

## West Virginia Electric Auto Association Out-of-State EV Travelers' Survey Results

The web-based survey received 69 total responses between June 10 and July 15, 2020. Respondent IP addresses were logged and most voluntarily provided ZIP Codes and email addresses. The survey was distributed to nearby state chapters of the Electric Auto Association (when contact info was available and accurate) as well as through social media channels such as Twitter and Facebook. The raw data can be made available upon request.

### Have you ever driven a route around West Virginia due to a lack of CCS/CHAdeMO EV charging?

Yes: 39

No: 30

### Rank the top three locations where you would like to see high speed CCS/CHAdeMO charging available or specify other location that would be useful to you. (sorted by score highest to lowest)

City	1 <sup>st</sup> Choice (50 pts)	2 <sup>nd</sup> Choice (35 pts)	3 <sup>rd</sup> Choice (15 pts)	Weighted Score	Percent of Total
Charleston	26	16	8	1,980	31.1%
Beckley	17	12	7	1,375	21.6%
Morgantown	12	9	9	1,050	16.5%
Huntington	1	9	11	530	8.3%
Weston*	3	4	6	380	6.0%
Flatwoods*		6	6	300	4.7%
Parkersburg	3	2	3	265	4.2%
Martinsburg	2	3		205	3.2%
Point Pleasant	1			50	0.8%
Circleville	1			50	0.8%
Lewisburg	1			50	0.8%
White Sulphur Springs		1		35	0.5%
Harpers Ferry			1	15	0.2%
Bluefield			1	15	0.2%
Fayetteville			1	15	0.2%
Buckhannon			1	15	0.2%
Summersville			1	15	0.2%
Summit Point			1	15	0.2%
Snowshoe			1	15	0.2%
<p>Respondents also made other suggestions (not ranked) which included: Seneca Rocks, Clarksburg, the I-68 Welcome Center if it supports East and West flowing traffic, and Alexander.</p> <p>* Given the proximity of Weston and Flatwoods, combining the scores of each would make it the fourth most chosen locale.</p>					

### Have you ever traveled with your EV in West Virginia?

Yes: 36

No: 33

### If yes, for what purpose? (respondents could choose more than one option)

Visit Family: 14

Traveling through: 13

Vacation: 11

Business: 8

Other: 5

### What nearby state do you leave when traveling to or through West Virginia?

Virginia: 14

Ohio: 13

North Carolina: 12

Maryland: 11

Pennsylvania: 10

Tennessee: 4

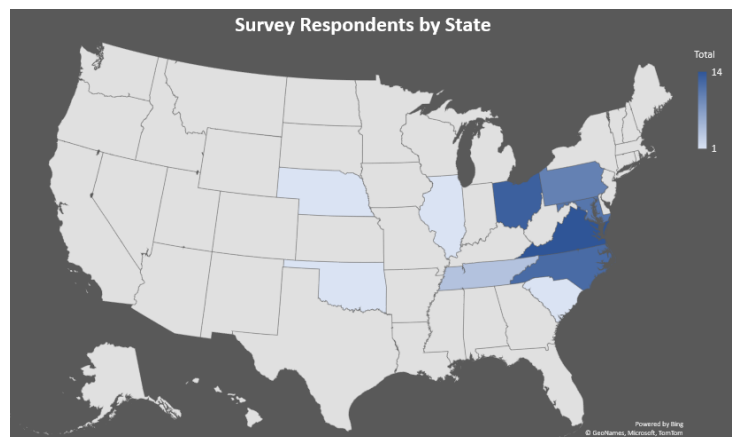
South Carolina: 1

Nebraska: 1

Illinois: 1

Oklahoma: 1

Other (Canada): 1



### What brand long range, battery electric vehicle(s) do you drive? (respondents could choose more than one)

Chevrolet: 47

Tesla: 14

Nissan: 6

Hyundai: 2

Kia: 2

Other: 3

**Any other suggestions or comments you'd like to share?**

<b>ZIP Code</b>	<b>Comments</b>
27344	<i>Thanks for asking for input.</i>
20850	<i>We do not drive our EV to visit family in WV because there are no public CCS DCFC facilities in the entire state (the Harley-Davidson outside Morgantown doesn't count).</i>
24301	<i>I appreciate your efforts to get additional charging stations in WV. I live in Pulaski VA and it would be great to have options to charge when traveling north.</i>
37664	<i>Tamarack would be perfect for us even for a Tesla Level 2 charger. I have tried several times with no luck. But thanks to a number of SuperCharger options we now skip Tamarack.</i>
45341	<i>We need more charging in West Virginia. Thanks.</i>
29640	<i>My wife and I would like to take a road trip that includes W VA but of course haven't been able to do so. It would be great if Electrify America or some other charge company would populate W VA with DCFCs.</i>
28625	<i>Planning trip to Dayton, OH but currently must overnight at a Hampton Inn (Teays Valley, WV) with Level 2 charger to make the trip.</i>
28804	<i>The more you can evenly space the better. And put them in safe, well-lit places.</i>
33604	<i>Charleston, WV is in dire need of a DC fast charger.</i>
98284	<i>We plan to drive from Washington to Massachusetts and golf along the way in several states including Ohio, West Virginia, Virginia, North Carolina, Pennsylvania, New York, and all of New England. We have postponed our trip due to Covid-19.</i>
80125	<i>WV and WY are the only two states in the lower 48 that have only a single CCS DCFC station in the entire state. Both of those are 25 kW chargers at Harley-Davidson dealers. While I now live in CO, I travel back to MD, PA and VA on a regular basis but have to go around WV.</i>
44833	<i>The 150-amp-and-up chargers are a huge improvement over the old 125-amp chargers. That extra 20% is the difference between a bathroom break plus 10 minutes (150-amp) and a bathroom break plus 20 minutes (125-amp).</i>
37918	<i>I'm dumbfounded that travel centers on the WV turnpike lack any chargers. Same with Tamarack. Look at Oklahoma as a model for what can be done in a rural state.</i>
44130	<i>We have family in Huntington and have previously vacationed in White Sulphur Springs for reunions. It's a spot my family would enjoy returning to, but the location is not suitable for EV driving at this point, so we typically choose destinations in neighboring states. We look forward to bringing business to the state when charging infrastructure is better developed.</i>
22902	<i>The lack of level 1 chargers is shocking in WV. I support and encourage as much development as possible in correcting this error.</i>
90210	<i>West Virginia needs to pull its head out of its ass.</i>
44118	<i>I'd love to see DC Fast Chargers at routes along campsites/hiking trails for drivers coming out of state. It'd also be great to see multiple chargers at each location.</i>

No Zip Provided	<i>It's the journey, not the destination, and having the ability to slow down, plug in to AC charging and explore West Virginia, its splendor and its wonderful people. Yes, having DCFC along highways and towns will be great, but what very much matters is accessible destination AC charging and West Virginia has done a great job.</i>
20194	<i>Visiting family in Kentucky, coming from Virginia, is not possible in a non-Tesla EV. I have a 150-mile range Nissan Leaf. Please do this!</i>
43221	<i>Good luck on expanding charging! Really enjoy visiting WV</i>
45212	<i>I live in Cincinnati and have family in Charleston. It would be good to have a charger in the middle of the journey. We would be able to use regular outlets to charge overnight when we arrive.</i>
28075	<i>The lack of CCS infrastructure in WV is a big reason why I haven't been able to take my EV on a trip up to WI. It's really weird that there isn't any fast chargers in WV.</i>