

AEA EV Working Group Technical Session

DMV Data Wish List

NEVI Program Update

- **Currently on hold for future obligations**
 - We have obligations for planning and preliminary design, but not construction
- **DOT&PF continuing to advance Phase 1 projects to shovel ready status**
- **Suspension of approvals for all NEVI Plans (FY 22-25) by FHWA**



State of Alaska Electric Vehicle Infrastructure Implementation Plan FY25



NEVI Looking Forward

- FHWA updating the NEVI Formula Program Guidance
- **Estimated Schedule:**
 - Draft Guidance: April 1
 - Public Comment Period: April 1 - May 1
 - Finalized Guidance: June 1
 - States draft new NEVI Plans: June 1 - September 1
 - FHWA Reviews NEVI Plans: September 1 - November 1
 - Earliest Estimated Approval Date: November 2025

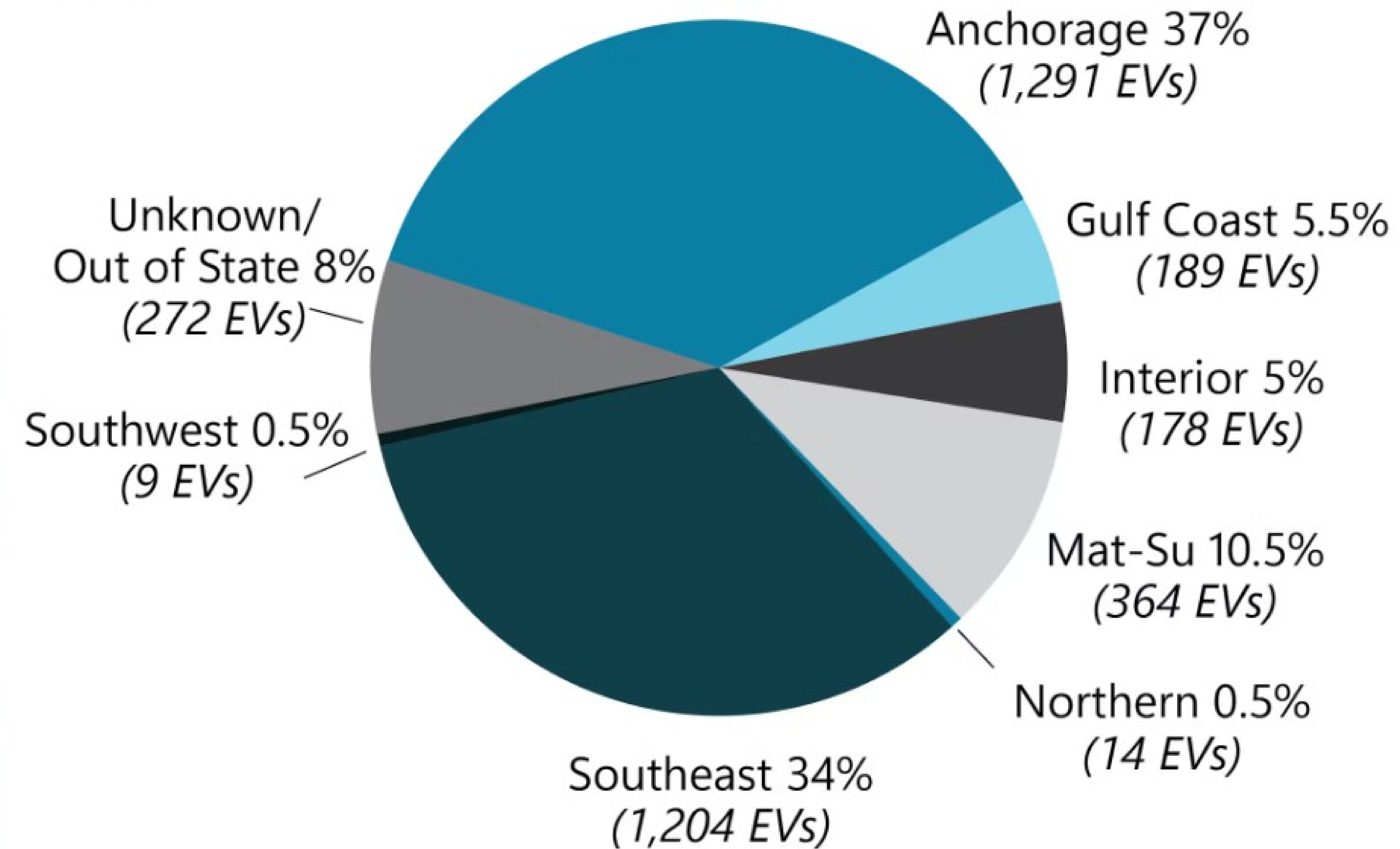
DMV Data Wish List

Current DMV Data

- **MOU with the DMV**
 - Prevents distribution of personal data
- **Currently tracking:**
 - # registered vehicles, BEVs, PHEVs
 - % BEV and PHEV penetration
 - # BEVs and PHEVs per region, borough, and city
 - # BEVs and PHEVs by vehicle class
 - # BEVs and PHEVs by manufacturer
- **Lots of raw data available**
 - For example, boats, trailers, etc.

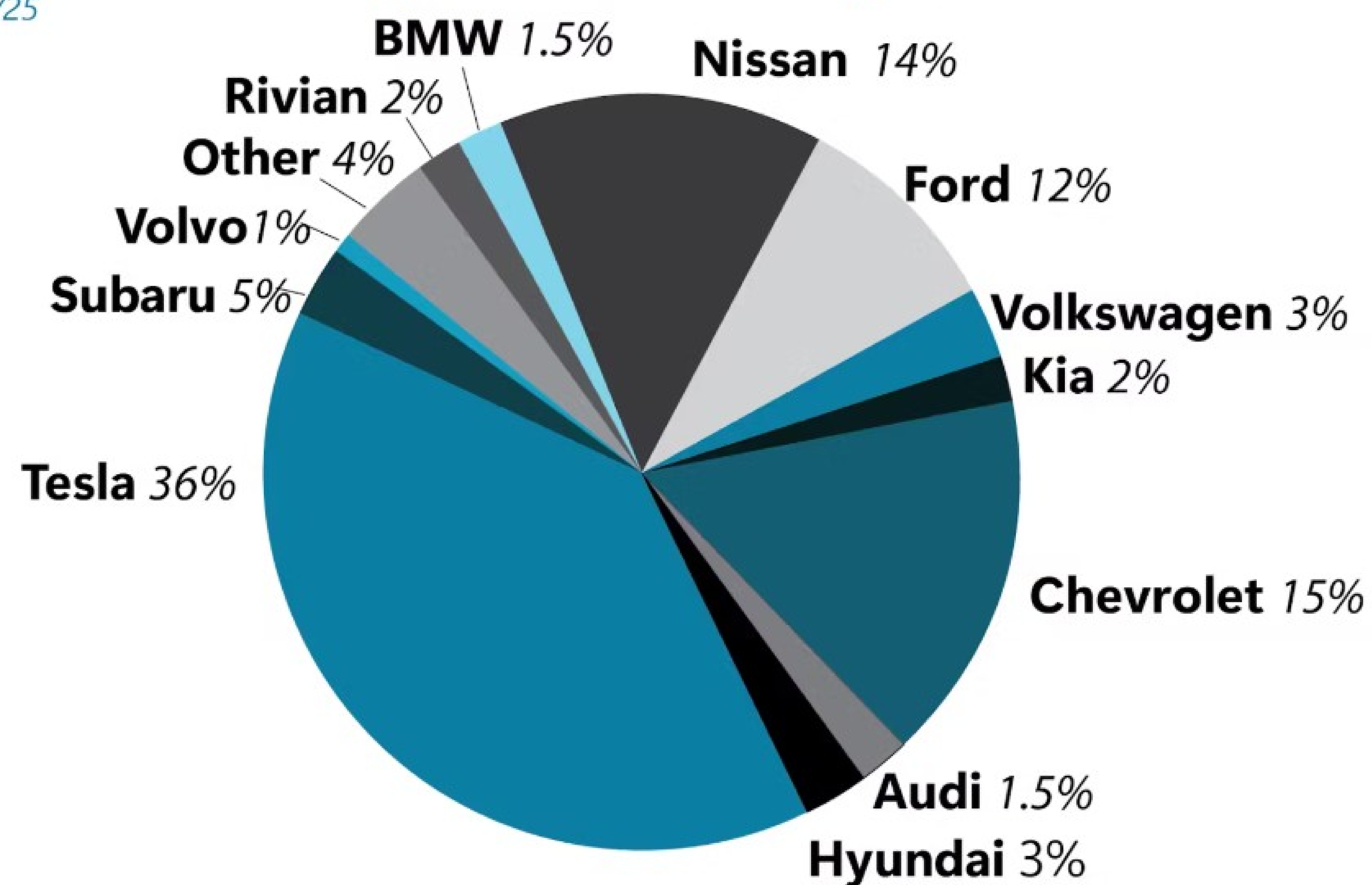
Alaska EV Registration by Region

As of 1/31/25



Alaska EV Registration by Manufacturer

As of 1/31/25

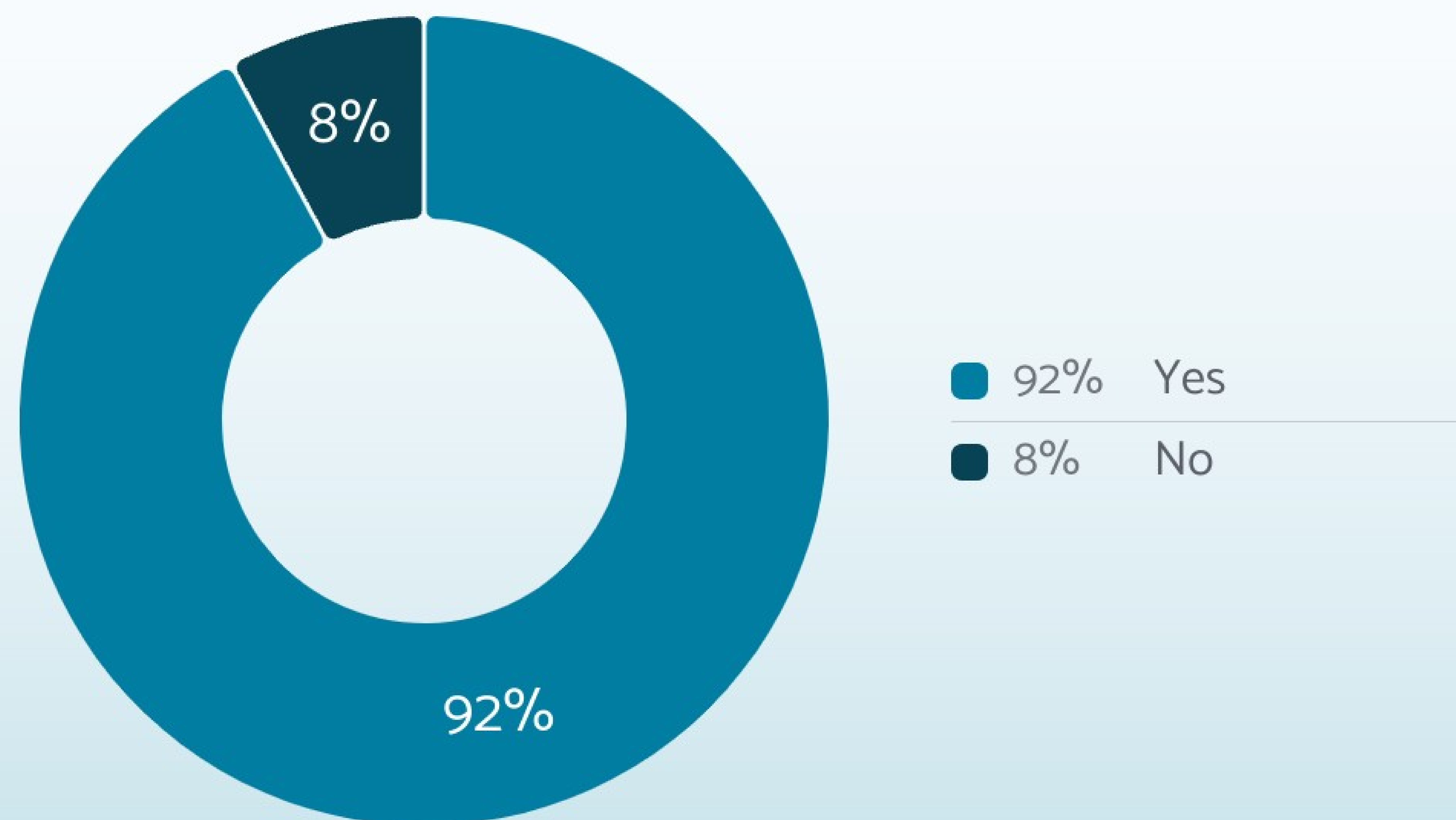


Dashboard Demonstration

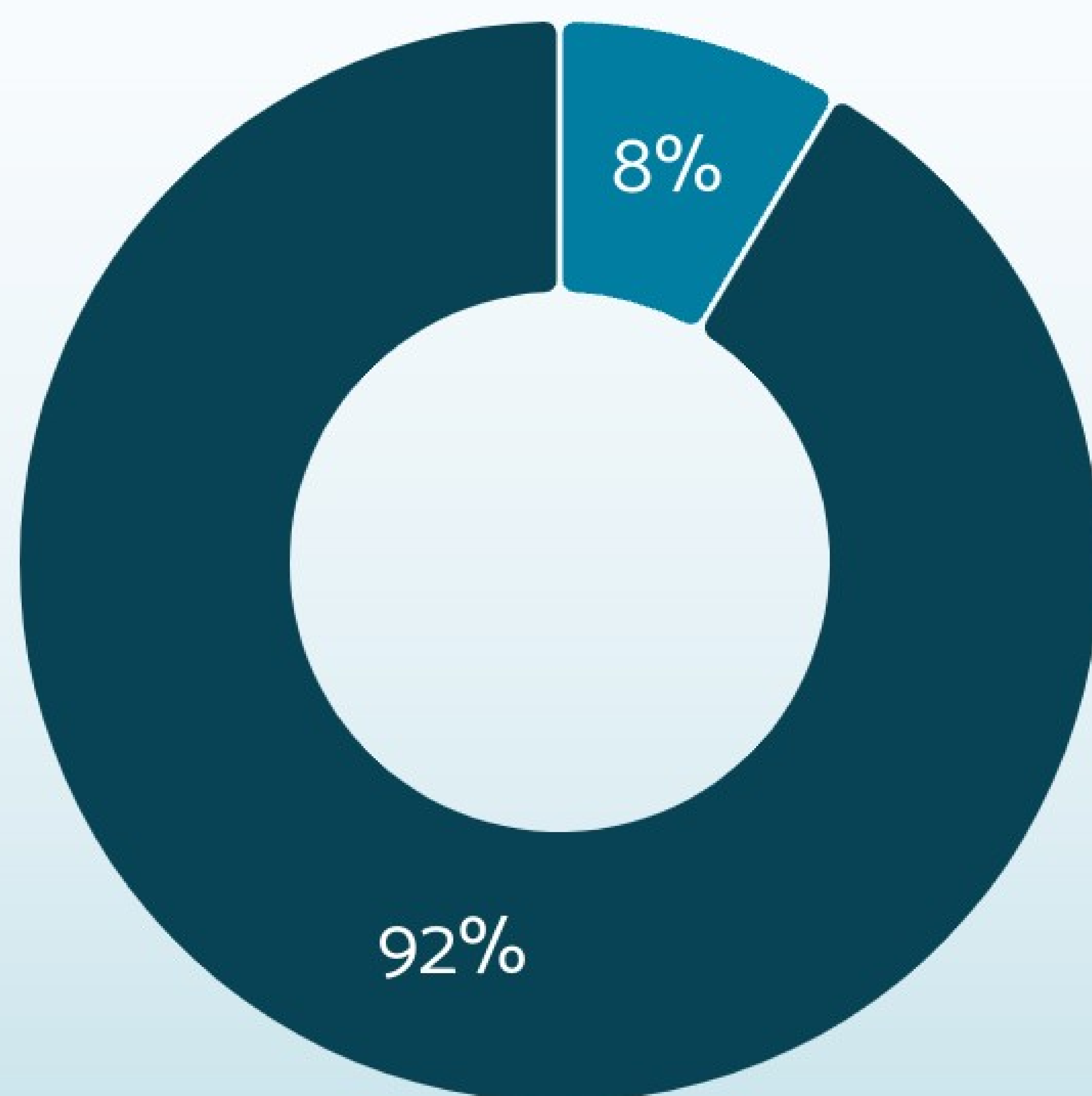
Instructions



Do you look at EV data as part of your job/hobby?



If so, do you feel like you have all the data you want/need?



- 8% Yes, I have all the data!
- 92% No, I could use more.

Where do you currently get your data?

AEA

AEA, AFDC

AEA, ACEP, other vehicle owners

S&P Global, DMV, DOT

AEA

Alaska Geoportal

Chugach Electric Association;
Alaska Energy Authority;
DOE's Alternative Fuel Data Center

DMV

Where do you currently get your data?

AEA

EIA

Cox Auto

AEA, crowdsourced, self-collected

DMV

Public websites of
charging infrastructure

From a number if different
sources, WSDOL, and WA
department of Commerce,
some DOE AFDC (not great).
maps

AEA

Where do you currently get your data?

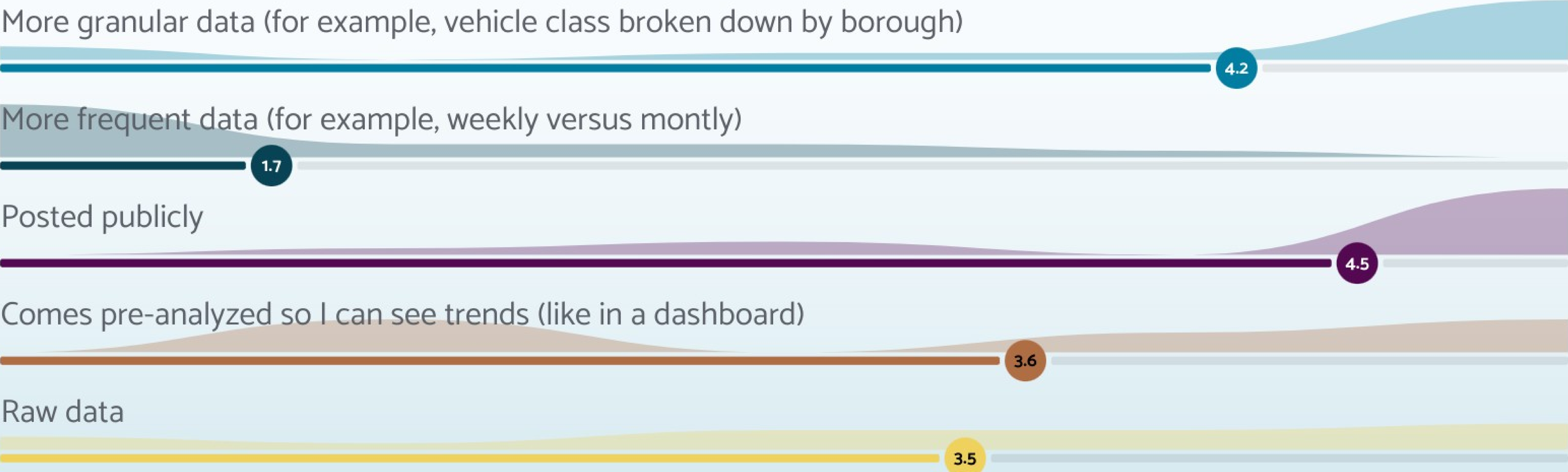
Argonne National lab

S&P

Plugshare

BNEF

On a scale of 1-5, how would you feel about these types of changes?



Ehh... doesn't really matter This would be great!

What's missing from our current data analysis?

Vehicle class and type

New vs used

Per-capita registration data

More granular

Connections between all the dashboard/portals being developed in the state.

Vessel registrations by DMV.

New/ Used and model and year. Make sure all new models are added (or set up process to do so)

Number of evs compared to total number of vehicles

What's missing from our current data analysis?

Highway traffic data

Registration and growth trends over time

Vehicle age

Vehicle year. Publicly available quarterly/annual numbers at borough level showing 5-10 year trends.

Model type and year

While it is beyond the "EV" topic, if we as a state can also report on vehicle registration by fuel types (CNG, Propane, H2, Electric, Diesel, etc.)

Open Discussion

DMV Data Wish List

