What’s driving electric vehicle uptake?
Electric vehicle uptake by U.S. metropolitan area

Where are electric vehicle shares (as percent of auto sales) highest?

And what electric vehicle activities are linked with greater uptake?

See: http://www.theicct.org/leading-us-city-electric-vehicle-2016

Preliminary 2017 results, 2016 vehicle registration data from IHS Automotive
Electric vehicle uptake and underlying factors

Leading markets tend to have more extensive public charging, more EV models, greater consumer incentives, and more local promotion actions.

See: [http://www.theicct.org/leading-us-city-electric-vehicle-2016](http://www.theicct.org/leading-us-city-electric-vehicle-2016)
Preliminary 2017 results, 2016 vehicle registration data from IHS Automotive
Leading electric vehicle markets globally

- These 14 markets account for a third of global electric vehicle sales
  - The leaders: Several over 10% EV sales share, several over 10,000 EV sales per year
  - Driven by city, state, national policy; incentives; infrastructure; consumer campaigns

Reflections

- Electric vehicle market prospects are rising
  - More models, more vehicle types, lower cost, longer range
- Actions by many players prime the market
  - Cities, states, utilities, partnerships, non-profit consumer groups
- Top markets show the keys to address barriers, grow market
  - Availability: ZEV regulation
  - Cost: Consumer incentives
  - Convenience: Charging infrastructure
  - Awareness: Ride-and-drive events, fleets, car-sharing
  - Access: HOV lane, city parking/charging
Contact

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ICCT electric vehicle page: http://theicct.org/electric-vehicles
EV world capitals report: http://www.theicct.org/EV-capitals-of-the-world

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