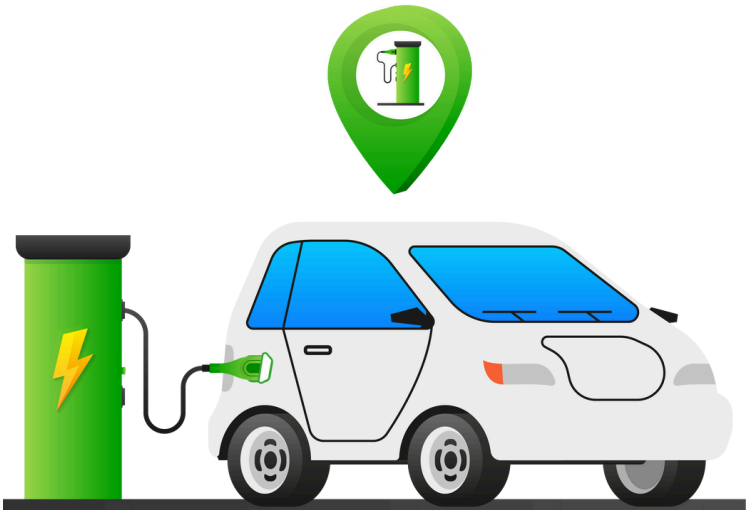
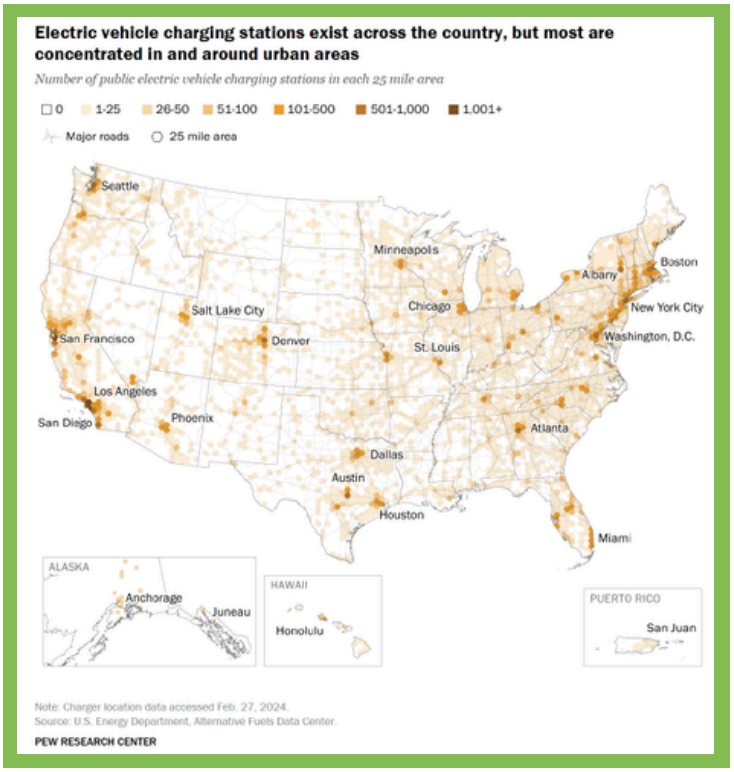
Making the Case for Electric Vehicle Charging Stations

While 80% of EV charging is done at home,[1] it is also important to note that not everyone lives near public EV charging stations (60% of urban residents compared with 17% of rural residents), [2] as a result there will always be a need to charge away from home when driving longer distances or taking long trips.



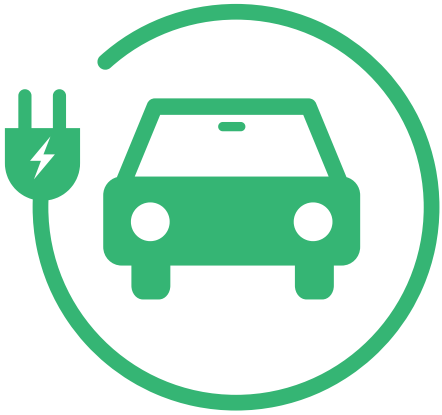


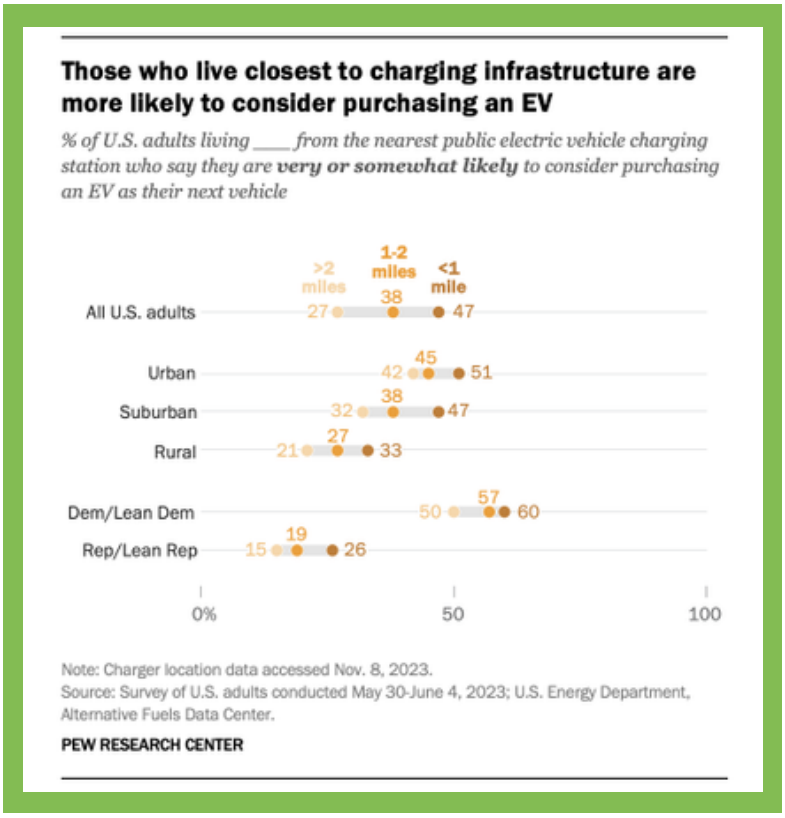
How does this benefit libraries?

By providing EV charging stations, libraries can attract environmentally conscious residents, visitors, and employees. This can enhance the library's innovative image as a sustainable and forward-thinking part of the community.

Centrally located and with longer visit durations, libraries make convenient EV charging hubs, allowing patrons to charge their vehicles while browsing books, using computers, or attending events.

Offering EV charging at libraries aligns with our role as community centers promoting education and progress, showcasing a commitment to environmental responsibility. This is further enhanced by incorporating educational signage [3] and teaching opportunities about EVs and sustainability, making the library a hub for charging and learning.





EVs' zero tailpipe emissions improve air quality, reduce carbon emissions, and lessen respiratory problems, acid rain, and greenhouse gases —creating a healthier environment and potentially lowering healthcare costs.[4] **Library EV charging stations encourage EV use, directly reducing air pollution around the library.**

[1] https://www.esri.com/arcgis-blog/products/arcgis-living-atlas/decision-support/tracking-the-adoption-of-electric-vehicles-in-the-u-s/
[2]https://www.pewresearch.org/data-labs/2024/05/23/electric-vehicle-charging-infrastructure-in-the-u-s/
[3] sample educational signage https://www.zap-map.com/sites/default/files/styles/metatag_default/public/media/image/2024-01/ECAR-MCOOPER09-1024x683.jpg
[4]https://dec.ny.gov/environmental-protection/air-quality/controlling-motor-vehicle-pollution