

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



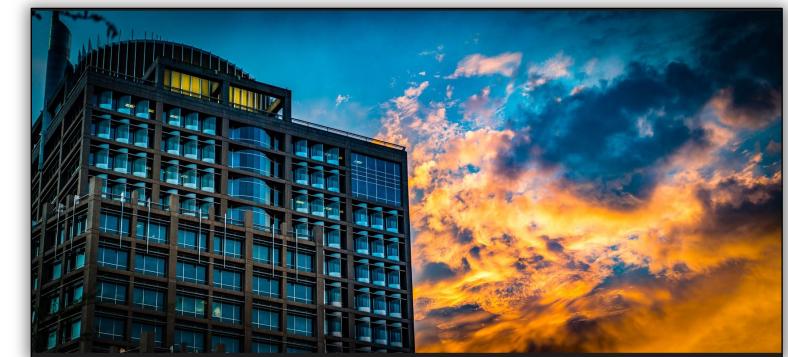
Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



July 2025

← 2024 Phoenix Traffic Collision Summary →



2024 City of Phoenix Quick Collision Facts:

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



These icons have been designed using images from Flaticon.com

Total Collisions
23,676

Preface:

The raw data used for this report was obtained from the Arizona Department of Transportation and processed utilizing a custom application, coded by Y2K Engineering for the City of Phoenix - Street Transportation Department. The data included in this year's report may vary from trends and statistics that have been presented in prior years. For more information on the modifications made to the selection criteria used to complete this report, please make a request to the [Office of Roadway Safety](#).

It must be noted that data following the COVID-19 epidemic years may have altered trends due to the unusual societal factors affecting typical roadway user behavior.

Collision Total

23,676

Pedestrian Collisions

806

Bicycle Collisions

304

Total Injuries

8,849

Total Fatalities

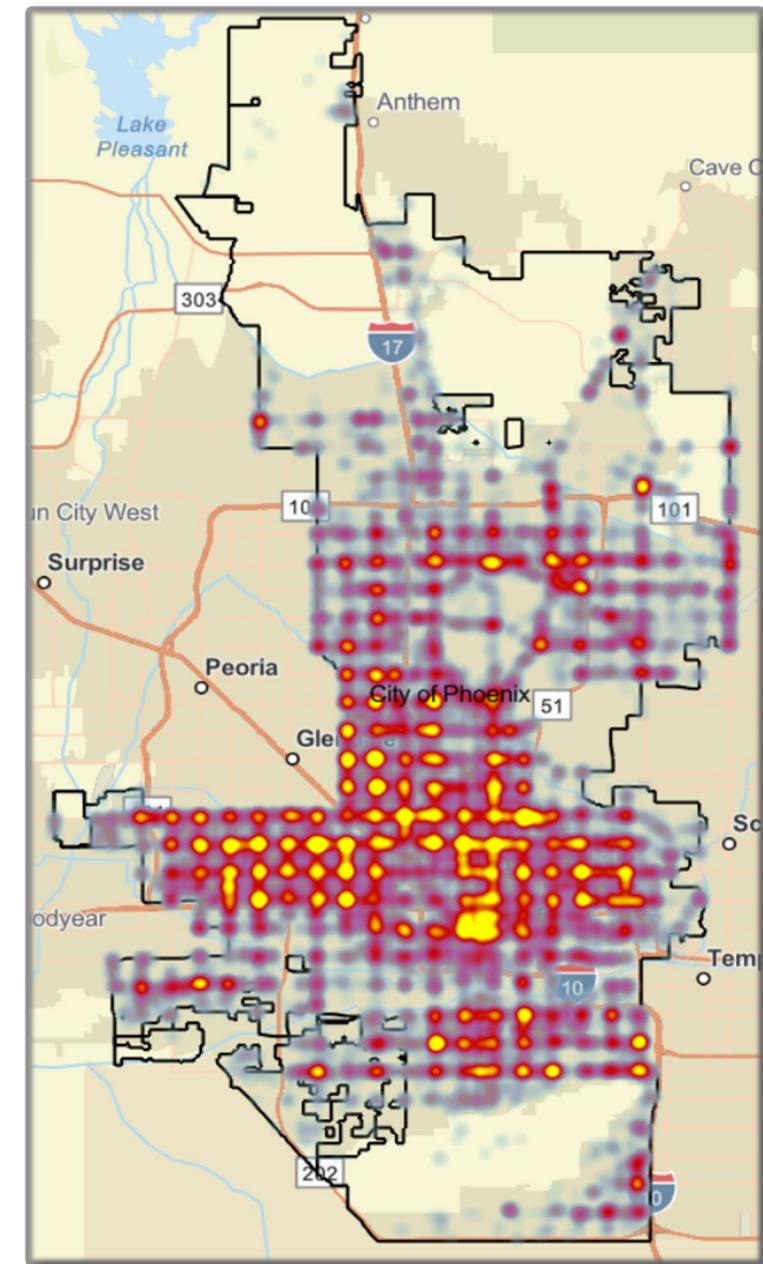
224

Total Hit and Runs

3,765

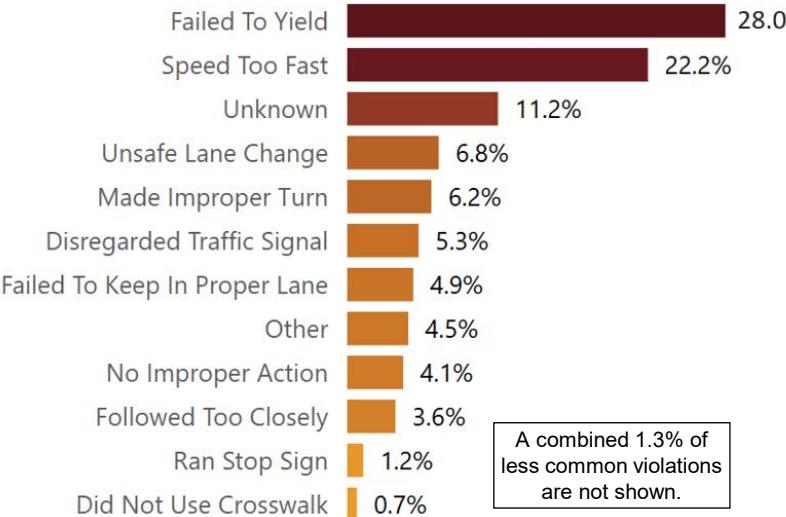
Total Work-Zone Related

131

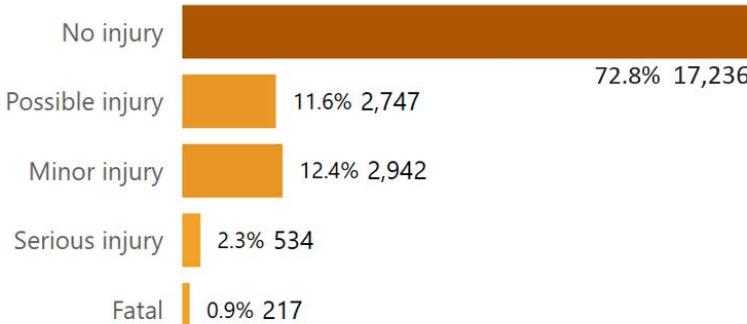


2024 City of Phoenix Quick Collision Facts:

Unit 1 Top Violations



Collisions by Injury Severity



Total Collisions
23,676

Speed Related



Hit and Run



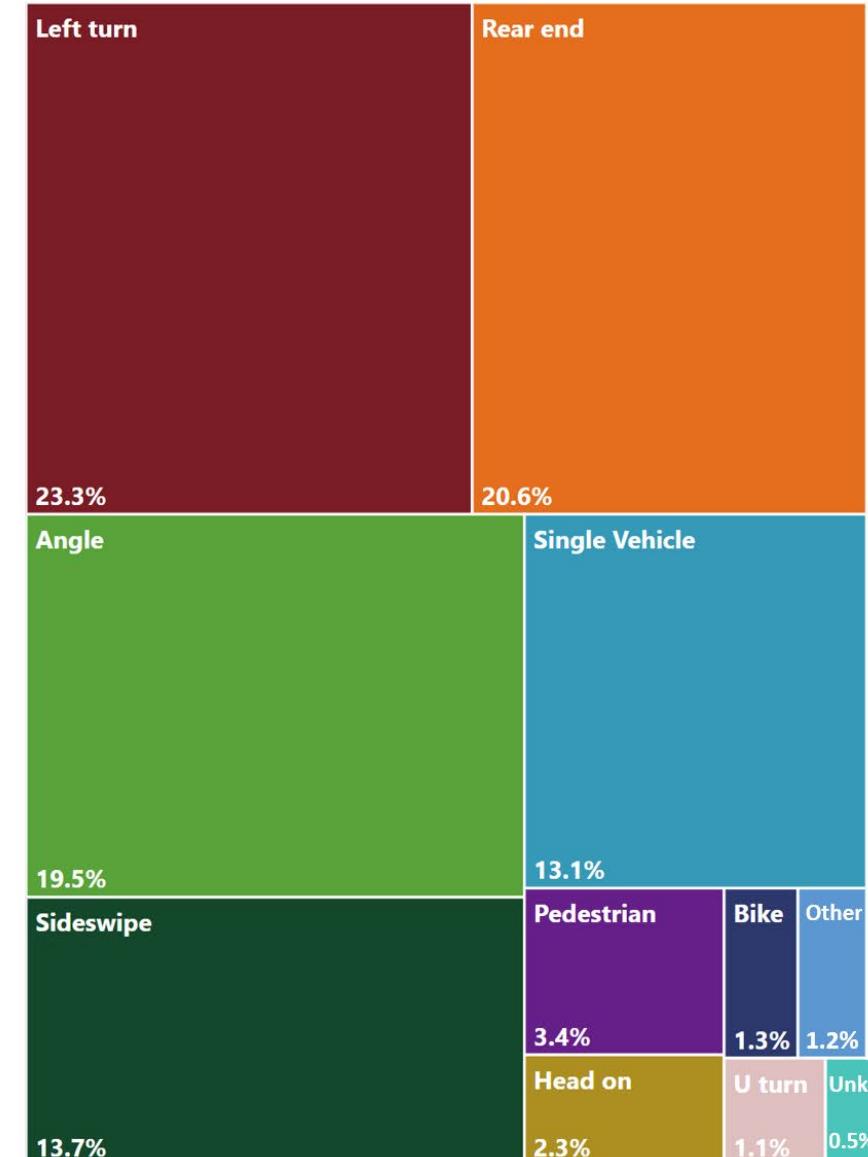
Driver 1 Impaired



Bike or Pedestrian



Collision Manner



Annual Collision Trends

Arizona Crash Facts

Note: Arizona data comes from the 2023 Arizona Crash Facts Summary (ADOT)

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions

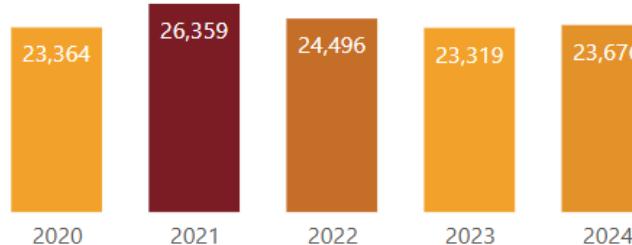


Bicycle Collisions

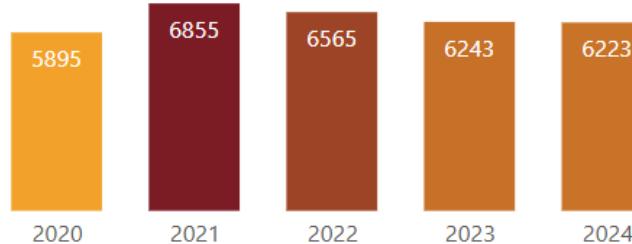


Total Collisions
23,676

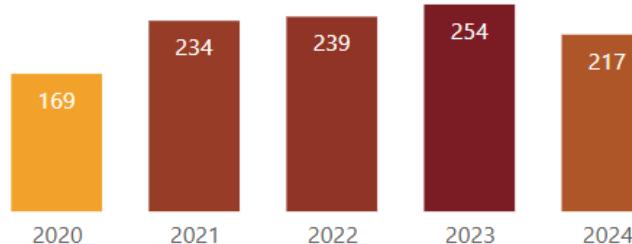
Total Collisions by Year



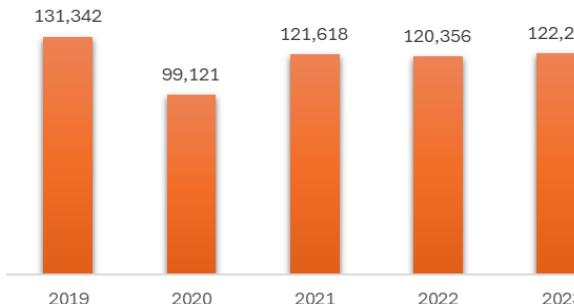
Total Injury Collisions by Year



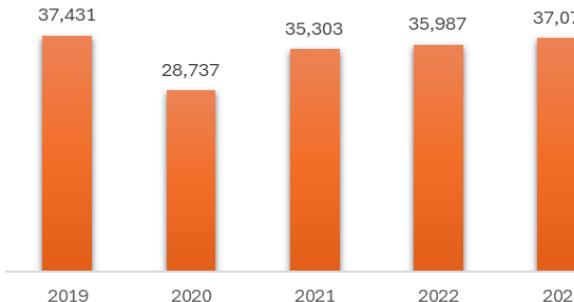
Total Fatal Collisions by Year



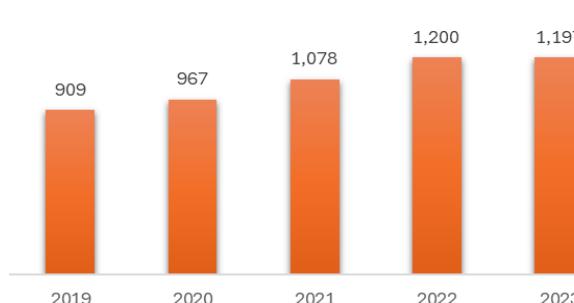
Statewide Total Collisions



Statewide Injury Collisions

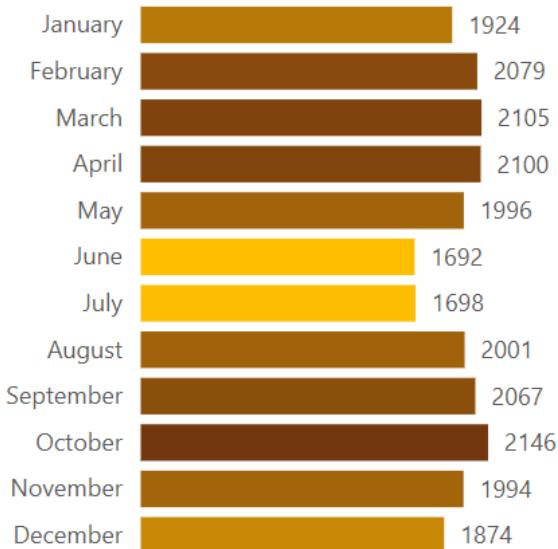


Statewide Fatal Collisions



When Do Collisions Occur?

Collisions by Month



Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



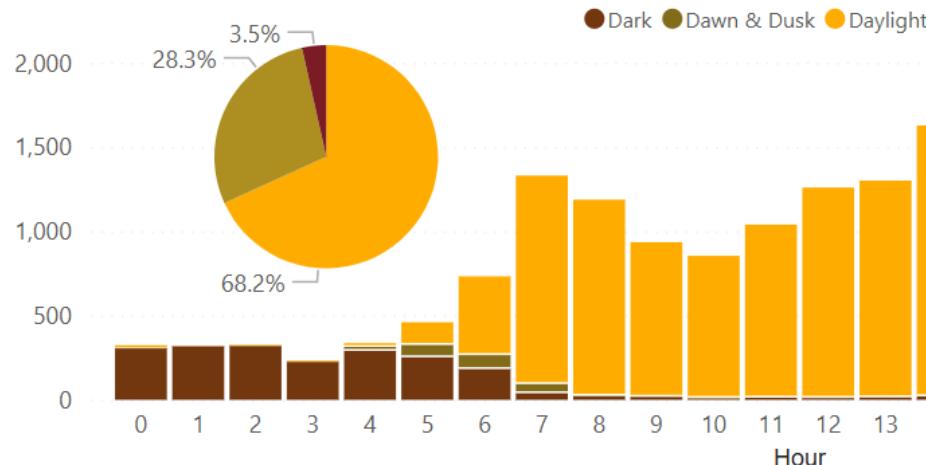
Pedestrian Collisions



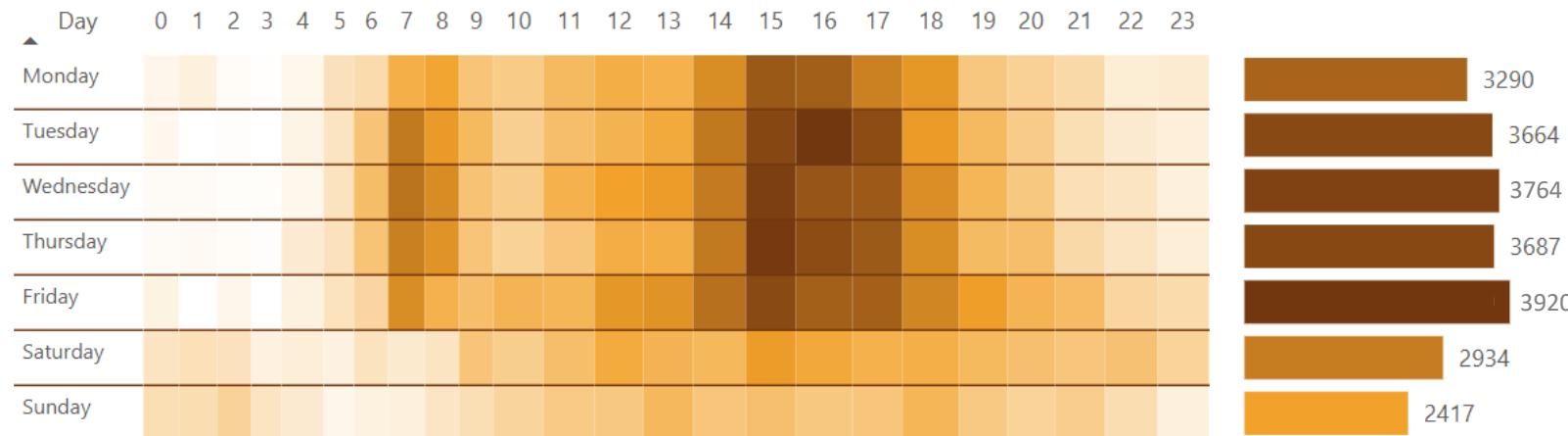
Bicycle Collisions



Collisions by Time of Day and Light Condition



Collision Frequency by Hour and Day of the Week



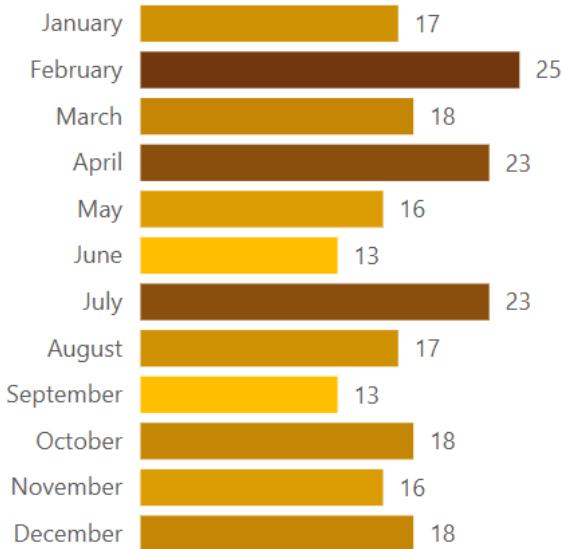
Glare Sunlight
233

Total Collisions
23,676

2024 Phoenix Traffic Collision Summary

When Do Fatal Collisions Occur?

Collisions by Month



Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



Collisions by Time of Day and Light Condition

● Dark ● Dawn & Dusk ● Daylight

20

15

10

5

0

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

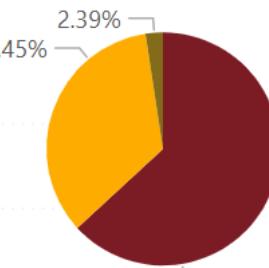
20

21

22

23

Hour



Collision Frequency by Hour and Day of the Week

Day

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

23

37

31

25

34

38

29

Glare Sunlight

1

Fatal Collisions

217



2024 Phoenix Traffic Collision Summary



Traffic Safety Resources

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



The Street Transportation Department is dedicated to providing safe movement of vehicles, bicycles, and pedestrians throughout the City. Below are links to information on roadway safety issues and programs:

[Roadway Safety Home Page](#)

[Roadway Safety Action Plan \(RSAP\)](#)

[School Safety Efforts](#)

[Complete Streets Program](#)

[Pedestrian Safety Activity Book \(English\)](#)

Click on Links for
More Information

City of Phoenix official website

City of Phoenix

Administration > City Departments > Street Transportation > Safety Improvements

Department Menu

Safety Improvements

The Street Transportation Department is dedicated to providing safe movement of vehicles, bicycles, and pedestrians throughout the City. Staff assists and educates residents on a variety of traffic safety issues. Below are links to information on traffic, bicycle, and pedestrian safety issues and programs.

Programs

[Road Safety Action Plan](#)

Learn about Phoenix's Road Safety Action Plan to enhance street safety and reduce accidents.

[School Safety Efforts](#)

Phoenix is enhancing school safety through street initiatives, ensuring secure routes for students.

Traffic Safety

[Topics](#)

[Guides and Reports \(PDF\)](#)

Where Do Collisions Occur?

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



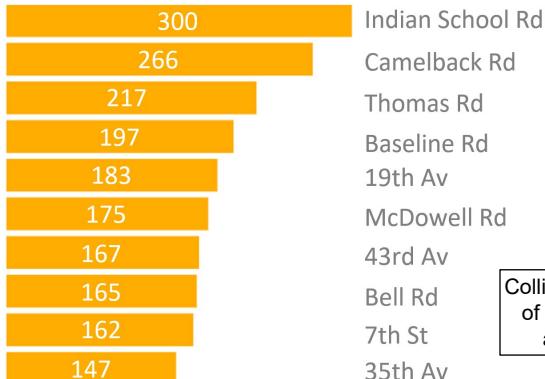
Pedestrian Collisions



Bicycle Collisions

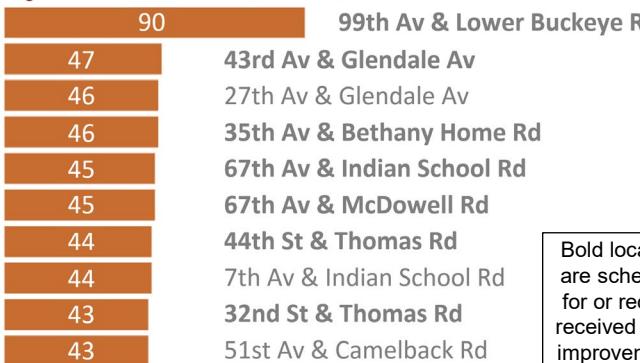


Segment Crashes (by On Road)



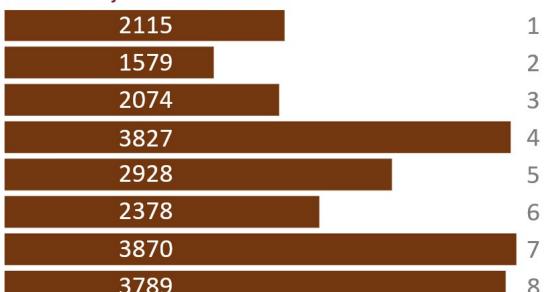
Collisions within 150' of an intersection are excluded

High Crash Intersections (150 feet)



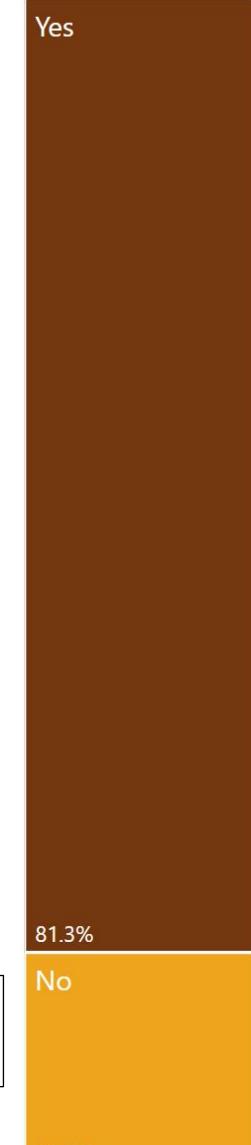
Bold locations are scheduled for or recently received safety improvements.

Crashes by Council District

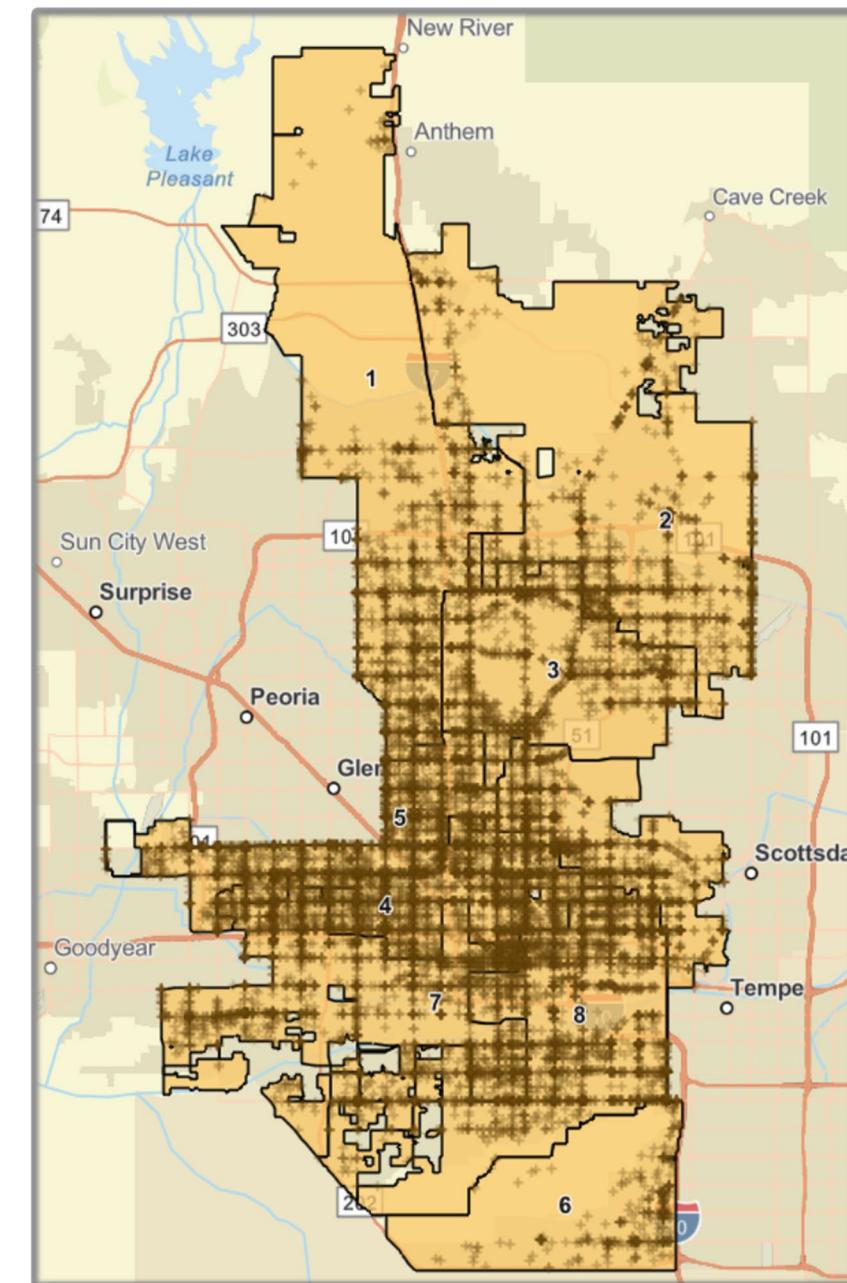


1,116 incidents occurred outside Phoenix Council district borders.

Arterial Crash



Traffic Signal Device Presence



Total Collisions

23,676



Where Do Fatal Collisions Occur?

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



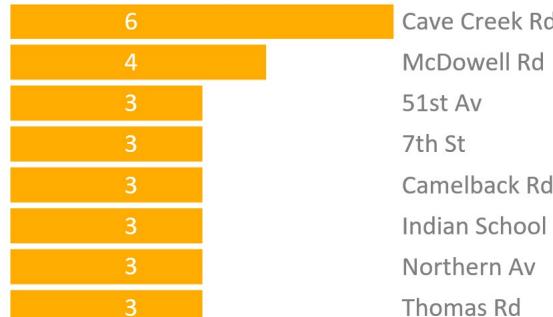
Pedestrian Collisions



Bicycle Collisions



Segment Crashes (by On Road)

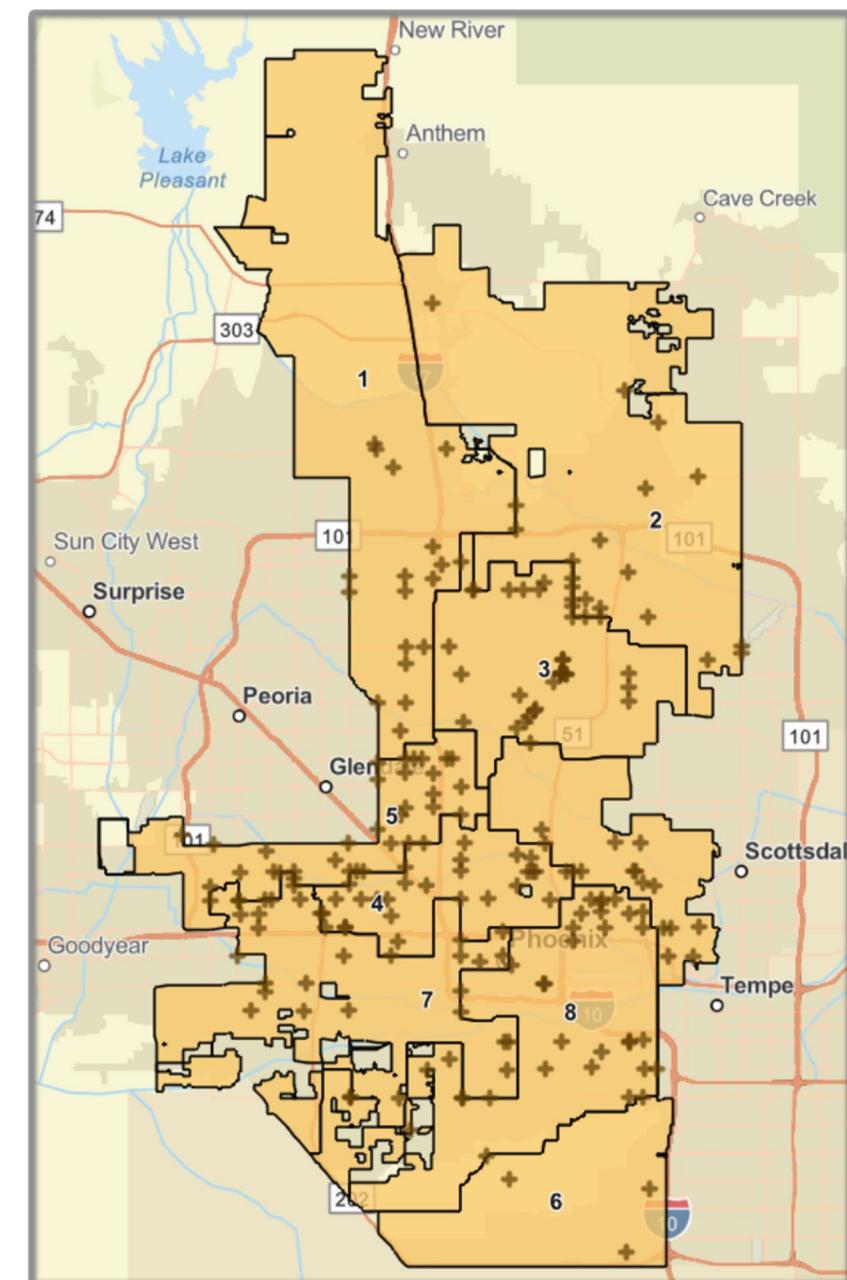


Collisions within 150' of an intersection are excluded

Arterial Crash



Traffic Signal Device Presence



Locations with the Highest Number of Intersection Collisions

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions

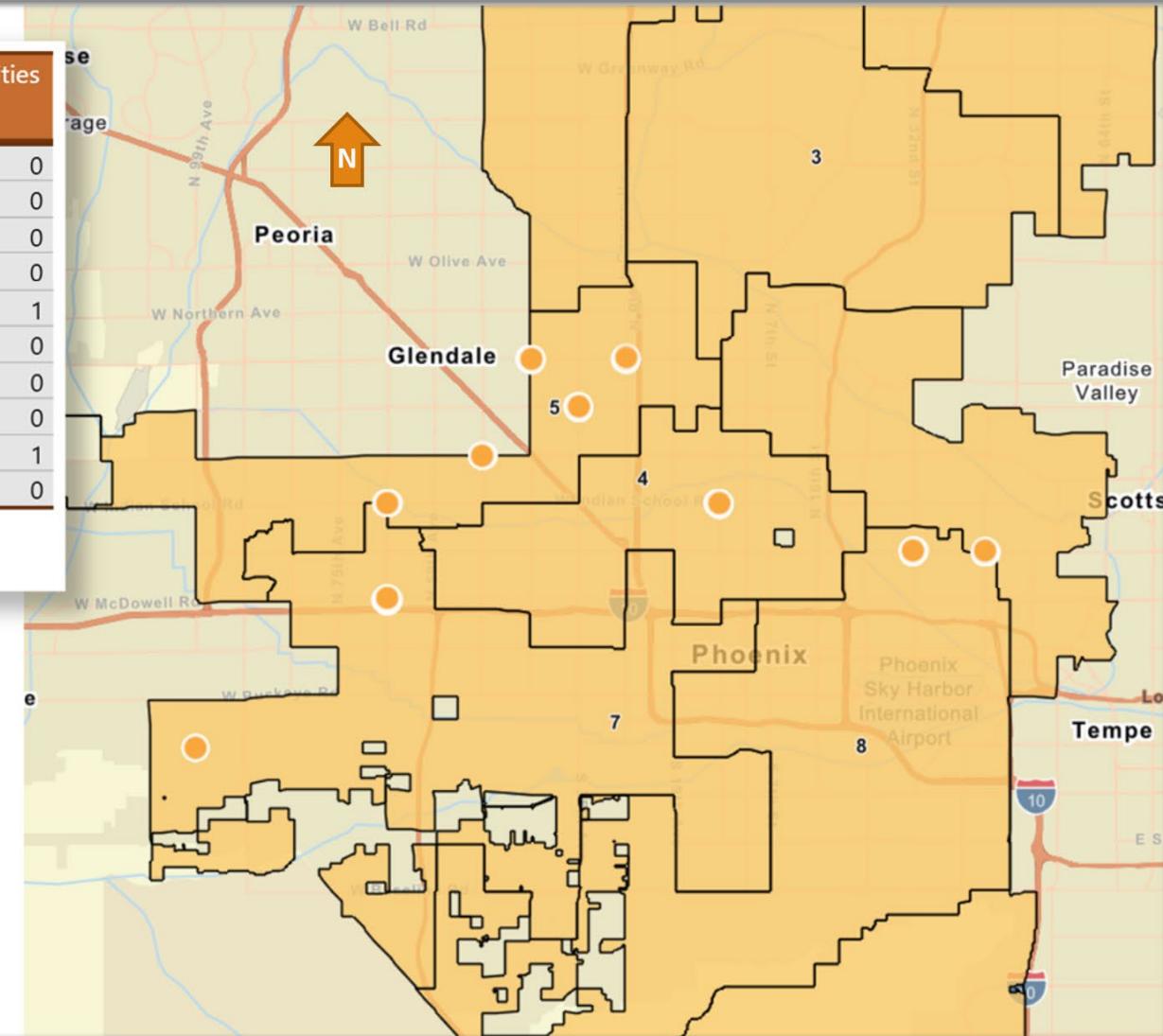


Bicycle Collisions



GIS.Intersection_Name	Incident Count	TotalInjuries	TotalFatalities
S 99TH AVE & W LOWER BUCKEYE RD	90	8	0
N 43RD AVE & W GLENDALE AVE	47	17	0
N 27TH AVE & W GLENDALE AVE	46	25	0
W BETHANY HOME RD & N 35TH AVE	46	20	0
N 67TH AVE & W INDIAN SCHOOL RD	45	23	1
N 67TH AVE & W McDOWELL RD	45	17	0
E THOMAS RD & N 44TH ST	44	17	0
W INDIAN SCHOOL RD & N 7TH AVE	44	22	0
N 32ND ST & E THOMAS RD	43	8	1
W CAMELBACK RD & N 51ST AVE	43	20	0

Only collisions within 150' of an intersection are included.



Top 10 Intersection
Collision Locations

← 2024 Phoenix Traffic Collision Summary →

These icons have been reimagined and images from Flaticon.com

How Do Collisions Occur?

Annual Collision Trends



Driver Distracted



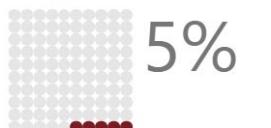
Speed Related



Hit and Run



Impairment



No Safety Device



Total Collisions
23,676

When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions

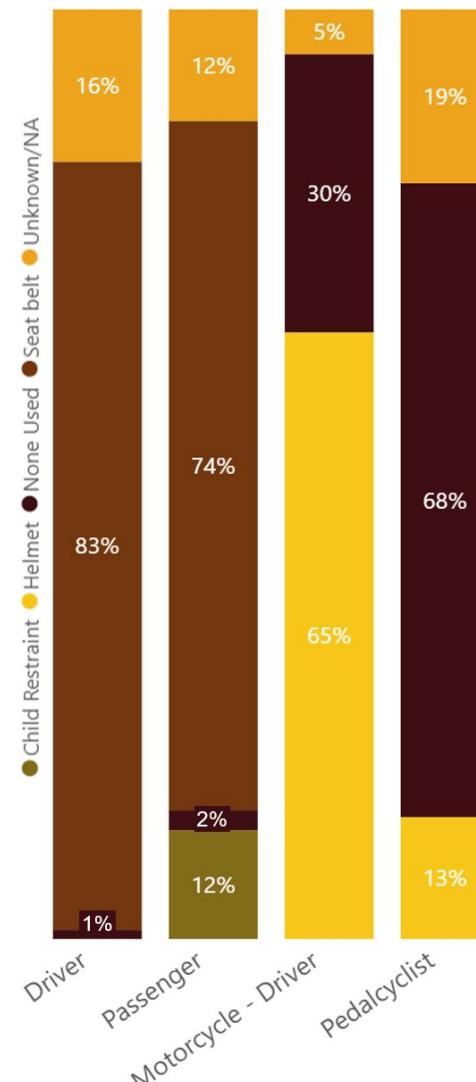


Bicycle Collisions

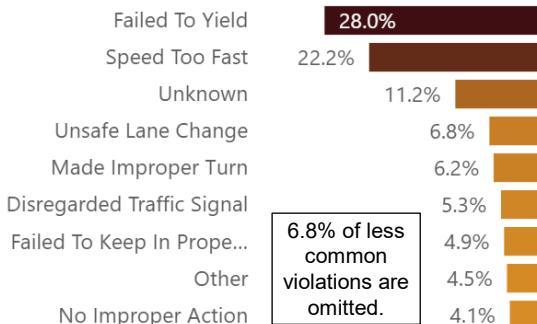


Driver Distracted

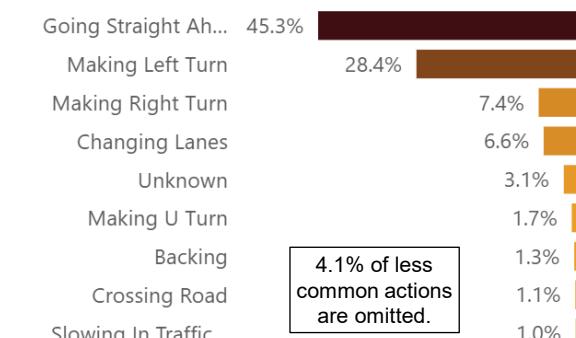
Safety Device Use by Person Type



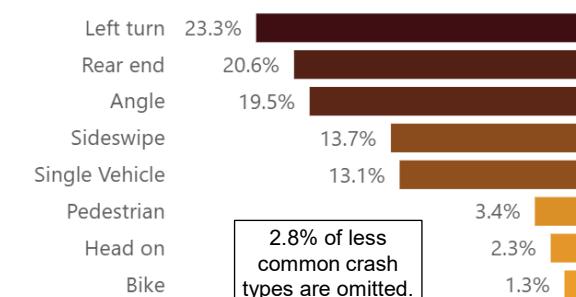
Unit 1 Violation



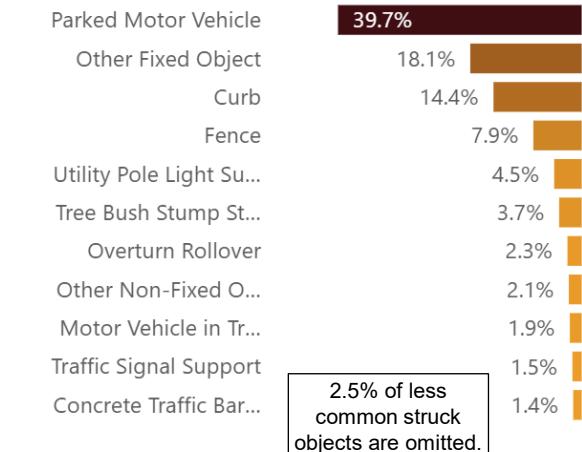
Unit 1 Action



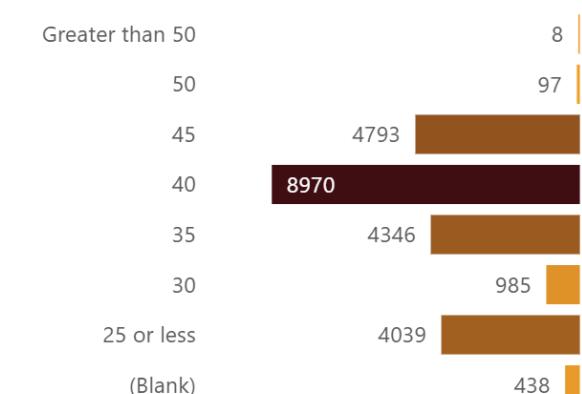
Collision Manner



First Harmful Event (Single Vehicle)



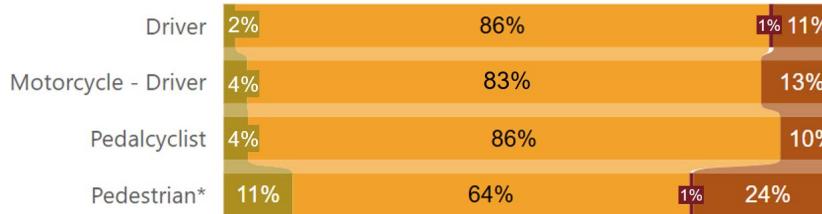
Posted Speed Limit (On Road)



How Do Collisions Occur and to Who?

Impairment by Person Type

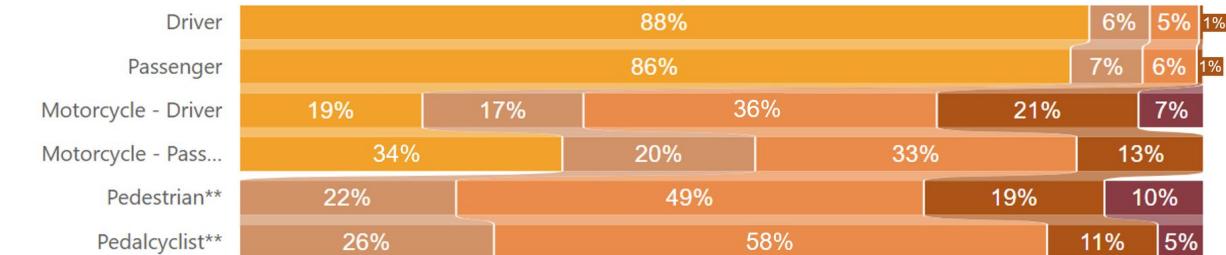
● Drugs and/or alcohol ● No impairment ● Other impairment ● Unknown



*Note: it is not a violation to walk under the influence.

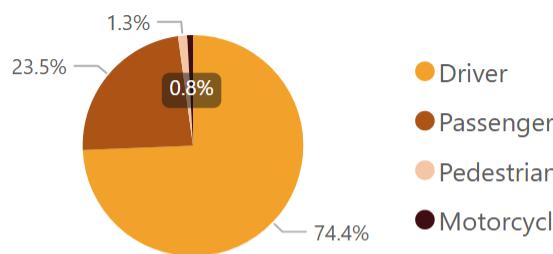
Person Types Involved in Crashes by Injury Status

Injury Status ● No injury ● Possible injury ● Minor injury ● Serious injury ● Fatal



**Note: Crashes involving pedestrian and bicyclist with less severe injuries may be under-reported.

Person Type



Drivers of Unit 1 by Age and Gender

● Female ● Male

15-19	936	1362
20-24	1205	1833
25-29	1016	1553
30-34	935	1327
35-39	719	1164
40-44	626	954
45-49	522	791
50-54	435	744
55-59	376	615
60-64	354	564
65-69	270	442
70-74	226	314
75+	327	426

Drivers of Unit 2-6 by Age and Gender

● Female ● Male

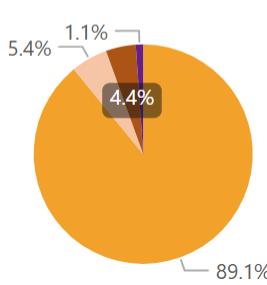
15-19	610	830
20-24	1226	1572
25-29	1269	1601
30-34	1155	1509
35-39	998	1298
40-44	914	1226
45-49	799	1087
50-54	674	1035
55-59	581	859
60-64	497	680
65-69	302	474
70-74	203	307
75+	196	273

Ped and Bike by Age and Gender

● Female ● Male

00-09	9	29
10-14	15	33
15-19	29	66
20-24	35	60
25-29	33	73
30-34	34	78
35-39	31	95
40-44	30	80
45-49	23	43
50-54	25	50
55-59	30	58
60-64	18	51
65-69	12	43
70-74	4	17
75+	9	25

Vehicle Body Style



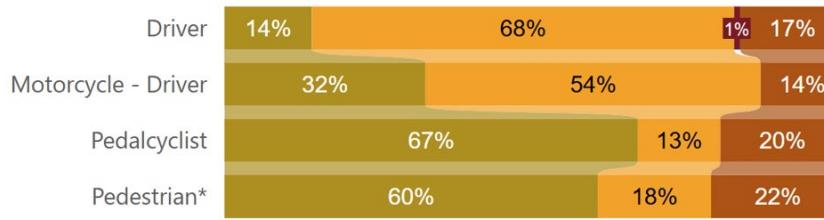
Total Collisions

23,676

How Do Fatal Collisions Occur and to Who?

Impairment by Person Type

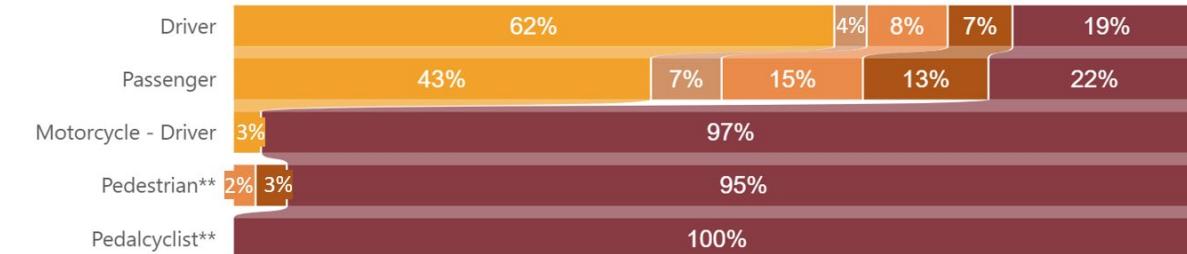
● Drugs and/or alcohol ● No impairment ● Other impairment ● Unknown



*Note: it is not a violation to walk under the influence.

Person Types Involved in Fatal Crashes by Injury Status

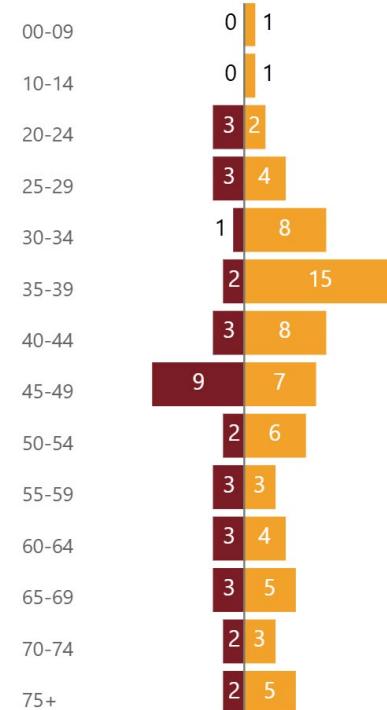
Injury Status ● No injury ● Possible injury ● Minor injury ● Serious injury ● Fatal



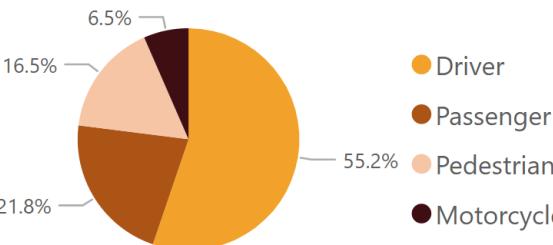
**Note: Crashes involving pedestrian and bicyclist with less severe injuries may be under-reported.

Ped and Bike by Age and Gender

● Female ● Male

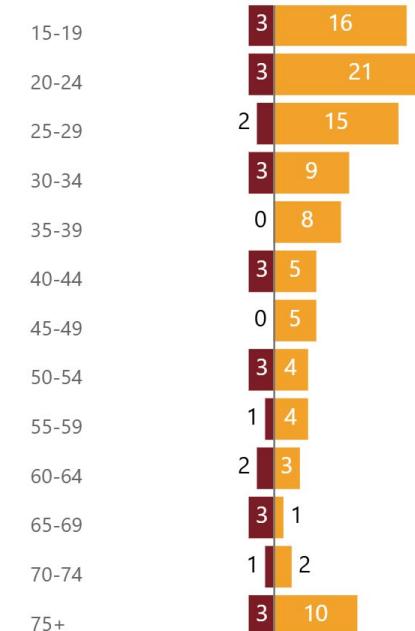


Person Type



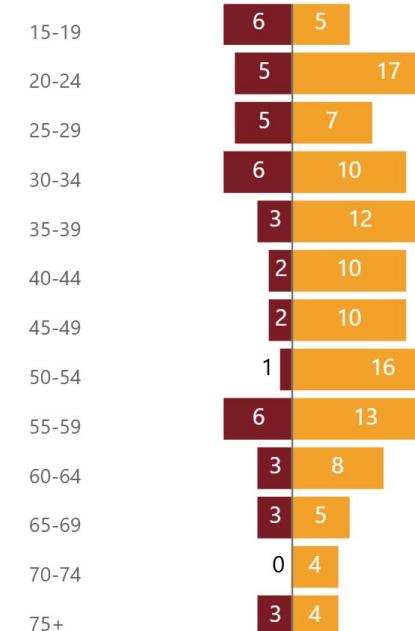
Drivers of Unit 1 by Age and Gender

● Female ● Male

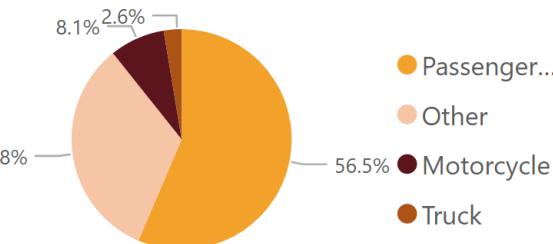


Drivers of Unit 2-6 by Age and Gender

● Female ● Male



Vehicle Body Style



Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



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Community Engagement

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



These icons have been modified and images from Phoenix.com

City of Phoenix official website

City of Phoenix

Search Phoenix.gov

Mode

Administration > City Departments > Street Transportation > Safety Improvements > Road Safety Action Plan

Department Menu

Road Safety Action Plan

Understanding the importance of safety as a core function, Phoenix has invested in a comprehensive Road Safety Action Plan (RSAP) to further existing efforts. In January 2022, the Phoenix City Council approved incorporating the goals of Vision Zero into the Road Safety Action Plan.

The RSAP includes a method for evaluating data and determines a High Injury Network (HIN) that identifies problem locations and prioritizes solutions, providing a framework and key strategies for safety enhancements Citywide.

[Get Your Vision Zero Yard Sign →](#) [Take the Speed Limit Setting Survey ↗](#)

ON THIS PAGE...

- ↓ [City Council Approval](#)
- ↓ [2022-2023 Annual Report](#)
- ↓ [Vision Zero Community Advisory Committee](#)
- ↓ [The Five E's of Traffic Safety](#)
- ↓ [Safety Videos](#)
- ↓ [Community Engagement](#)
- ↓ [Virtual Public Meetings and Updates](#)

Click on Links for
More Information

Community engagement is integral to the formation of an actionable plan. The input of those who travel Phoenix's roadways, whether driving, walking or biking, is key to making streets safer for everyone.

Road Safety Action Plan Resources

[Roadway Safety Action Plan \(RSAP\)](#)

[Phoenix High Injury Network \(HIN\)](#)

[Road Safety Action Plan FAQ](#)

[Phase 1 - Public Involvement Summary Report](#)

[Phase 2 - Public Involvement Summary Report](#)

Motorcyclist Collisions

Annual Collision Trends



When Do Collisions Occur



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How Do Collisions Occur



Motorcyclist Collisions



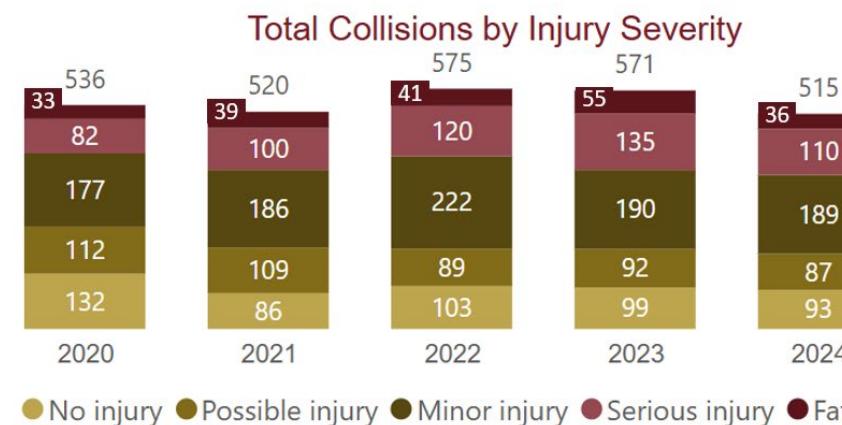
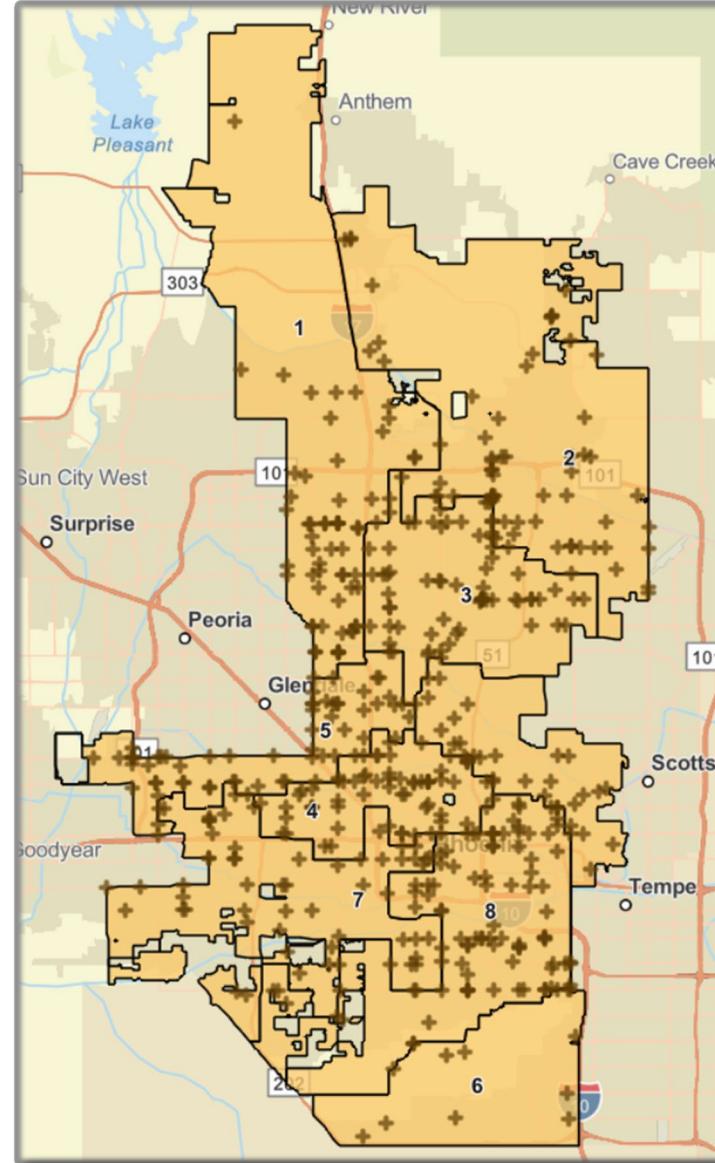
Pedestrian Collisions



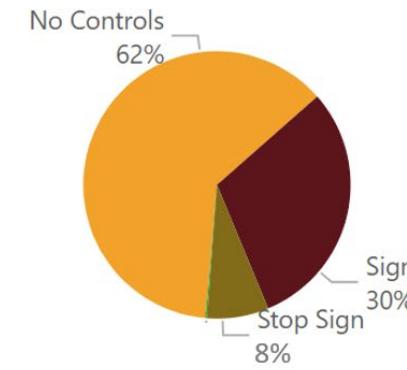
Bicycle Collisions



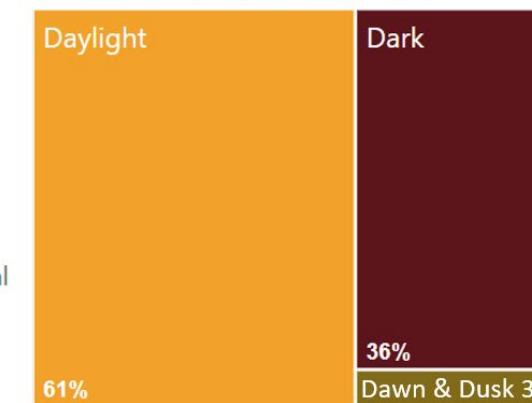
Motorcycle Collisions
515



Traffic Control



Crashes by Light Condition



High Crash Intersections

67Th Av and Indian School Rd



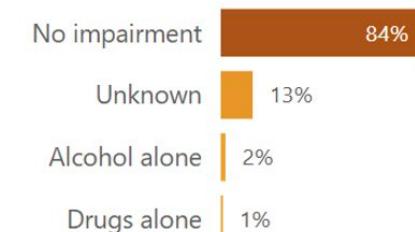
99Th Av and Camelback Rd



Cave Creek Rd and Union Hills ...



Motorcyclist Impairment



Pedestrian Collisions

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



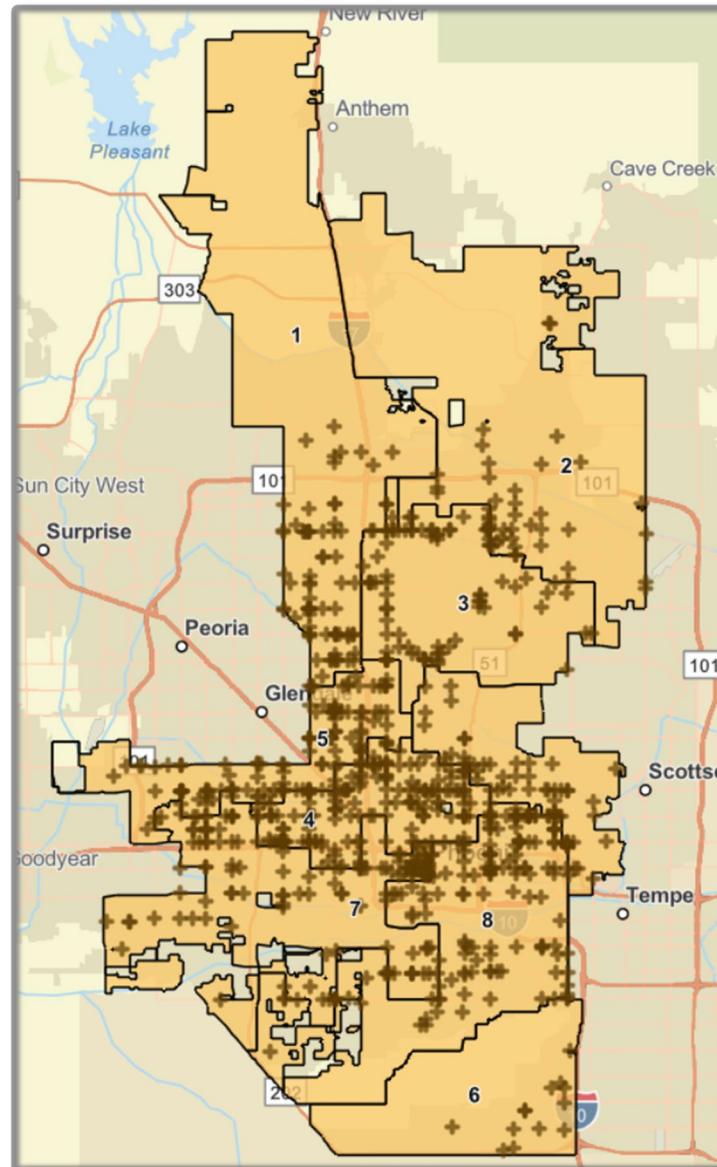
Motorcyclist Collisions



Pedestrian Collisions

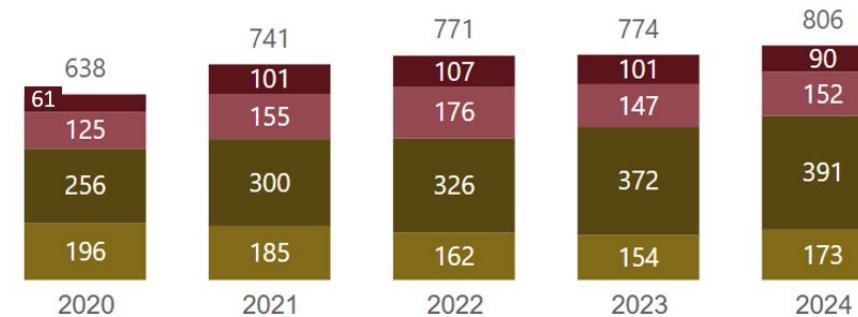


Bicycle Collisions



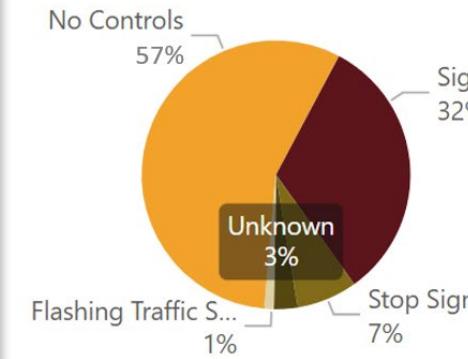
Pedestrian Collisions
806

Total Collisions by Injury Severity

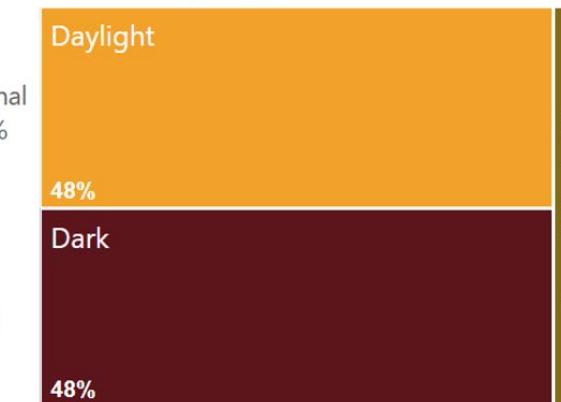


● Possible injury ● Minor injury ● Serious injury ● Fatal

Traffic Control



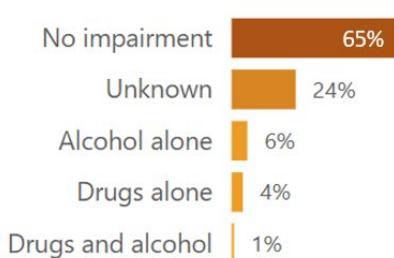
Crashes by Light Condition



High Crash Intersections



Pedestrian Impairment



Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



These icons have been modified and images from Flickr.com

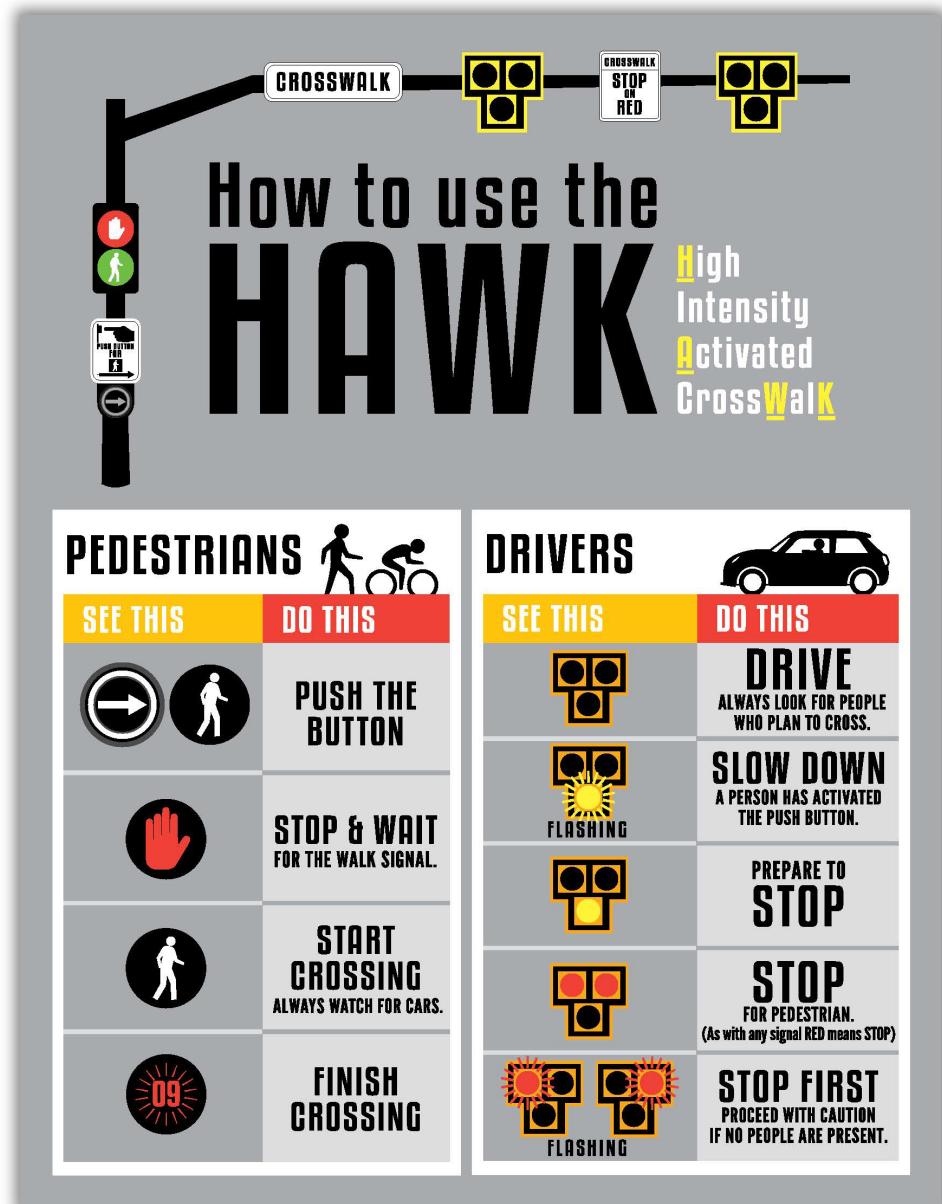
HAWK Pedestrian Signals

Phoenix uses the High Intensity Activated CrossWalk (HAWK) beacon signal as a tool to help make it easier and safer for people to cross busy streets. Phoenix has been installing HAWK signals since 2009 after they were approved by the Federal Highway Administration.

Click Below for Interactive Map



Total Hawk Signals
96 (thru 2024)



Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



HAWK Pedestrian Signals Activated in 2024

The Hawk Signal at 16th St and Diamond St was Activated in November

- 20th St and Broadway Rd
- 1804 W Glendale Av
- Dayton St and Thomas Rd
- 13th Av and Osborn Rd
- 68th St and Thunderbird Rd
- 40th St and Danbury Rd
- 16th St and Virginia Av
- 17th Av and Peoria Av
- 16th St and Diamond St



Total Hawk Signals
96 (thru 2024)

Bicycle Collisions

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



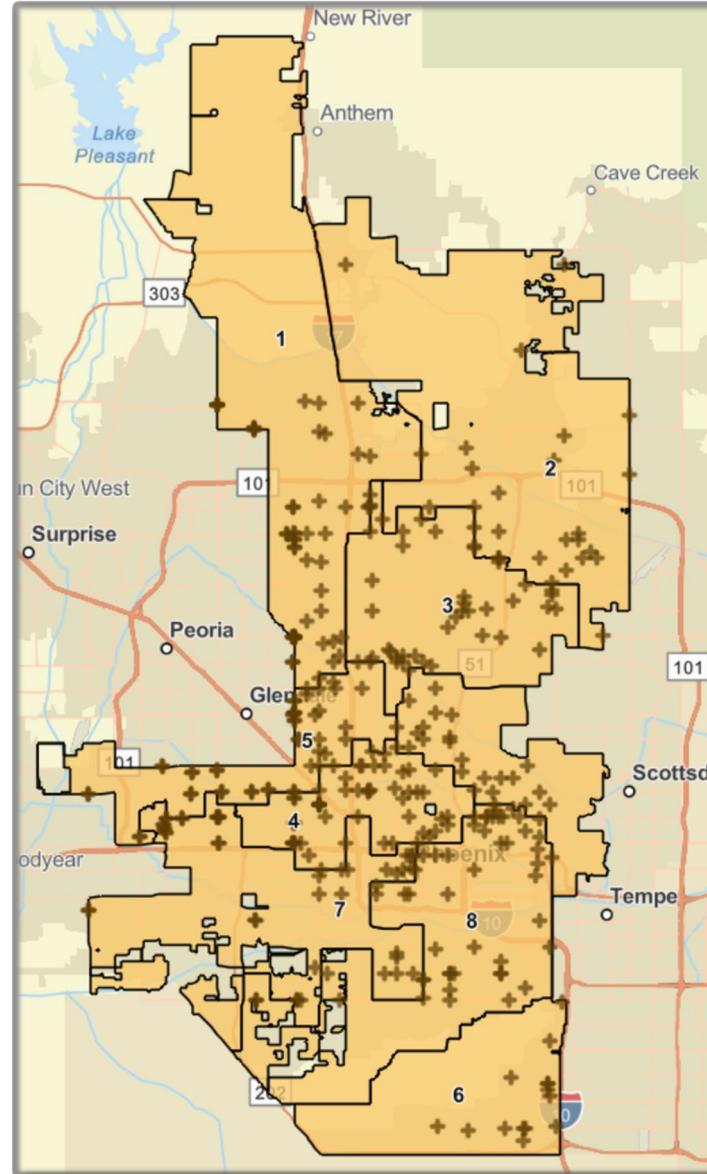
Motorcyclist Collisions



Pedestrian Collisions

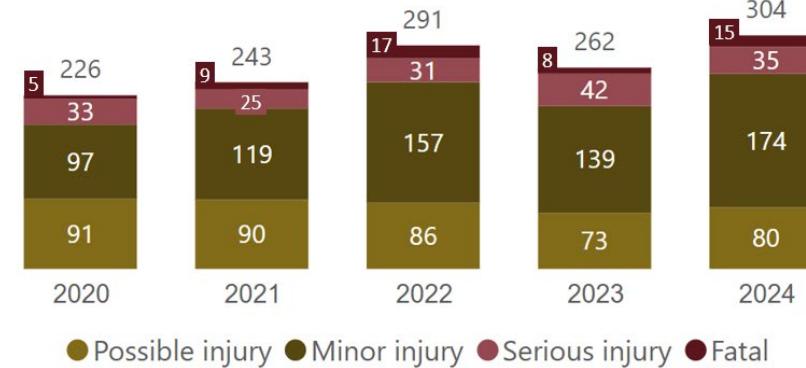


Bicycle Collisions



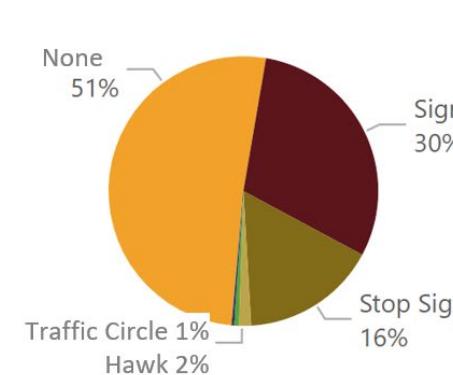
Bicyclist Collisions
304

Total Collisions by Injury Severity

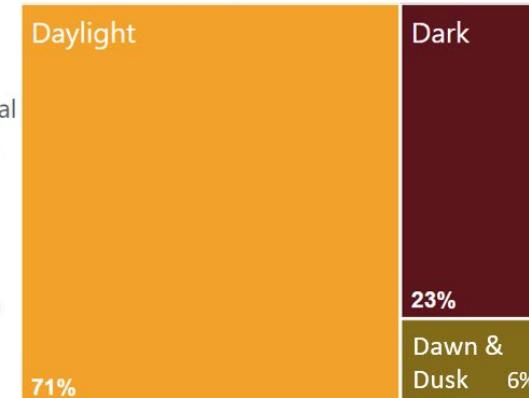


● Possible injury ● Minor injury ● Serious injury ● Fatal

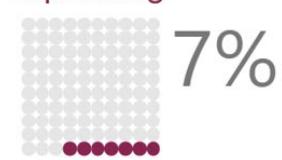
Traffic Control



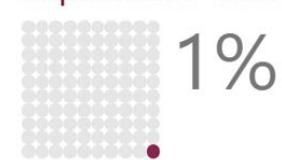
Crashes by Light Condition



Speeding



Impairment - Driver 1



Total Injuries

290

Total Fatalities

15

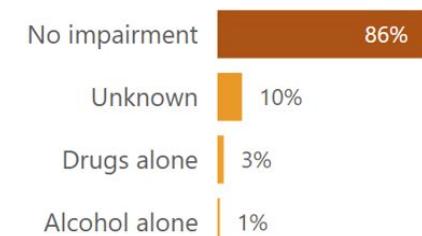
Total Hit and Runs

57

High Crash Intersections



Bicyclist Impairment



Bicycle Safety Education

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



Total Bike Lane Miles
1,194

2024 Phoenix Traffic Collision Summary

2024 Phoenix Traffic Collision Summary

City of Phoenix official website

City of Phoenix Search Phoenix.gov Make a Payment Report an Issue Public Records City.Careers

Residents Businesses Explore Phoenix City Administration News Calendar

Home Administration City Departments Street Transportation Requests and Services Active Transportation

Street Transportation Overview Requests and Services Active Transportation Business Related Requests Maps Neighborhood Traffic Programs and Services Parking Special Permits and Maintenance Agreement Information Improvement Requests Maintenance Requests Temporary Residential Requests Title VI and ADA Requests Initiatives

Active Transportation Program

Active transportation is walking, bicycling, using a small wheeled vehicle, or a mobility device. It includes e-scooters and other types of lightweight, electric vehicles. The Active Transportation Program works to create a connected, enjoyable, equitable, and safe infrastructure network for everyone in Phoenix.

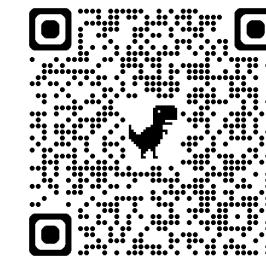
ACTIVE TRANSPORTATION PROGRAM STREET TRANSPORTATION DEPARTMENT

Read the Active Transportation Plan

Active Transportation Resource Website
<https://www.phoenix.gov/administration/departments/streets/requests-services/active-transportation.html>

These icons have been designed using images from Flaticon.com

Active transportation is defined as walking, bicycling, using a small wheeled vehicle, or a mobility device. It includes e-scooters and other new types of lightweight, electric vehicles. In 2019, the City of Phoenix decided to start using the term "active transportation" to include all of these wonderful ways of getting around our streets. Using a general term also helps us talk about how multi-use paths and HAWKs (pedestrian hybrid beacons) serve people walking, bicycling, or using mobility devices and small wheeled vehicles.



Projects and Studies

Annual Collision Trends



When Do Collisions Occur



Where Do Collisions Occur



How Do Collisions Occur



Motorcyclist Collisions



Pedestrian Collisions



Bicycle Collisions



Welcome to the Projects and Studies page!

On this page are proposed safety improvement projects that would change current roadway striping. This could include the addition of bicycle lanes, buffered bicycle lanes, edge striping to guide traffic, or parking modifications.



Total Bike Lane Miles
1,194

These icons have been reimagined using images from Flaticon.com

City of Phoenix official website

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Home > Administration > City Departments > Street Transportation > Initiatives > Projects and Studies

Projects and Studies

Overview

[7th Avenue and Mountain View Road Improvements](#)

[Pedestrian Safety Improvements at 19th Avenue and Sunnyside](#)

[27th Ave, Buckeye to Lower Buckeye Rd](#)

[43rd Avenue Improvement Projects](#)

[Cave Creek Road, Angela Drive to Marco Polo Road](#)

[Western Canalscape](#)

[Grand Canalscape](#)

[Changes to Traffic Lane Striping](#)

[3rd and 5th Avenues Improvement Project](#)

[3rd and 5th Avenues Improvement Project - North of McDowell Road](#)

[3rd Avenue from Catalina Drive to Ochorn Road](#)

Welcome to the Projects and Studies page!

Listed below are proposed safety improvement projects that would change current roadway striping. This could include the addition of bicycle lanes, buffered bicycle lanes, edge striping to guide traffic, or parking modifications.

This page also includes the Capital Improvement Program (CIP) in the Street Transportation Department, which includes a comprehensive pavement maintenance program, improvements to existing streets for mobility and safety issues, technology upgrades to signals, building new street and drainage infrastructure, expanding roadways, and much more. The five-year program will provide more than \$750 million in improvements to our infrastructure.

Other Resources

<https://www.phoenix.gov/administration/departments/streets/initiatives/projects-studies.html>

Annual Collision Trends



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Acknowledgements

The City of Phoenix Traffic Collision Summary documents the collisions in the City of Phoenix throughout the calendar year. Collision data utilized for this report was acquired through Phoenix Police records and the database maintained by the Arizona Department of Transportation (ADOT) known as Safety Data Mart (SDM). The Traffic Collision Summary was prepared by Traffic Safety Section staff Jacob Martinez (Chief Engineering Technician).

The SDM database includes motor vehicle crashes that occurred on public right of way where someone was injured, killed or property damage exceeded \$2,000.

The cover graphic of the Phoenix road network is courtesy of the ISS Crew Earth Observations experiment and Image Science & Analysis Laboratory, Johnson Space Center. Other photographs featured in this summary were taken by various employees or consultants of the City of Phoenix Street Transportation Department.

This publication can be made available in an alternative format upon request. Contact the Street Transportation Department at 602-262-6284 if you would like any of these services. Our TTY phone number is 711.

Be Safe!



Annual Collision Trends



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Motorcyclist Collisions



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Bicycle Collisions



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Be Safe!

Questions?

Please contact Street Transportation Department at
602-262-6284 or TTY 711

Office of Roadway Safety:

602-256-3319

RoadSafety@phoenix.gov

Office of Pedestrian Safety:

602-316-8879

School.Safety@phoenix.gov

Active Transportation Program:

602-534-0258

bike@phoenix.gov

Pavement Maintenance Program:

623-825-3444

pavement@phoenix.gov

