

**AGENDA**  
**MPO Technical Committee**  
Tuesday, November 15, 2022  
10:00 AM

**\*\*In-Person Meeting at:** Water Street Center, 407 E. Water Street, Charlottesville, VA 22902

Zoom Meeting Link

<https://us02web.zoom.us/j/84713133193?pwd=bmpwTUIHbHowQmNlWG9XcnpXdFdrUT09>

*(for Remote Participation in Compliance with Adopted Remote Meeting Policy, Guest Speakers, and Members of Public)*

Meeting ID: 847 1313 3193

Passcode: 877682

Item	Time	Description
0	10:00-10:05	<b>Attendance</b>
1	10:05-10:10	<b>Matters from the Public: limit of 3 minutes per speaker</b> <i>Members of the Public are welcome to provide comment on any public-interest, transportation-related topic, including the items listed on this agenda</i>
2	10:10-10:15	<b>General Administration*</b> – Ryan Mickles, CA-MPO <ul style="list-style-type: none"> <li>• Acceptance of agenda*</li> <li>• Approval of May 17, 2022 MPO Tech Cmte. Minutes*</li> <li>• Approval of September 20, 2022 MPO Tech Cmte. Minutes*</li> </ul>
3	10:15-11:15	<b>Long Range Transportation Plan 2050</b> – Sandy Shackelford, CA-MPO <ul style="list-style-type: none"> <li>• Update on Plan Name</li> <li>• Draft Goals and Objectives (<i>attachment</i>)</li> <li>• Public Engagement Next Steps (<i>attachment</i>)</li> </ul>
4	11:15-11:25	<b>SMART Scale Project Review</b> – Sandy Shackelford, CA-MPO <ul style="list-style-type: none"> <li>• Final project cost estimates for Round 5 (<i>attachment</i>)</li> </ul>
5	11:25-11:35	<b>Regional Transit Vision Plan</b> – Lucinda Shannon, CA-MPO <ul style="list-style-type: none"> <li>• Presentation and Discussion</li> </ul>
6	11:35-11:45	<b>Staff Updates</b> <ul style="list-style-type: none"> <li>• Review of Title VI – Lucinda Shannon, CA-MPO</li> <li>• Mobility Management – Lucinda Shannon, CA-MPO</li> <li>• TJPDC/Rideshare Program – PDC Staff</li> </ul>
7	11:45-11:55	<b>Roundtable Updates</b>
8	11:55-12:00	<b>Additional Matters from the Public: limit of 3 minutes per speaker</b> <i>Members of the public are welcome to provide comment on any public-interest, transportation-related topic, including the items listed on this agenda</i>
		<b>Informational Items</b> 2015-2021 Crash Severity Maps – source: DMV; VDOT ( <i>attachment</i> ) American Community Survey 5-year Estimates ( <i>attachment</i> )

\* A recommendation to the Policy Board and/or vote is expected for this item

**Upcoming Meetings:**

Citizen Transportation Advisory Committee:

November 16 at 7:00pm

Bicycle and Pedestrian Staff Coordination Committee:

November 17 at 10:00am (*tentative*)

MPO Policy Board:

December 6 at 4:00pm

**MPO Technical Committee Meeting**

Draft Minutes, May 17, 2022

Video of the meeting can be found at <https://www.youtube.com/watch?v=f7WECv6b80k>

VOTING MEMBERS & ALTERNATES		STAFF	
Alex Ikefuna, Charlottesville		Sandy Shackelford, TJPDC	x
Jeanette Janiczek, Charlottesville		Lucinda Shannon, TJPDC	x
Rory Stolzenberg, Charlottesville PC	x	Gretchen Thomas, TJPDC	x
Kevin McDermott, Albemarle	x	Ruth Emerick, TJPDC	x
Jessica Hersh-Ballering, Albemarle	x	Ryan Mickles, TJPDC	x
Chuck Proctor, VDOT	x		
Stacy Londrey, VDOT (alternate)		<b>NON-VOTING MEMBERS</b>	
Christine Jacobs, TJPDC	x	Tony Cho FTA	
Stephen Johnson, Jaunt	x	Donna Chen	x
Bill Palmer, UVA	x		
Luis Carrazana, Albemarle PC	x	<b>GUESTS/PUBLIC</b>	
Juwhan Lee, CAT	x	Peter Krebs, Piedmont Environmental Council	
Wood Hudson, DRPT		Michael Barnes, VDOT	x
Sara Pennington, Rideshare		Sean Tubbs	x
Richard Duran, FHWA			
Taylor Jenkins, DRPT (alternate)			

**Note:** The City of Charlottesville has declared a local state of emergency due to the COVID-19 pandemic and the nature of this declared emergency makes it impracticable or unsafe for the Thomas Jefferson Planning District Commission to assemble in a single location in the city. This meeting was held utilizing electronic virtual communication with the Zoom software application, and in accordance with virtual meeting provisions contained in Code of Virginia § [2.2-3708.2](#). A recording of the meeting was made available to the public on May 18, 2022 at <https://www.youtube.com/watch?v=f7WECv6b80k>

**1. CALL TO ORDER:**

The MPO Technical Committee Chair, Rory Stolzenberg, presided and called the meeting to order at 10:02 a.m. and read the Notice of Electronic Meeting and Commissioner and Public Protocol. Ryan Mickles took attendance.

**2. MATTERS FROM THE PUBLIC**

- a. **Comments by the Public:** None
- b. **Comments provided via email, online, web site, etc.:** None

**3. GENERAL ADMINISTRATION (MINUTE :00):**

Acceptance of Agenda – There were no additions or changes to the agenda, so it was approved as presented.



### Update on In-Person Meetings

Ryan Mickles reported that the MPO is planning to return to in-person meetings in July at the Water Street Center, located at 407 E Water Street in Charlottesville.

### Approval of March 15, 2022 Minutes

**Motion/Action:** Juwhan Lee made a motion to approve the minutes, Christine Jacobs seconded and the motion passed unanimously.

#### **4. CONSIDER RESCHEDULING JULY 19 MPO TECHNICAL MEETING (MINUTE 2:54):**

Mr. Mickles explained that there is a conflict with date of the next meeting with the VA APA Conference. Staff proposed changing the meeting to July 26 at 10:00 a.m. and hold a joint session with the Rural Technical committee.

**Motion/Action:** Kevin McDermott made a motion to approve the schedule change as presented, Juwhan Lee seconded and the motion passed unanimously.

#### **5. DRAFT FY23 UPWP WORK PROGRAM (MINUTE 6:55):**

Mr. Mickles presented the draft of the FY23 UPWP. He noted that there were no comments to date from the public.

Mr. Stolzenberg noted that in the Table of Contents, the dates are still incorrect. Also, on page 25 the dates are also incorrect.

**Motion/Action:** Kevin McDermott made a motion to approve the UPWP with the amended dates. Christine Jacobs seconded the motion and the motion passed unanimously.

#### **6. SMART SCALE PROJECT UPDATE (MINUTE 10:09):**

Mr. Mickles reported that the MPO submitted eight Smart Scale pre-applications on April 1 and are preparing final applications on August 1.

Mr. Mickles also presented two resolutions of support. The first was for a support of the four MPO project applications submissions and the second is for support of four local project application submissions.

Mr. Proctor noted that in the first resolution, "HB2" should be replaced with "Smart Scale" throughout the document.

**Motion/Action:** Christine Jacobs made a motion to recommend the first resolution with the stated revisions to the Policy Board for consideration. Stephen Johnson seconded the motion and the motion passed unanimously.

Chuck Proctor noted regarding the second resolution, the titles for the projects being submitted should be mirrored in the resolution. He also made note that "HB2" should be changed to "Smart Scale" in this resolution as well.

Ms. Hersh-Ballering will send the correct titles of the projects to Mr. Mickles.

Mr. Stolzenberg note that it will be important to check the titles from the City. Mr. Barnes will work with Mr. Mickles to get the titles to mirror one another.

**Motion/Action:** Christine Jacobs made a motion to recommend the resolution to the MPO Policy Board endorsing the submission of Smart Scale projects with the requested revisions to remove reference to HB2, and change the titles and descriptions to match the application titles and descriptions given by the jurisdictions. Jessican Hersh-Ballering seconded the motion and the motion passed unanimously.

At minute 25:30, there was a presentation and discussion about the design concept and access of the proposed Rivanna Bike/Pedestrian bridge.

## **7. STAFF UPDATES (MINUTE 37:33):**

### TIP Amendments

Lucinda Shannon reported on several administrative TIP adjustments. The TIP is on the MPO website:

<https://campo.tjpd.org/process-documents/tip/>

### Regional Transit Vision Plan

Ms. Shannon gave a timeline of the work that has been completed and for the plan going forward. She noted that the RTP is the Advisory Committee for this project. She said the next step is to go to the TJPDC Board and then to the public for surveys and targeted focus groups. She invited the public comments at the next RTP meeting, May 26 at 4:00 p.m.

The 29 North project website is located here: <https://tinyurl.com/N29VDOT>

### Transit Governance Study

Ms. Shannon explained the Governance Study and that it will go before the CTB for approval. As soon as the MPO gets the funding announcement, Staff will move forward with AECOM to begin the study. The finances have not been secured as of this date.

Mr. McDermott noted that it will be important to create a key stakeholder list prior to presenting to the Board.

Stephen Johnson asked a clarifying question about the potential change in structure of the transit systems.

Ms. Jacobs noted that Staff is going into the study with no assumptions. They will rely on the consultants for their recommendations.

### TJPDC/Rideshare Program

Ms. Shannon reported that the Afton Express has increased ridership. May is Clean Commute month and there are promotions for commuting by using #CleanCommuteCville on social media.

### OIPI Growth and Accessibility Planning Technical Assistance Grant

Ms. Shackelford said the MPO and County and City staff have been working with OIPI and have discussed internal staff capacity. She noted that the process will be heavily-GIS based. She also reported that she is working on the scope for the LRTP and more specific info will be available on that in the Fall.

### **9. ROUNDTABLE UPDATES (MINUTE 1:00:00):**

Christine Jacobs reported that there is an open Planner II/III position and the TJPDC is actively recruiting for applications.

Bill Palmer noted the on-demand transportation program that UVA has rolled out during off-hours for students has been successful. UTS is also moving into a summer schedule. He also noted that UTS is working to accommodate the large numbers of electric scooters on Grounds.

Stephen Johnson had to leave the meeting early at 11:00, so there was no report from him.

Kevin McDermott reported that the application for revenue sharing for the Eastern Avenue connector was funded in the draft six-year plan, so it looks like they will be able to move forward with that project. He also noted that 29 North Corridor study will have a final public meeting Thursday from 7-9 p.m. on Zoom. (The 29 North project Website: <https://tinyurl.com/N29VDOT>)

Jessica Hersh-Ballering said regarding the draft 6-year plan, there is a draft demo program for micro transit. The County is looking forward to working with CAT on that program.

Donna Chen had no update from CTAC.

Chuck Proctor said VDOT is working on the Smart Scale applications and developing related sketches and cost estimates. He noted a change in the Hickory Crossing project. He also noted that there will be a Metroquest survey online to collect public comments on the 29 North Corridor study.

Michael Barnes said he is trying to set up informal lunches with folks to get to know people better and to find out what is going on in the community.

Juwhan Lee reported CAT will be presenting two studies at the next RTP meeting. He also said CAT launched their alternative fuel feasibility study. He also noted that route changes are still on hold.

Luis Carrazana did not have anything to report.

Rory Stolzenberg said next Tuesday, May 24, there will be a joint planning meeting to determine what to do with 5<sup>th</sup> Street.

**10. ADDITIONAL MATTERS FROM THE PUBLIC (MINUTE 1:09:30):**

None.

**ADJOURNMENT:** Mr. Stolzenberg adjourned the meeting at 11:14 a.m.

**MPO Technical Committee Meeting**

Draft Minutes, September 20, 2022

Video of the meeting can be found at <https://www.youtube.com/watch?v=OFUspikbHAs>

VOTING MEMBERS & ALTERNATES		STAFF	
James Freas, Charlottesville	x	Sandy Shackelford, TJPDC	x
Jeanette Janiczek, Charlottesville	x	Lucinda Shannon, TJPDC	
Rory Stolzenberg, Charlottesville PC	x	Gretchen Thomas, TJPDC	x
Kevin McDermott, Albemarle	x	Christine Jacobs, TJPDC	x
Jessica Hersh-Ballering, Albemarle	x	Ryan Mickles, TJPDC	x
Chuck Proctor, VDOT			
Stacy Londrey, VDOT (alternate)		<b>NON-VOTING MEMBERS</b>	
Christine Jacobs, TJPDC		Tony Cho FTA	
Stephen Johnson, Jaunt	x	Donna Chen, CTAC Liaison	
Bill Palmer, UVA *	x	Zadie Lacy, Jaunt	x
Luis Carrazana, Albemarle PC *	x	<b>GUESTS/PUBLIC</b>	
Juwhan Lee, CAT *	x		
Wood Hudson, DRPT	x		
Sara Pennington, Rideshare	x		
Richard Duran, FHWA			
Taylor Jenkins, DRPT (alternate)			
Michael Barnes, VDOT	x		

\* *attended online via Zoom*

**1. CALL TO ORDER:**

The MPO Technical Committee chair, Mr. Rory Stolzenberg, presided and called the meeting to order at 10:03 a.m. Mr. Ryan Mickles called roll. Ms. Christine Jacobs made a motion to accept the attendance of the committee members online to participate remotely. Mr. Michael Barnes seconded the motion and the motion passed unanimously.

**2. MATTERS FROM THE PUBLIC**

- a. **Comments by the Public:** None
- b. **Comments provided via email, online, web site, etc.:** None

**3. GENERAL ADMINISTRATION (MINUTE 3:55):**

Approval of May and July, 2022 Minutes

**Motion/Action:** Mr. Kevin McDermott reminded the committee that there was not a quorum last meeting, so the minutes from the May meeting need to be approved. Mr. Wood Hudson made a motion to approve the July minutes, with Mr. McDermott seconding the motion and the motion passed unanimously. The May minutes will be approved at the November meeting.



**4. ELECTIONS OF MPO TECH CHAIR AND VICE CHAIR (MINUTE 5:45):**

**Motion/Action:** Mr. McDermott nominated Mr. Stolzenberg for Chair. Ms. Sara Pennington seconded., and the motion passed unanimously. Ms. Jacobs nominated Mr. McDermott as Vice Chair. Mr. Stephen Johnson seconded, and the motion passed unanimously.

**5. FY23 UNIFIED PLANNING WORK PROGRAM (UPWP) AMENDMENTS (MINUTE 11:12):**

**Summary of Changes**

Ms. Sandy Shackelford presented the committee with minor changes to the UPWP, including rollover money being smaller than anticipated.

Mr. Johnson noted that there are no measures in the UPWP. He hopes that future versions will include those to see how they are doing. Ms. Shackelford said they are intentionally left broader.

Mr. McDermott made a motion to recommend the resolution to the board for the amendment to the UPWP. Mr. Johnson seconded. Motion passed with an abstention from Mr. Hudson.

**6. UPDATE ON 2050 LONG RANGE TRANSPORTATION PLAN (LRTP) (MINUTE 21:15):**

Ms. Shackelford gave an update on the 2050 LRTP. She reviewed the scope of work and the Gantt chart enclosed in the agenda packet.

Mr. Johnson said he would like to see what was implemented on the last LRTP and what wasn't and why. Ms. Shackelford said it is most important to look at the current needs.

Mr. McDermott said Albemarle County is reviewing and editing their comp plan, so when reviewing it, please be aware that there may be some changes. He said he will pull together a schedule on what they have planned for getting it approved.

Ms. Shackelford said that it will be important to get the LRTP in front of the Board/Council.

There was discussion among members about the LRTP process and how to do it well this next time.

Ms. Shackelford discussed defining goals and objectives, identifying priority needs, and identifying priority projects. She noted that the goals and objectives would lead to the performance measures.

Mr. McDermott noted that it will be important to reach out to underserved communities.

**7. OIPI PROJECT PRIORITIZATION PROCESS (MINUTE 50:00):**

Ms. Shackelford offered a peer comparison of goals between Richmond Lynchburg, Staunton/Augusta/ Waynesboro, and Fredericksburg.

She presented recommendations for goal categories for the CA-MPO LRTP 2050, including Safety,



Equity & Accessibility, Mobility/Congestion Mitigation, Economic Development & Land Use, Environment, System preservation.

Mr. James Freas recommended that “congestion” be dropped from the goals, and, after some discussion, the majority of the committee concurred.

Ms. Shackelford explained that the needs prioritization performance measures are under development. There was discussion about safety, including potential for safety improvement intersections, potential for safety improvement segments and bicycle and pedestrian crash hot spots.

There was also discussion about how to increase safety measures for bike/pedestrian safety in major corridors.

She continued with the Equity & Accessibility, mobility, and system preservation performance measures.

Ms. Shackelford said that economic development & land use and environment performance measures are not included in need prioritization presented, but noted they will inform project prioritization.

Mr. Johnson and Mr. Juwhan Lee both said it is important to consider whether transportation is accessible with land use planning. (example – Willow tree in Woolen Mills)

**8. SAFE STREET FOR ALL (MINUTE 1:39:09):**

Mr. Mickles presented the committee with an update on the Safe Street for All discretionary grant program that the MPO has applied for. The application was submitted on September 15. If awarded, nearly half of the \$1.1 million grant amount will go to public and stakeholder engagement.

**9. STAFF UPDATES (MINUTE 1:44:47):**

Rideshare

Ms. Pennington reported that September is Discover Transit month, and November is Rideshare month. She also noted that September is the one-year anniversary of Afton Express. Afton Express has been doing giveaways every Thursday in the month of September. She also reported that there will be some sort of giveaway for those who use the Rideshare app and log their trips next month.

**10. ROUNDTABLE UPDATES (MINUTE 1:49:42):**

Due to time constraints, the roundtable was shortened.

Mr. I Barnes gave a brief update on the Route 29/Hydraulic Road project, with clarification of the project by Ms. Shackelford, and said they are working through SmartScale applications.

Mr. Hudson said DRPT is wrapping up the rail plan and reported that there will be a virtual public meeting on September 27 from 6-7 p.m.

**11. ADDITIONAL MATTERS FROM THE PUBLIC (MINUTE 1:55:34):**

None.

**ADJOURNMENT:** Mr. Stolzenberg adjourned the meeting at 12:03 p.m.

## Memorandum

**To:** MPO Committee Members  
**From:** Sandy Shackelford, Director of Planning & Transportation  
**Date:** November 8, 2022  
**Reference:** LRTP Draft Goals and Objects, Focus Group Participants

### Purpose:

The first step in determining the transportation project priorities for the Long Range Transportation Plan (LRTP) is defining the goals and objectives for the transportation system. The ultimate required outcome of the LRTP is a list of infrastructure projects that the MPO region will prioritize when pursuing funding opportunities. While other strategies may be referenced in the LRTP, the goals and objectives should be developed in a way that guides the prioritization of the infrastructure project selection.

Staff has developed a set of draft goals and objectives as a starting point for discussion, and is requesting additional feedback from MPO Tech and CTAC, and is planning to conduct focus groups with specific groups prior to developing the final recommended language.

### Background:

The initial set of goals and objectives developed by staff is based largely on what was included in the 2045 LRTP as well as referencing the language that was included in other LRTPs throughout the Commonwealth. While there is a desire to ensure that the objectives are connected to metrics that can help guide the selection of projects, there may be opportunities to consider objectives that aren't directly related to a measurable outcome in a qualitative process.

The goals are the general statement of how we want our transportation system to operate. The objectives are more specific and help us know how we know we are meeting those goals. The objectives are value statements that will inform the actual measures that are used to conduct a quantitative project prioritization process.

CA-MPO staff has retained the consulting firms EPR and Kimley Horn to provide support in the development of the LRTP. The consultants have advised that the best opportunity to have public and stakeholder engagement in the development of the goals and objectives is to conduct focus groups with targeted representatives of the public based on stakeholders that we hope to engage with throughout the LRTP process. The focus groups serve two important functions: the first is that we have an opportunity to hear about the transportation system needs from representatives that have more knowledge on certain types of system improvement needs. This gives us a chance to vet the factors that

are included in the population in a well-facilitated process prior to asking the public more generally to provide feedback on how important the different goals and objectives are. The second purpose to conducting these focus groups is that it helps us build relationships with important stakeholders that can help guide successful engagement strategies with the populations they represent.

For these two reasons, staff is suggesting that we conduct four focus groups that would include the business community, safety professionals, equity priority communities, and special interest groups. These would be facilitated by our staff and their feedback will inform recommendations to the goals and objectives that would be considered for final consideration at the MPO meetings in January or March depending on how quickly these groups could be scheduled.

While thought has been put into the potential membership of these focus groups, this is still very much a draft form. Staff has reached out to the economic development departments on recommendations for business community stakeholders to include, so this list could be adjusted based on their feedback. Participants would be invited to attend, but there has been no request for participation at this time and there is no commitment on the part of any group listed here.

**Recommendation:**

There is no staff recommendation at this time. Staff is requesting feedback from the committee members on the draft goals and objectives and on the focus group approach, as well as whether there are recommendations for representatives that should be included in any of the suggested groups. Ideal group sizes would be between 8 and 12.

If there are any questions or comments, please contact Sandy Shackelford at [sshackelford@tjpd.org](mailto:sshackelford@tjpd.org).

Goal	Objective
Safety: Improve the safety of the transportation system for all users.	Reduce frequency and severity of crashes. Improve comfort and safety for users of alternative modes of transportation.
Environment: Reduce the negative environmental impacts of the transportation system.	Minimize impacts of transportation system on natural and built environment. Increase use of alternative modes of transportation (ridesharing, transit, active transportation). Integrate sustainable infrastructure practices into project design. Reduce vehicle emissions.
Equity & Accessibility: Improve equitable access to opportunities through greater availability of mode choices that are affordable and efficient.	Increase mode choice for all users. Increase access to activity centers for underserved populations/EJ populations.
Land Use & Economic Development: Integrate transportation system improvements with land use planning.	Provide multi-modal infrastructure in designated growth areas, mixed-use areas, and near activity/attraction centers. Consider multi-modal system needs during site development review procedures. Fill connectivity gaps in multi-modal network.
Efficiency: Increase travel efficiency and system reliability.	Reduce congestion through operational improvements (intersection reconfiguration, traffic light coordination, etc.) Increase system capacity at identified bottlenecks. Maintain the existing system in a state of good repair.

**Focus Groups:**

Business Community:

Sentara  
 Charlottesville Albemarle Convention and Visitors Bureau  
 Charlottesville Albemarle Regional Chamber of Commerce  
 Department of Defense  
 UVA Health  
 WillowTree  
 Monticello  
 Piedmont Workforce Development Board  
 UVA Economic Development  
 Central Virginia Partnership for Economic Development

Safety Professionals:

EMS  
 Department of Health  
 School Bus Driver  
 Crossing Guard  
 Safe Routes to School  
 Charlottesville Police  
 Albemarle Police  
 Virginia State Police  
 Jaunt Safety Director  
 CAT Safety Director

Equity Priority Communities:

Virginia Institute for the Blind  
 Charlottesville Area Alliance  
 Piedmont Housing Alliance  
 Sin Berraras  
 First Baptist Church  
 Charlottesville Independence Resource Center  
 Network to Work

Special Interest Groups:

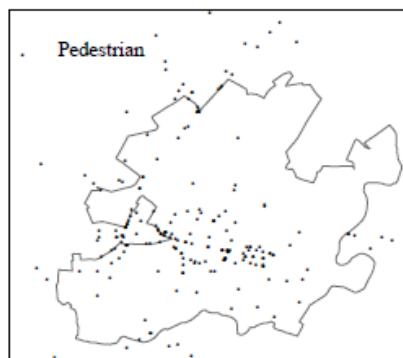
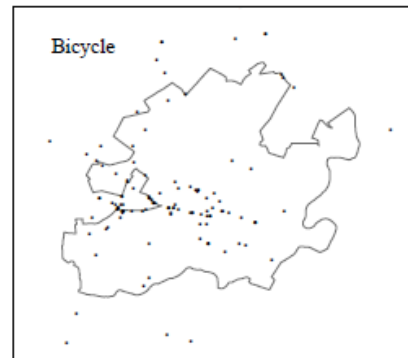
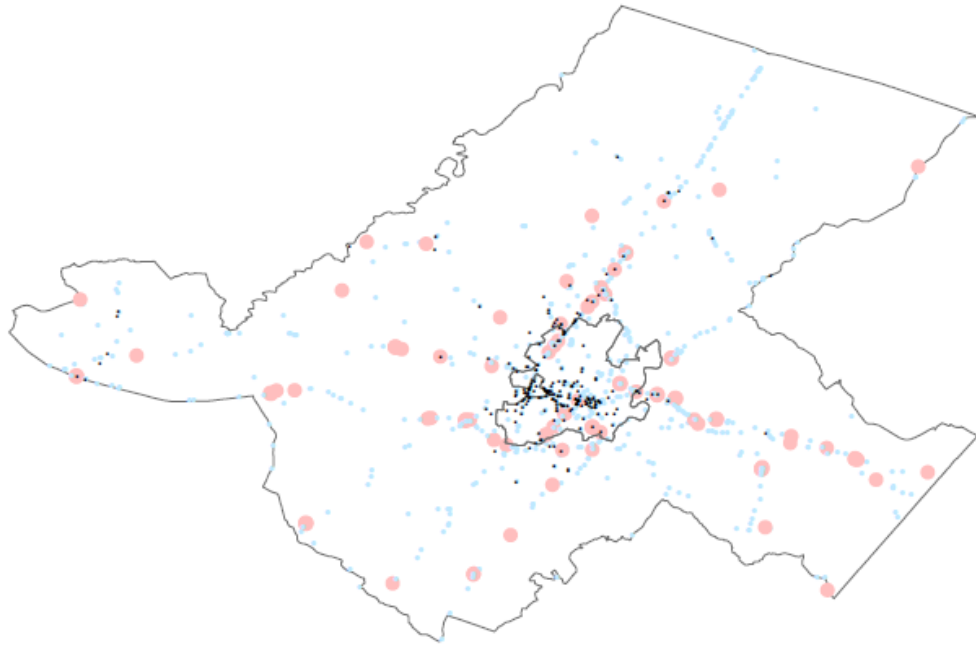
C3  
 Mobility Alliance/Piedmont Environmental Council  
 Southern Environmental Law Center  
 IMPACT  
 Charlottesville Bike/Ped Advisory Committee  
 UVA Student (Student Government Association)

		5th St. Multi-Modal (Harris Rd to Holiday Inn)	Avon Street Multi-Modal Improvements	Rivanna River Bike and Pedestrian Crossing	District Ave. Roundabout
Base Cost Estimate	PE	\$ 1,740,000	\$ 1,700,000	\$ 2,030,000	\$ 1,670,000
	RW	\$ 5,040,000	\$ 2,400,000	\$ 1,970,000	\$ 5,890,000
	CN	\$ 6,180,000	\$ 4,750,000	\$ 14,800,000	\$ 3,820,000
	<b>TOTAL</b>	<b>\$ 12,960,000</b>	<b>\$ 8,850,000</b>	<b>\$ 18,800,000</b>	<b>\$ 11,380,000</b>
Contingencies (including CEI)	PE	\$ 174,000	\$ 170,000	\$ 304,500	\$ 167,000
	RW	\$ 2,016,000	\$ 960,000	\$ 886,500	\$ 2,061,500
	CN	\$ 2,039,400	\$ 1,805,000	\$ 8,436,000	\$ 1,528,000
	CEI	\$ 1,236,000	\$ 950,000	\$ 2,664,000	\$ 764,000
<b>TOTAL</b>	<b>\$ 5,465,400</b>	<b>\$ 3,885,000</b>	<b>\$ 12,291,000</b>	<b>\$ 4,520,500</b>	
Inflation	PE	\$ 240,207	\$ 234,685	\$ 292,979	\$ 230,543
	RW	\$ 1,369,569	\$ 652,176	\$ 656,709	\$ 1,543,386
	CN	\$ 2,753,412	\$ 2,185,456	\$ 10,075,100	\$ 2,377,568
	<b>TOTAL</b>	<b>\$ 4,363,188</b>	<b>\$ 3,072,317</b>	<b>\$ 11,024,788</b>	<b>\$ 4,151,497</b>
<b>PROJECT TOTAL</b>		<b>\$ 22,788,588</b>	<b>\$ 15,807,317</b>	<b>\$ 42,115,788</b>	<b>\$ 20,051,997</b>

## FATALITY & SERIOUS INJURY (2015-2021)

Source: Division of Motor Vehicles; Virginia Department of Transportation

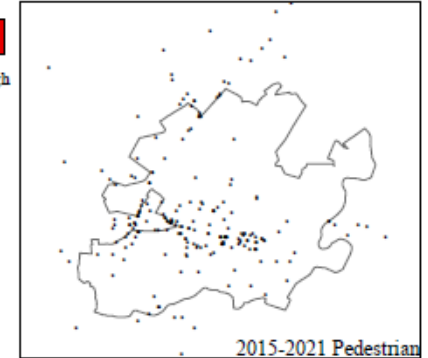
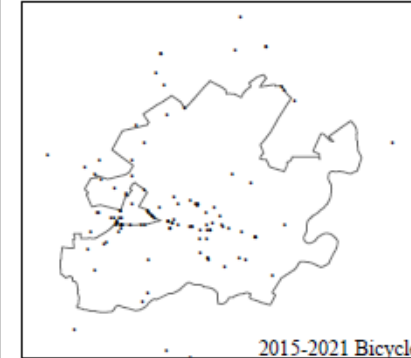
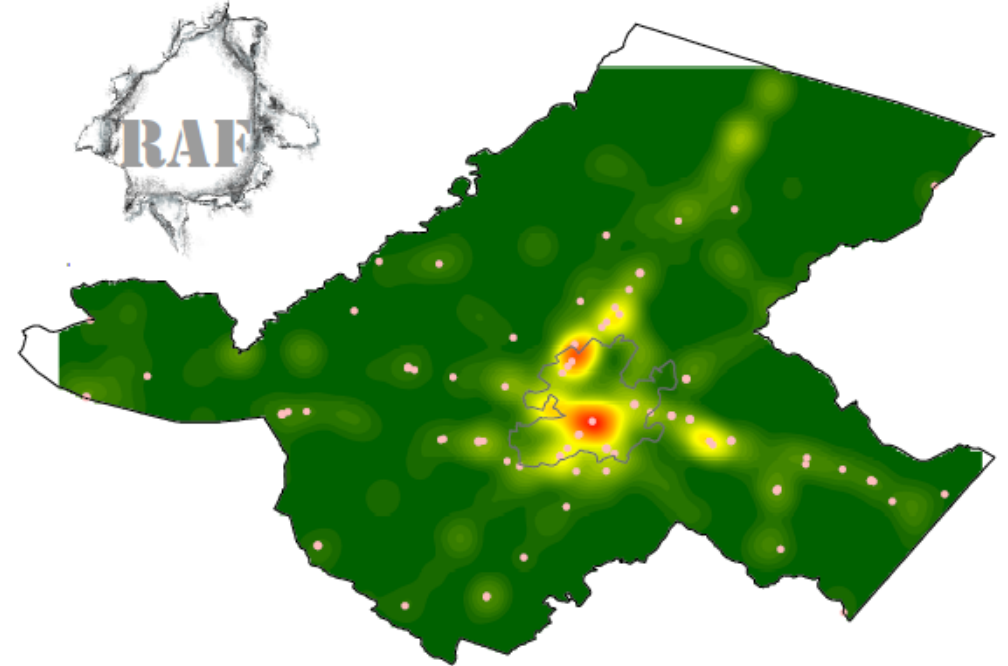
	2021	2020	2019	2018	2017	2016	2015	% change 2015-21	7 yr annual rate	7 yr average	totals	% of total
K People	15	15	14	8	7	8	8	88%	0.125	10.71	75	0.5%
A_People	123	169	144	128	93	85	72	71%	0.101	116.29	814	5.4%
B_People	240	190	264	257	639	671	718	-67%	-0.095	425.57	2979	19.8%
C_People	999	824	831	749	185	157	189	429%	0.612	562.00	3934	26.2%
Persons_Injured	1362	1183	1239	1134	917	913	979	39%	0.056	1103.86	7727	51.4%
Pedestrian	3	4	2	0	0	2	1	200%	0.286	1.71	12	0.1%
Pedestrian_1	21	22	25	36	46	43	41	-49%	-0.070	33.43	234	1.6%
Vehicle_Count	3712	3225	4495	4289	4100	4207	4149	-11%	-0.015	4025.29	28177	
Collisions	1997	1795	2374	2254	2171	2253	2196	-9%	-0.013	2148.57	15040	100.0%
Bicycle	17	20	28	21	18	11	18	-6%	-0.008	19.00	133	0.9%

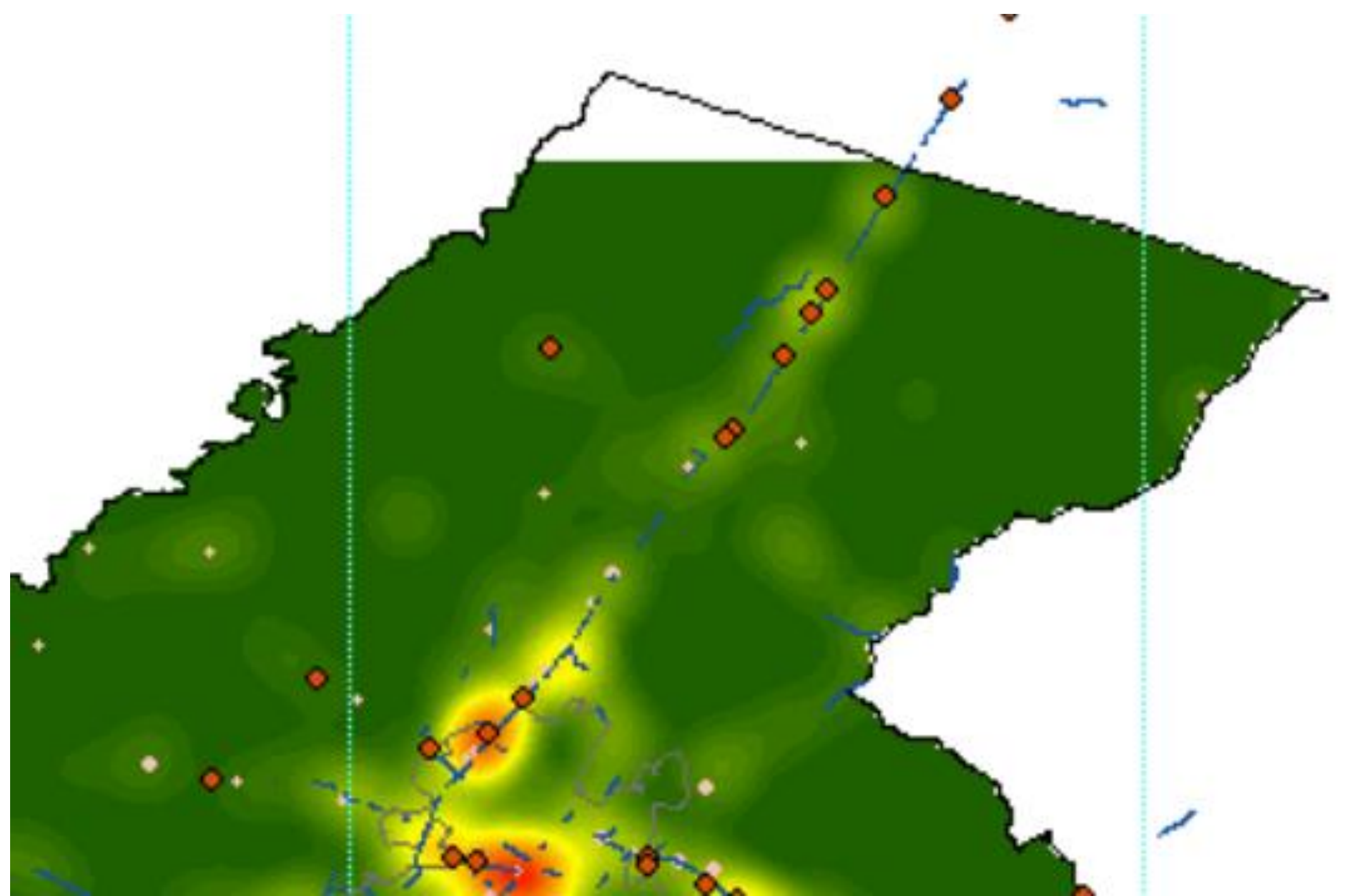


## FATALITY & SERIOUS INJURY (2015-2021)

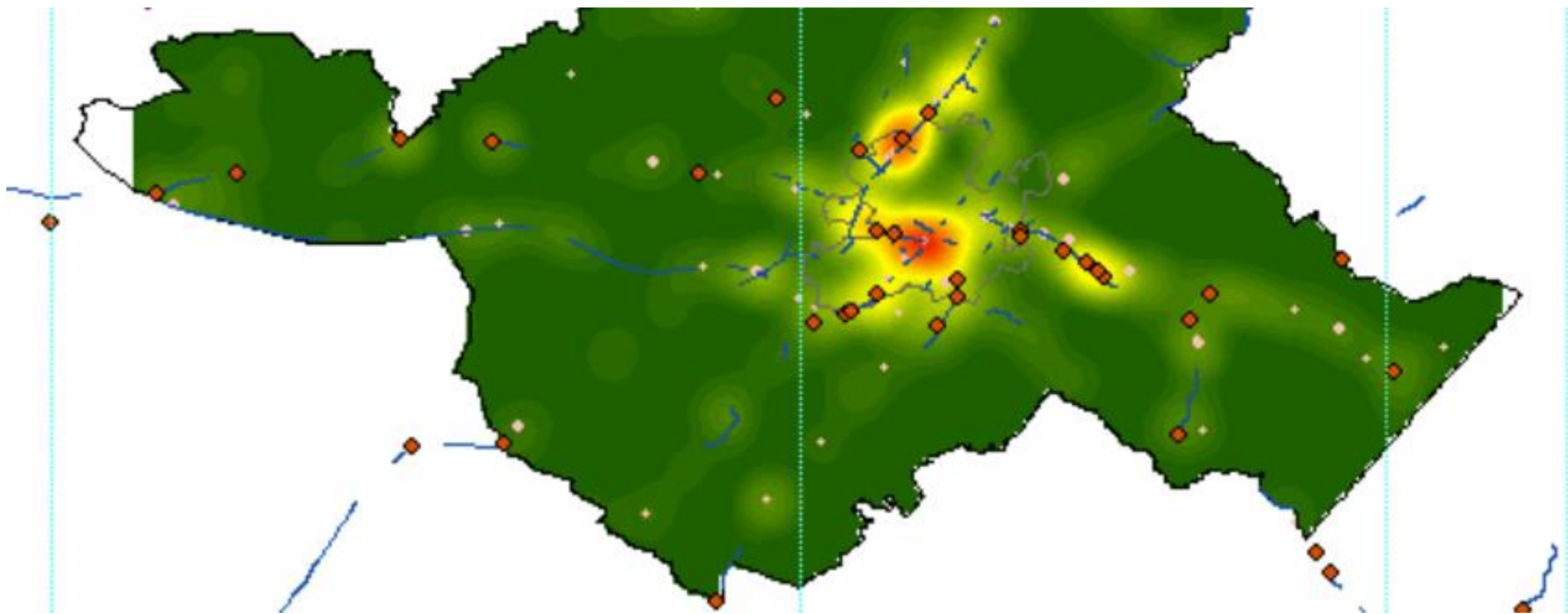
Source: Division of Motor Vehicles; Virginia Department of Transportation

	2021	2020	2019	2018	2017	2016	2015	% change 2015-21	7 yr annual rate	7 yr average	totals	% of total
K People	15	15	14	8	7	8	8	88%	0.125	10.71	75	0.5%
A_People	123	169	144	128	93	85	72	71%	0.101	116.29	814	5.4%
B_People	240	190	264	257	639	671	718	-67%	-0.095	425.57	2979	19.8%
C_People	999	824	831	749	185	157	189	429%	0.612	562.00	3934	26.2%
Persons_Injured	1362	1183	1239	1134	917	913	979	39%	0.056	1103.86	7727	51.4%
Pedestrian	3	4	2	0	0	2	1	200%	0.286	1.71	12	0.1%
Pedestrian_1	21	22	25	36	46	43	41	-49%	-0.070	33.43	234	1.6%
Vehicle_Count	3712	3225	4495	4289	4100	4207	4149	-11%	-0.015	4025.29	28177	
Collisions	1997	1795	2374	2254	2171	2253	2196	-9%	-0.013	2148.57	15040	100.0%
Bicycle	17	20	28	21	18	11	18	-6%	-0.008	19.00	133	0.9%

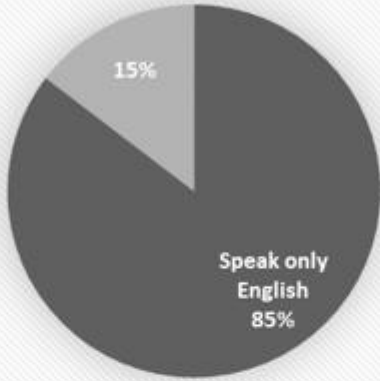




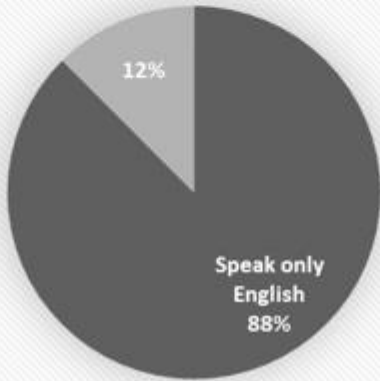




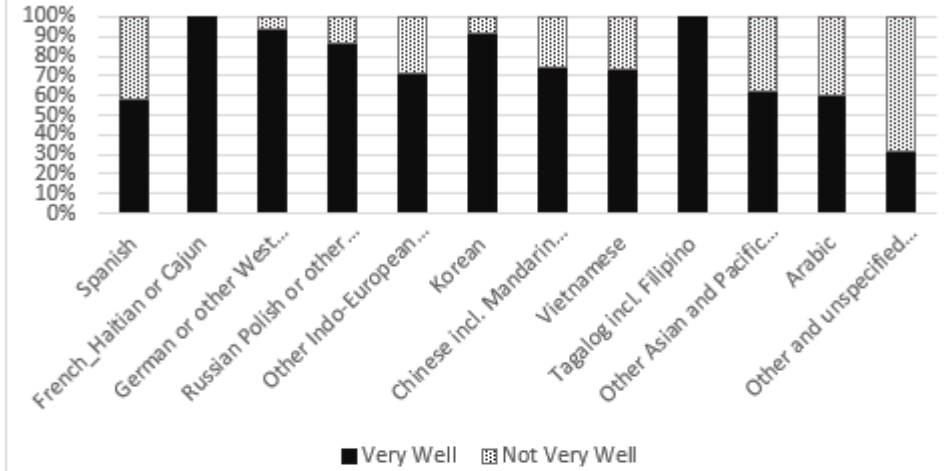
### Charlottesville - Speak only English



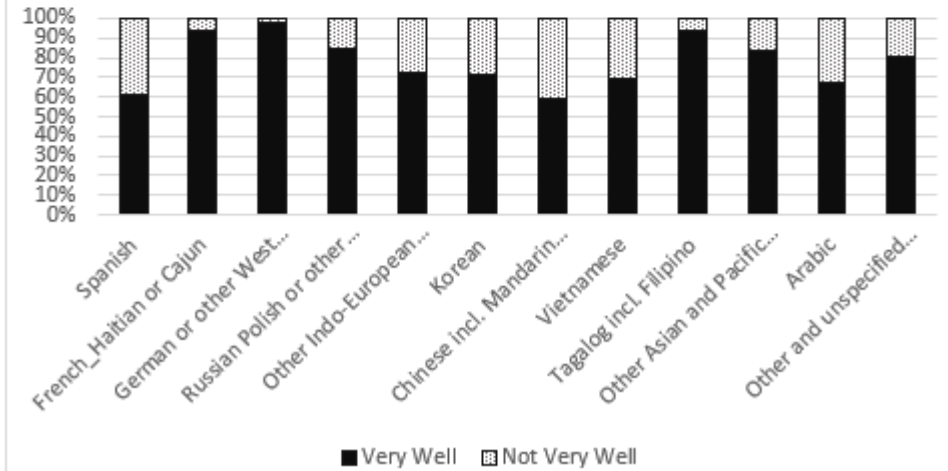
### Albemarle - Speak only English



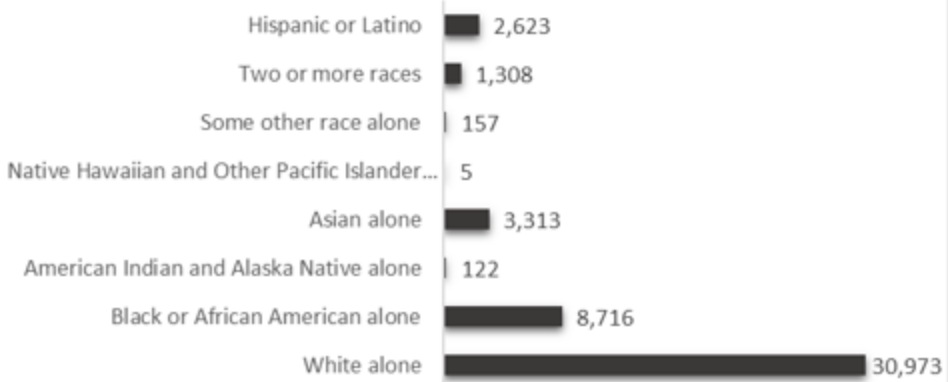
### Charlottesville - English Proficiency



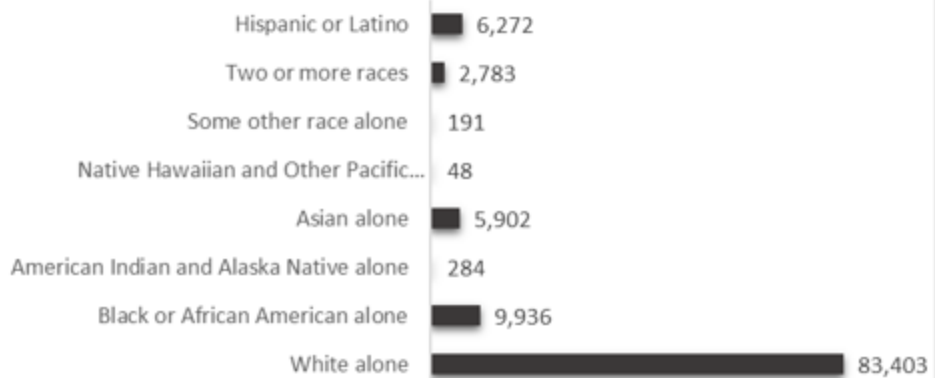
### Albemarle - English Proficiency



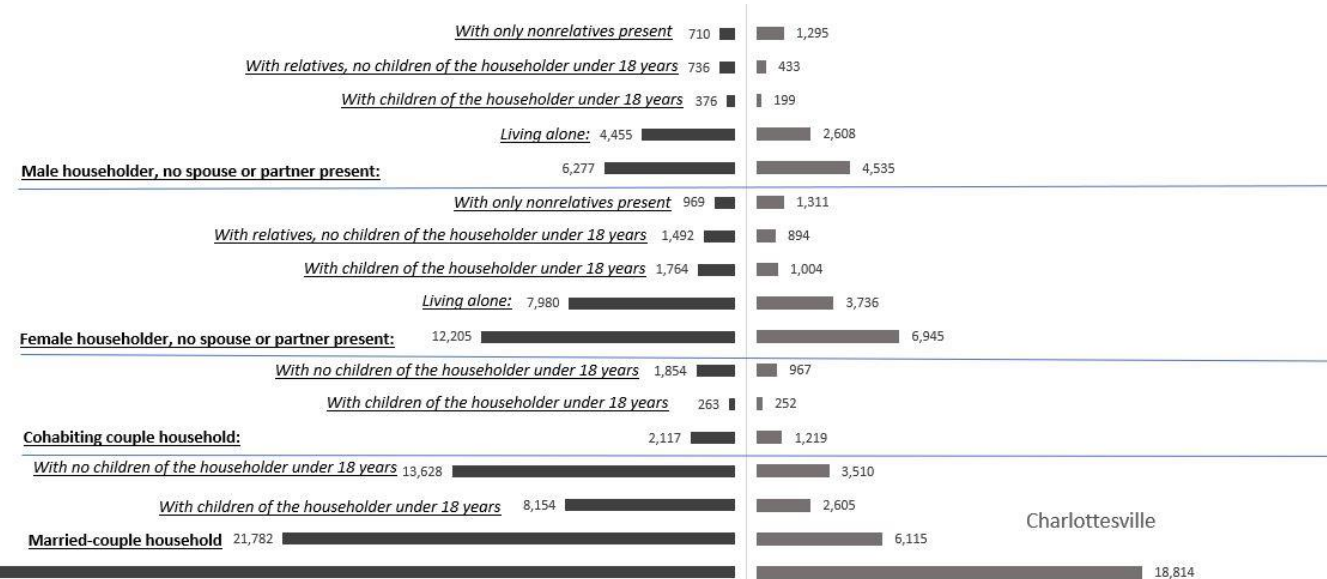
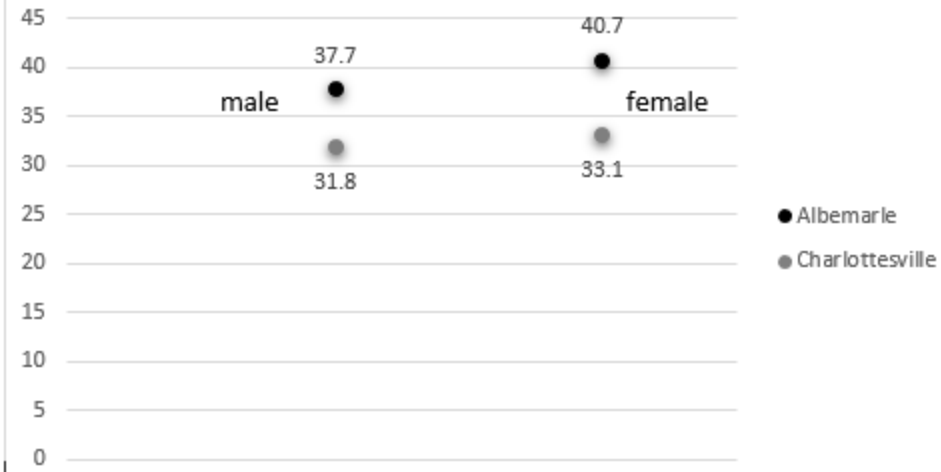
## Race Charlottesville



## Race Albemarle



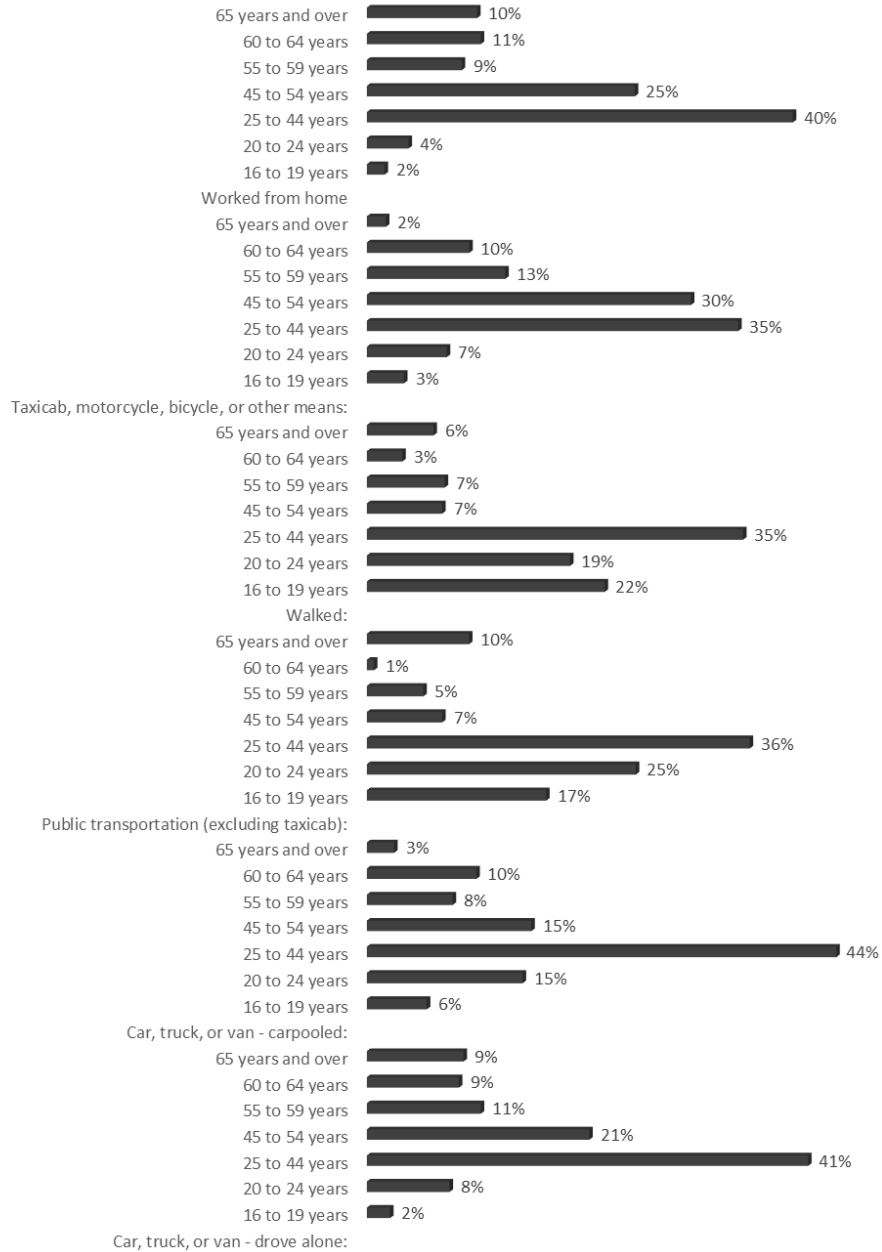
## Median Age by Sex



Albemarle

Charlottesville

### Means to Work by Age Albemarle



### Means to Work by Age Charlottesville

