

New York State Traffic Safety and COVID-19 Speed-Related Motor Vehicle Crashes: 2019 vs. 2020

	Fatal & Personal Injury Crashes (F&PI)					
	Speed-Related			Total		
	2019	2020	Change	2019	2020	Change
January	1,268	1,112	-12.3%	8,880	8,604	-3.1%
February	1,140	907	-20.4%	8,086	7,661	-5.3%
March	961	672	-30.1%	8,762	5,769	-34.2%
April	808	505	-37.5%	8,413	2,895	-65.6%
May	943	744	-21.1%	10,237	5,101	-50.2%
June	982	794	-19.1%	10,592	6,959	-34.3%
July	991	906	-8.6%	10,702	8,128	-24.1%
August	964	964	0.0%	10,021	8,379	-16.4%
September	849	959	+13.0%	9,739	8,302	-14.8%
October	968	1,024	+5.8%	10,500	8,463	-19.4%
November	916	949	+3.6%	9,427	7,562	-19.8%
December	1,273	962	-24.4%	10,165	6,783	-33.3%
TOTAL	12,063	10,498	-13.0%	115,524	84,606	-26.8%

The table above indicates that speed-related F&PI crashes were a more serious problem during 2020, the first year of COVID-19, than in the previous year 2019:

- Although the total number of F&PI crashes decreased 27% from 2019 to 2020, the number of speed-related F&PI crashes experienced a much smaller decrease of 13%.
- Each month March-December, a comparison of the 2019 and 2020 data shows that the number of speed-related F&PI crashes experienced either smaller decreases or actual increases when compared to all F&PI crashes.

NOTES: Speed-Related Crashes are identified based on the presence of a contributing factor for unsafe speed or a citation for speeding.

Source: All data were obtained from the NYS Department of Motor Vehicles Accident Information System (AIS) and include only police-reported crashes.

Institute for Traffic Safety Management and Research, December 2021

New York State Traffic Safety and COVID-19 Drivers Ticketed for Speeding: 2019 vs. 2020

	Drivers Ticketed					
	Speeding			All Offenses		
	2019	2020	Change	2019	2020	Change
January	49,756	53,439	+7.4%	216,196	214,520	-0.8%
February	49,459	52,839	+6.8%	204,407	197,038	-3.6%
March	62,148	37,237	-40.1%	236,804	129,846	-45.2%
April	58,494	14,649	-75.0%	222,991	28,172	-87.4%
May	54,722	50,900	-7.0%	236,869	110,833	-53.2%
June	60,433	44,836	-25.8%	210,964	106,136	-49.7%
July	59,383	52,011	-12.4%	212,192	125,062	-41.1%
August	65,379	62,584	-4.3%	211,837	141,864	-33.0%
September	59,847	54,149	-9.5%	203,608	144,972	-28.8%
October	54,532	52,118	-4.4%	192,873	141,741	-26.5%
November	54,679	47,172	-13.7%	191,563	134,136	-30.0%
December	40,828	40,212	-1.5%	155,841	113,271	-27.3%
TOTAL	669,660	562,146	-16.1%	2,496,145	1,587,591	-36.4%

Similar to data on speed-related F&PI crashes, the above table on ticket data also indicates that speeding on New York's roadways was a serious problem during the first year of COVID-19:

- While drivers ticketed for speeding dropped 16% between 2019 and 2020, the total number of drivers ticketed for all offenses experienced a much larger decline of 36%.
- Each month beginning with March, a comparison of the 2019 and 2020 ticket data shows that the number of drivers ticketed for speeding experienced much smaller decreases when compared to all drivers ticketed.

New York State Traffic Safety and COVID-19 Impaired Motor Vehicle Crashes: 2019 vs. 2020

	Fatal & Personal Injury Crashes (F&PI)					
	Impaired			Total		
	2019	2020	Change	2019	2020	Change
January	313	329	+5.1%	8,880	8,604	-3.1%
February	329	325	-1.2%	8,086	7,661	-5.3%
March	362	273	-24.6%	8,762	5,769	-34.2%
April	341	173	-49.3%	8,413	2,895	-65.6%
May	468	312	-33.3%	10,237	5,101	-50.2%
June	431	330	-23.4%	10,592	6,959	-34.3%
July	439	383	-12.8%	10,702	8,128	-24.1%
August	411	374	-9.0%	10,021	8,379	-16.4%
September	364	417	+14.6%	9,739	8,302	-14.8%
October	355	387	+9.0%	10,500	8,463	-19.4%
November	327	331	+1.2%	9,427	7,562	-19.8%
December	324	297	-8.3%	10,165	6,783	-33.3%
TOTAL	4,464	3,931	-11.9%	115,524	84,606	-26.8%

The table above indicates that impaired F&PI crashes were a more serious problem during 2020, the first year of COVID-19, than in the previous year 2019:

- Although the total number of F&PI crashes decreased 27% from 2019 to 2020, the number of impaired F&PI crashes experienced a smaller decrease of 12%.
- Each month March-December, a comparison of the 2019 and 2020 data shows that the number of impaired F&PI crashes experienced either smaller decreases or an increase when compared to all F&PI crashes.

NOTES: Impaired crashes are based on a contributing factor for alcohol involvement, drugs (prescription or illegal) or citation for impaired driving or positive BAC or toxicology result.
Source: All data were obtained from the NYS Department of Motor Vehicles Accident Information System (AIS) and include only police-reported crashes..

New York State Traffic Safety and COVID-19 Drivers Ticketed for Impaired Driving: 2019 vs. 2020

	Drivers Ticketed (TSLED ONLY)					
	Impaired Driving			All Offenses		
	2019	2020	Change	2019	2020	Change
January	2,521	2,231	-11.5%	216,196	214,520	-0.8%
February	2,601	2,363	-9.2%	204,407	197,038	-3.6%
March	3,172	1,792	-43.5%	236,804	129,846	-45.2%
April	2,728	885	-67.6%	222,991	28,172	-87.4%
May	2,938	1,820	-38.1%	236,869	110,833	-53.2%
June	2,943	1,829	-37.9%	210,964	106,136	-49.7%
July	2,994	2,282	-23.8%	212,192	125,062	-41.1%
August	3,055	2,515	-17.7%	211,837	141,864	-33.0%
September	2,760	2,246	-18.6%	203,608	144,972	-28.8%
October	2,601	2,267	-12.8%	192,873	141,741	-26.5%
November	2,672	2,001	-25.1%	191,563	134,136	-30.0%
December	2,448	1,763	-28.0%	155,841	113,271	-27.3%
TOTAL	33,433	23,994	-28.2%	2,496,145	1,587,591	-36.4%

The above table indicates that impaired driving on New York's roadways was a somewhat more serious problem during the first several months of COVID-19 than in the later months of COVID's first year:

- Drivers ticketed under TSLED for impaired driving in 2020 dropped 28% from 2019, less than the decline experienced in the total number of drivers ticketed under TSLED from 2019 (36%).
- A comparison of 2019 and 2020 shows that between March and December the number of drivers ticketed for impaired driving each month experienced smaller decreases than the number of drivers ticketed for all offenses.

New York State Fact Sheet

Motor Vehicle Occupant Fatalities and Restraint Use: 2019 vs. 2020

	MV Occupant Fatalities in All Crashes			
	2019		2020	
Restrained	255	54.3%	285	51.8%
Not Restrained	172	36.6%	209	38.0%
Unknown	43	9.1%	56	10.2%
TOTAL	470		550	

	MV Occupant Fatalities in Speed-Related Crashes				MV Occupant Fatalities in Impaired Crashes			
	2019		2020		2019		2020	
Restrained	73	42.0%	115	46.2%	96	45.1%	131	46.0%
Not Restrained	81	46.5%	103	41.4%	89	41.8%	126	44.2%
Unknown	20	11.5%	31	12.4%	28	13.1%	28	9.8%
TOTAL	174		249		213		285	

Between 2019 and 2020:

- **17% increase in total MV occupant fatalities (470 vs. 508)**
 Proportion of fatalities that were unrestrained rose from 37% to 38%
- **43% increase in occupant fatalities in speed-related crashes (174 vs. 249)**
 Proportion of fatalities that were unrestrained dropped from 47% to 41%
- **34% decrease in occupant fatalities in impaired crashes (213 vs. 285)**
 Proportion of fatalities that were unrestrained rose from 42% to 44%

Source: All data were obtained from the NYS Department of Motor Vehicles Accident Information System (AIS) and include only police-reported crashes.
Institute for Traffic Safety Management and Research, December 2021

New York State Fact Sheet

Speed-Related Motor Vehicle Crashes and Drivers Ticketed for Speeding by Month

	F & PI Crashes				Drivers Ticketed			
	Speed-Related		Total		Speeding		All Offenses	
	2019	2020	2019	2020	2019	2020	2019	2020
January	1,268	1,112	8,880	8,604	49,756	53,439	216,196	214,520
February	1,140	907	8,086	7,661	49,459	52,839	204,407	197,038
March	961	672	8,762	5,769	62,148	37,237	236,804	129,846
April	808	505	8,413	2,895	58,494	14,649	222,991	28,172
May	943	744	10,237	5,101	54,722	50,900	236,869	110,833
June	982	794	10,592	6,959	60,433	44,836	210,964	106,136
July	991	906	10,702	8,128	59,383	52,011	212,192	125,062
August	964	964	10,021	8,379	65,379	62,584	211,837	141,864
September	849	959	9,739	8,302	59,847	54,149	203,608	144,972
October	968	1,024	10,500	8,463	54,532	52,118	192,873	141,741
November	916	949	9,427	7,562	54,679	47,172	191,563	134,136
December	1,273	962	10,165	6,783	40,828	40,212	155,841	113,271
TOTAL	12,063	10,498	115,524	84,606	669,660	562,146	2,496,145	1,587,591
Change		-13.0%		-26.8%		-16.1%		-36.4%

NOTES: Speed-Related Crashes are identified based on the presence of a contributing factor for unsafe speed or a citation for speeding. Impaired crashes are identified based on the presence of a contributing factor for alcohol involvement, drugs (prescription or illegal) or citation for impaired driving or positive BAC or positive toxicology result.

Source: All data were obtained from the NYS Department of Motor Vehicles AIS, TSLED, AA and NYPD ticket systems and include only police-reported crashes.

New York State Fact Sheet

Impaired Motor Vehicle Crashes and Drivers Ticketed for Impaired Driving by Month

	F & PI Crashes				Drivers Ticketed (TSLED ONLY)			
	Impaired		Total		Impaired Driving		All Offenses	
	2019	2020	2019	2020	2019	2020	2019	2020
January	313	329	8,880	8,604	2,521	2,231	216,196	214,520
February	329	325	8,086	7,661	2,601	2,363	204,407	197,038
March	362	273	8,762	5,769	3,172	1,792	236,804	129,846
April	341	173	8,413	2,895	2,728	885	222,991	28,172
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September	364	417	9,739	8,302	2,760	2,246	203,608	144,972
October	355	387	10,500	8,463	2,601	2,267	192,873	141,741
November	327	331	9,427	7,562	2,672	2,001	191,563	134,136
December	324	297	10,165	6,783	2,448	1,763	155,841	113,271
TOTAL	4,464	3,931	115,524	84,606	33,433	23,994	2,496,145	1,587,591
Change		-11.9%		-26.8%		-28.2%		-36.4%

NOTES: Impaired crashes are identified based on the presence of a contributing factor for alcohol involvement, drugs (prescription or illegal) or citation for impaired driving or positive BAC or positive toxicology result.

Source: All data were obtained from the NYS Department of Motor Vehicles AIS and TSLED systems and include only police-reported crashes.