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

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

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
Statewide Crashes
Motorcycle Crashes
Pedestrian Crashes
Bicycle Crashes
Large Truck Crashes
Alcohol-Related Crashes (Police-Reported only)
Drug-Related Crashes (Police-Reported only)
Impaired 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)
Impaired 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

Navigate to Reports

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

TSSR Report Links > Crash Report Links > **NYS Crash Summary**
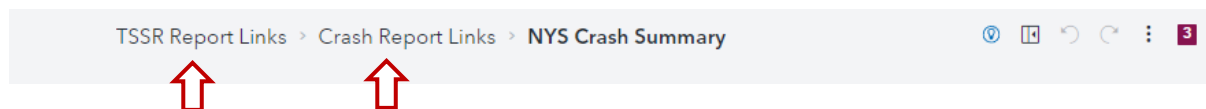
Click the **Opened reports icon** on the top right to navigate quickly to reports currently open; click the **"x"** to close a report.

Opened reports: 3

REPORTS

📄 TSSR Report Links   ✕
📄 Crash Report Links   ✕
✓ 📄 NYS Crash Summary   ✕

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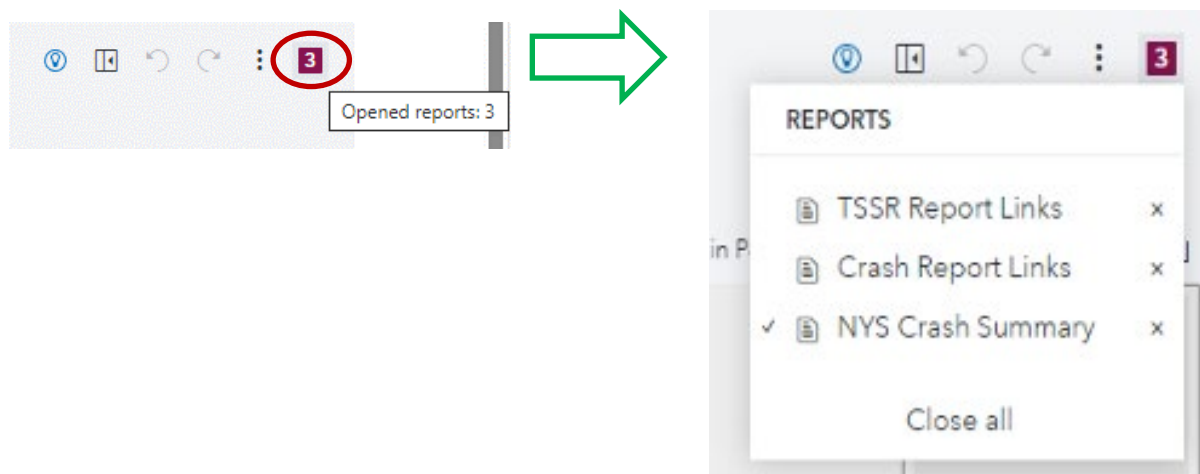
Tip: To save time once reports are opened, use the **Opened reports icon**; avoid using your browser's back button. Clicking the browser's back button and then returning to the TSSR requires extra time to re-load reports into memory.

Navigate to Report Sections

Every crash report and ticket report has multiple sections, or pages. 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 **More pages icon** to choose from a list of available pages. A complete list of current TSSR reports and associated sections can be found in the document entitled TSSR Directory of Reports and Sections.
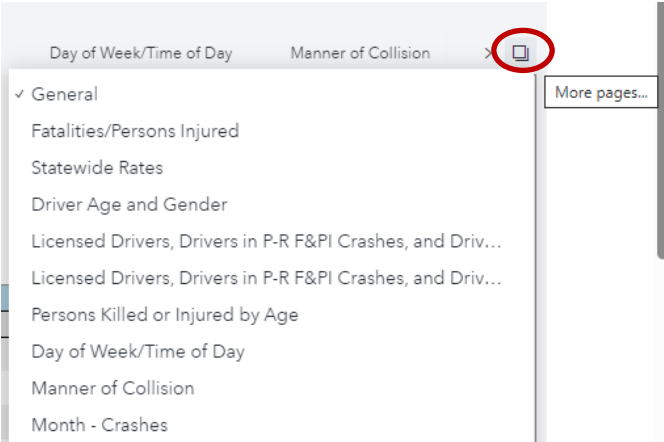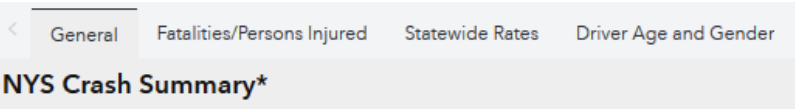
For the statewide crash and ticket reports, click the **charts** link to go to a section containing corresponding charts. Note that tables are available for most report sections. Charts are available for selected report sections.
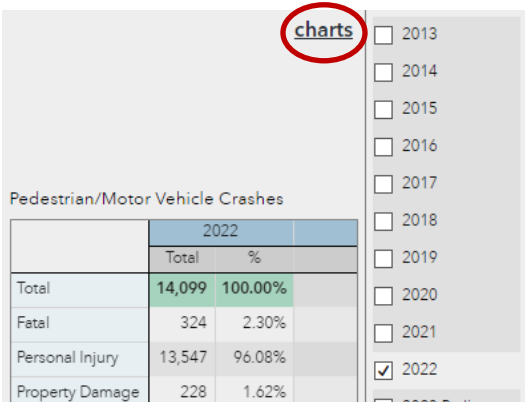
Click **tables** to return to the corresponding tabular section.
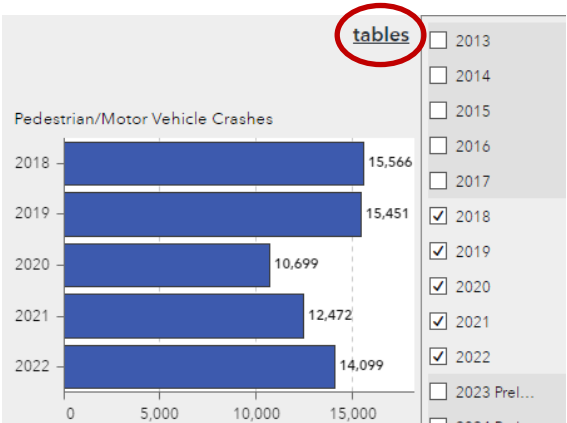
Some sections – for example, **Driver Age and Gender** – contain a single table and multiple corresponding charts.

NYS Crash Summary - Driver Age and Gender by Crash Type

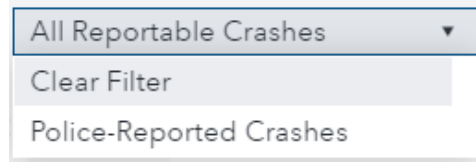|	2022		Fatal		Personal Injury		Property Damage	
	Total	%	Total	%	Total	%	Total	%
Total	613,945	100.00%	1,558	100.00%	186,744	100.00%	425,643	100.00%
Male	349,863	56.99%	1,189	76.32%	111,491	59.70%	237,183	55.72%
Under 16	172	0.03%	2	0.13%	86	0.05%	84	0.02%
16-20	26,758	4.36%	87	5.58%	7,601	4.07%	19,070	4.48%
21-29	71,013	11.57%	265	17.01%	22,741	12.18%	48,007	11.28%
30-39	72,707	11.84%	241	15.47%	24,580	13.16%	47,886	11.25%
40-49	57,579	9.38%	172	11.04%	18,996	10.17%	38,411	9.02%
50-59	54,705	8.91%	172	11.04%	17,443	9.34%	37,090	8.71%
60-69	40,350	6.57%	152	9.76%	12,400	6.64%	27,798	6.53%
70 and Over	25,533	4.16%	96	6.16%	7,146	3.83%	18,291	4.30%
Unknown Age	1,046	0.17%	2	0.13%	498	0.27%	546	0.13%
Female	218,613	35.61%	337	21.63%	64,603	34.59%	153,673	36.10%
Under 16	50	0.01%	1	0.06%	20	0.01%	29	0.01%
16-20	18,656	3.04%	21	1.35%	4,939	2.64%	13,696	3.22%
21-29	45,647	7.44%	61	3.92%	13,811	7.40%	31,775	7.47%
30-39	45,561	7.42%	63	4.04%	14,714	7.88%	30,784	7.23%
40-49	35,442	5.77%	50	3.21%	10,753	5.76%	24,639	5.79%
50-59	31,610	5.15%	51	3.27%	9,395	5.03%	22,164	5.21%
60-69	23,316	3.80%	38	2.44%	6,293	3.37%	16,985	3.99%
70 and Over	17,988	2.93%	52	3.34%	4,562	2.44%	13,374	3.14%
Unknown Age	343	0.06%	——	.	116	0.06%	227	0.05%
Unknown Gender	45,469	7.41%	32	2.05%	10,650	5.70%	34,787	8.17%
Unknown Age	45,469	7.41%	32	2.05%	10,650	5.70%	34,787	8.17%

NYS Crash Summary - Driver Age and Gender

5
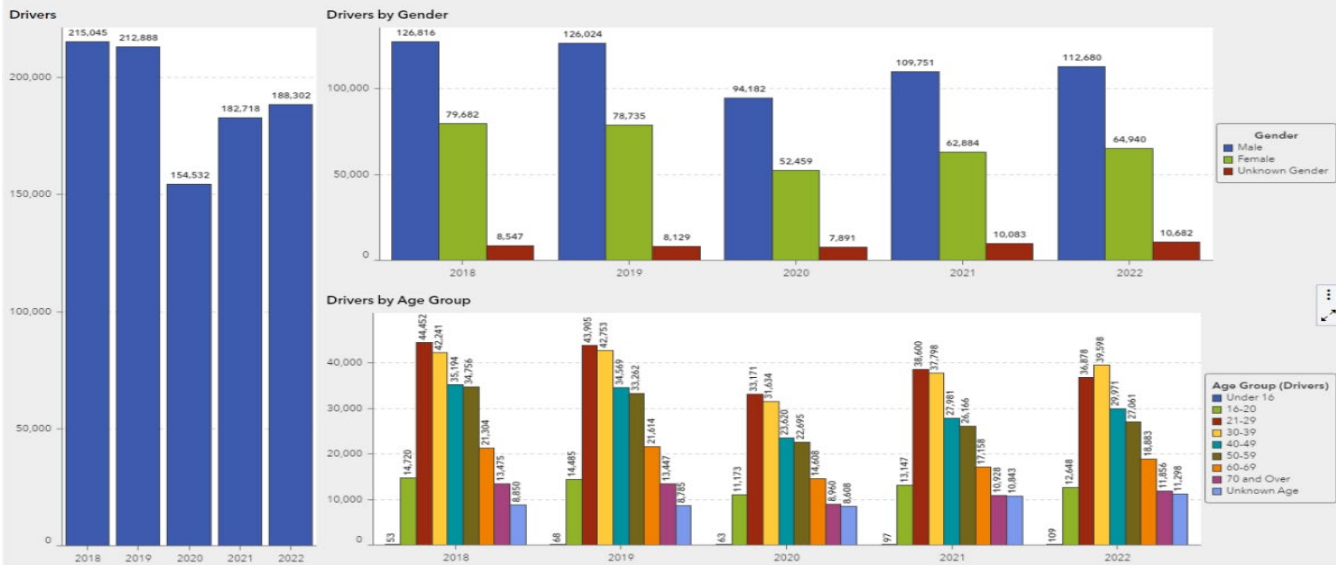
Filter Results for Tables and Graphs

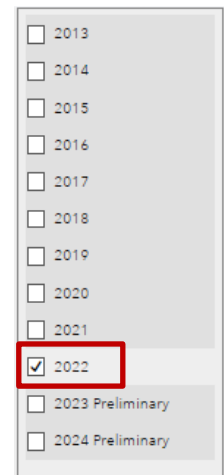## Filter with the Report Type Dropdown

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., 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.

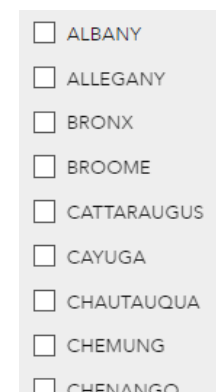## Filter with Checklists

Select one or multiple items in each checklist to filter the data in tables and graphs. Leaving every box unchecked in a checklist will return the same results as checking every box.

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.

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.

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 2018 to 2022, go to Statewide Crashes > Driver Age and Gender, click ***charts*** and follow these steps:

1. On the checklists, select years 2018-2022; select Fatal and Personal Injury.
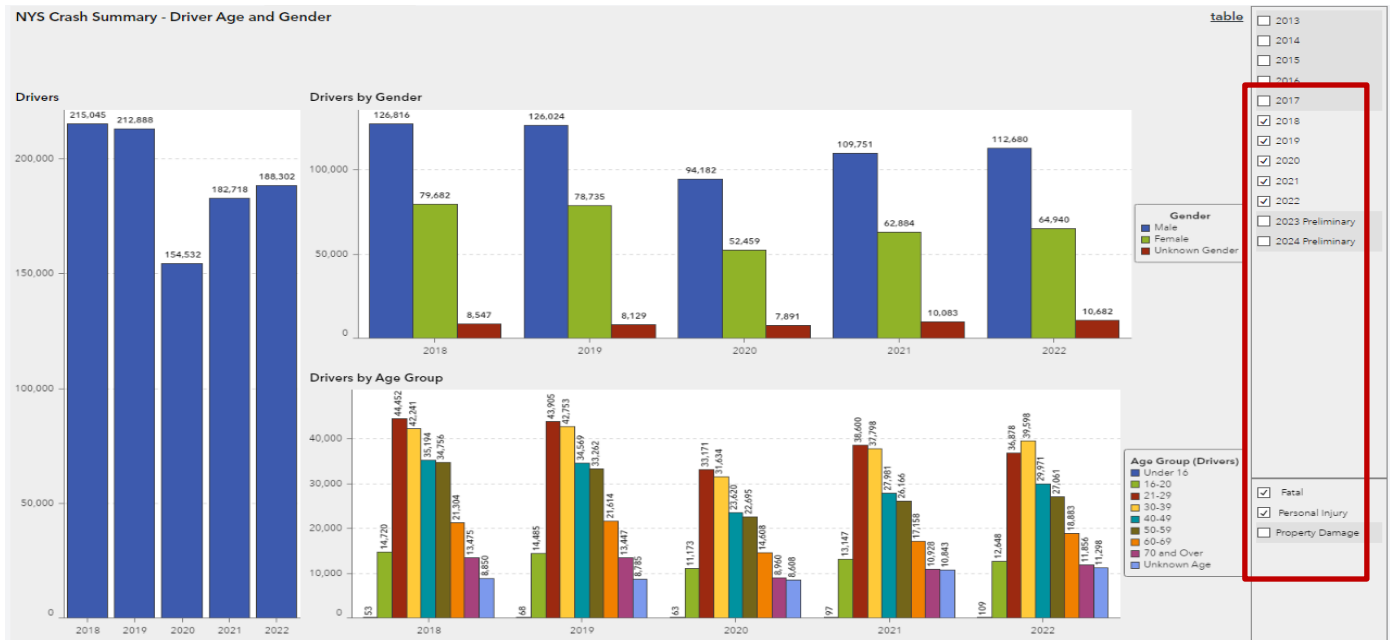
2. In the chart legend for Drivers by Gender, click Male.
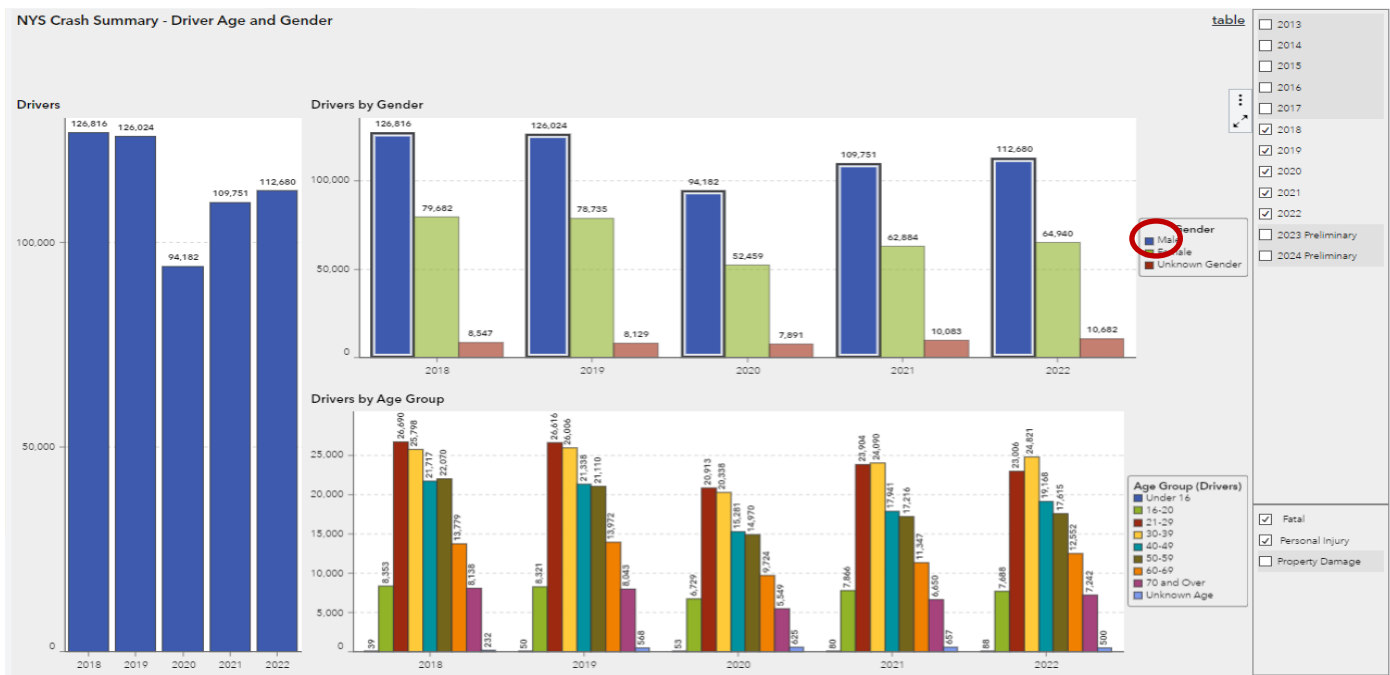
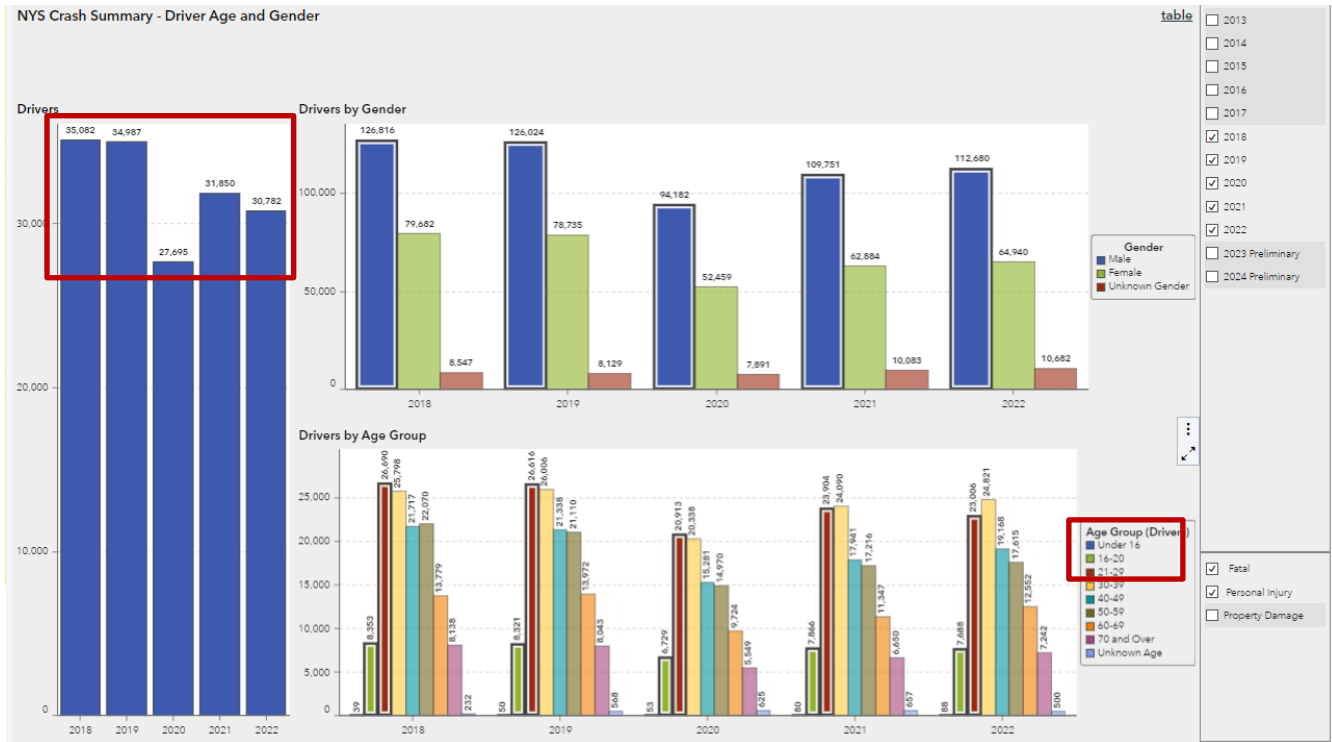3. In the chart legend for Drivers by Age Group, control-click Under 16, 16-20, and 21-29. View results in the Drivers chart.

Work with Tables and Graphs

Maximize/Restore

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.
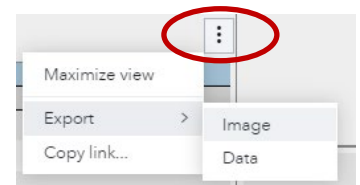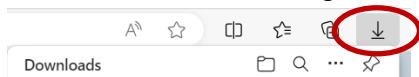
Export Data

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.

Share Object

To share a link to an object, click the 3 dots in the top right corner of a table or graph and select Share object… Select desired options in the Generate Link dialog box; then click *Copy Link*.
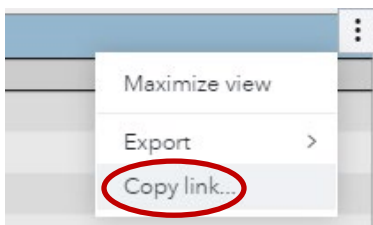
Sort Data

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

	2022 Total	%
Total	14,099	100.00%
SCHUYLER	1	0.01%
Personal Injury	1	100.00%
DELAWARE	2	0.01%
Personal Injury	2	100.00%
ESSEX	2	0.01%
Personal Injury	2	100.00%
WYOMING	2	0.01%

	2022 Total	%
Total	14,099	100.00%
KINGS	3,439	24.39%
Personal Injury	3,366	97.88%
Fatal	44	1.28%
Property Damage	29	0.84%
QUEENS	2,511	17.81%
Personal Injury	2,457	97.85%
Fatal	37	1.47%

Empty or Missing Data

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

Motorcycle/Pedestrian Crashes

	Total	%
Total	—	—

ⓘ No data matches the current filters.

County Pedestrian Crash Summary - Pedestrians Killed or Injured by Age

	2022 Total	%	Killed Total	%	Injured Total	%
Total	6	100.00%	1	100.00%	5	100.00%
CHENANGO	6	100.00%	1	100.00%	5	100.00%
30-39	3	50.00%	1	100.00%	2	40.00%
40-49	1	16.67%	—	.	1	20.00%
60-69	2	33.33%	—	.	2	40.00%

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

For example, no pedestrians under age 30 or ages 50-59 and 70 and over were killed or injured in Allegany County in 2022.

Empty cells within a row are left blank.

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.

Crash Data by Region ▾

< ge Truck | Alcohol-Related | Drug-Related | **Impaired** | Speed-Rela >

Persons Killed or Injured in Impaired Crashes (Police-Reported)

YEAR ▲	Subtotal: 2018	2018					
Severity Type ▲				Killed		Injured	
Region ▲	Total	%	Total	%	Total	%
Total	6,609	100.00%	476	100.00%	6,133	100.00%
Upstate	3,590	54.32%	270	56.72%	3,320	54.13%
Long Island	1,142	17.28%	128	26.89%	1,014	16.53%
NYC	1,877	28.40%	78	16.39%	1,799	29.33%

NYS Crash Summary - Driver Age and Gender by Crash Type

	2022	
	Total	%
Total	613,945	100.00%
Male	349,863	56.99%
Under 16	172	0.03%
16-20	26,758	4.36%
21-29	71,013	11.57%
30-39	72,707	11.84%
40-49	57,579	9.38%
50-59	54,705	8.91%
60-69	40,350	6.57%
70 and Over	25,533	4.16%
Unknown Age	1,046	0.17%
Female	218,613	35.61%
Under 16	50	0.01%
16-20	18,656	3.04%
21-29	45,647	7.44%
30-39	45,561	7.42%
40-49	35,442	5.77%
50-59	31,610	5.15%
60-69	23,316	3.80%
70 and Over	17,988	2.93%
Unknown Age	343	0.06%
Unknown Gender	45,469	7.41%
Unknown Age	45,469	7.41%

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, 7.44% of the drivers involved in fatal, personal injury and property damage crashes in New York State in 2022 were females 21-29 years old. Click the Female checkbox and observe that 20.88% of the female drivers involved in crashes statewide in 2022 were 21-29 years old.

☐ Male
☑ Female

	2022	
	Total	%
Total	218,613	100.00%
Female	218,613	100.00%
Under 16	50	0.02%
16-20	18,	8.53%
21-29	45,647	20.88%
30-39	45,561	20.84%
40-49	35,442	16.21%
50-59	31,610	14.46%
60-69	23,316	10.67%
70 and Over	17,988	8.23%
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