

Have You Noticed???

Google/Waymo's Buying Spree



by

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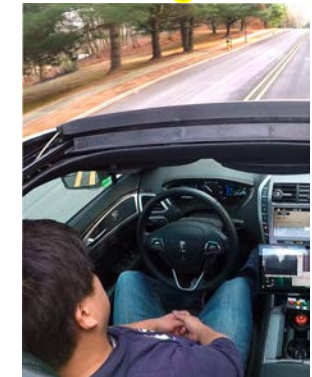
Princeton University

Presented at

ITS America 2018

June 5, 2018

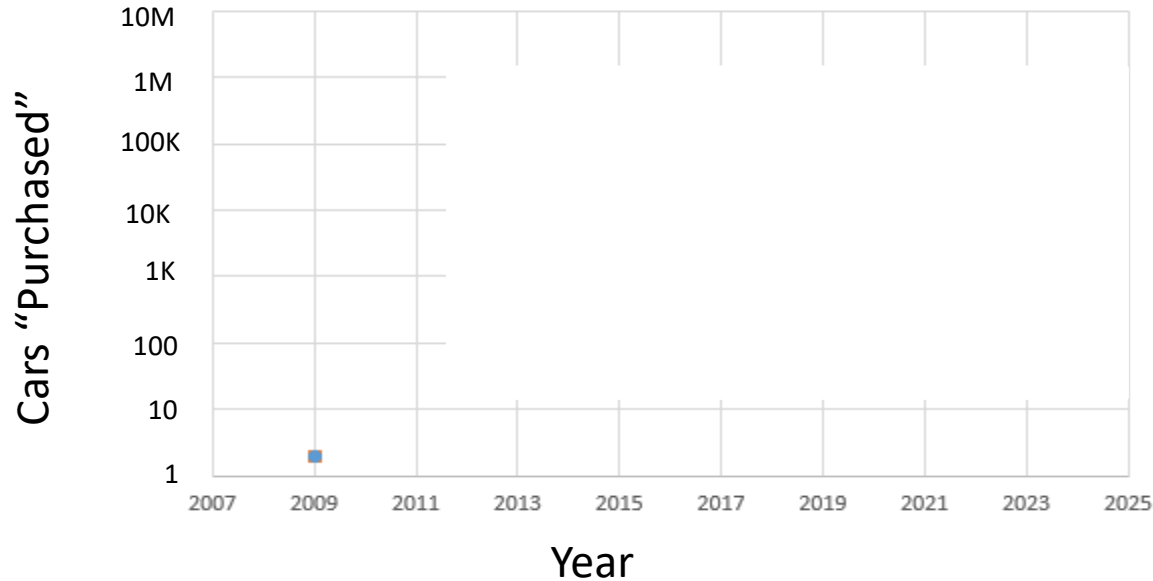
Detroit, MI



Dynamics of Google/Waymo's Deployment of Driverless

Deployment of Driverless

Google/Waymo Purchase of Driverless Cars

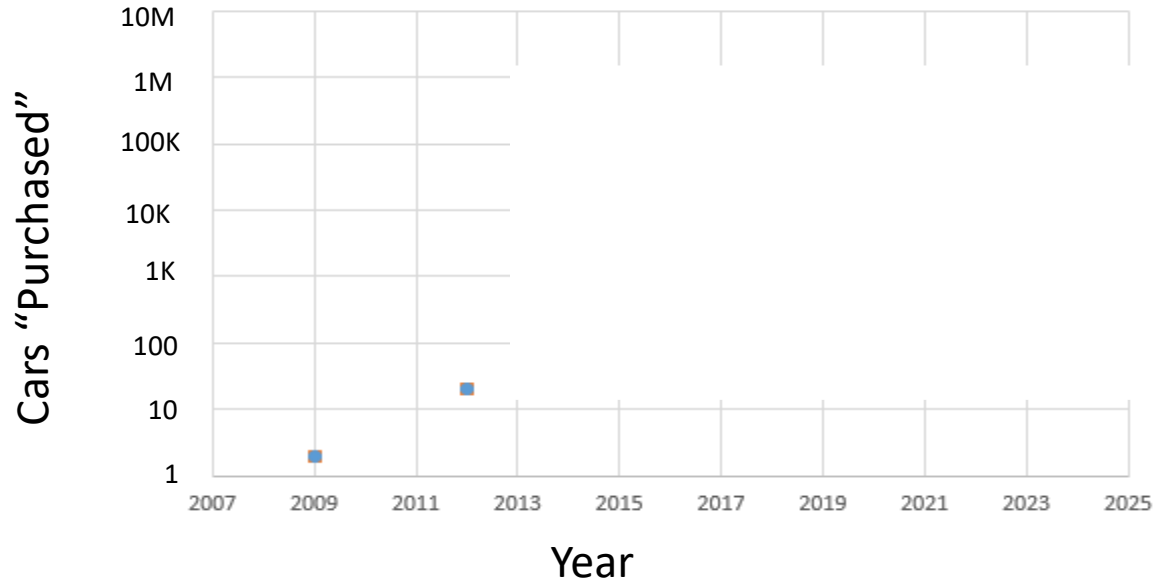


2009



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Google/Waymo Purchase of Driverless Cars



2009

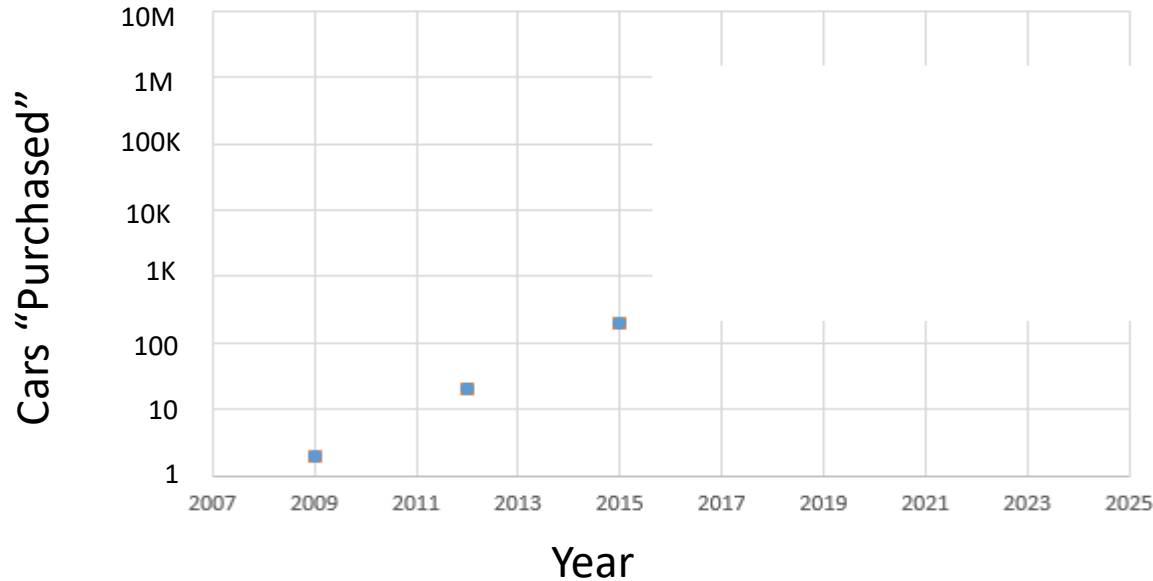


2012



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2009



2012



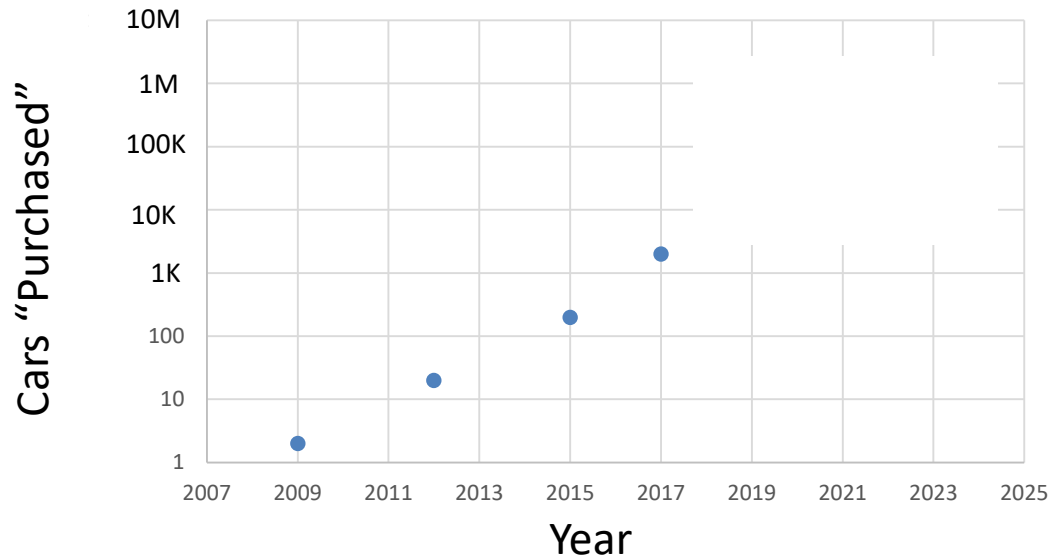
2014-5



Dynamics of Google/Waymo's Deployment of Driverless

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2009



2012



2015



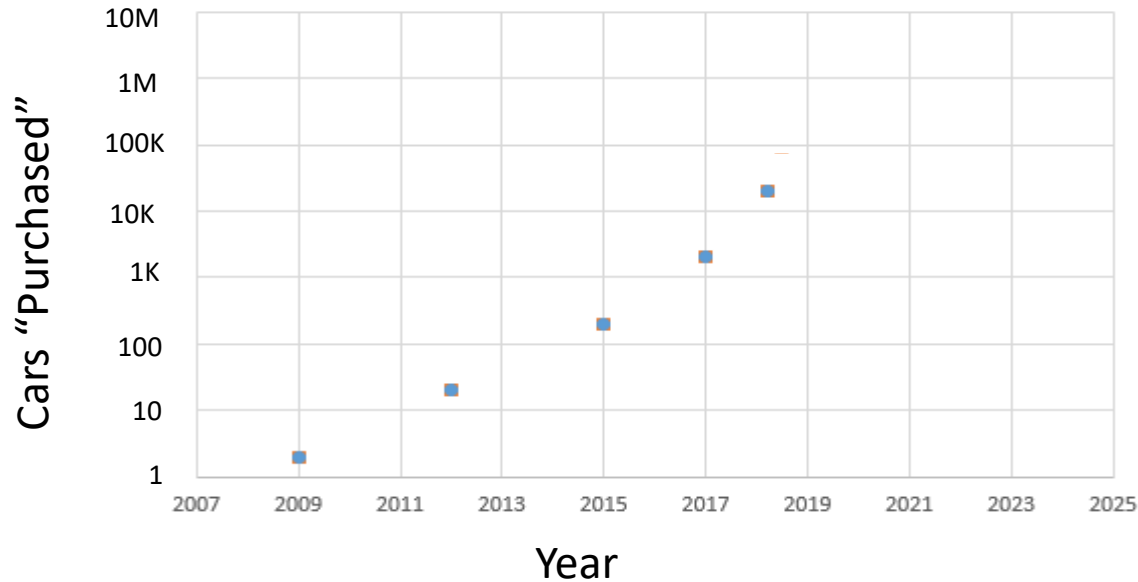
2017



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2009



2012



2015



2017



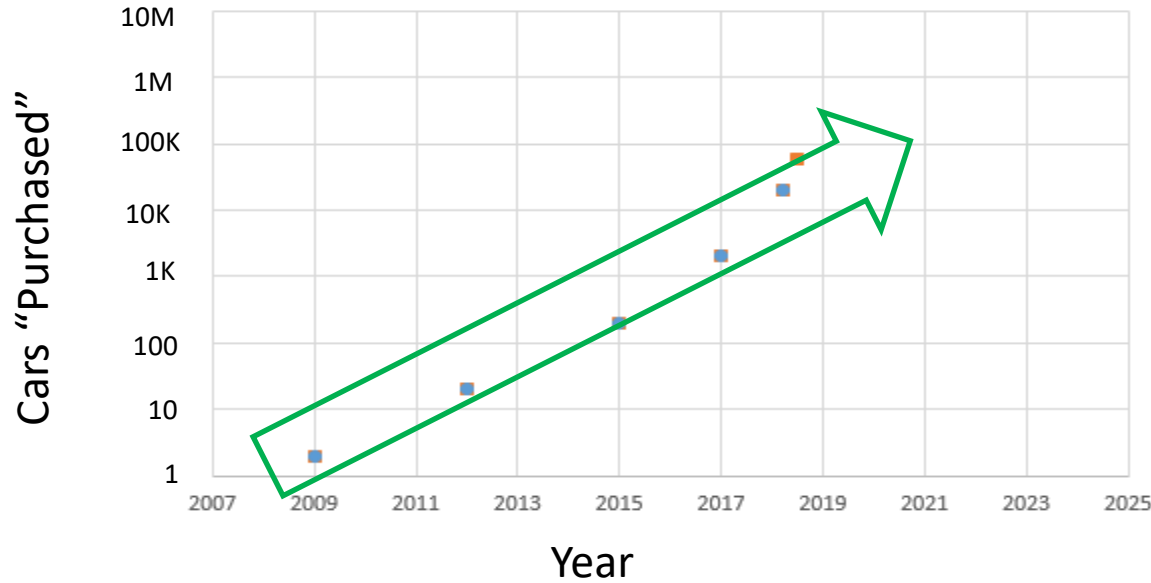
2018.2



Dynamics of Google/Waymo's Deployment of Driverless

Deployment of Driverless

Google/Waymo Purchase of Driverless Cars



> 10X
every 2 years
 (Waymo's Kornhauser Law)

2009



2012



2015



2017



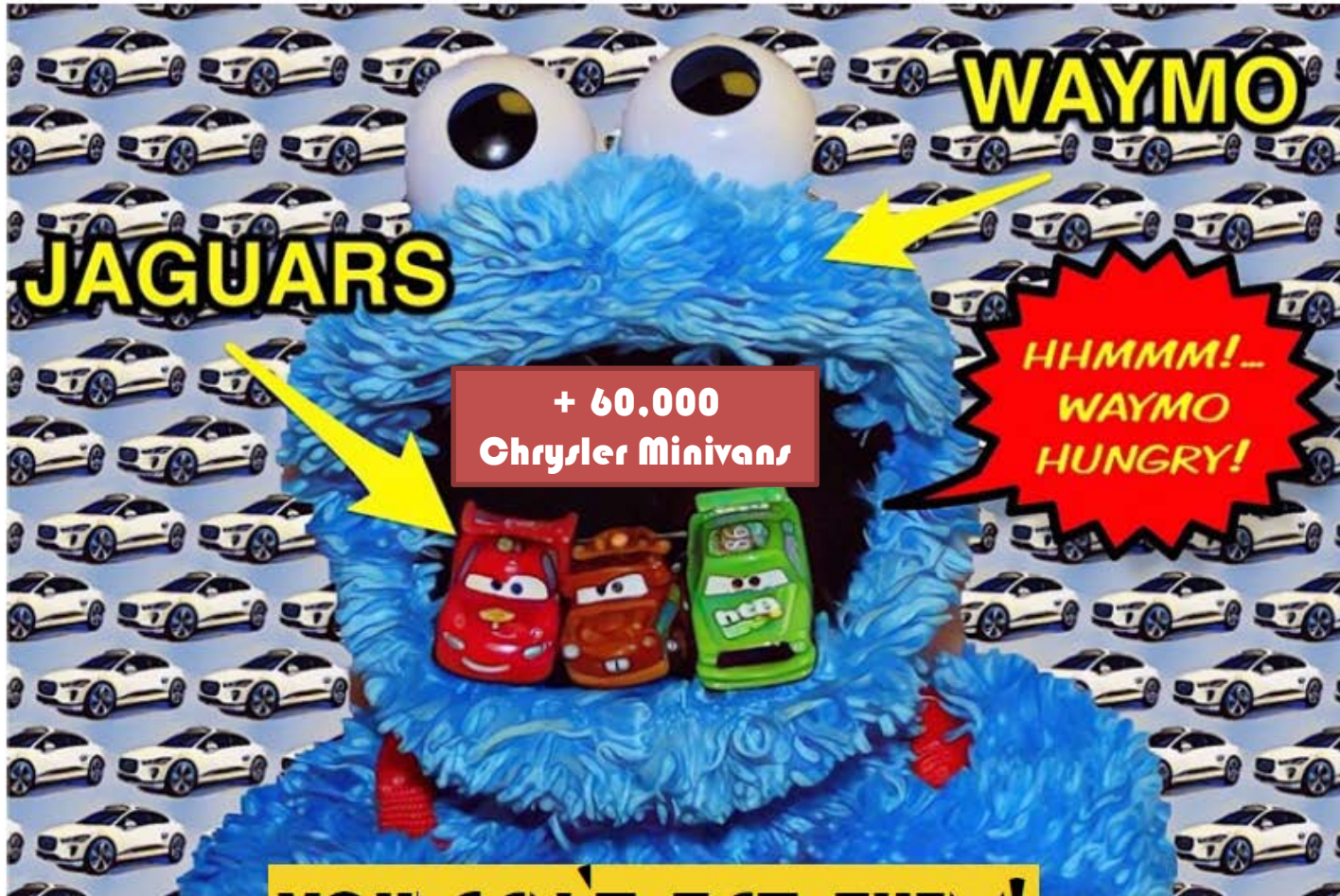
2018.2



2018.5



WHAT WILL WAYMO DO WITH 20,000 JAGUARS?



YOU CAN'T EAT THEM!

WHAT WILL WAYMO DO WITH 20,000 JAGUARS?



Welcome to my
studio apartment!

+ 60.000
Chrysler Minivans

PROVIDE HOUSING FOR THE HOMELESS IN SAN FRANCISCO?

Where will Waymo Deploy

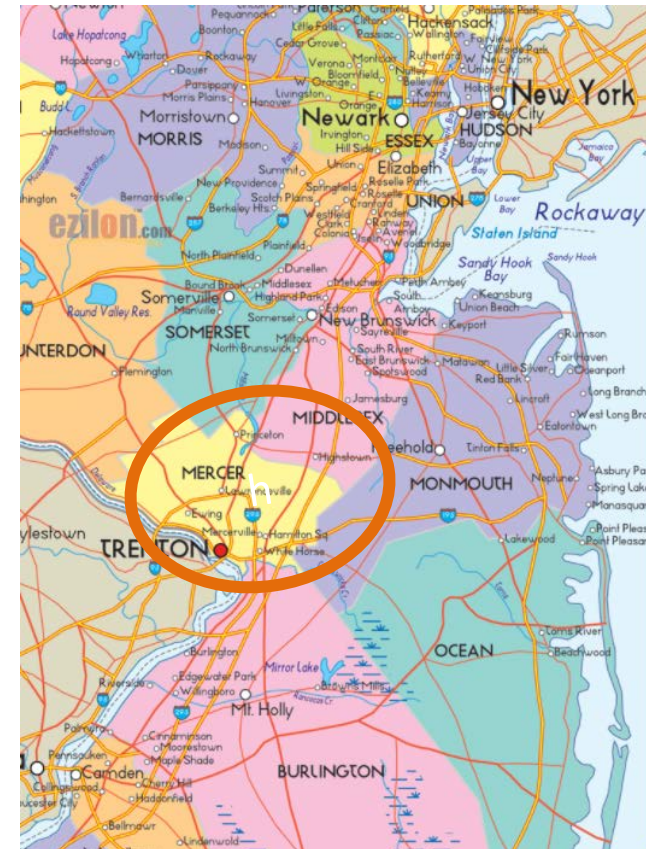
20,000 + 60,000 autonomousTaxis

- Maybe they'll "Spread the Mobility Experience"
 - Start by operating 1K in 20 different "cities"
 - Geo-fenced "communities of ~ 300,000" (serve 5% of personTrips)
 - Add 2K to 1st 20 (grow to 15% personTrip share) + 1K in 20 more "Communities of 300k"



Where will Waymo Deploy 20,000 autonomous Taxis

- Maybe they'll "Spread the Mobility Experience"
 - operate 1K in 20 different "cities"
- How about "Central New Jersey" ?
 - Microcosm of USA
- Pop: ~300K
- Intra-area Trips/day: ~ 1.0M/day
- 1K aTaxis would serve ~ 5% personTrips
 - Numerous ***Mobility Disadvantaged***
 - whose quality-of-life would be improved substantially!



Discussion!

Thank You

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www.SmartDrivingCar.com