

User Guide

New York State Traffic Safety Statistical Repository (TSSR)

The NYS Traffic Safety Statistical Repository (TSSR) was developed by the University at Albany's Institute for Traffic Safety Management and Research (ITSMR) with funding from the NYS Governor's Traffic Safety Committee, to provide broader access to New York's traffic safety data.

The TSSR contains motor vehicle crash data and traffic safety ticket data. The crash data are obtained from the NYS Department of Motor Vehicles (DMV) Accident Information System (AIS). The ticket data are captured by two systems maintained by the NYS DMV: Traffic Safety Law Enforcement and Disposition (TSLED) and Administrative Adjudication (AA). Data for impaired driving tickets issued in NYC are captured by a separate system maintained by the NYPD and included in the TSSR. The TSSR provides public access to a rolling ten years of finalized data and preliminary data for the most recent year(s).

This guide provides instructions for navigating the TSSR system and interacting with the tables and graphs to view, understand and work with the data.

Contents

Access the TSSR.....	2
Select a Report.....	3
Navigate to Reports	3
Navigate to Report Sections	4
Filter Results for Tables and Graphs	6
Filter with the Report Type Dropdown	6
Filter with Checklists	6
Filter with Charts.....	7
Work with Tables and Graphs.....	8
Maximize/Restore.....	8
Save Image	8
Export Data	9
Sort Data	9
Empty or Missing Data	10
Percentages.....	10

Access the TSSR

To access the TSSR, go to <https://www.itsmr.org/traffic-safety-statistical-repository/>. The main page, or **TSSR Report Links**, provides links to the main categories of reports. Click **Crash Reports** or **Ticket Reports** or **Data Dashboard** to go to a separate page containing a list of links to the available reports or charts.

TSSR Report Links

New York State Traffic Safety Statistical Repository (TSSR)

[Crash Reports](#)

[Ticket Reports](#)

[Data Dashboard](#)

[User Guide](#)
[FAQ](#)
[Glossary](#)
[TSSR Directory](#)

The Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles is the state's primary crash information system. The AIS captures a wide variety of data from the crash reports submitted by police agencies and motorists. Since the public does not have direct access to the AIS, the GTSC funded ITSMR to design and develop a traffic safety data repository that is publicly accessible via the Internet. As a result, ITSMR built a system known as the Traffic Safety Statistical Repository (TSSR) that captures crash and ticket data. ITSMR has also developed standardized reports and query tools to facilitate access to the data.

Your feedback is important to us!
Please take this six-question [TSSR survey](#) to provide us with valuable insights as we begin redesigning the TSSR to better serve you.

DATA SOURCES:

Crash Data: NYS Department of Motor Vehicles Accident Information System (AIS) data snapshot as of **05/15/2025**. Includes the finalized crash data for 2014-2023 and the preliminary data for 2024 and 2025. The preliminary data are subject to updates as new or additional information is reported to the DMV following the snapshot date.

Ticket Data: NYS Department of Motor Vehicles Traffic Safety Law Enforcement and Disposition (TSLED) and Administrative Adjudication (AA) systems data snapshot as of **May 2025**, including finalized data for 2014-2023 and preliminary data for 2024 and 2025; and NYPD ticket

TSSR Report Links: Report Links > Crash Report Links

New York State Motor Vehicle Crash Data

[User Guide](#)
[FAQ](#)
[Glossary](#)
[TSSR Directory](#)

Statewide Motor Vehicle Crash Summary Reports
[Statewide Crashes](#)
[Motorcycle Crashes](#)
[Pedestrian Crashes](#)
[Bicycle Crashes](#)
[Large Truck Crashes](#)
[Alcohol-Related Crashes \(Police-Reported only\)](#)
[Drug-Related Crashes \(Police-Reported only\)](#)
[Substance-Related Crashes \(Police-Reported only\)](#)
[Speed-Related Crashes \(Police-Reported only\)](#)
[Young Driver Crashes](#)
[Older Driver Crashes](#)

Other Reports
[Crash Data by Region](#)
[Crash Data by County](#)

County Motor Vehicle Crash Summary Reports
[County Crashes](#)
[Motorcycle Crashes](#)
[Pedestrian Crashes](#)
[Bicycle Crashes](#)
[Large Truck Crashes](#)
[Alcohol-Related Crashes \(Police-Reported only\)](#)
[Drug-Related Crashes \(Police-Reported only\)](#)
[Substance-Related Crashes \(Police-Reported only\)](#)
[Speed-Related Crashes \(Police-Reported only\)](#)
[Young Driver Crashes](#)
[Older Driver Crashes](#)
[New York City Crashes](#)

[Crash Data by County and Municipality](#)

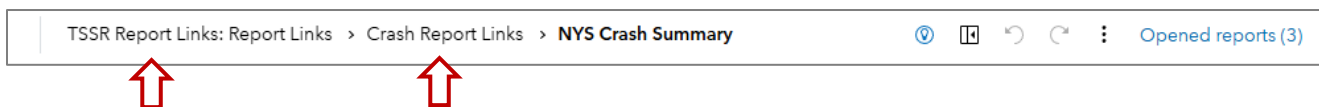
Select a Report

Crash and ticket reports are organized into two main categories – statewide and county crash and ticket summary reports. Click a link to **open the report**. Crash and ticket data by region or by county and municipality can be found under **Other Reports**.

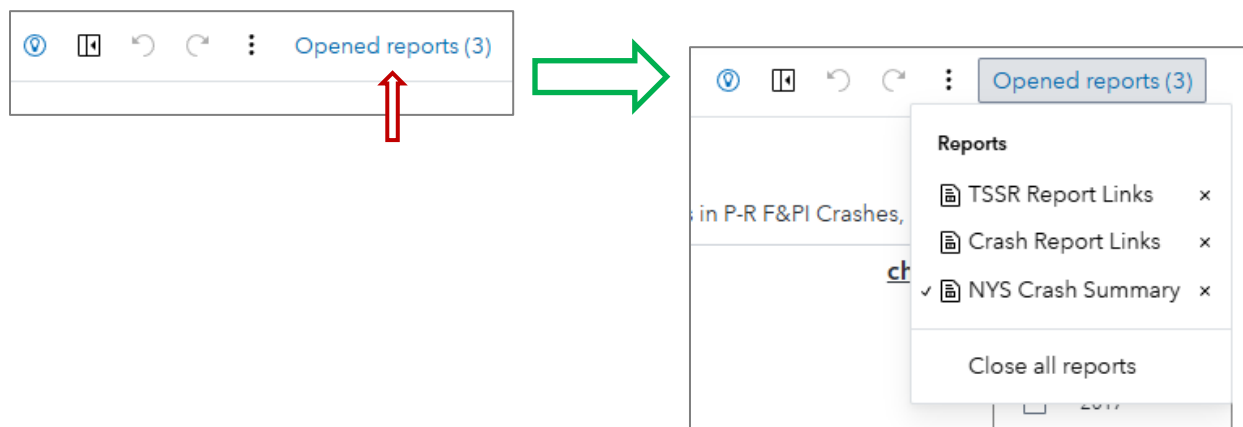
Statewide Motor Vehicle Crash Summary Reports	County Motor Vehicle Crash Summary Reports
Statewide Crashes	County Crashes
Motorcycle Crashes	Motorcycle Crashes
Pedestrian Crashes	Pedestrian Crashes
Bicycle Crashes	Bicycle Crashes
Large Truck Crashes	Large Truck Crashes
Alcohol-Related Crashes (Police-Reported only)	Alcohol-Related Crashes (Police-Reported only)
Drug-Related Crashes (Police-Reported only)	Drug-Related Crashes (Police-Reported only)
Substance-Related Crashes (Police-Reported only)	Substance-Related Crashes (Police-Reported only)
Speed-Related Crashes (Police-Reported only)	Speed-Related Crashes (Police-Reported only)
Young Driver Crashes	Young Driver Crashes
Older Driver Crashes	Older Driver Crashes
New York City Crashes	
Other Reports	
Crash Data by Region	Crash Data by County
	Crash Data by County and Municipality

Navigate to Reports

The **Navigation Bar** appears at the top of each Report page. Click the **report links** to return to the previous reports.



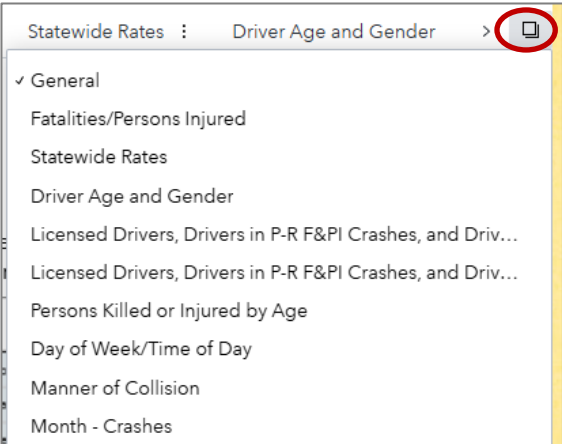
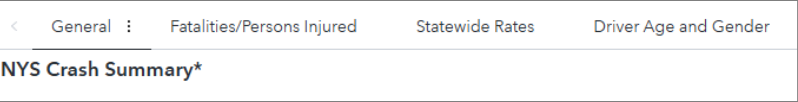
Click the **Opened reports** on the top right to navigate quickly to **reports currently open**; click the **"x"** to **close** a report.



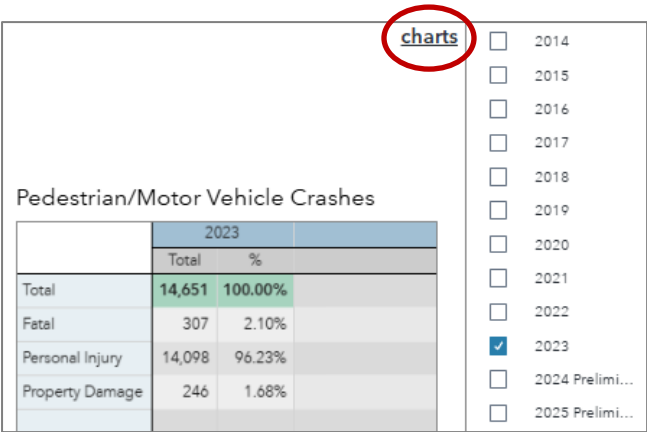
Tip: To save time once reports are opened, use the **Opened reports**; avoid using your browser's back button. Clicking the browser's back button and then returning to the TSSR requires extra time to re-load reports into memory.

Navigate to Report Sections

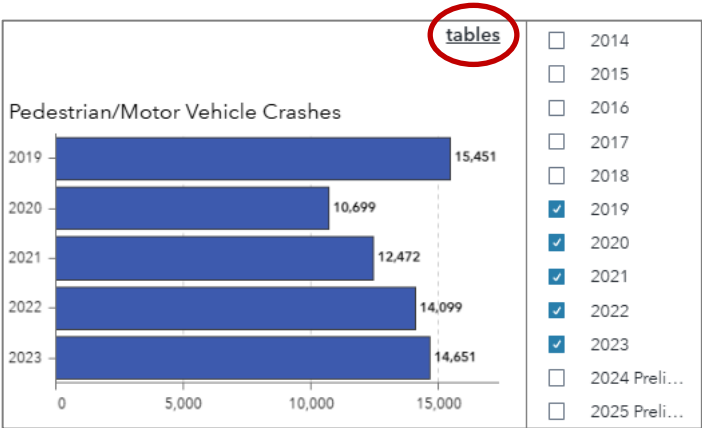
Every crash report and ticket report have multiple **sections**, or **tabs**. For example, each statewide crash report opens by default to a page with **General** data displayed in tables. Click a different page or click the **List of tabs icon** to choose from a list of available tabs. A complete list of current TSSR reports and associated sections can be found in the document entitled [TSSR Directory of Reports and Sections](#).



For the statewide crash and ticket reports, click the **charts** link to go to a section containing corresponding charts. Note that tables are available for most report sections. Charts are available for selected report sections.



Click **tables** to return to the corresponding tabular section.

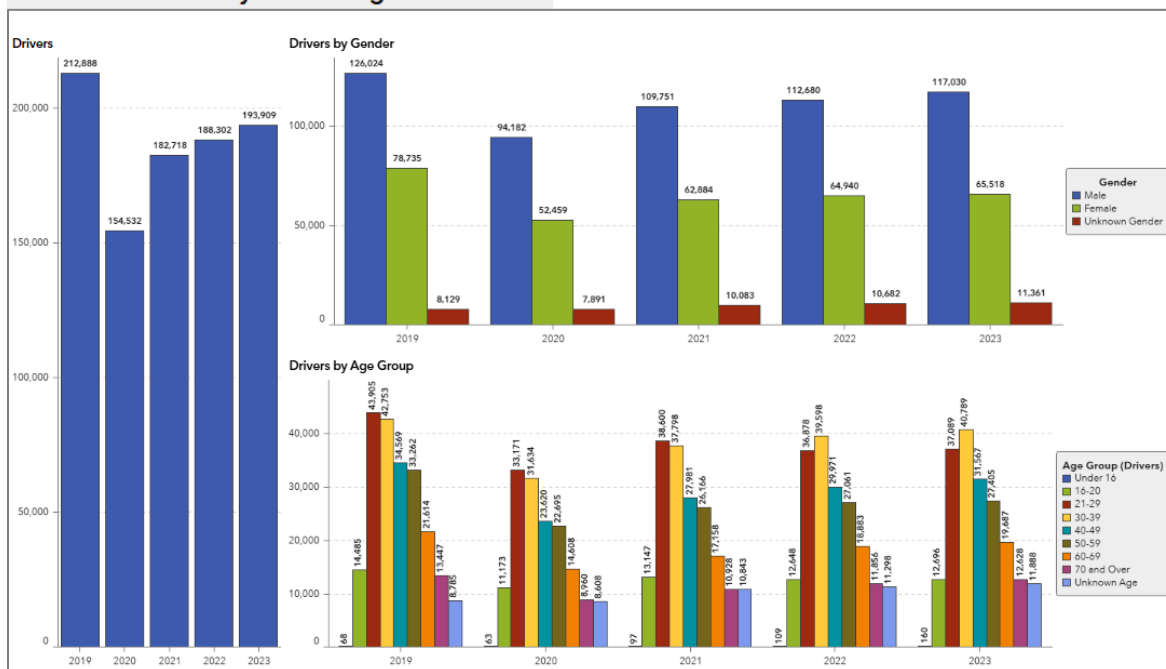


Some sections – for example, **Driver Age and Gender** – contain a single table and multiple corresponding charts.

NYS Crash Summary - Driver Age and Gender by Crash Type

	2023		Fatal		Personal Injury		Property Damage	
	Total	%	Total	%	Total	%	Total	%
Total	602,674	100.00%	1,496	100.00%	192,413	100.00%	408,765	100.00%
Male	345,311	57.30%	1,138	76.07%	115,892	60.23%	228,281	55.85%
Under 16	263	0.04%	4	0.27%	126	0.07%	133	0.03%
16-20	26,632	4.42%	103	6.89%	7,837	4.07%	18,692	4.57%
21-29	68,961	11.44%	226	15.11%	23,499	12.21%	45,236	11.07%
30-39	72,294	12.00%	243	16.24%	25,743	13.38%	46,308	11.33%
40-49	57,729	9.58%	171	11.43%	20,151	10.47%	37,407	9.15%
50-59	52,461	8.70%	169	11.30%	17,701	9.20%	34,591	8.46%
60-69	39,975	6.63%	117	7.82%	12,849	6.68%	27,009	6.61%
70 and Over	26,081	4.33%	105	7.02%	7,575	3.94%	18,401	4.50%
Unknown Age	915	0.15%	—	.	411	0.21%	504	0.12%
Female	213,714	35.46%	330	22.06%	65,188	33.88%	148,196	36.25%
Under 16	58	0.01%	—	.	30	0.02%	28	0.01%
16-20	17,731	2.94%	25	1.67%	4,731	2.46%	12,975	3.17%
21-29	42,691	7.08%	56	3.74%	13,308	6.92%	29,327	7.17%
30-39	44,409	7.37%	68	4.55%	14,735	7.66%	29,606	7.24%
40-49	35,382	5.87%	37	2.47%	11,208	5.82%	24,137	5.90%
50-59	30,553	5.07%	45	3.01%	9,490	4.93%	21,018	5.14%
60-69	23,646	3.92%	49	3.28%	6,672	3.47%	16,925	4.14%
70 and Over	18,961	3.15%	50	3.34%	4,898	2.55%	14,013	3.43%
Unknown Age	283	0.05%	—	.	116	0.06%	167	0.04%
Unknown Gender	43,649	7.24%	28	1.87%	11,333	5.89%	32,288	7.90%
Unknown Age	43,649	7.24%	28	1.87%	11,333	5.89%	32,288	7.90%

NYS Crash Summary - Driver Age and Gender



Filter Results for Tables and Graphs

Filter with the Report Type Dropdown

All Reportable Crashes

Clear Filter

Police-Reported Crashes

The **Report Type dropdown** list indicates the type of crash report from which the data in the tables or graphs is derived. The default setting for most TSSR crash reports, tables and charts is **All Reportable Crashes**, i.e., crashes in New York State that cause a fatality, a personal injury, or damage over \$1,000 to the property of any one person on a public roadway. This setting includes crash data received from both police crash

reports and motorist crash reports. Select **Police-Reported Crashes** to limit the results to information received from police crash reports. Select **Clear Filter** to see results for all reportable crashes. Note that some tables and graphs in the TSSR are limited to data from police-reported crashes, e.g., Severity of Crash in the General section; these are labeled **Police-Reported**. Clearing the filter will not affect the results for these tables or graphs. The reports that include only police-reported crash data, e.g., **Alcohol-Related Crash Summaries**, do not have a Report Type dropdown list.

Filter with Checklists

Select one or multiple items in each checklist to **filter the data in tables and graphs**.

The default setting for the **Year checklist** in the tabular reports is the most recent final and complete year of data currently available. For the graphical reports, the default setting is the most recent five years of finalized data. Data for years that are not yet finalized are tagged “Preliminary” until the file is complete and the final clean-up has been conducted. Crash data are typically finalized by September of the following year. Exercise caution when using Preliminary data.

☐ 2014

☐ 2015

☐ 2016

☐ 2017

☐ 2018

☐ 2019

☐ 2020

☐ 2021

☐ 2022

☒ 2023

☐ 2024 Preliminary

☐ 2025 Preliminary

The County Crash and Ticket Summaries include a **County checklist** to show results for any or all of the counties in New York State. The default setting for the tabular reports is all 62 counties.

☐ ALBANY

☐ ALLEGANY

☐ BRONX

☐ BROOME

☐ CATTARAUGUS

☐ CAYUGA

☐ CHAUTAUQUA

☐ CHEMUNG

☐ CHENANGO

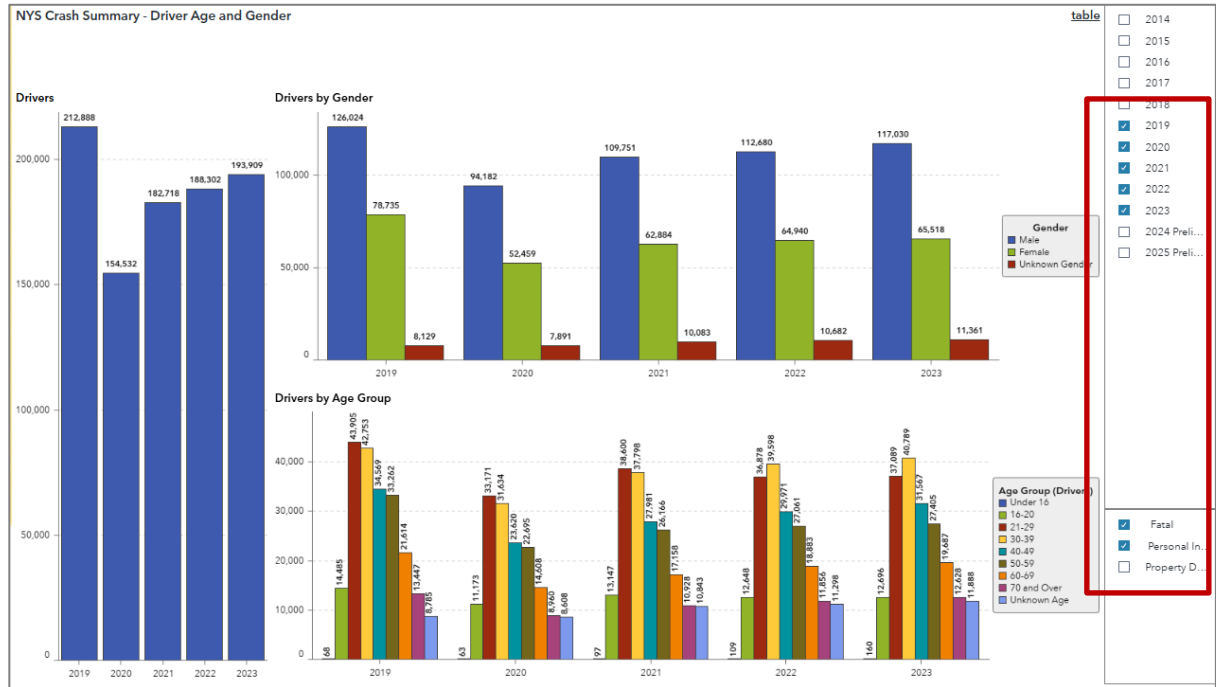
☐ CLINTON

Filter with Charts

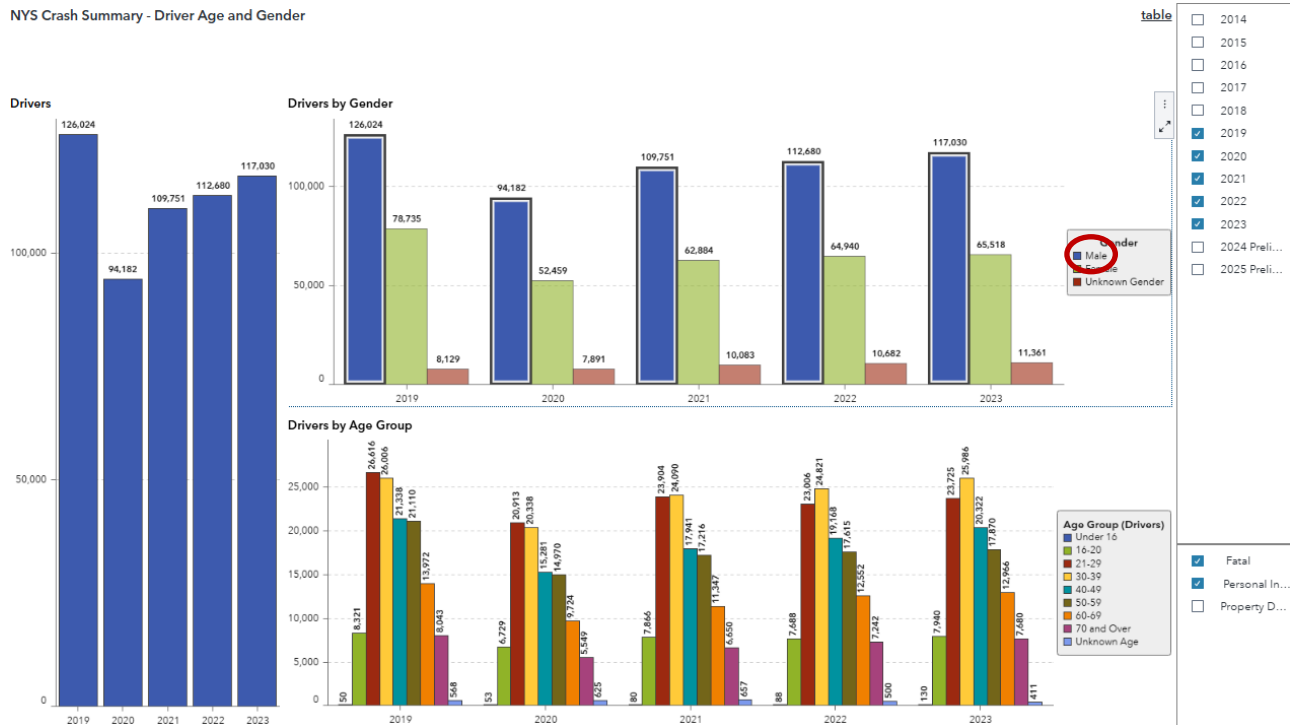
Click a single value in a chart legend, or Control-click multiple values, to **filter data results in charts**, where available.

Example: To find the numbers of male drivers under age 30 who were involved in fatal and personal injury crashes in New York State from 2019 to 2023, go to Statewide Crashes > Driver Age and Gender, click **charts** and follow these steps:

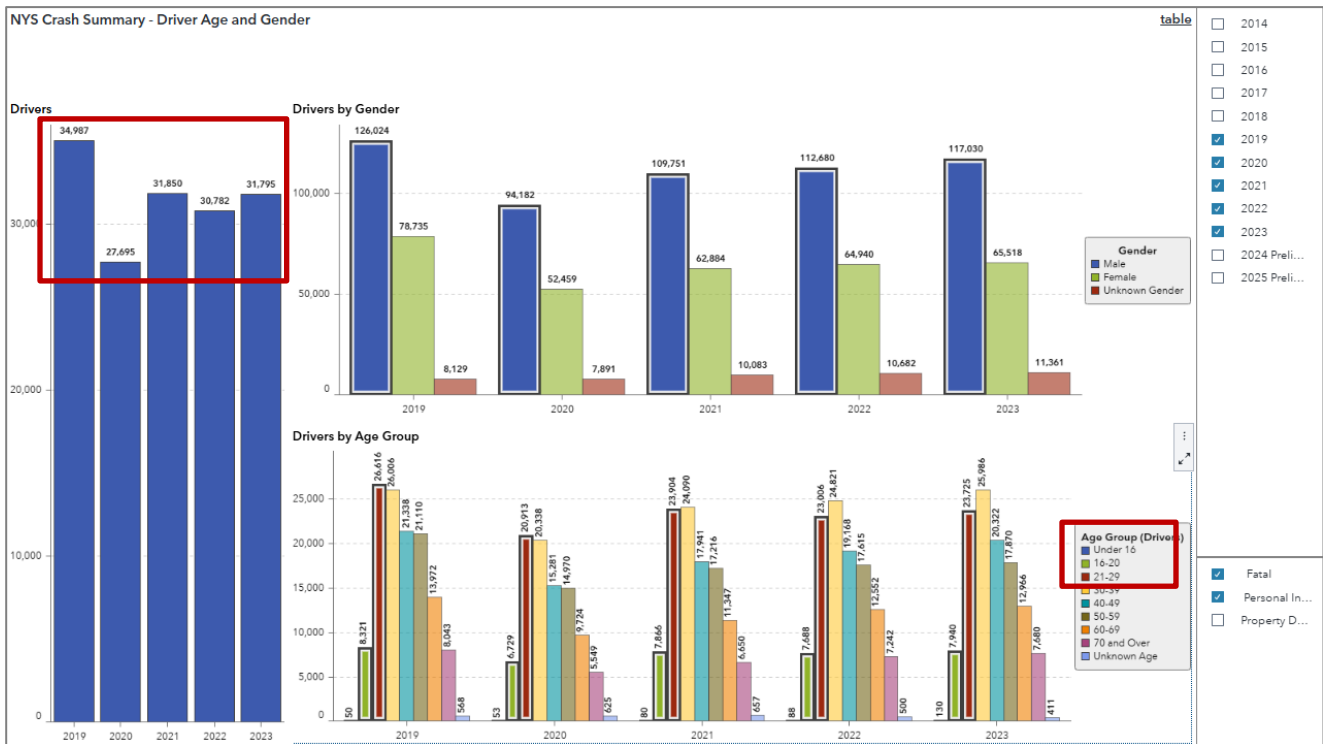
1. On the checklists, select years **2019-2023**; select **Fatal** and **Personal Injury**.



2. In the chart legend for **Drivers by Gender**, click **Male**.



3. In the chart legend for **Drivers by Age Group**, control-click **Under 16**, **16-20**, and **21-29**. View results in the **Drivers** chart.



Work with Tables and Graphs

Maximize/Restore

Severity of Crash (Police-Reported)

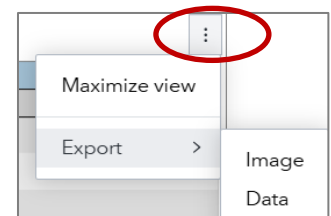
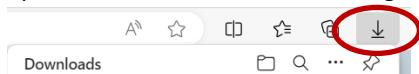
	2021		2022		2023		
	Total	%	Total	%	Total	%	
Property Damage (O)	1,000	86.44%	1,749	83.06%	1,083	82.92%	
GREENE	1,462	0.43%	1,665	0.47%	1,365	0.40%	
Fatal (K)	8	0.55%	9	0.54%	3	0.22%	
Serious (A)	49	3.35%	53	3.18%	66	4.84%	
Moderate (B)	61	4.17%	67	4.02%	58	4.25%	
Minor (C)	90	6.16%	110	6.61%	96	7.03%	
Unk Severity	4	0.27%	5	0.30%	5	0.37%	
Property Damage (O)	1,350	85.50%	1,474	85.35%	1,127	83.30%	

Click the 3 dots in the top right corner of a table or graph and select **Maximize view** to **Maximize**. Click the 3 dots and **Restore View** to **Exit maximized view**.

Use the scroll bar on the right of the table to scroll vertically. Use the scroll bar at the bottom of the table to scroll horizontally.

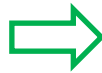
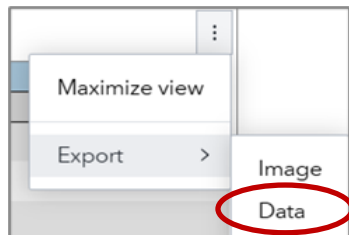
Save Image

Click the 3 dots in the top right corner of a table or graph and select **Export** and then **Image** to open or save/download a PNG image of the table or graph from the browser menu bar.



Export Data

To export data, click the 3 dots in the top right corner of a table or graph and select **Export** and then **Data...** Select desired options in the Export Data dialog box; then click **Export**. You can open or save the resulting file.

A screenshot of the 'Export Data' dialog box. It has a title bar with a close button (X). The main area is titled 'Export Data'. Under 'Columns:', there is a 'Clear selection' link and four checked items: 'Year', 'SEVERITY_DESCR_4', 'Total', and '%'. There is an unchecked checkbox for 'Specify a range of rows' and a checked checkbox for 'Formatted data'. Under 'File type:', there is a dropdown menu showing 'Excel workbook (*.xlsx)'. At the bottom right, there are 'Export' and 'Cancel' buttons, with the 'Export' button circled in red.

Sort Data

To sort any Total or Percent column in ascending or descending order, click the column heading. For example, the **up arrow icon** indicates that the totals have been sorted in ascending order and the **down arrow icon** indicates that the totals have been sorted in descending order.

County Pedestrian Crash Summary

	2023	
	Total	%
Total	14,651	100.00%
LEWIS	1	0.01%
Personal Injury	1	100.00%
YATES	2	0.01%
Personal Injury	2	100.00%
SENECA	3	0.02%
Fatal	1	33.33%
Personal Injury	2	66.67%

	2023	
	Total	%
Total	14,651	100.00%
KINGS	3,539	24.16%
Personal Injury	3,475	98.19%
Property Damage	37	1.05%
Fatal	27	0.76%
QUEENS	2,653	18.11%
Personal Injury	2,600	98.00%
Fatal	33	1.24%

A message 'No data matches the current filters' appears if the filters have no matching data.

County Pedestrian Crash Summary - Pedestrians Killed or Injured by Age

Rows with no data do not appear in the table or graph.

For example, no pedestrians under age 21 were killed or injured in Columbia County in 2023.

Percentages

Column percentages are provided for selected report tables. Note that for the traffic safety ticket data, percentages are rounded to the nearest tenth of one percent. Column percentages may not total precisely 100.00% due to rounding.

10

NYS Crash Summary - Driver Age and Gender by Crash Type

	2023	
	Total	%
Total	602,674	100.00%
Male	345,311	57.30%
Under 16	263	0.04%
16-20	26,632	4.42%
21-29	68,961	11.44%
30-39	72,294	12.00%
40-49	57,729	9.58%
50-59	52,461	8.70%
60-69	39,975	6.63%
70 and Over	26,081	4.33%
Unknown Age	915	0.15%
Female	213,714	35.46%
Under 16	58	0.01%
16-20	17,731	2.94%
21-29	42,691	7.08%
30-39	44,409	7.37%
40-49	35,382	5.87%
50-59	30,553	5.07%
60-69	23,646	3.92%
70 and Over	18,961	3.15%
Unknown Age	283	0.05%
Unknown Gender	43,649	7.24%
Unknown Age	43,649	7.24%

For the Statewide Driver Age and Gender table, the **subtotal percentages** add up to 100%, and the individual percentages within the subgroups together add up to 100%.

Note that percentages are calculated based on the filters you have selected. For example, 7.08% of the drivers involved in fatal, personal injury and property damage crashes in New York State in 2023 were females 21-29 years old. Click the **Female** checkbox and observe that 19.98% of the female drivers involved in crashes statewide in 2023 were 21-29 years old.

☐ Male
 ☒ Female



	2023	
	Total	%
Total	213,714	100.00%
Female	213,714	100.00%
Under 16	58	0.03%
16-20	17,731	8.30%
21-29	42,691	19.98%
30-39	44,409	20.78%
40-49	35,382	16.56%
50-59	30,553	14.30%
60-69	23,646	11.06%
70 and Over	18,961	8.87%
Unknown Age	283	0.13%