



The Los Angeles Bus Map

a project by Salvador Montes, Casey Osborn,
Michael Sahimi, and Tim Black



UCLA

ITS

**I N S T I T U T E O F
TRANSPORTATION STUDIES**



What is it?

a map showing one day's worth of all bus movements by LACMTA

MBTA Bus Speeds

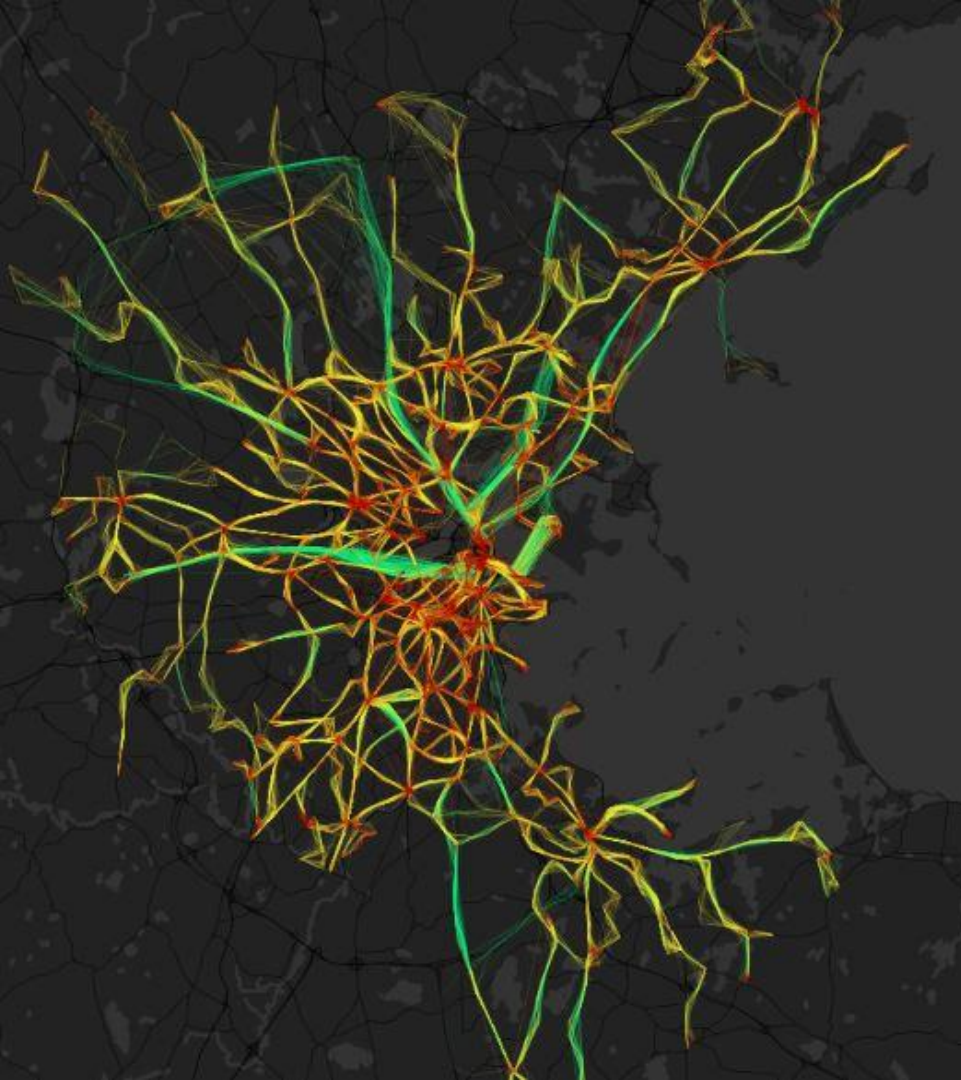
YESTERDAY

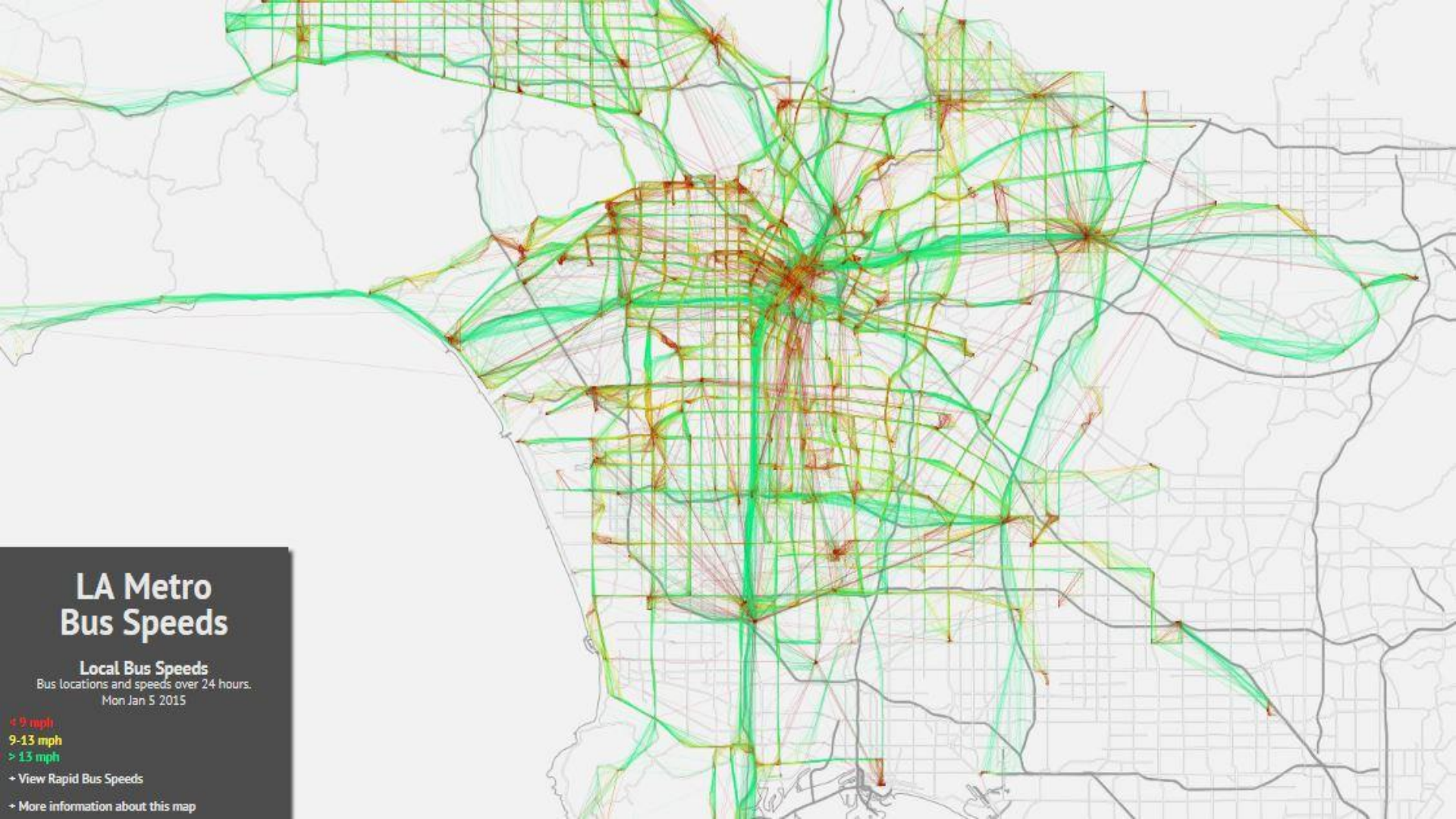
Bus locations and speeds over 24 hours.
Mon Jan 5 2015

[VIEW MOST RECENT \(past 3 hours\)](#)

- RED:** < 10 mph
- YELLOW:** 10-25 mph
- GREEN:** > 25 mph

[What is this thing?](#)





LA Metro Bus Speeds

Local Bus Speeds

Bus locations and speeds over 24 hours.

Mon Jan 5 2015

- < 9 mph
- 9-13 mph
- > 13 mph

[View Rapid Bus Speeds](#)

[More information about this map](#)



How does it work?

- Nextbus API publishes a live feed of all bus locations



How does it work?

- Nextbus API publishes a live feed of all bus locations
- We collect this data throughout the day



How does it work?

- Nextbus API publishes a live feed of all bus locations
- We collect this data throughout the day
- At the end of the day, draw lines “as the crow flies” between each set of points and color by speed

Local

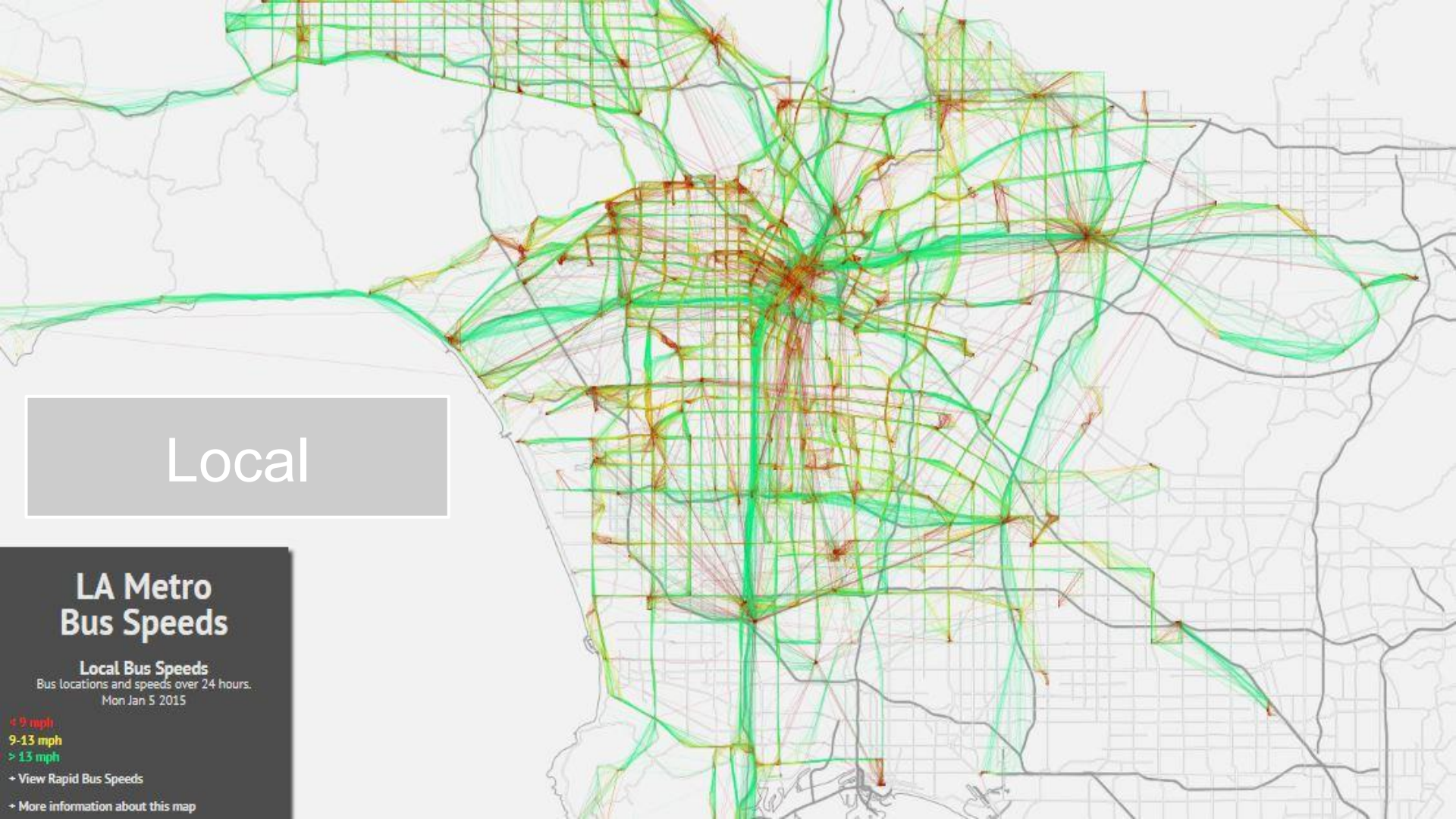
LA Metro Bus Speeds

Local Bus Speeds
Bus locations and speeds over 24 hours.
Mon Jan 5 2015

< 9 mph
9-13 mph
> 13 mph

→ View Rapid Bus Speeds

→ More information about this map





Rapid

LA Metro Bus Speeds

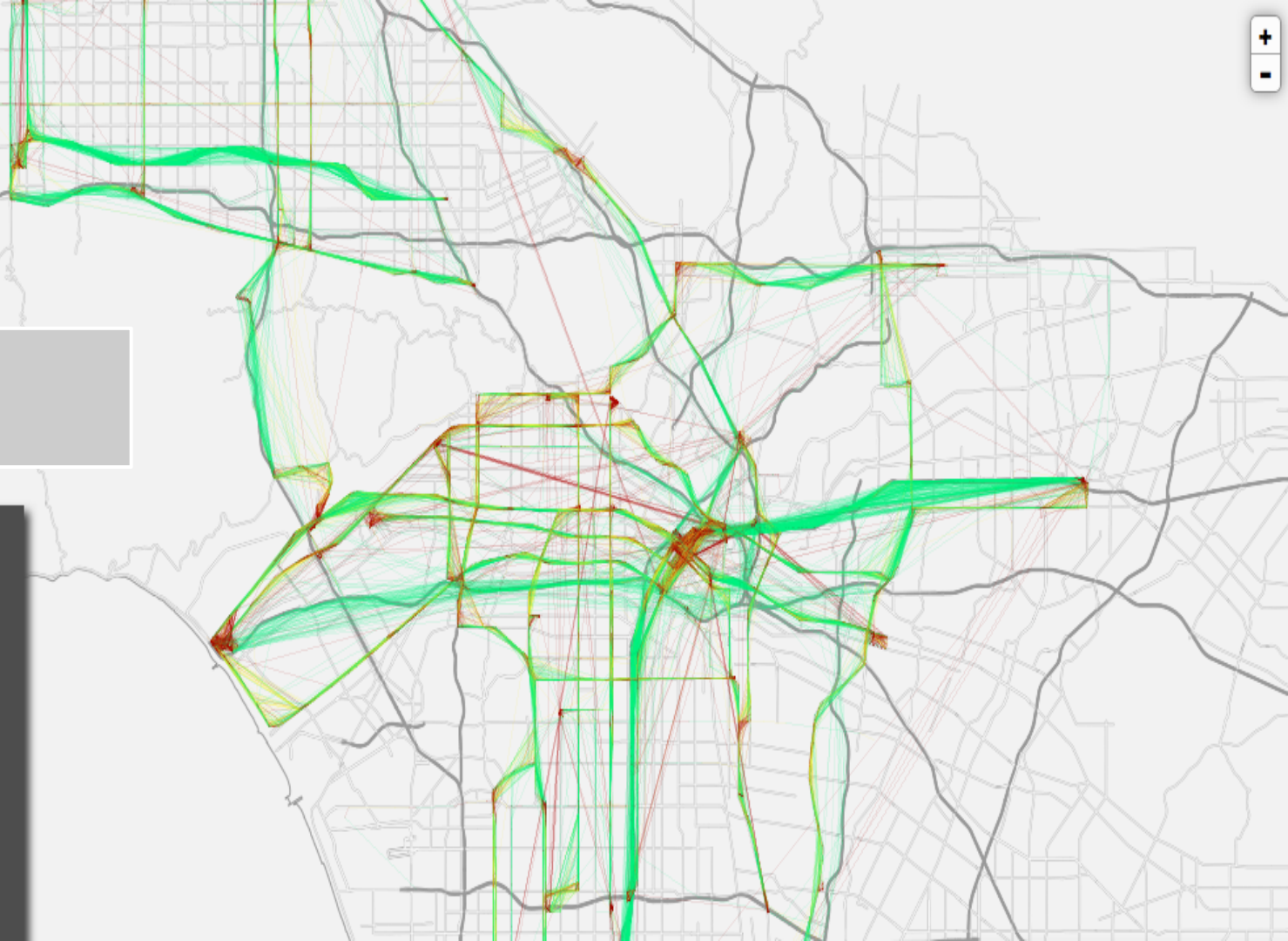
Rapid Buses

Bus locations and speeds over 24 hours.
Mon Jan 12 2015

- < 9 mph
- 9-13 mph
- > 13 mph

+ View Local Bus Speeds

+ More information about this map





Takeaway

When people think of **bus** service, they tend to visualize...





Takeaway

When people think of **rail** service, they tend to visualize...





Takeaway

There is inherent **beauty** and planning **benefit** when we think about bus service in terms of the network.



Thank You!

Check it out at www.labusmap.com



UCLA

ITS

**I N S T I T U T E O F
TRANSPORTATION STUDIES**