)	461	429	409	356	298	1,953
EAST GREENWICH (GLOUCESTER)	34	29	14	29	21	127
EAST HANOVER (MORRIS)	117	120	85	71	80	473
EAST NEWARK (HUDSON)	7	6	5	5	12	35
EAST ORANGE (ESSEX)	243	248	269	272	301	1,333
EAST RUTHERFORD (BERGEN)	78	58	54	75	66	331
EAST WINDSOR (MERCER)	132	107	88	73	89	489
EASTAMPTON (BURLINGTON)	22	13	17	21	27	100
EATONTOWN (MONMOUTH)	155	118	128	135	125	661
EDGEWATER (BERGEN)	48	42	36	32	22	180
EDGEWATER PARK (BURLINGTON)	23	18	20	27	10	98
EDISON (MIDDLESEX)	877	780	788	759	727	3,931
EGG HARBOR (ATLANTIC)	24	25	37	20	28	134
EGG HARBOR TWP (ATLANTIC)	306	274	305	286	275	1,446
ELIZABETH (UNION)	448	470	498	533	474	2,423
ELK (GLOUCESTER)	39	22	24	28	23	136
ELMER (SALEM)	0	0	0	2	1	3
ELMWOOD PARK (BERGEN)	110	121	129	125	141	626
ELSINBORO (SALEM)	0	0	2	0	1	3
EMERSON (BERGEN)	29	31	23	29	22	134
ENGLEWOOD (BERGEN)	88	93	112	91	93	477
ENGLEWOOD CLIFFS (BERGEN)	10	10	13	10	8	51
ENGLISHTOWN (MONMOUTH)	13	13	13	16	9	64
ESSEX FELLS (ESSEX)	12	13	9	38	8	80
ESTELL MANOR (ATLANTIC)	10	11	13	4	10	48
EVESHAM (BURLINGTON)	267	220	193	184	112	976
EWING (MERCER)	221	179	196	185	162	943
FAIR HAVEN (MONMOUTH)	19	9	8	11	14	61
FAIR LAWN (BERGEN)	157	171	192	191	151	862
FAIRFIELD (ESSEX)	54	59	79	56	64	312
FAIRFIELD (CUMBERLAND)	19	20	19	18	11	87
FAIRVIEW (BERGEN)	28	31	38	31	36	164
FANWOOD (UNION)	34	35	39	47	33	188
FAR HILLS (SOMERSET)	6	9	6	3	5	29
FARMINGDALE (MONMOUTH)	9	11	9	5	4	38

FIELDSBORO (BURLINGTON)	1	0	1	2	1	5
FLEMINGTON (HUNTERDON)	72	76	76	64	51	339
FLORENCE (BURLINGTON)	36	40	28	54	38	196
FLORHAM PARK (MORRIS)	43	52	33	44	52	224
FOLSOM (ATLANTIC)	7	8	6	12	12	45
FORT LEE (BERGEN)	99	97	105	110	102	513
FRANKFORD (SUSSEX)	28	33	40	38	30	169
FRANKLIN (SUSSEX)	33	48	44	19	29	173
FRANKLIN LAKES (BERGEN)	72	56	56	73	64	321
FRANKLIN (GLOUCESTER)	103	86	91	86	84	450
FRANKLIN (HUNTERDON)	28	19	17	17	21	102
FRANKLIN (SOMERSET)	333	325	322	317	304	1,601
FRANKLIN (WARREN)	16	22	28	14	14	94
FREDON (SUSSEX)	15	10	14	14	9	62
FREEHOLD (MONMOUTH)	87	107	83	88	94	459
FREEHOLD TWP (MONMOUTH)	452	389	289	279	164	1,573
FRELINGHUYSEN (WARREN)	13	15	9	11	8	56
FRENCHTOWN (HUNTERDON)	1	4	4	4	2	15
GALLOWAY (ATLANTIC)	230	212	184	200	181	1,007
GARFIELD CITY (BERGEN)	90	88	104	112	73	467
GARWOOD (UNION)	18	17	13	17	19	84
GIBBSBORO BORO (CAMDEN)	20	31	18	25	19	113
GLASSBORO (GLOUCESTER)	157	175	190	196	241	959
GLEN GARDNER (HUNTERDON)	13	13	9	10	12	57
GLEN RIDGE (ESSEX)	30	28	23	47	38	166
GLEN ROCK (BERGEN)	49	44	41	42	47	223
GLOUCESTER (CAMDEN)	107	76	107	105	114	509
GLOUCESTER TWP (CAMDEN)	431	264	56	67	352	1,170
GREEN BROOK (SOMERSET)	65	70	66	74	58	333
GREEN (SUSSEX)	11	7	12	10	10	50
GREENWICH (CUMBERLAND)	0	2	2	2	1	7
GREENWICH (GLOUCESTER)	17	17	11	15	11	71
GREENWICH (WARREN)	30	21	17	28	24	120
GUTTENBERG (HUDSON)	13	21	8	19	8	69
HACKENSACK (BERGEN)	257	267	233	264	273	1,294
HACKETTSTOWN (WARREN)	75	82	69	67	50	343
HADDON HEIGHTS (CAMDEN)	28	27	35	34	24	148
HADDON TWP (CAMDEN)	47	65	43	37	58	250
HADDONFIELD (CAMDEN)	29	25	25	30	24	133

HAINESPORT (BURLINGTON)	52	27	32	52	38	201
HALEDON (PASSAIC)	67	53	40	43	45	248
HAMBURG (SUSSEX)	33	32	14	26	24	129
HAMILTON (ATLANTIC)	269	222	216	194	181	1,082
HAMILTON (MERCER)	634	609	559	546	548	2,896
HAMMONTON (ATLANTIC)	89	85	75	115	106	470
HAMPTON (HUNTERDON)	7	4	5	6	6	28
HAMPTON (SUSSEX)	58	44	45	30	45	222
HANOVER (MORRIS)	135	137	127	132	146	677
HARDING (MORRIS)	12	13	16	20	15	76
HARDWICK (WARREN)	9	16	10	12	9	56
HARDYSTON (SUSSEX)	46	53	55	42	41	237
HARMONY (WARREN)	9	15	9	9	12	54
HARRINGTON PARK (BERGEN)	14	10	16	9	8	57
HARRISON (HUDSON)	48	36	29	48	50	211
HARRISON (GLOUCESTER)	86	94	83	71	78	412
HARVEY CEDARS (OCEAN)	1	5	2	2	5	15
HASBROUCK HEIGHTS (BERGEN)	71	78	87	93	92	421
HAWTHORNE (PASSAIC)	79	64	83	87	61	374
HAZLET (MONMOUTH)	168	131	115	123	138	675
HELMETTA (MIDDLESEX)	2	0	0	0	0	2
HIGH BRIDGE (HUNTERDON)	7	13	6	6	7	39
HIGHLAND PARK (MIDDLESEX)	5	7	20	21	15	68
HIGHLANDS (MONMOUTH)	4	3	4	13	9	33
HIGHTSTOWN (MERCER)	32	34	13	20	17	116
HILLSBOROUGH (SOMERSET)	252	121	173	171	177	894
HILLSDALE (BERGEN)	31	38	34	49	52	204
HILLSIDE (UNION)	131	147	154	155	151	738
HO HO KUS (BERGEN)	24	29	18	20	27	118
HOBOKEN (HUDSON)	53	55	46	33	35	222
HOLLAND (HUNTERDON)	19	21	15	13	11	79
HOLMDEL (MONMOUTH)	146	138	122	133	119	658
HOPATCONG BORO (SUSSEX)	52	36	25	32	27	172
HOPE (WARREN)	22	19	14	13	17	85
HOPEWELL (MERCER)	2	1	6	1	1	11
HOPEWELL (CUMBERLAND)	8	14	9	16	13	60
HOPEWELL TWP (MERCER)	130	118	117	109	108	582
HOWELL (MONMOUTH)	343	328	344	321	271	1,607
INDEPENDENCE (WARREN)	0	0	1	0	0	1

INTERLAKEN (MONMOUTH)	0	1	0	1	0	2
IRVINGTON (ESSEX)	155	165	173	202	173	868
JACKSON (OCEAN)	292	292	265	251	283	1,383
JAMESBURG (MIDDLESEX)	29	30	38	40	35	172
JEFFERSON (MORRIS)	80	110	85	88	87	450
JERSEY CITY (HUDSON)	555	458	542	611	538	2,704
KEANSBURG (MONMOUTH)	18	18	16	20	13	85
KEARNY (HUDSON)	152	176	181	202	161	872
KENILWORTH (UNION)	59	49	48	54	43	253
KEYPORT (MONMOUTH)	57	54	56	71	58	296
KINGWOOD (HUNTERDON)	9	11	13	16	13	62
KINNELON (MORRIS)	36	35	27	25	24	147
KNOWLTON (WARREN)	18	16	32	30	16	112
LACEY (OCEAN)	180	157	134	156	135	762
LAFAYETTE (SUSSEX)	27	32	29	41	29	158
LAKE COMO (MONMOUTH)	6	7	3	1	2	19
LAKEHURST (OCEAN)	21	11	20	29	30	111
LAKEWOOD (OCEAN)	482	507	483	504	588	2,564
LAMBERTVILLE CITY (HUNTERDON)	9	8	12	15	6	50
LAUREL SPRINGS (CAMDEN)*	8	7	6	0	7	28
LAVALLETTE (OCEAN)	3	9	10	4	6	32
LAWNSIDE (CAMDEN)	10	8	10	14	7	49
LAWRENCE (CUMBERLAND)	8	2	12	10	5	37
LAWRENCE (MERCER)	256	224	202	202	195	1,079
LEBANON (HUNTERDON)	12	9	7	13	4	45
LEBANON TWP (HUNTERDON)	43	40	30	28	30	171
LEONIA (BERGEN)	18	23	42	36	17	136
LIBERTY (WARREN)	12	5	7	6	8	38
LINCOLN PARK (MORRIS)	23	28	26	24	35	136
LINDEN (UNION)	162	206	245	108	11	732
LINDENWOLD (CAMDEN)	45	53	50	66	60	274
LINWOOD (ATLANTIC)	14	33	30	34	40	151
LITTLE EGG HARBOR (OCEAN)	57	42	42	47	37	225
LITTLE FALLS (PASSAIC)	154	179	168	196	108	805
LITTLE FERRY (BERGEN)*	46	0	1	17	28	92
LITTLE SILVER (MONMOUTH)	39	38	50	47	56	230
LIVINGSTON (ESSEX)	165	176	175	152	140	808
LODI (BERGEN)	105	120	120	121	97	563
LOGAN (GLOUCESTER)	34	25	39	43	50	191

LONG BEACH (OCEAN)	20	23	22	17	15	97
LONG BRANCH (MONMOUTH)	136	74	74	68	71	423
LONGPORT (ATLANTIC)	3	4	2	3	1	13
LOPATCONG (WARREN)	42	38	42	45	27	194
LOWER ALLOWAYS CREEK (SALEM)	3	3	3	5	3	17
LOWER (CAPE MAY)	86	75	65	70	58	354
LUMBERTON (BURLINGTON)	59	70	45	44	41	259
LYNDHURST (BERGEN)	100	66	66	91	80	403
MADISON (MORRIS)	46	46	44	38	40	214
MAGNOLIA (CAMDEN)	42	31	40	34	41	188
MAHWAH (BERGEN)	163	160	141	131	125	720
MANALAPAN (MONMOUTH)	234	181	175	185	181	956
MANASQUAN (MONMOUTH)*	6	0	26	32	43	107
MANCHESTER (OCEAN)	105	77	82	85	107	456
MANNINGTON (SALEM)	58	39	18	11	13	139
MANSFIELD (BURLINGTON)	44	59	63	52	54	272
MANSFIELD (WARREN)	50	38	41	38	15	182
MANTOLOKING (OCEAN)	0	0	0	1	0	1
MANTUA (GLOUCESTER)	70	79	76	103	108	436
MANVILLE (SOMERSET)	44	53	46	29	40	212
MAPLE SHADE (BURLINGTON)	89	87	78	90	99	443
MAPLEWOOD (ESSEX)	62	62	56	62	68	310
MARGATE (ATLANTIC)*	12	0	19	26	15	72
MARLBORO (MONMOUTH)	241	224	233	260	224	1,182
MATAWAN (MONMOUTH)	18	39	49	41	36	183
MAURICE RIVER (CUMBERLAND)	37	34	36	39	26	172
MAYWOOD (BERGEN)	41	41	34	38	43	197
MEDFORD LAKES (BURLINGTON)	9	10	12	9	8	48
MEDFORD (BURLINGTON)	205	216	174	173	149	917
MENDHAM (MORRIS)	27	23	18	20	21	109
MENDHAM TWP (MORRIS)	19	22	18	12	15	86
MERCHANTVILLE (CAMDEN)	12	12	5	3	10	42
METUCHEN (MIDDLESEX)	78	67	64	64	66	339
MIDDLE (CAPE MAY)	175	153	130	131	122	711
MIDDLESEX (MIDDLESEX)	46	53	55	59	41	254
MIDDLETOWN (MONMOUTH)	462	425	333	369	350	1,939
MIDLAND PARK (BERGEN)	20	24	7	15	16	82
MILFORD (HUNTERDON)*	4	1	1	4	0	10
MILLBURN (ESSEX)	137	151	144	114	84	630

MILLSTONE (SOMERSET)	2	1	1	6	7	17
MILLSTONE (MONMOUTH)	81	63	83	80	72	379
MILLTOWN (MIDDLESEX)	37	32	40	36	31	176
MILLVILLE (CUMBERLAND)	179	172	151	165	163	830
MINE HILL (MORRIS)	19	18	15	11	17	80
MONMOUTH BEACH (MONMOUTH)*	3	0	5	10	9	27
MONROE (GLOUCESTER)	202	175	184	196	189	946
MONROE (MIDDLESEX)	116	108	101	124	111	560
MONTAGUE (SUSSEX)	17	18	16	19	22	92
MONTCLAIR (ESSEX)	231	237	243	217	263	1,191
MONTGOMERY (SOMERSET)	116	86	88	91	82	463
MONTVALE (BERGEN)	73	72	32	44	52	273
MONTVILLE (MORRIS)	106	117	99	96	122	540
MOONACHIE (BERGEN)*	10	15	15	11	0	51
MOORESTOWN (BURLINGTON)	158	154	173	201	176	862
MORRIS PLAINS (MORRIS)	35	20	28	37	31	151
MORRIS TWP (MORRIS)	93	92	74	91	99	449
MORRISTOWN (MORRIS)	131	101	108	154	161	655
MOUNT ARLINGTON (MORRIS)	13	21	22	26	22	104
MOUNT EPHRIAM (CAMDEN)	27	32	25	25	22	131
MOUNT HOLLY (BURLINGTON)	75	86	67	57	72	357
MOUNT LAUREL (BURLINGTON)	271	291	277	287	258	1,384
MOUNT OLIVE (MORRIS)	161	161	145	149	171	787
MOUNTAIN LAKES (MORRIS)	12	22	17	9	7	67
MOUNTAINSIDE (UNION)	24	31	35	35	40	165
MULLICA (ATLANTIC)	10	14	19	11	19	73
NATIONAL PARK (GLOUCESTER)	0	0	0	1	0	1
NEPTUNE CITY (MONMOUTH)	26	20	17	28	42	133
NEPTUNE TWP (MONMOUTH)	173	155	164	159	173	824
NETCONG (MORRIS)	12	6	9	7	7	41
NEW BRUNSWICK (MIDDLESEX)	318	316	327	352	317	1,630
NEW HANOVER (BURLINGTON)	4	2	0	1	1	8
NEW MILFORD (BERGEN)	50	43	48	39	54	234
NEW PROVIDENCE (UNION)	71	59	56	62	55	303
NEWARK (ESSEX)	724	700	707	720	791	3,642
NEWFIELD (GLOUCESTER)	1	0	5	0	0	6
NEWTON (SUSSEX)	63	13	46	41	56	219
NORTH ARLINGTON (BERGEN)	47	43	44	60	47	241
NORTH BERGEN (HUDSON)	173	179	234	235	199	1,020

NORTH BRUNSWICK (MIDDLESEX)	211	243	194	170	216	1,034
NORTH CALDWELL (ESSEX)	33	12	17	11	19	92
NORTH HALEDON (PASSAIC)	22	20	25	15	20	102
NORTH HANOVER (BURLINGTON)	11	9	19	9	25	73
NORTH PLAINFIELD (SOMERSET)	90	99	96	100	89	474
NORTH WILDWOOD (CAPE MAY)	25	16	25	21	23	110
NORTHFIELD (ATLANTIC)	49	50	31	35	33	198
NORTHVALE (BERGEN)	5	24	16	17	7	69
NORWOOD (BERGEN)	22	25	18	20	29	114
NUTLEY (ESSEX)	129	126	155	122	121	653
OAKLAND (BERGEN)	102	74	88	84	93	441
OAKLYN (CAMDEN)	2	3	2	1	1	9
OCEAN CITY (CAPE MAY)	78	78	88	98	87	429
OCEAN GATE (OCEAN)	2	1	1	3	1	8
OCEAN (MONMOUTH)	206	159	150	167	197	879
OCEAN (OCEAN)	33	29	31	39	29	161
OCEANPORT (MONMOUTH)	17	15	9	12	17	70
OGDENSBURG (SUSSEX)	4	3	4	4	1	16
OLD BRIDGE (MIDDLESEX)	379	402	386	408	378	1,953
OLD TAPPAN (BERGEN)	17	18	21	19	22	97
OLDMANS (SALEM)	16	13	8	17	10	64
ORADELL (BERGEN)	51	42	36	52	41	222
ORANGE (ESSEX)	85	64	67	84	80	380
OXFORD (WARREN)	3	4	3	8	9	27
PALISADES PARK (BERGEN)	75	70	83	65	66	359
PALMYRA (BURLINGTON)	22	17	18	18	19	94
PARAMUS (BERGEN)	678	692	660	677	611	3,318
PARK RIDGE (BERGEN)*	0	24	33	31	31	119
PARSIPPANY-TROY HILLS (MORRIS)	362	329	311	242	343	1,587
PASSAIC (PASSAIC)	211	203	201	206	220	1041
PASSAIC (MORRIS)	35	30	18	26	21	130
PATERSON (PASSAIC)	727	636	699	799	806	3,667
PAULSBORO (GLOUCESTER)	15	20	15	14	8	72
PEAPACK-GLADSTONE (SOMERSET)	4	10	3	6	3	26
PEMBERTON (BURLINGTON)	10	17	11	9	7	54
PEMBERTON TWP (BURLINGTON)	128	84	90	92	92	486
PENNINGTON (MERCER)	15	11	12	4	13	55
PENNS GROVE (SALEM)	7	2	2	0	2	13
PENNSAUKEN (CAMDEN)	178	178	193	183	196	928

PENNSVILLE (SALEM)	1	12	37	46	37	133
PEQUANNOCK (MORRIS)	77	88	71	77	58	371
PERTH AMBOY (MIDDLESEX)	171	184	166	212	176	909
PHILLIPSBURG (WARREN)	82	75	85	91	77	410
PILESGROVE (SALEM)	31	19	32	25	22	129
PINE BEACH (OCEAN)	16	12	8	15	11	62
PINE HILL (CAMDEN)	44	38	30	47	25	184
PISCATAWAY (MIDDLESEX)	281	300	282	297	277	1,437
PITMAN (GLOUCESTER)	17	26	23	23	8	97
PITTSGROVE (SALEM)	30	33	40	42	38	183
PLAINFIELD (UNION)	134	86	167	109	113	609
PLAINSBORO (MIDDLESEX)	77	63	54	53	51	298
PLEASANTVILLE (ATLANTIC)	15	9	85	57	60	226
PLUMSTED (OCEAN)	14	4	42	48	23	131
POHATCONG (WARREN)	57	37	41	40	38	213
POINT PLEASANT (OCEAN)	85	63	69	57	52	326
POMPTON LAKES (PASSAIC)	45	36	44	49	68	242
PORT REPUBLIC (ATLANTIC)	6	3	6	7	5	27
PRINCETON (MERCER)**	113	117	114	113	110	567
PROSPECT PARK (PASSAIC)	10	13	21	19	22	85
POINT PLEASANT BEACH (OCEAN)	55	43	67	63	73	301
QUINTON (SALEM)	8	10	11	10	7	46
RAHWAY (UNION)	108	113	138	140	151	650
RAMSEY (BERGEN)	1	132	101	81	76	391
RANDOLPH (MORRIS)	288	272	215	223	194	1,192
RARITAN (SOMERSET)	84	80	75	85	97	421
RARITAN (HUNTERDON)	170	169	163	143	156	801
READINGTON (HUNTERDON)	88	81	93	95	73	430
RED BANK (MONMOUTH)	95	113	133	86	104	531
RIDGEFIELD (BERGEN)	83	69	81	79	71	383
RIDGEFIELD PARK (BERGEN)	53	47	39	60	42	241
RIDGEWOOD (BERGEN)	90	85	91	93	98	457
RINGWOOD (PASSAIC)	59	50	58	52	52	271
RIVER EDGE (BERGEN)	60	63	48	61	41	273
RIVER VALE (BERGEN)	19	22	16	5	18	80
RIVERDALE (MORRIS)	8	5	49	34	61	157
RIVERSIDE (BURLINGTON)	19	12	16	12	7	66
RIVERTON (BURLINGTON)	0	6	9	8	2	25
ROBBINSVILLE (MERCER)	113	114	120	90	79	516

ROCHELLE PARK (BERGEN)	67	72	64	33	52	288
ROCKAWAY (MORRIS)	56	40	43	36	29	204
ROCKAWAY TWP (MORRIS)	217	166	157	150	136	826
ROCKLEIGH (BERGEN)	1	1	0	1	1	4
ROCKY HILL (SOMERSET)	7	6	0	3	2	18
ROOSEVELT (MONMOUTH)	2	4	2	1	1	10
ROSELAND (ESSEX)	34	35	40	36	46	191
ROSELLE (UNION)	79	85	85	54	32	335
ROSELLE PARK (UNION)	59	26	30	44	39	198
ROXBURY (MORRIS)	203	168	168	179	146	864
RUMSON (MONMOUTH)	20	7	8	16	8	59
RUNNEMEDE (CAMDEN)	53	61	50	51	45	260
RUTHERFORD (BERGEN)	116	113	89	99	127	544
SADDLE BROOK (BERGEN)	128	107	108	96	92	531
SADDLE RIVER (BERGEN)	59	62	57	39	31	248
SALEM (SALEM)	10	16	14	14	17	71
SANDVSTON (SUSSEX)	9	10	8	8	7	42
SAYREVILLE (MIDDLESEX)	65	268	287	293	278	1,191
SCOTCH PLAINS (UNION)	90	91	119	64	125	489
SEA BRIGHT (MONMOUTH)	25	15	18	24	20	102
SEA GIRT (MONMOUTH)	2	5	3	5	2	17
SEA ISLE CITY (CAPE MAY)	21	12	10	13	15	71
SEASIDE HEIGHTS (OCEAN)	21	29	26	19	21	116
SEASIDE PARK (OCEAN)	18	16	22	14	12	82
SECAUCUS (HUDSON)	91	84	98	90	100	463
SHAMONG (BURLINGTON)	8	22	26	13	22	91
SHILOH (CUMBERLAND)	2	0	0	1	1	4
SHIP BOTTOM (OCEAN)	45	21	30	37	43	176
SHREWSBURY (MONMOUTH)	42	29	32	35	23	161
SOMERDALE (CAMDEN)	41	5	37	30	30	143
SOMERS POINT (ATLANTIC)	60	38	44	62	60	264
SOMERVILLE (SOMERSET)	62	54	50	71	45	282
SOUTH AMBOY (MIDDLESEX)*	39	47	1	0	0	87
SOUTH BOUND BROOK (SOMERSET)	15	9	8	8	13	53
SOUTH BRUNSWICK (MIDDLESEX)	278	270	282	293	299	1,422
SOUTH HACKENSACK (BERGEN)	10	15	20	16	18	79
SOUTH HARRISON (GLOUCESTER)	1	1	2	2	3	9
SOUTH ORANGE (ESSEX)	54	68	59	65	56	302
SOUTH PLAINFIELD (MIDDLESEX)	151	142	207	145	140	785

SOUTH RIVER (MIDDLESEX)	47	56	29	28	40	200
SOUTH TOMS RIVER (OCEAN)	41	29	32	38	25	165
SOUTHAMPTON (BURLINGTON)	70	63	73	73	61	340
SPARTA (SUSSEX)	158	164	127	146	115	710
SPOTSWOOD (MIDDLESEX)	32	47	23	43	47	192
SPRING LAKE (MONMOUTH)	8	2	7	6	14	37
SPRING LAKE HEIGHTS (MONMOUTH)	10	11	6	8	6	41
SPRINGFIELD (BURLINGTON)	58	33	43	44	26	204
SPRINGFIELD (UNION)	122	141	99	125	111	598
STAFFORD (OCEAN)	228	163	196	171	151	909
STANHOPE (SUSSEX)	10	23	25	23	31	112
STILLWATER (SUSSEX)	9	10	13	11	10	53
STOCKTON (HUNTERDON)	3	2	1	5	2	13
STONE HARBOR (CAPE MAY)	10	5	7	6	12	40
STOW CREEK (CUMBERLAND)	3	3	3	5	3	17
STRATFORD (CAMDEN)	24	24	26	18	30	122
SUMMIT (UNION)	75	103	85	100	114	477
SURF CITY (OCEAN)	7	8	7	6	4	32
SUSSEX BORO (SUSSEX)	10	13	14	8	6	51
SWEDESBORO (GLOUCESTER)	0	0	1	6	1	8
TABERNACLE (BURLINGTON)	38	42	34	26	30	170
TAVISTOCK (CAMDEN)	1	0	0	0	0	1
TEANECK (BERGEN)	230	224	224	231	220	1,129
TENAFLY (BERGEN)	55	53	54	43	47	252
TETERBORO (BERGEN)	13	12	14	25	7	71
TEWKSBURY (HUNTERDON)	13	13	20	26	21	93
TINTON FALLS (MONMOUTH)	51	52	54	147	129	433
TOMS RIVER (OCEAN)	1,089	1,023	922	811	679	4,524
TOTOWA (PASSAIC)	97	92	119	110	83	501
TRENTON (MERCER)	277	196	324	352	154	1,303
TUCKERTON (OCEAN)	11	15	12	31	13	82
UNION BEACH (MONMOUTH)	18	10	15	19	16	78
UNION (HUDSON)	78	93	97	95	66	429
UNION (HUNTERDON)	33	30	30	43	47	183
UNION (UNION)	478	465	468	511	516	2,438
UPPER DEERFIELD (CUMBERLAND)	71	60	61	57	67	316
UPPER FREEHOLD (MONMOUTH)	53	63	54	53	62	285
UPPER PITTSBORO (SALEM)	25	35	33	34	19	146
UPPER SADDLE RIVER (BERGEN)	32	29	40	18	21	140

UPPER (CAPE MAY)	85	68	55	51	54	313
VENTNOR (ATLANTIC)	29	31	32	26	10	128
VERNON (SUSSEX)	100	102	114	90	83	489
VERONA (ESSEX)	77	83	77	70	79	386
VICTORY GARDENS (MORRIS)	3	6	2	2	7	20
VINELAND (CUMBERLAND)	389	400	387	394	391	1,961
VOORHEES (CAMDEN)	138	113	111	123	110	595
WALDWICK (BERGEN)	32	1	26	52	46	157
WALL (MONMOUTH)	307	312	323	292	297	1,531
WALLINGTON (BERGEN)	27	43	31	44	30	175
WANAQUE (PASSAIC)	67	79	75	71	68	360
WANTAGE (SUSSEX)	51	40	52	55	63	261
WARREN (SOMERSET)	89	121	89	97	96	492
WASHINGTON (WARREN)	30	22	20	30	21	123
WASHINGTON (BERGEN)	58	65	48	53	53	277
WASHINGTON (BURLINGTON)	15	3	3	3	1	25
WASHINGTON (GLOUCESTER)	345	292	309	356	312	1,614
WASHINGTON (MORRIS)	102	81	71	61	67	382
WASHINGTON (WARREN)	58	50	53	43	43	247
WATCHUNG (SOMERSET)	89	77	62	57	52	337
WATERFORD (CAMDEN)*	3	0	24	7	1	35
WAYNE (PASSAIC)	560	498	463	522	537	2,580
WEEHAWKEN (HUDSON)	12	9	13	28	17	79
WENONAH (GLOUCESTER)	3	3	8	1	3	18
WEST AMWELL (HUNTERDON)	1	11	16	15	3	46
WEST CALDWELL (ESSEX)	50	64	53	40	51	258
WEST CAPE MAY (CAPE MAY)	0	1	1	2	0	4
WEST DEPTFORD (GLOUCESTER)	74	54	57	64	65	314
WEST LONG BRANCH (MONMOUTH)	92	85	96	123	90	486
WEST MILFORD (PASSAIC)	94	34	118	126	117	489
WEST NEW YORK (HUDSON)	52	54	53	49	35	243
WEST ORANGE (ESSEX)	44	135	225	115	180	699
WEST WINDSOR (MERCER)	249	242	211	239	196	1,137
WESTAMPTON (BURLINGTON)	93	91	80	105	71	440
WESTFIELD (UNION)	163	131	128	106	127	655
WESTVILLE (GLOUCESTER)	4	3	6	4	3	20
WESTWOOD (BERGEN)	63	56	61	56	55	291
WEYMOUTH (ATLANTIC)	8	6	2	2	5	23
WHARTON (MORRIS)	46	59	31	45	51	232

WHITE (WARREN)	25	25	15	31	22	118
WILDWOOD (CAPE MAY)	64	52	44	60	30	250
WILDWOOD CREST (CAPE MAY)	10	6	10	14	9	49
WILLINGBORO (BURLINGTON)	116	127	106	115	107	571
WINFIELD (UNION)	0	0	1	0	1	2
WINSLOW (CAMDEN)	197	100	173	199	223	892
WOOD-RIDGE (BERGEN)	12	17	18	23	19	89
WOODBINE (CAPE MAY)	12	7	4	7	4	34
WOODBIDGE (MIDDLESEX)	789	782	777	766	742	3,856
WOODBURY (GLOUCESTER)	68	56	47	68	61	300
WOODBURY HEIGHTS GLOUCESTER)	12	9	19	14	16	70
WOODCLIFF LAKE (BERGEN)	30	13	27	19	18	107
WOODLAND PARK (PASSAIC)	27	28	47	27	22	151
WOODLAND (BURLINGTON)	7	10	11	13	18	59
WOODLYNNE (CAMDEN)	4	6	5	8	1	24
WOODSTOWN (SALEM)	22	15	10	23	14	84
WOOLWICH (GLOUCESTER)	4	4	70	68	63	209
WRIGHTSTOWN (BURLINGTON)	3	3	1	4	2	13
WYCKOFF (BERGEN)	70	60	69	50	66	315

* Abrupt changes in the number of young drivers involved in crashes for these towns may be due to data issues; in these cases, trends should be interpreted cautiously.

** Data from Princeton Boro, Princeton Twp, and Princeton (all in Mercer County) were combined.

Methods (Appendix A)

This report was created in collaboration with the Children’s Hospital of Philadelphia Center for Injury Research and Prevention. Data management and analysis was conducted by the Center for Injury Research and Prevention.

Data Sources

Young drivers in NJ progress through three Graduated Driver Licensing (GDL) phases: (1) learner’s permit, (2) probationary (intermediate) license, and (3) basic (full, unrestricted) license. NJ is one of only a handful of states that apply GDL requirements to new drivers aged 18 and older.

Data for this report comes from two sources: the NJ Motor Vehicle Commission’s Licensing Database and the NJ Department of Transportation’s Crash Record Database. Data in the Crash Record Database are contingent on municipalities’ reporting to NJ Department of Transportation; in some instances, crash reporting may be incomplete or delayed. These two databases were individually linked in order to connect each driver who crashed with their complete NJ license record and provide per-driver crash rates. This results in having both in-depth data for each police-reported motor vehicle crash and the license status of NJ drivers at the time of the crash. American Community Survey (ACS) 1-year estimates from 2015 were used for county-level population information (US Census Bureau).

Analytic Methods

This report primarily included counts of police-reported crashes occurring in NJ that involved a young driver, young drivers involved in these police-reported crashes, and a description of young drivers and their crashes by various factors of interest. A motor vehicle crash is reportable in NJ if it results in injury to or death of any person or damage to property of any one person in excess of \$500. Data for this report were limited to drivers who were 16-20 years old at the time of the crash and, in some instances, occupants, other drivers, and pedestrians involved in those crashes. Except where noted, data were not restricted to drivers who were licensed in NJ at the time of the crash nor to drivers who were residents of NJ. Similarly, all types of crashes were included, including all vehicle types.

Statewide population counts are available for single years of age in 2015 intercensal population estimates, but county-level population counts are only available for the age groups of 15- to 19-year-olds and 20- to 24-year-olds in the 2015 ACS 1-year estimates. To estimate the number of 16- to 20-year-old residents of each county, we first calculated on the state level the proportion of 15- to 19-year-olds who were each year of age and the proportion of 20- to 24-year-olds who were 20 years old. These proportions were then applied to the county-level population counts for the age groups of 15- to 19-year-olds and 20- to 24-year-olds to calculate population estimates for single years of age. The single year of age estimates for 16- to 20-year-olds were then summed for each county. This method assumes the same proportion of young residents are in each county as are in the state overall; thus, results presented in the map should be considered estimates.

Definitions

Police-reported crash: Crashes in NJ that result in injury to or death of any person or result in property damage of any one person in excess of \$500.

Young driver: Drivers who were 16–20 years old at the time of their police-reported crash.

Young driver crash: A police-reported crash involving at least one driver who was 16–20 years old at the time of the crash.

Physical condition: Investigating officers record the physical condition of each person involved in the crash.

Physical condition definitions from the [NJTR-1 Form Field Manual](#) are as follows:

Killed: Victim is deceased.

Incapacitated: Victim has a non-fatal injury. Cannot walk, drive, or normally continue the activities that they could perform before the motor vehicle crash.

Moderate Injury: An evident injury, other than fatal and incapacitating. Injury is visible, such as a lump on head, abrasion, bleeding, or lacerations.

Complaint of Pain: A report or claim of injury that is not fatal, incapacitating, or moderate. Injury is not visible to the investigating officer.

Crash-contributing circumstances: Investigating officers can record up to two factors that contributed to the crash for each crash-involved driver; categories of contributing circumstances are driver actions, vehicle factors, road or environmental factors, pedestrian factors, and other factors.

License phases: New young drivers in NJ progress through three license phases:

- 1. Learner's permit:** eligible at a minimum age of 16 (17 if no formal driver training) and six-month minimum holding period;
- 2. Probationary license (also known as intermediate license):** eligible at a minimum of age 17, one-year minimum holding period, and subject to restrictions; and
- 3. Basic license (also known as full license):** eligible at a minimum of age 18 following completion of phases 1 and 2.

Table- and Figure-Specific Notes

Figure 1B and Tables 1B-1C: The number of males plus the number of females in each age do not necessarily sum to the total number of people in each age. Each year, there are from 33 to 73 drivers for whom sex was not recorded; these people are included in the overall figure and table but not the sex-specific figures and tables.

Figures 4A-4B and Table 5: For these figures and table, the drivers involved in crashes were restricted to those who were licensed in NJ at time of the crash in order to mirror the number of people licensed in NJ. Those who were unlicensed or had a suspended license were excluded from both categories. For drivers who crashed, age was determined on the date of the crash. Only the first crash in 2017 was used for drivers who crashed more than once, so that each person only was counted once in the analyses. The number of licensed drivers was the number with a valid license on July 1, 2017; age was determined on that date.

Table 7: Excluded from the table are the 131 crashes that did not have time of crash recorded on the crash report.

Table 10: The New Jersey Crash Report includes open-text fields in which the investigating officer is instructed to note citations issued to each driver. These fields can contain any combination of words and numbers, such as the statute violated (e.g., “39:4-89”) or the description of that statute (e.g., “following too closely”). It is important to note that effective September 17, 2008, 16- to 20-year-old NJ drivers who were under GDL were not able to plea bargain point-carrying offenses. For each crash-involved young driver, the text fields were hand coded to identify the specific violation(s) for which a citation was issued. These were then grouped into the following categories:

Citation Category	Statutes Included
Careless driving	19:9-1.17, 39:4-97, 39:4-97.1, 39:4-97.2, 39:4-97.4, 39:4-97A, 39:4-97B, 39:4-97D, 39:4-97F, 39:4-97N, 39:4-97Q
Failure to stop/yield	39:4-105, 39:4-119, 39:4-119A, 39:4-120, 39:4-120.9, 39:4-122, 39:4-128, 39:4-128.1, 39:4-144, 39:4-145, 39:4-35, 39:4-36, 39:4-81, 39:4-87, 39:4-90, 39:4-90.1, 39:4-91, 39:4-92, 39:4-92.2
Leaving the scene of an accident	2C:11-5.1, 2C:12-1, 39:4-129, 39:4-129A, 39:4-129B, 39:4-129D, 39:4-130
Unlicensed driving	39:3-10, 39:3-10.1, 39:3-10.18, 39:3-10.6, 39:3-10.8, 39:3-10A, 39:3-10B, 39:3-37.1, 39:3-37.1A, 39:3-37.1B
Alcohol use	2C:33-15, 39:4-50, 39:4-50.1, 39:4-50.14, 39:4-50.15, 39:4-50.2, 39:4-50.3, 39:4-50.8, 39:4-50.9, 39:4-50A, 39:4-50B, 39:4-50G, 39:4-51, 39:4-51A, 39:4-51B
GDL violation	39:3-13, 39:3-13.1, 39:3-13.2, 39:3-13.2A, 39:3-13.3, 39:3-13.3B, 39:3-13.4, 39:3-13.4B, 39:3-13.4G, 39:3-13.8, 39:3-13.8A, 39:3-13.8B, 39:3-13.8C, 39:3-13.8D, 39:3-13.8E, 39:3-13.8F, 39:3-13.8G
Reckless driving	39:4-96
Driving with a suspended license	39:3-40, 39:3-40H
Following too closely	39:4-39, 39:4-89
Use of electronic equipment (non-GDL)	39:4-97.3, 39:4-97.3A, 39:4-97G
Seat belt nonuse (non-GDL)	39:3-76.2, 39:3-76.2A, 39:3-76.2F, 39:3-76.3A
Speeding	19:9-1.2, 39:4-52, 39:4-98, 39:4-99, 39:5-1, 39:5C-1
Drug use	2C:35-10, 2C:35-10A, 2C:35-10B, 2C:36-2, 39:4-49, 39:4-49.1
Other non-moving violations*	39:3-29, 39:3-4, 39:3-44, 39:3-72, 39:4-67, 39:6B-2, 39:8-1
Other moving violations**	39:4-115, 39:4-123, 39:4-125, 39:4-127, 39:4-56, 39:4-66, 39:4-82, 39:4-85, 39:4-88, 39:4-88B

* There were 150 statutes coded in this category; the 7 statutes with citations issued to 100 or more drivers are listed here.

** There were 40 statutes coded in this category; the 10 statutes with citations issued to 100 or more drivers are listed here.

Important Notes when Interpreting Data

1. This report included all police-reported crashes involving a young driver that occurred in NJ regardless of whether the young driver was a NJ resident or NJ licensed driver.
2. The numbers represented here may not exactly match those in the [New Jersey Teen Drivers 2014 report](#). Data used in this report were generated at a different time than data used for the previous report; thus, the two data sets may have slightly different data due to delayed reporting.
3. It may not be appropriate to compare data presented in this report to data presented in reports of other jurisdictions, such as other state- or national-level data. Readers are advised to use caution when comparisons are made given the following: a) different definitions of or requirements for reportable crashes, b) different ages at which young drivers are eligible for licensure, and c) different definitions of young drivers. For example, reportable crashes in NJ include those with property damage of \$500 or more, whereas other jurisdictions may require more extensive damage or at least one injury in order to be considered a reportable crash.
4. Comparisons across years: It is important to note that year-to-year changes in the number of young drivers who crashed will to a certain extent reflect changes in the number of licensed young drivers.

Complementary Analyses on New Jersey's Young Drivers

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