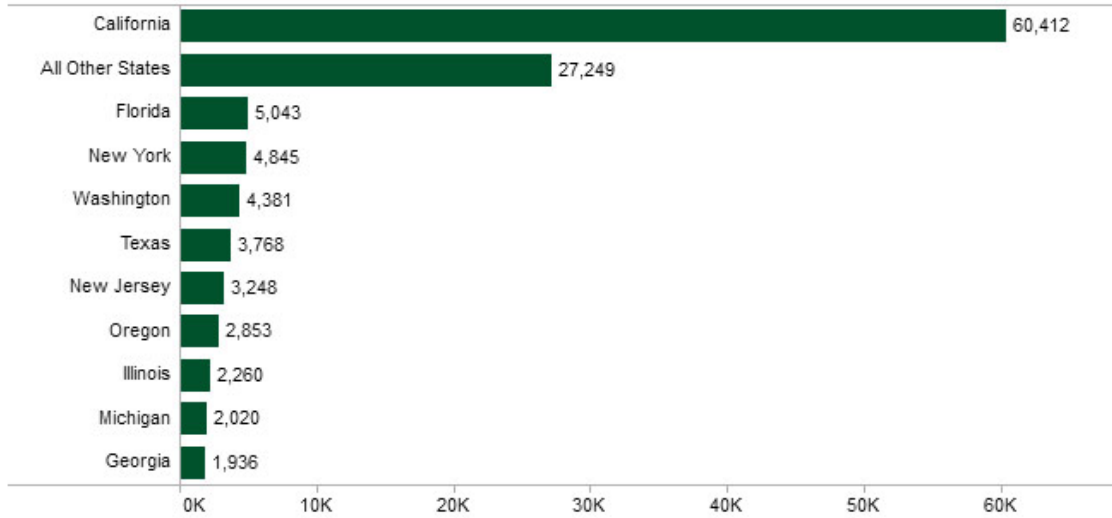


Car, Bus and Train Technology

- **Electric Vehicles are becoming more affordable and popular.**
What percentage of electric vehicles are being used in California? What might be causing this demand?

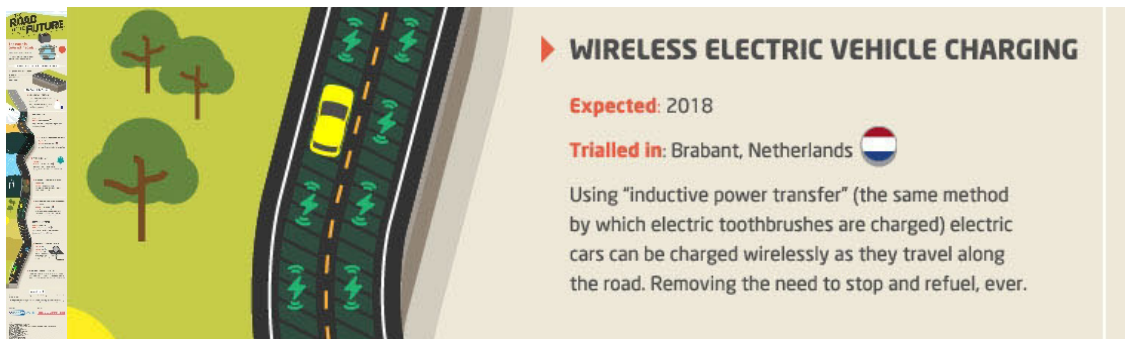
2016 EV Sales by State

As of October 2016



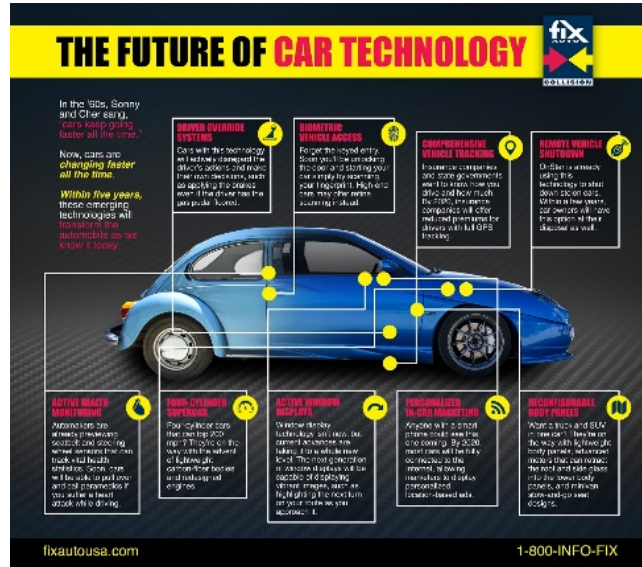
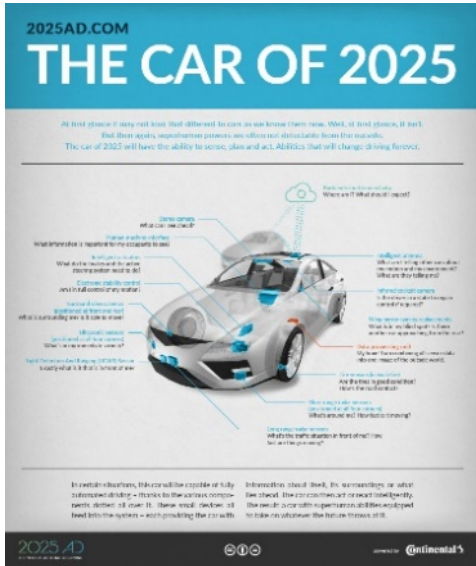
Go to: <http://5vtj648dfk323byvjb7k1e9w.wpengine.netdna-cdn.com/wp-content/uploads/2017/01/us-ev-sales-2016-state-oct.jpg>

- **The roads are changing under our cars?**
How are high-tech roads in the Netherlands already affecting automobile design?



Go to: <http://infographicsmania.com/wp-content/uploads/2012/12/The-Road-Of-The-Future-Infographic-infographicsmania.jpg>

- **Changes in automotive technology are coming.**
List three changes drawn from the two charts below.



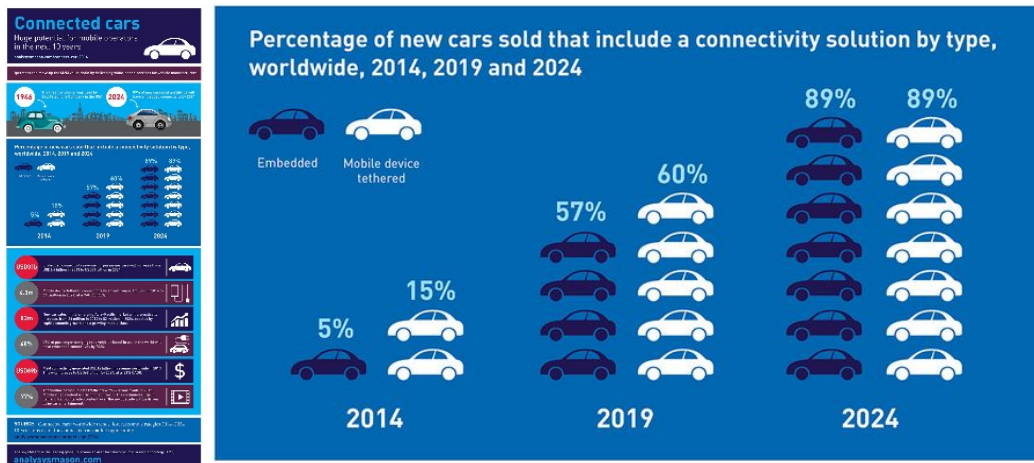
Left Chart:

https://www.2025ad.com/fileadmin/user_upload/Evergreen/Technology/The_Vision/Infographic_The_Vision.jpg

Right Chart:

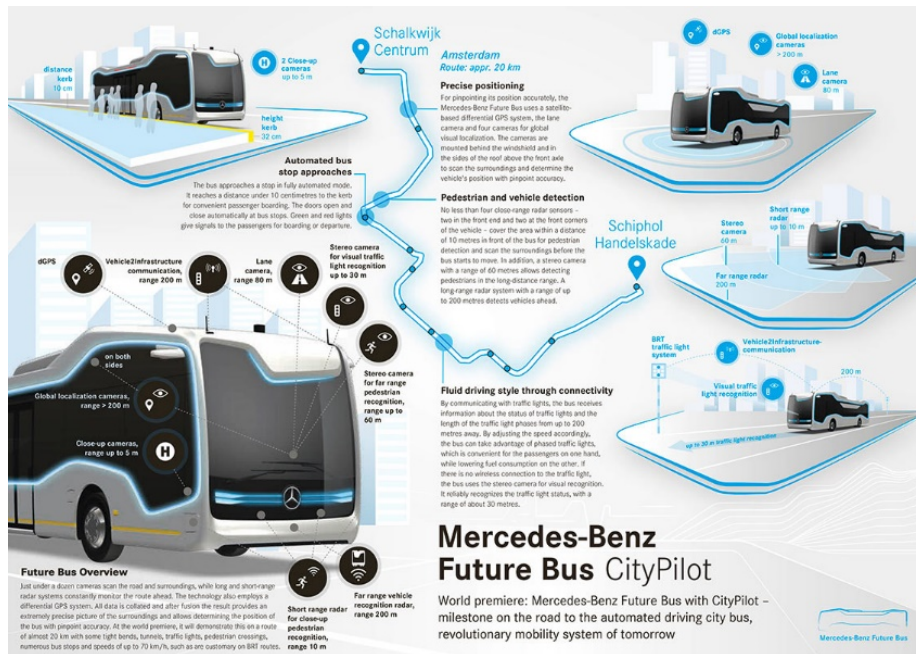
<http://fixautousa.com/wp-content/uploads/2015/08/Fix-Auto-Infographic-2.jpg>

- **Connected Cars are on the rise.**
What does “connected” mean? List two ways this is happening.



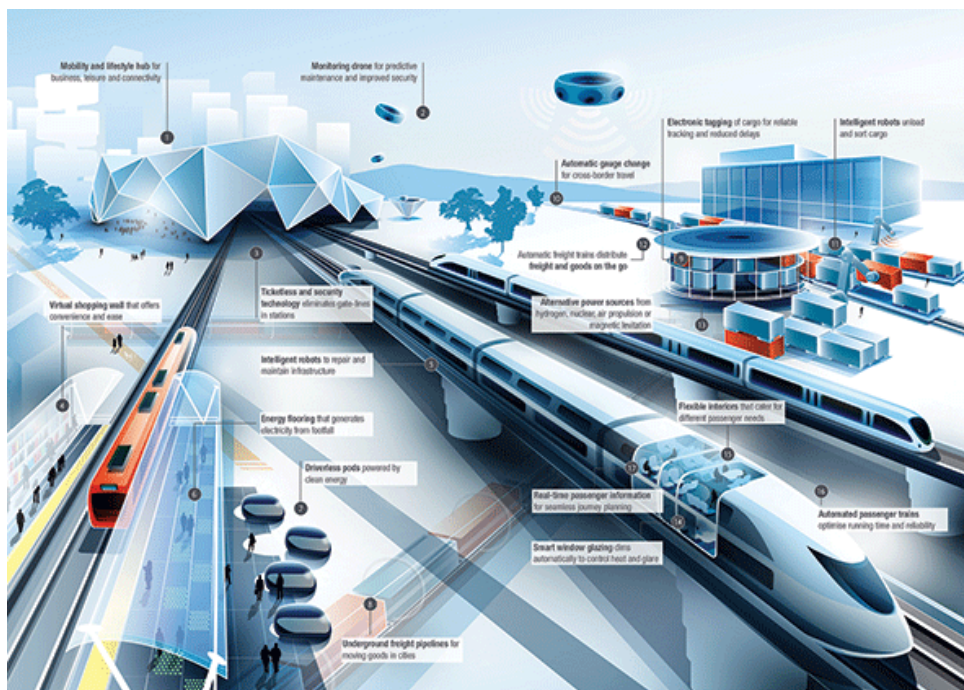
Go to: <https://i.pinimg.com/736x/34/80/df/3480dfa0a7b19cbd630db3be3510087e--vehicles-hot-wheels.jpg>

- **Bus design is getting more high-tech.**



Go to: <http://www.infogrades.com/wp-content/uploads/2016/09/Mercedes-Benz-Autonomous-Bus-Technology-Infographic.jpg>

- **Rail transport is also changing.**
What is the difference between a Light Rail Train (LRT) and inter-city rail?



Go to: <http://www.machinedesign.com/sites/machinedesign.com/files/uploads/2016/02/1-Future-of-Rail.gif>

- **Transportation Apps are getting more useful.**

Look at all the charts below and list three important reasons for why this is happening.



A teal banner with the PopData logo at the top center. The logo consists of a black circle with the text "PopData" and a bar chart icon. Below the logo, the title "THE LIFE OF THE CONNECTED COMMUTER" is written in large, white, sans-serif capital letters. Underneath the title, a paragraph of text reads: "Social's on the move - welcome to the city hall that never sleeps. Where people are more likely to tweet about a pothole or support bike lanes on Facebook than go to a city council meeting. City governments that want to keep a finger on the pulse of their transit arteries don't need an invitation. They just need to know how to listen." The banner has a white cloud-like shape on the left side and a small yellow triangle on the right side.

Go to: <https://i.pinimg.com/736x/d2/e9/94/d2e994d95905a34a09766177e3184de4.jpg>