

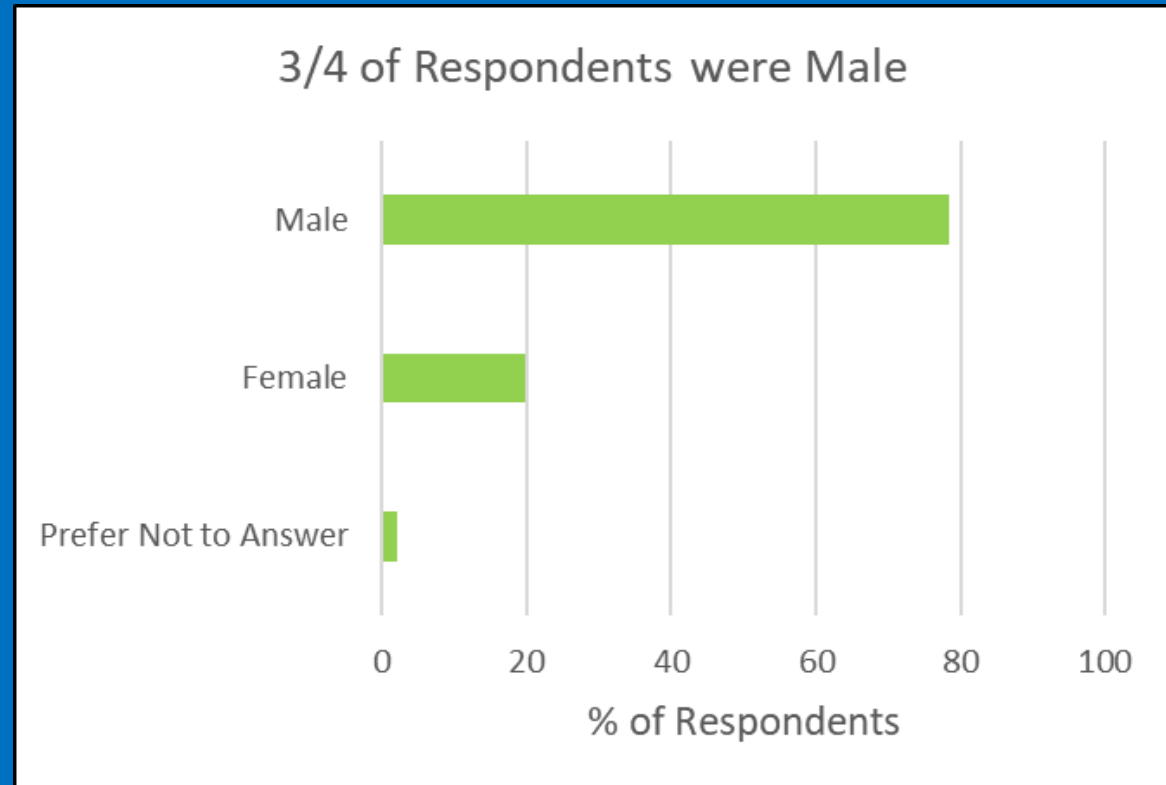
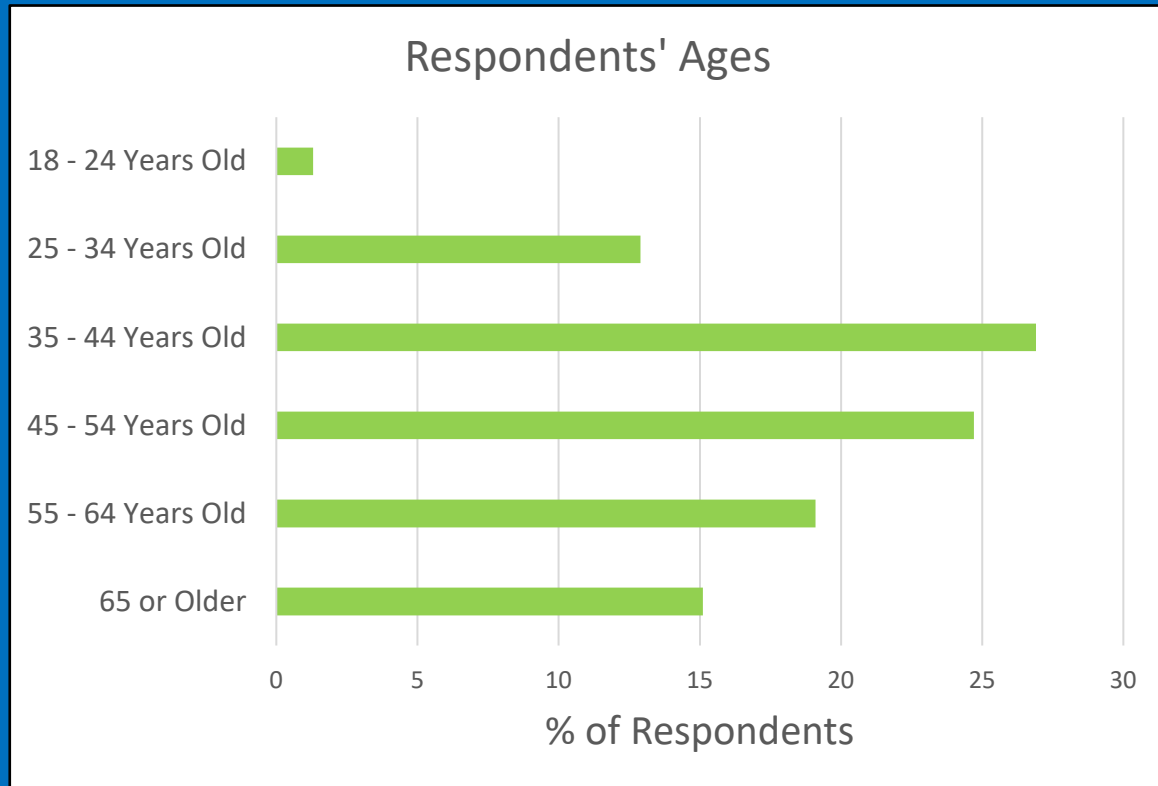
# TxETRA's 2021 EV Driver Survey

- Developed by TxETRA with Assistance from Opinion Analysts & Austin Energy
- Hosted Online by Austin Energy 3/9-3/25, 2021
- Publicized by TxETRA and Partners
  - Austin Energy
  - EV-related Organizations
  - Organizational Allies
- Data Analysis by Opinion Analysts



# Survey had Over 1000 Responses

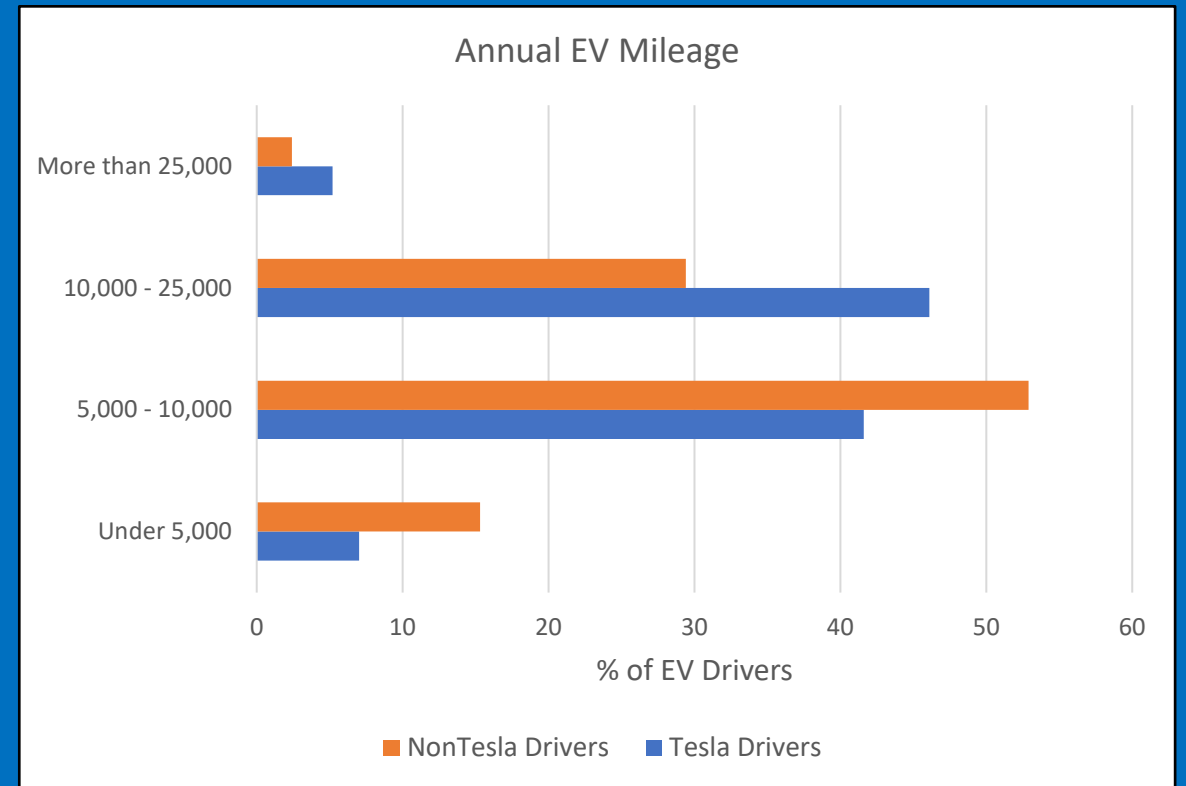
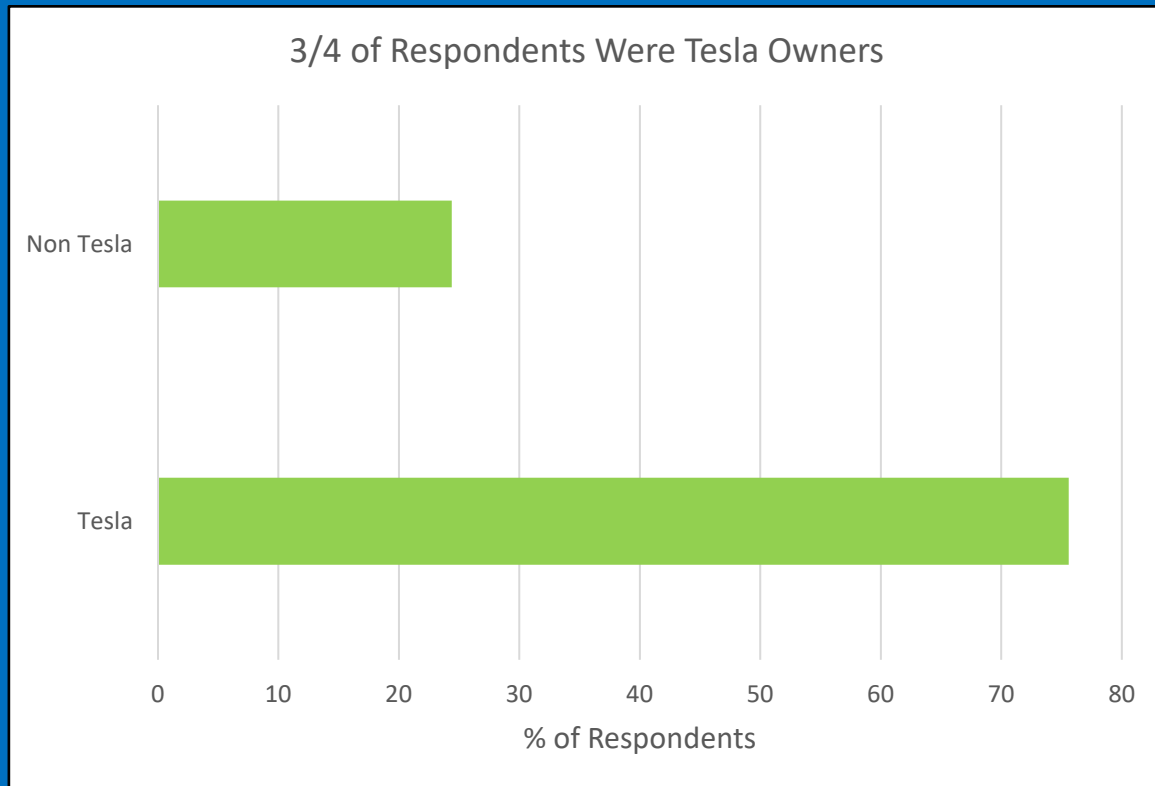
## *2%-3% of All Texas EV Drivers*



13% of Texas Zip Codes Represented



# Portion of Tesla Drivers Responding *In Line with Portion of Tesla's in U.S.*

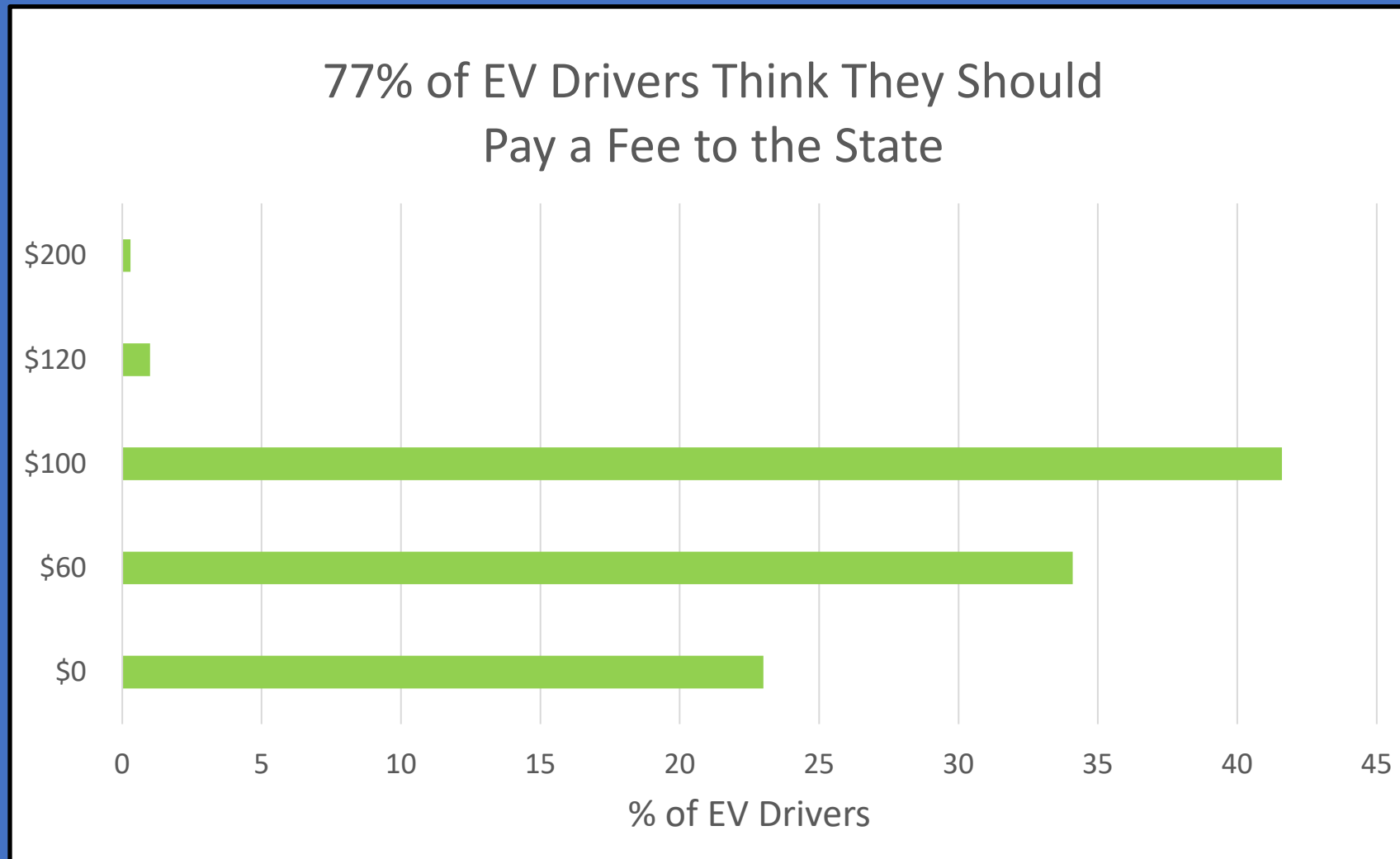


# About the Survey Respondents

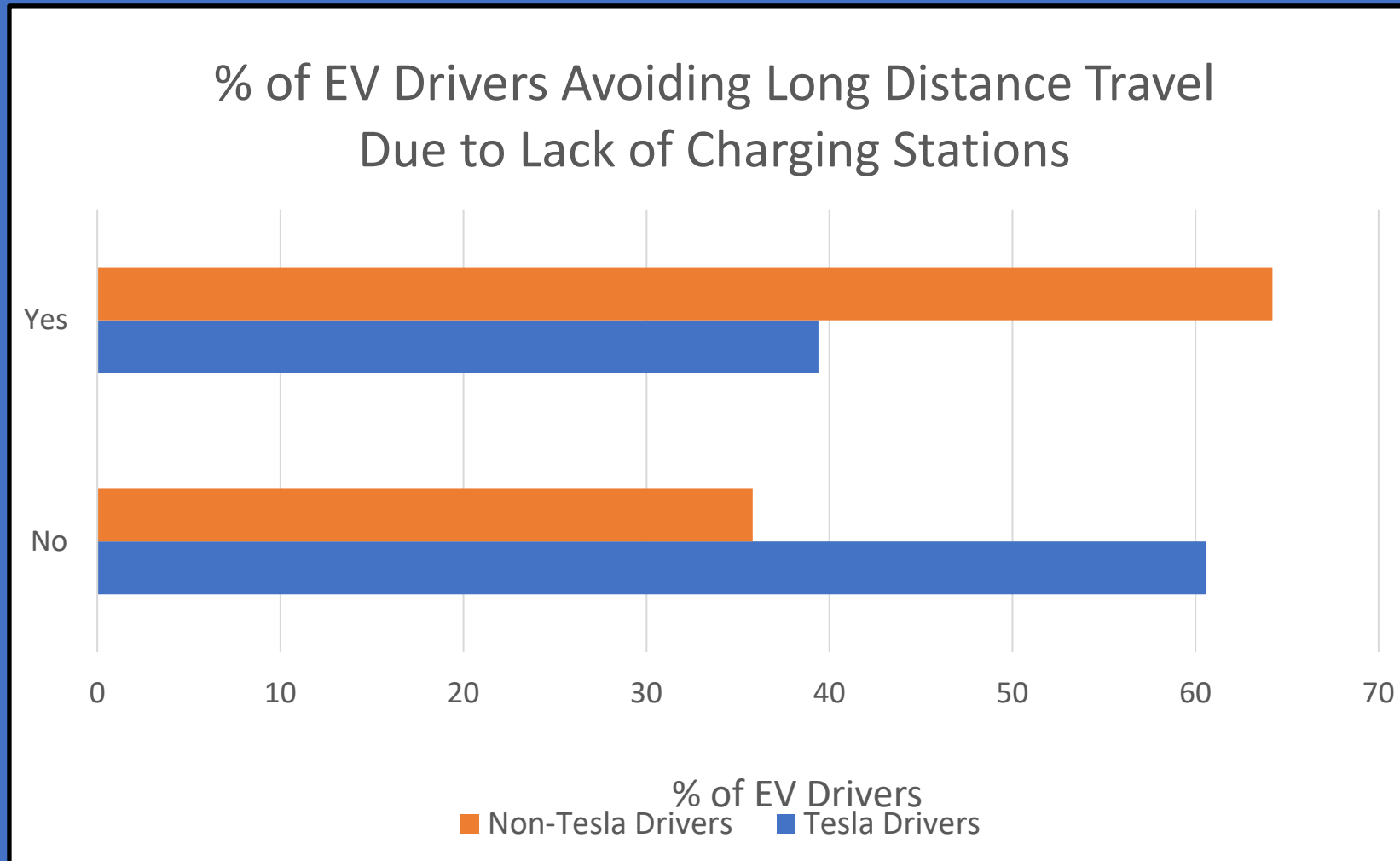
- 95% Charge at their Residence
- 94% Experience Fuel Cost Savings
- 95% Experience Maintenance Cost Savings
- *They've reached the Point of No Return*  
Less than 1% Likely to Revert to ICE Vehicle



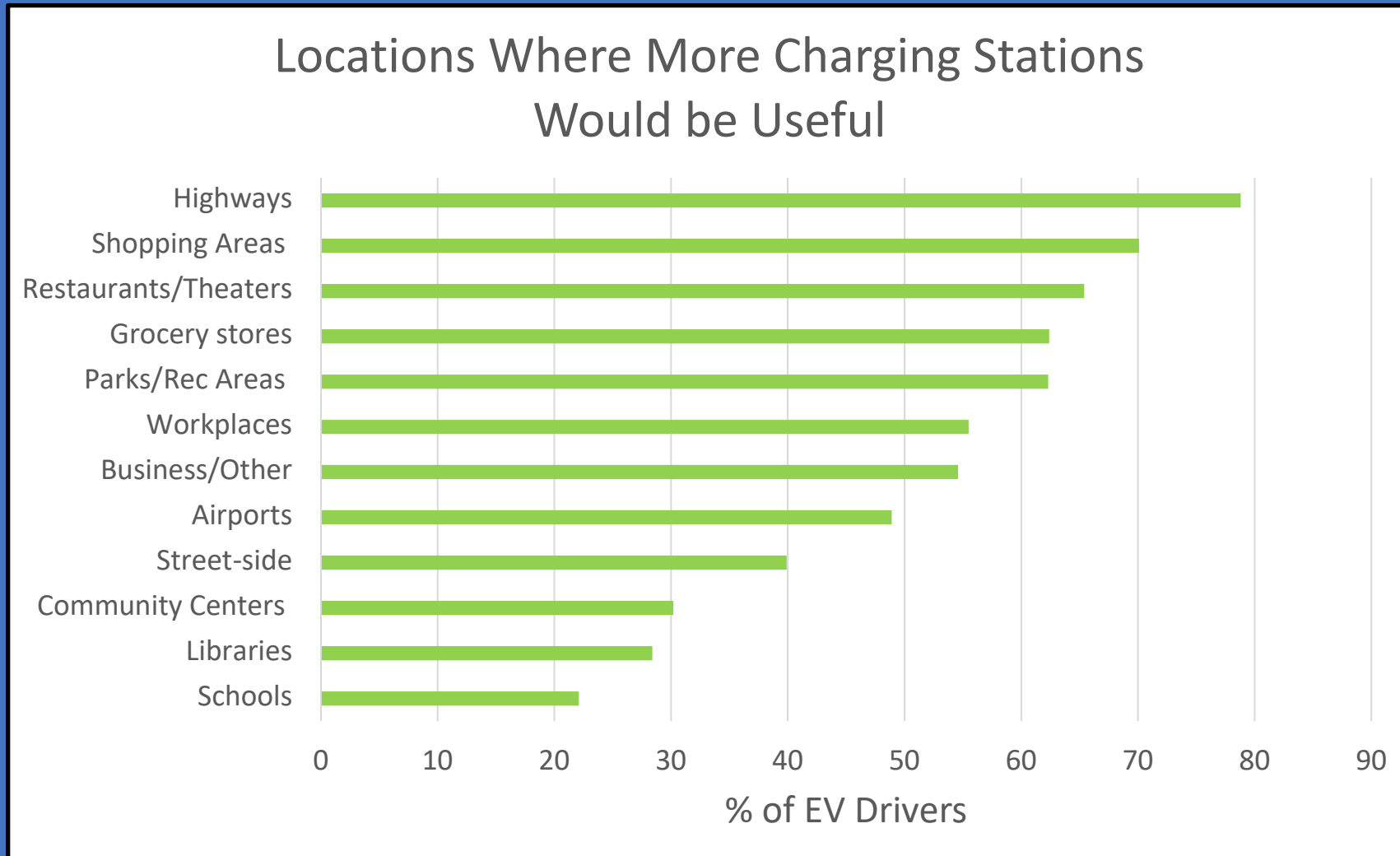
# Should EV Drivers Pay a Fee to the State to Replace Gas Tax?



# The TTEC will Address the Need for a Border-to-Border Charging Network

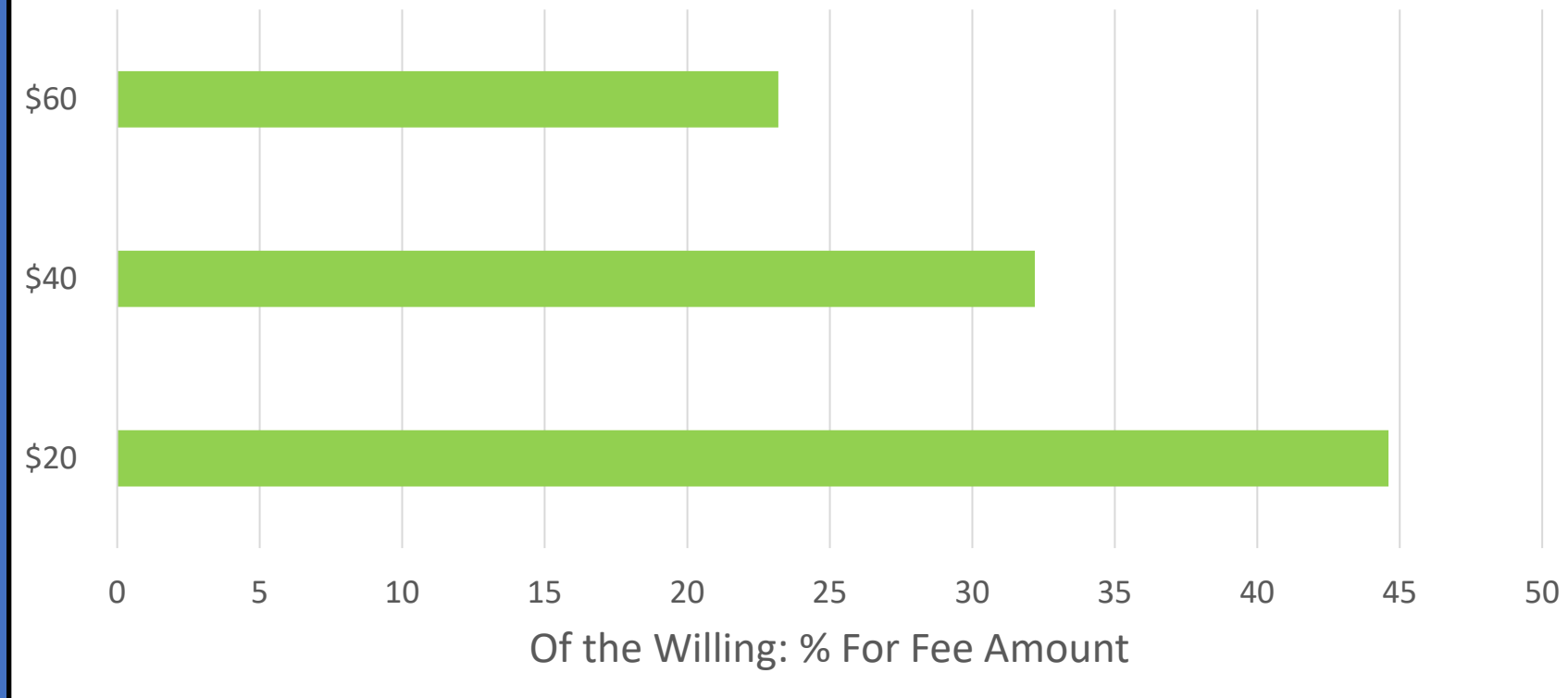


# A Need for More Charging Station Locations



# Funding Additional Charging Stations

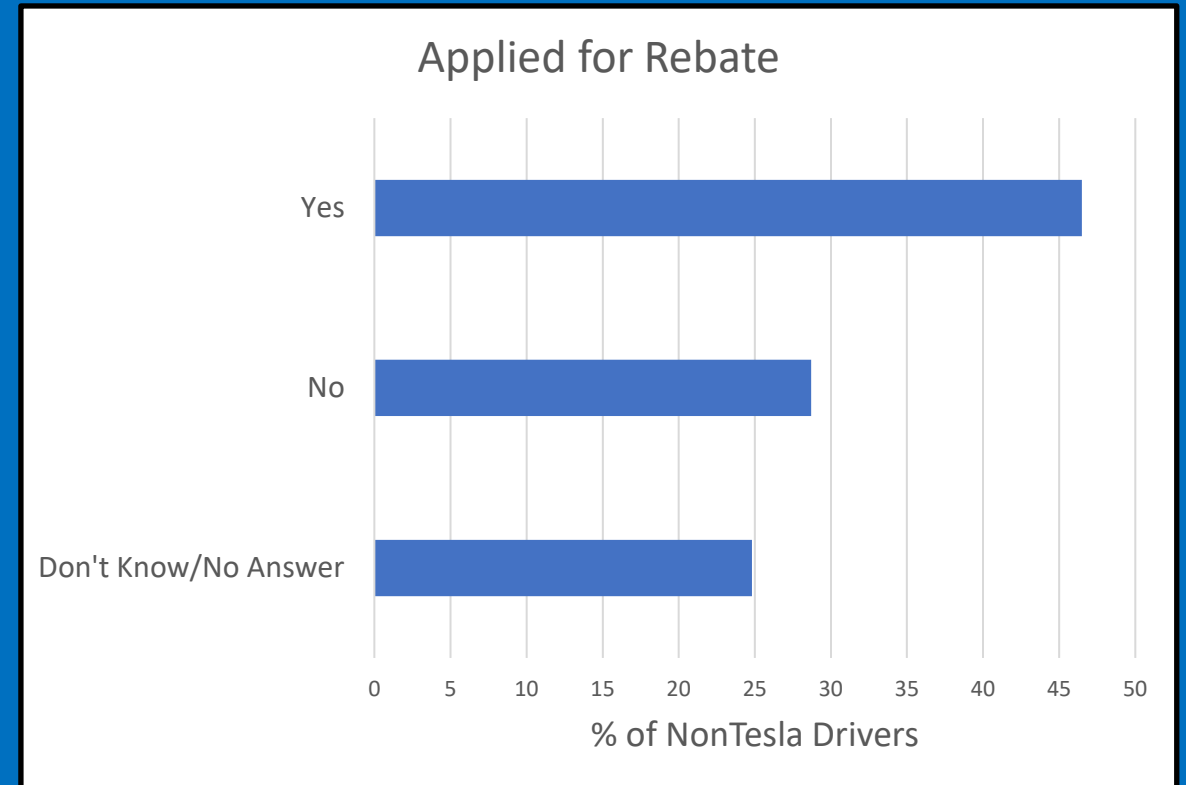
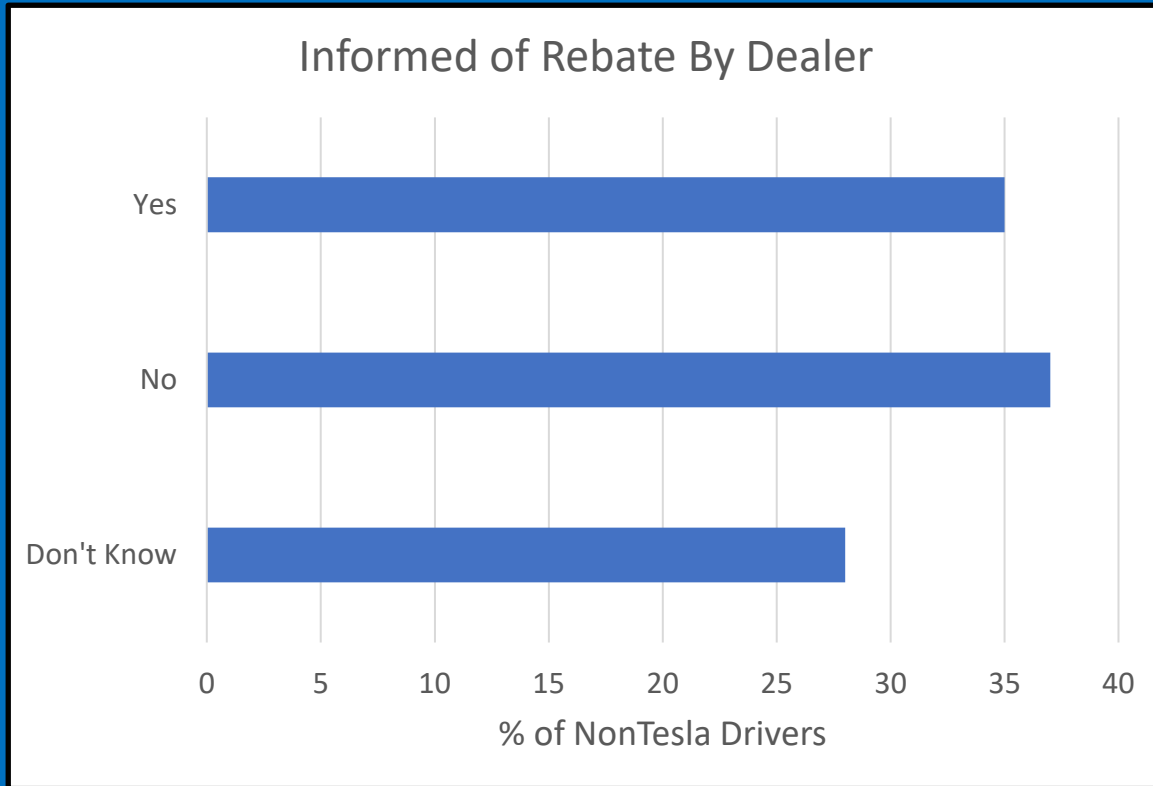
2/3 of EV Drivers are Willing to a Pay Fee for  
4 Years to Develop Border-to-Border  
Charging Network in Texas



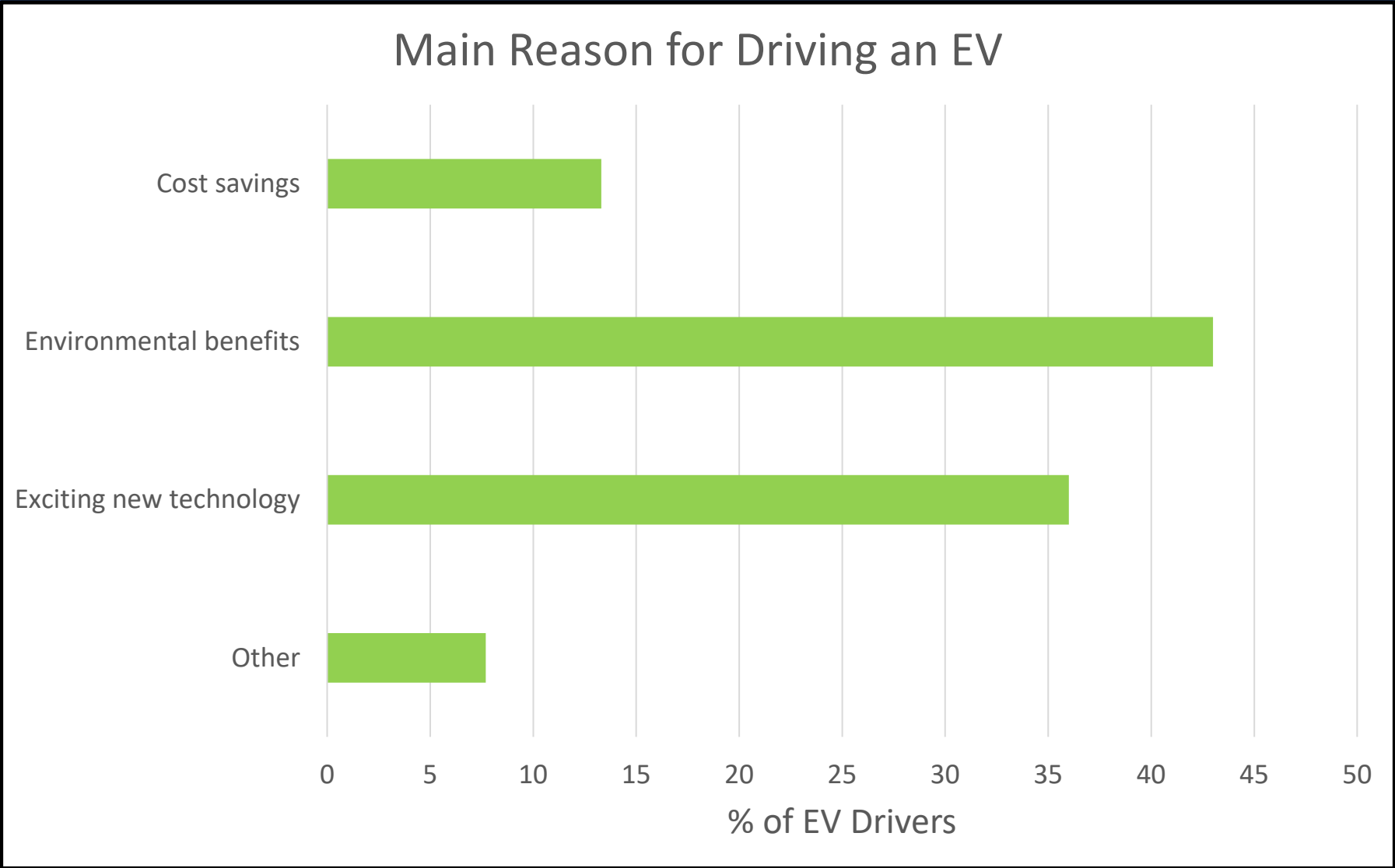


# Experience with TERP Rebates

## *Non-Tesla Drivers*



# Respondents Split on Why They Drive an EV



# Main Reasons Varied Across EV Driver Populations

Age Differential	18-24	65 & Up
Cost savings	23%	10%
Environmental benefits	15%	51%
Exciting new technology	62%	28%
Other	0%	12%

Gender Breakdown	Male	Female
Cost savings	14%	12%
Environmental benefits	39%	58%
Exciting new technology	39%	24%
Other	7.90%	6.00%

Brand Breakdown	NonTesla	Tesla
Cost savings	17%	12%
Environmental benefits	60%	38%
Exciting new technology	16%	43%
Other	8%	8%



# Main Reasons Varied Across EV Driver Age

<b>Age Differential</b>	<b>18-24</b>	<b>25-34</b>	<b>35-44</b>	<b>45-54</b>	<b>55-64</b>	<b>65 &amp; Up</b>
Cost savings	23%	15%	14%	14%	12%	10%
Environmental benefits	15%	37%	41%	43%	46%	51%
Exciting new technology	62%	46%	37%	36%	33%	28%
Other	0%	2%	8%	8%	8%	12%



# Other Reasons Given for Driving an EV

