



**... because
we're all
pedestrians**



@arlsafestreeets



contact@novafss.org



<https://novasafestreeets.org>



www.facebook.com/arlsafestreeets



NoVA FSS History

Mission: To bring the community together to create safer streets for people to walk and bike

- **Alexandria FSS started in 2017:**
 - ~ 900 names email list
 - A VZ Coalition Partner with City's TE&S, Marketing Partner with APD on VZ
 - Alexandria Public Schools to SRTS
 - ~1,200 Middle School students
- **Arlington FSS started in 2019**
 - ~280 names on email list
 - Advocating for Vision Zero in Arlington County
 - Arlington Public Schools for SRTS
 - ~ 2,000 Middle School students
- ***Fairfax FSS started in the Fall of 2020***
 - ~ 320 names on email list
 - Advocating VDOT infrastructure changes
 - Traffic regulation changes
- **Northern Virginia FSS is the umbrella organization for all three chapters (AFSS, Arl FSS & Ffx FSS)**
 - 501(c)(3) public charity
 - Advocating for traffic law changes in Richmond





Our Advocacy with Policy Makers

NoVA FSS has proactively advocating to General Assembly members in Richmond for the following traffic regulations :

- Hands Free Law
- Vulnerable Road User Law
- Stop at Crosswalk for Pedestrians / All Vulnerable Road Users
- Lower speed limits from 25 mph to 15 mph
- ASE (aka speed cameras) around school & construction zones
 - still advocating for broader implementation



Let's make our streets safer for walking and biking!

Have you almost been hit by a driver of a vehicle when walking or cycling? Have you observed a dangerous location where others have almost been crashed into by the driver of a vehicle?

Now, you can report those “**near misses**” & help make your streets safer!

Just go to the [Near Miss / Dangerous Location Survey](#) and report what happened, where it happened and when it happened.

NoVA FSS is collecting, analyzing and sharing (when the person has opted-in to share their name) the Near Miss data with police, the relevant transportation staff and policymakers. To see the Near Miss Dashboard, click [Near Miss Dashboard \(arcgis.com\)](#)

NoVA FSS uses the NM data to advocate for:

- Improve road infrastructure,
- Increase police vigilance at specific locations,
- Develop better traffic safety regulations at the State & Local level

Near Miss Survey



ArcGIS Survey123

- ArcGIS Survey123 Integration
- Geographically locates each response by manual pin drop or address input
- Shareable by QR code or hyperlink



Near Miss / Dangerous Locations Survey

Northern Virginia Families for Safe Streets (NoVA FSS), with chapters in Alexandria, Arlington and Fairfax, is identifying locations across all of Northern Virginia where pedestrians and cyclists have experienced near miss incidents and other dangers.

A near miss incident is an event in which a driver of a vehicle or a person walking, running, biking, or scooting had to suddenly stop, swerve or otherwise move to avoid a collision. A dangerous location is deemed dangerous to a person walking or biking.

This information will be reported anonymously to regional municipalities and other transportation focused organization to identify locations that would benefit from safety improvements but may have not been determined to be problem areas by traditional crash data sources.

We will also use the Near Miss data, when appropriate, for street safety advocacy efforts with policymakers.

Our goal is to improve safety for area residents, employees and visitors.

If you were involved in a crash, please report it to local law enforcement

I was...*

-Please Select-

Date of Near Miss*

3/24/2021

Time of Near Miss

hh:mm

Reporting Behavior of a...*

-Please Select-

Number of records

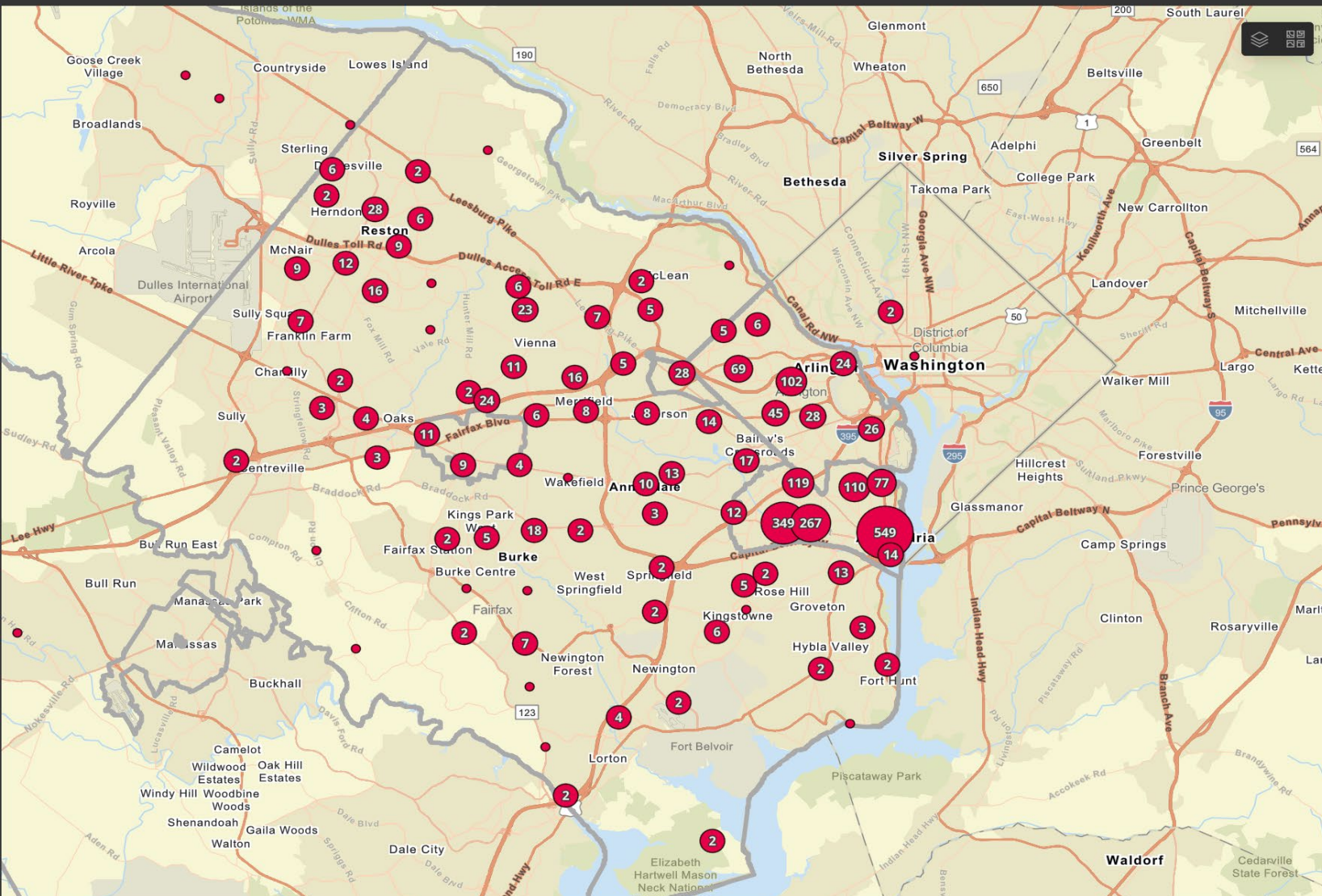
	Alexandria	Arlington	Fairfax	Other	All
All jurisdictions since 2019	1,431	351	400	71	2,253
2023	113	73	92	35	313

Near Miss: real time crowd sourced data

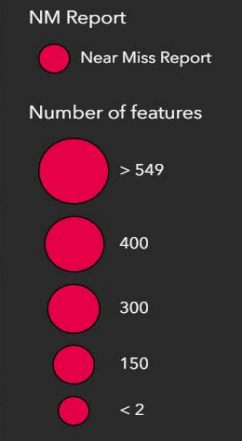


Northern Virginia Near Miss and Dangerous Location Dashboard

A real time visualization of crowdsourced Near Miss incidents and Dangerous Location reports



NM Reports (Clustered)



NoVA Jurisdictions

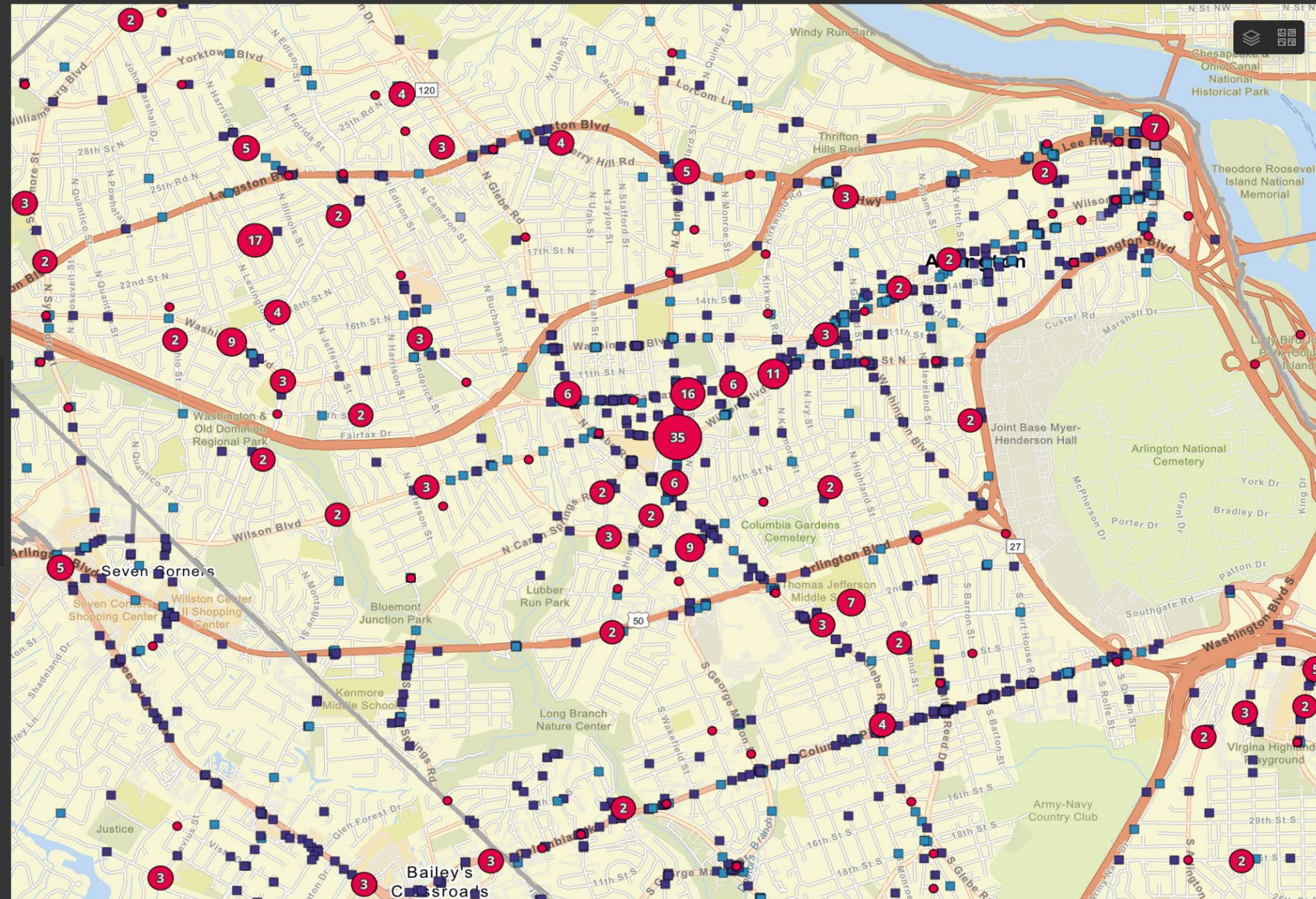


Arlington Near Miss & TRENDS KSI data



Northern Virginia Near Miss and Dangerous Location Dashboard

A real time visualization of crowdsourced Near Miss incidents and Dangerous Location reports



NM Reports (Clustered)

- NM Report
- Near Miss Report
- Number of features
- > 749
- 550
- 400
- 200
- < 2

NoVA Jurisdictions



Near Miss & TRENDS data – Lyon Park

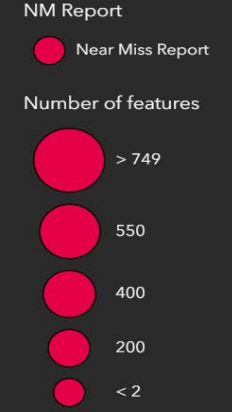


Northern Virginia Near Miss and Dangerous Location Dashboard

A real time visualization of crowdsourced Near Miss incidents and Dangerous Location reports



NM Reports (Clustered)



NoVA Jurisdictions



All data, all jurisdictions

Jan 2019 – Feb 2024

2,253 incidents

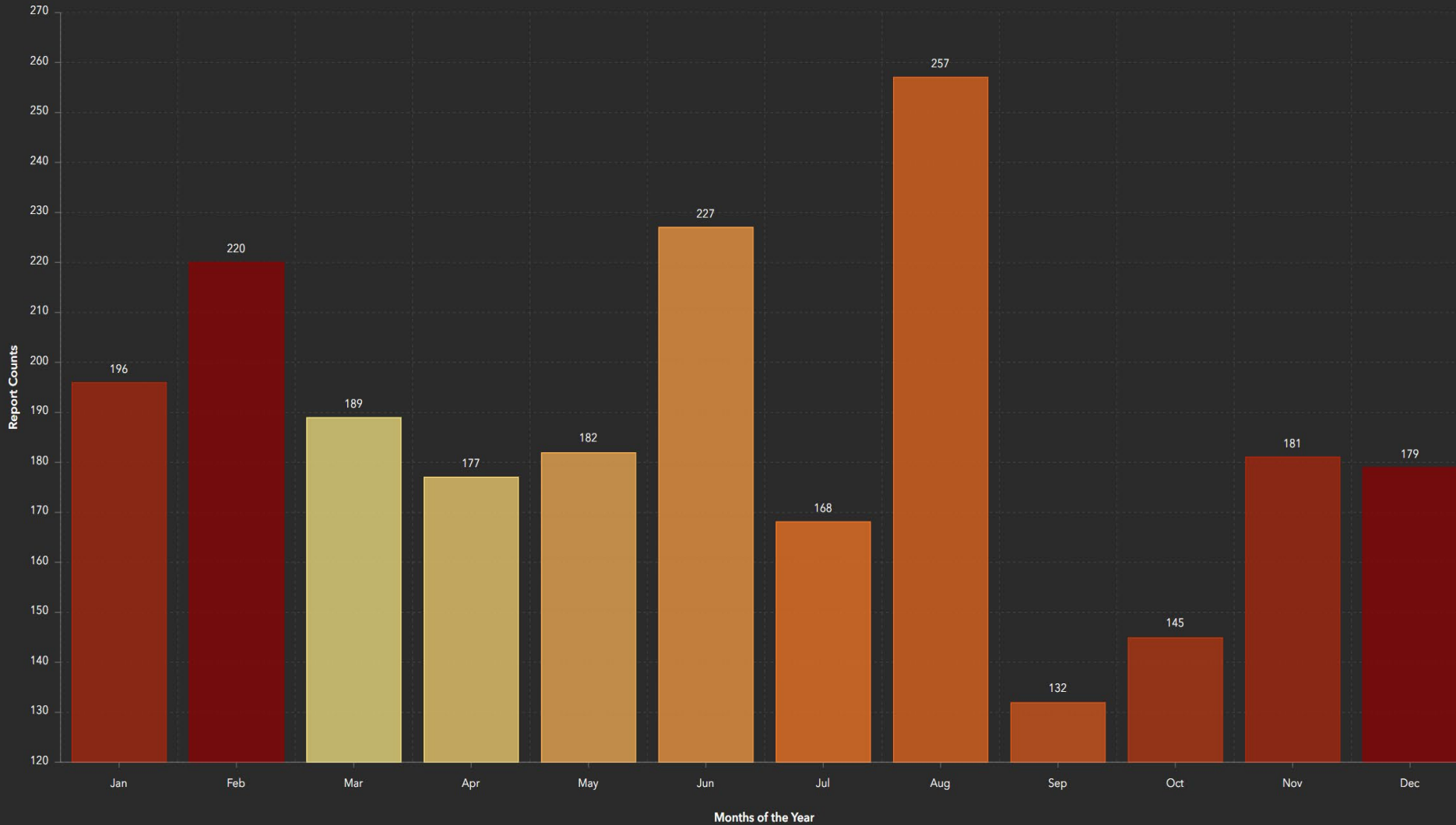
Reported incidents by month



Northern Virginia Near Miss and Dangerous Location Dashboard

A real time visualization of crowdsourced Near Miss incidents and Dangerous Location reports

NM - Reports by Month



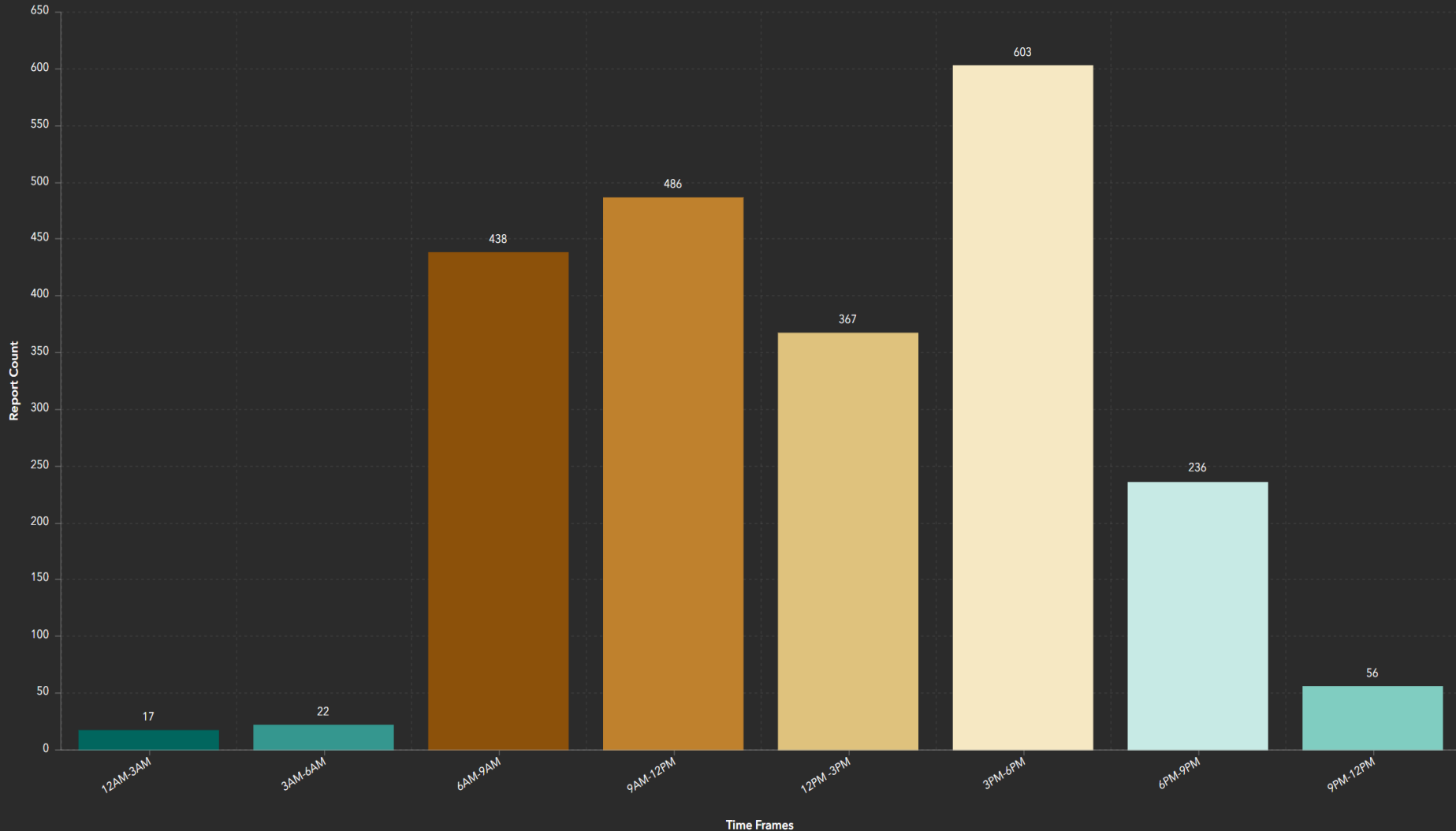
Reported incidents by time of day



Northern Virginia Near Miss and Dangerous Location Dashboard

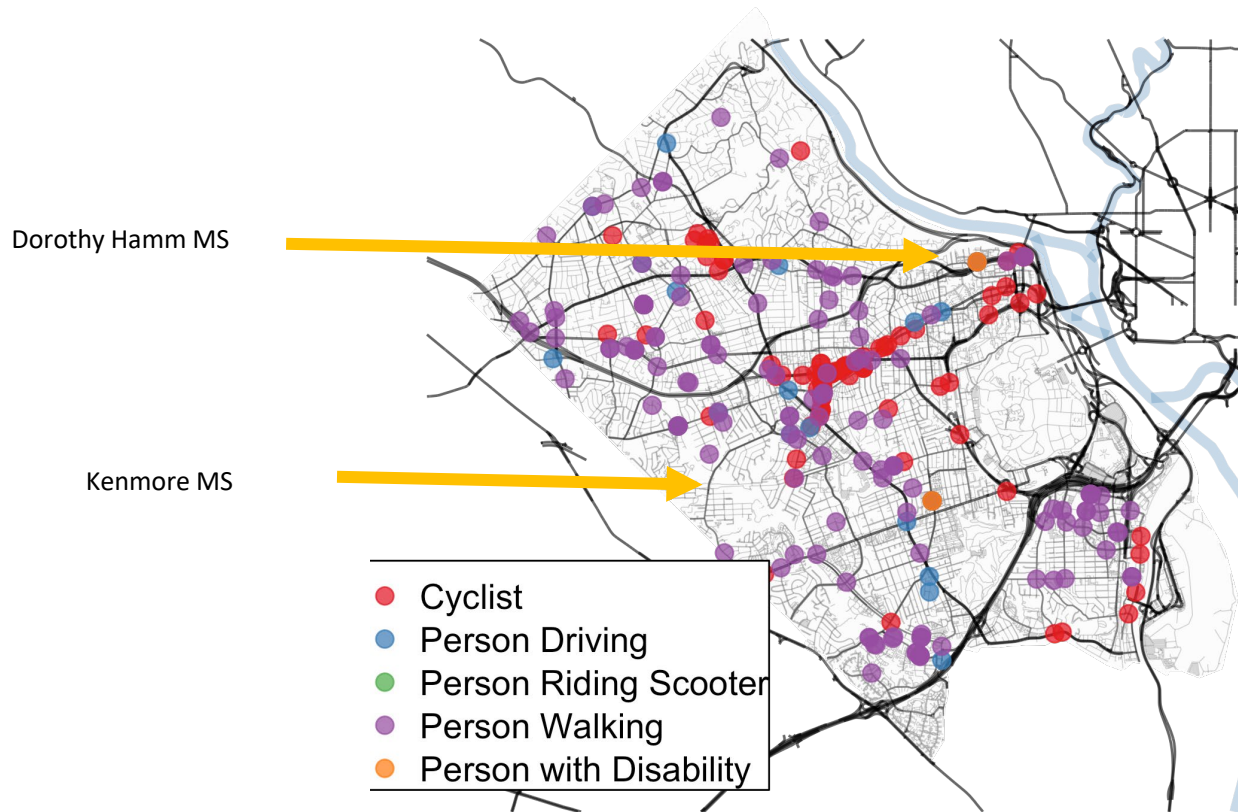
A real time visualization of crowdsourced Near Miss incidents and Dangerous Location reports

NM - Reports By Hour



Near Miss Data - Arlington

Who was impacted by the Near Miss?



Role of speed

When a person is driving at...



this is their field of vision.



It takes...



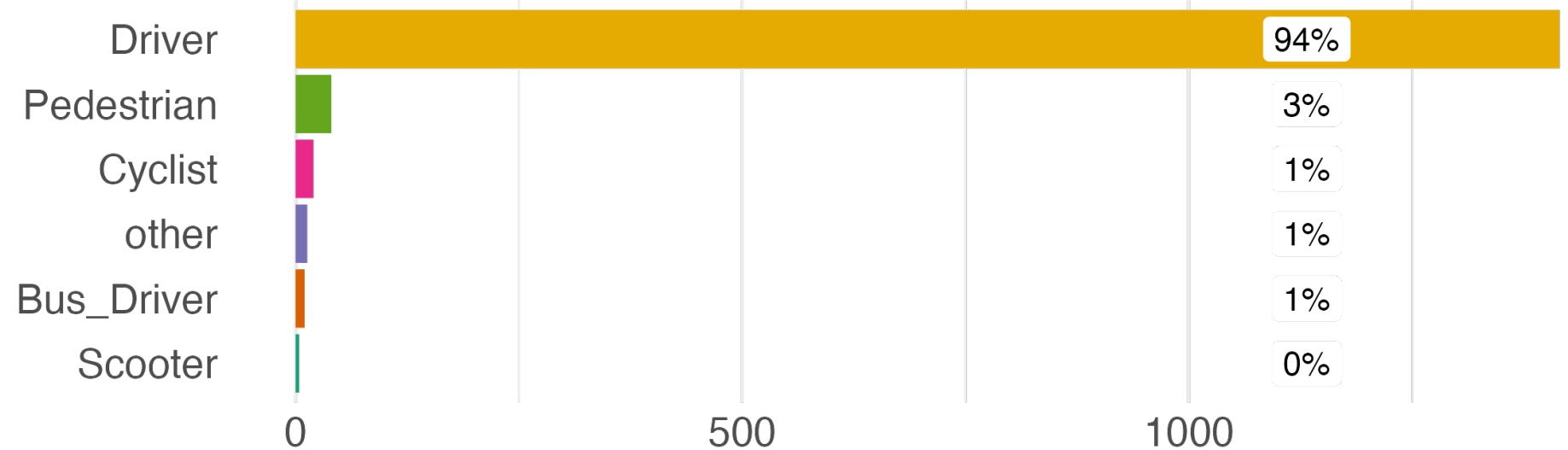
and pedestrians hit at this speed have a...



Learn it. Do it. Live it!

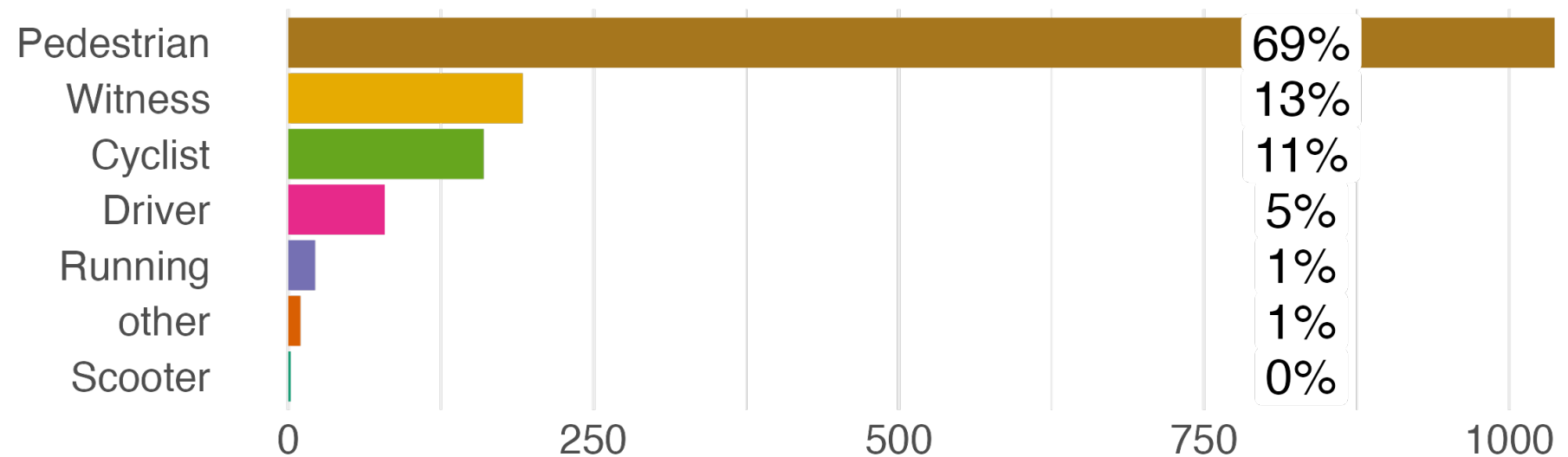
Drivers are overwhelmingly reported as at fault

Number of Incidents by At Fault Activity

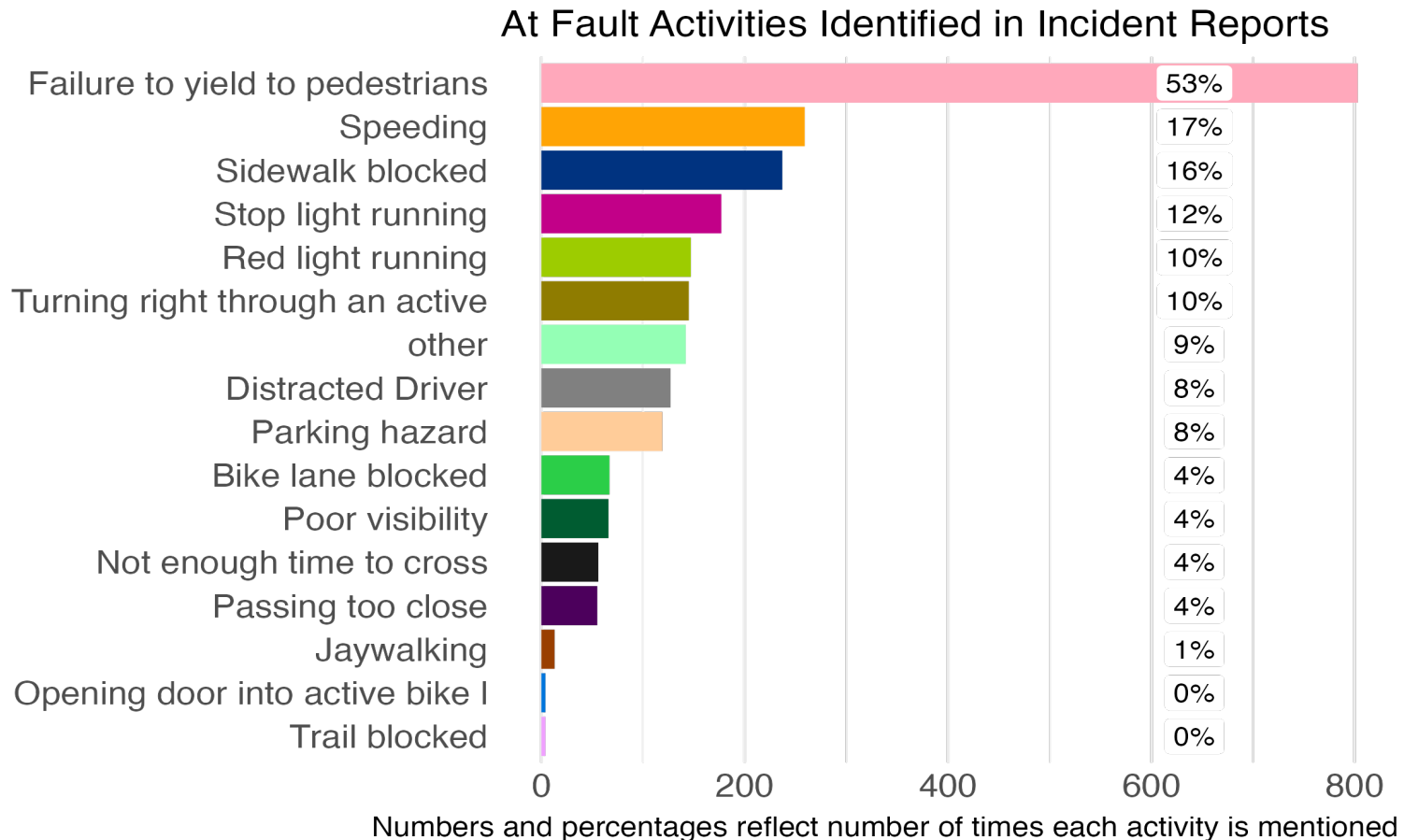


What are people doing when they report a near miss?

Number of Incidents Reported by Activity



Which activities do people report?



Thank You



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