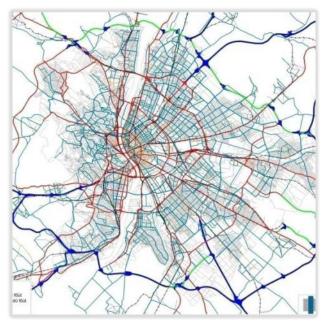




Understanding Movement

Who we are

Founded in 2001, Citilabs has built the world's leading transportation modeling and simulation software



Regional



CITILABS



50 staff comprised of transportation engineers, software engineers, data scientists, mathematicians.

changes in transportation will affect how

we move.

Based in California with regional offices in Europe, Asia, and the Middle East.

What is Streetlytics

Streetlytics provides a comprehensive, complete understanding of the movement of pedestrians and vehicles across the United States.

- Hourly volumes, speeds, and demographics for every road in the US
- Origin-Destination pairs for every trip by day part
- The turn by turn path between each origin and destination



Applications

Government

Helping governments to provide safe, sustainable and efficient transportation systems

Advertising

Powering the official audience measurement system for the \$30 billion Out-of-Home Advertising market

Real Estate

Aiding site selection and store product mix to match the volumes and demographics on the road by any building in the US

Insurance

Providing key data for calculating risk

Mobility

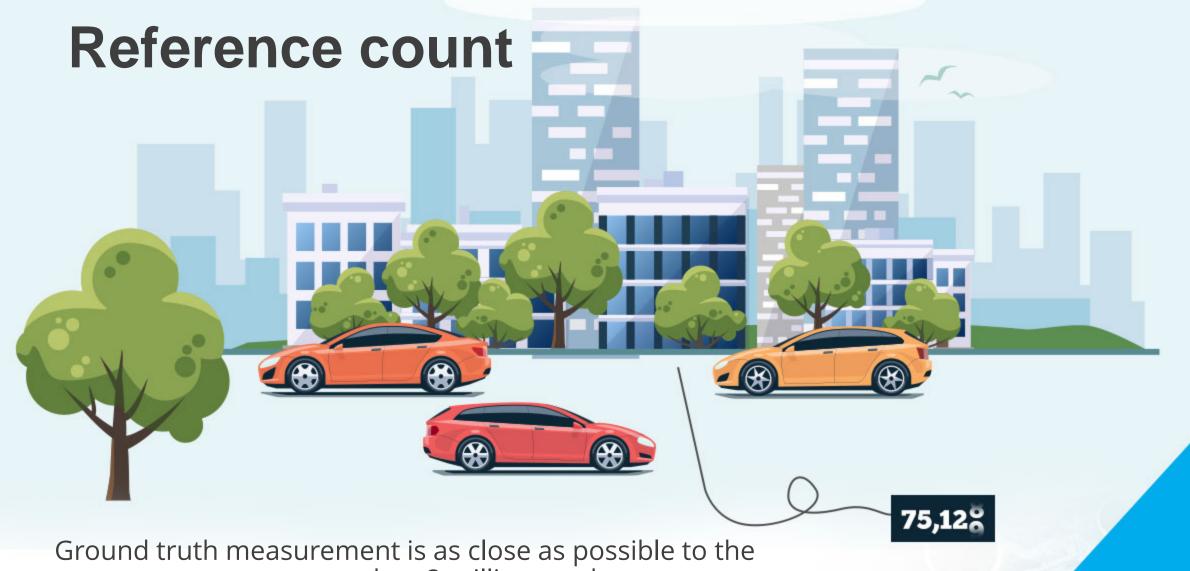
Providing comprehensive understanding of the changing demand for transportation

Logistics

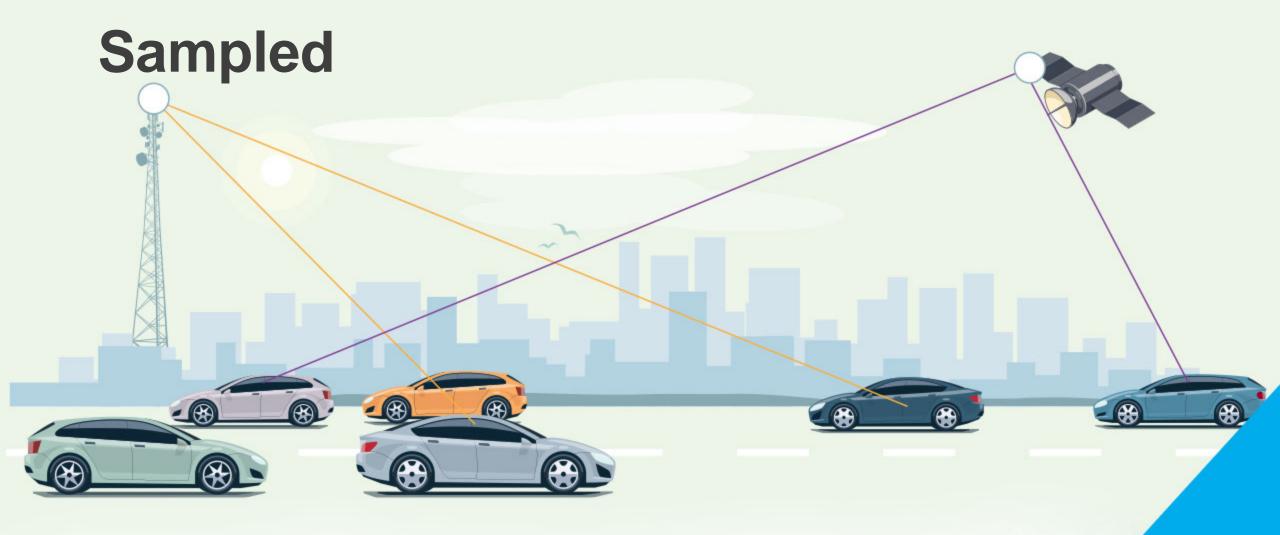
Providing the most accurate understanding of future traffic conditions for far more accurate ETAs







Ground truth measurement is as close as possible to the true movement measured on 2 million roadways



GPS or cellular location data samples (20 to 40% of devices in a given marketplace)

Discovers home/work/shop locations and patterns of travel

Predicted Path



Behavioral travel models are applied to rich government data on household and employment to estimate what the pattern and total amount of travel should be

Calculated Merge



The millions of observations from all three of these complementary data sources are are input into a complex mathematical process to create the most complete, accurate and consistent national mobility data set ever created



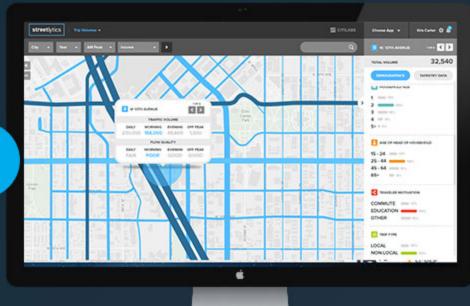










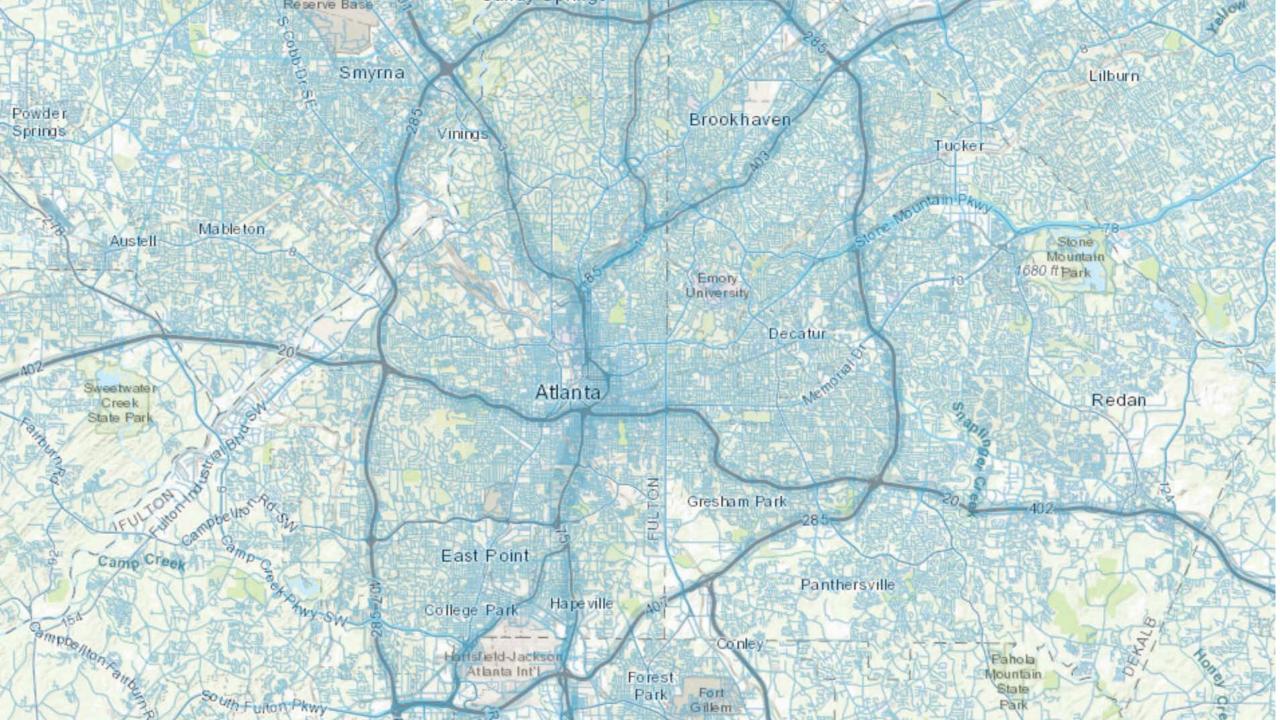




FUTURE DATA SOURCES

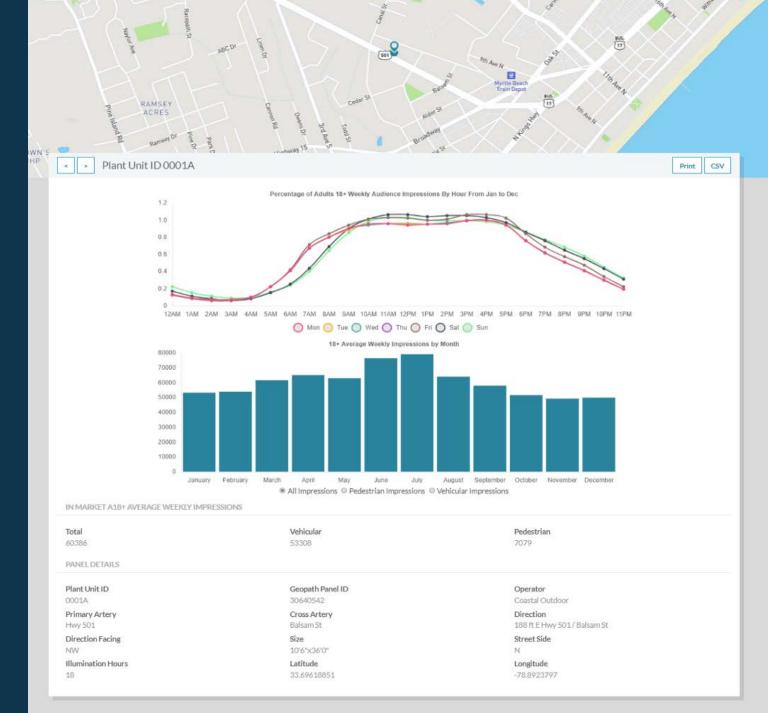
 $\textbf{street} lytics \ \ \ \\$





Hourly and Seasonal Traffic

Vehicular and Pedestrian Traffic Data by Hour of Day by Day of Week by Month

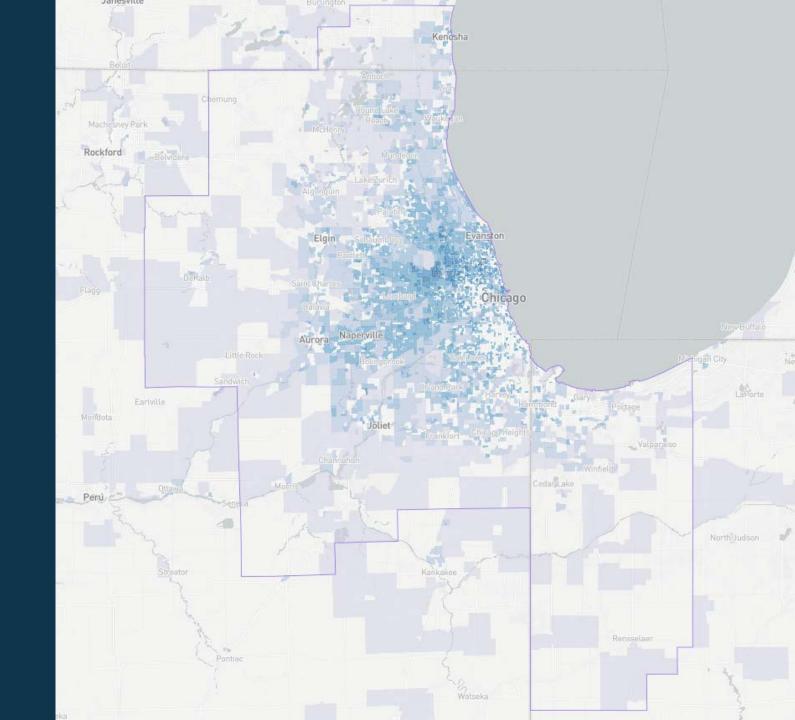


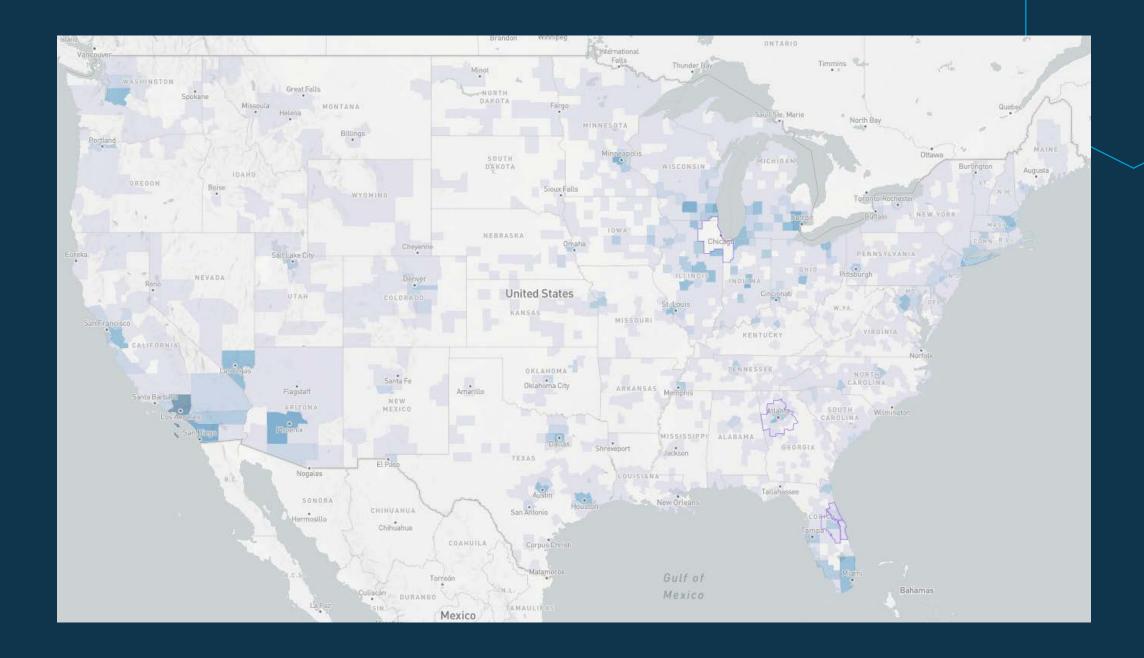




Home Location

Place of Residence for Vehicular and Pedestrian Trips





Audience Location Measurement

geopath

INVENTORY DETAIL SHEET

Operator: Outfront Media Plant Unit ID: 047333BO



Inventory at a glance

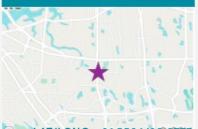
Media Type:Bulletins::Billboards

Panel Size:14' X 48'
Orientation: S
Illumination:18 hrs

Top Markets

- 1 Jacksonville, F 99%
- 2 Orlando-Daytona 0.23%
- 3 Miami-Ft. Laude 0.12%
- 4 West Palm Beach 0.03%

Southside Blvd .50 mi N/O... Location: Jacksonville, FL



Top Zip Codes

- 1 32256 48
- 2 **32246** 18% 3 **32216** 18%
- 4 32257 5.1%



Weekly Audience Summary

Jacksonville, FL

+2 Starbucks (30 days)

	Market Population	Weekly Impressions	In-Market Percentage	In-Market Impressions	
TOTAL	1,899,497	159,045	99%	157,763	
TARGET	211,893	26,579	99%	26,415	
COMP	11%	17%	N/A	17%	

streetlytics™

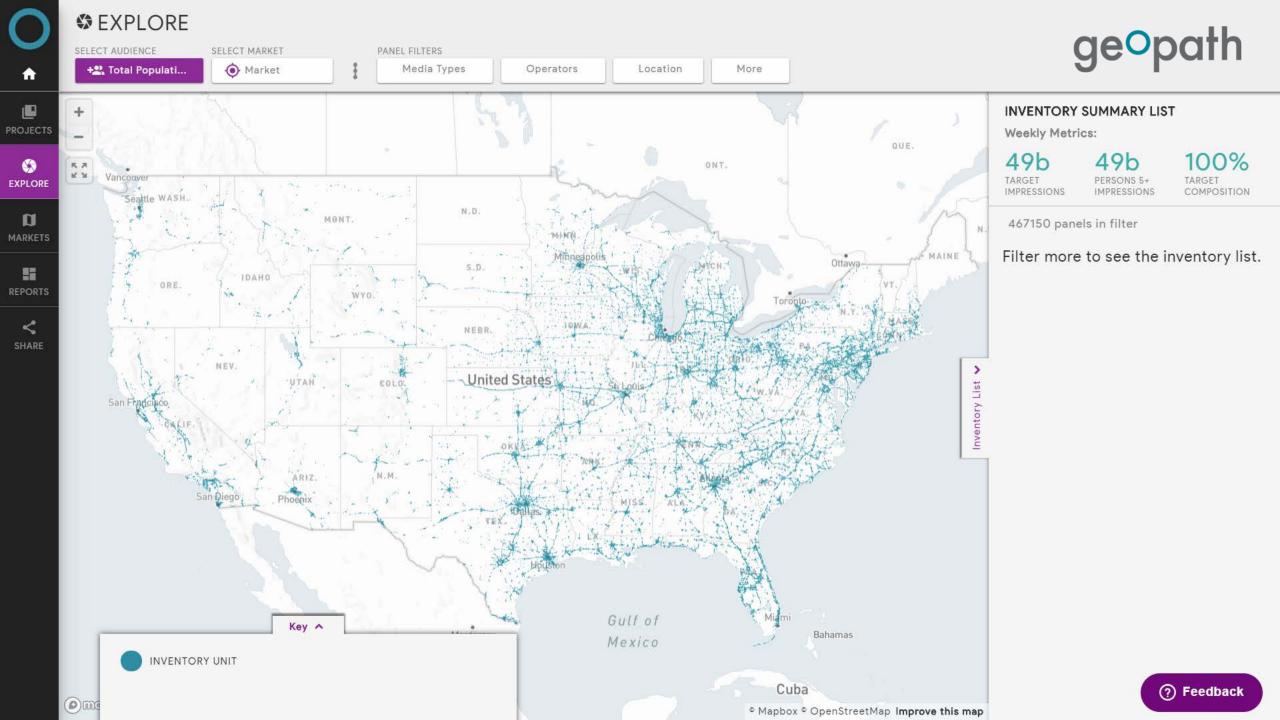
In-Market/Target Audience Metrics

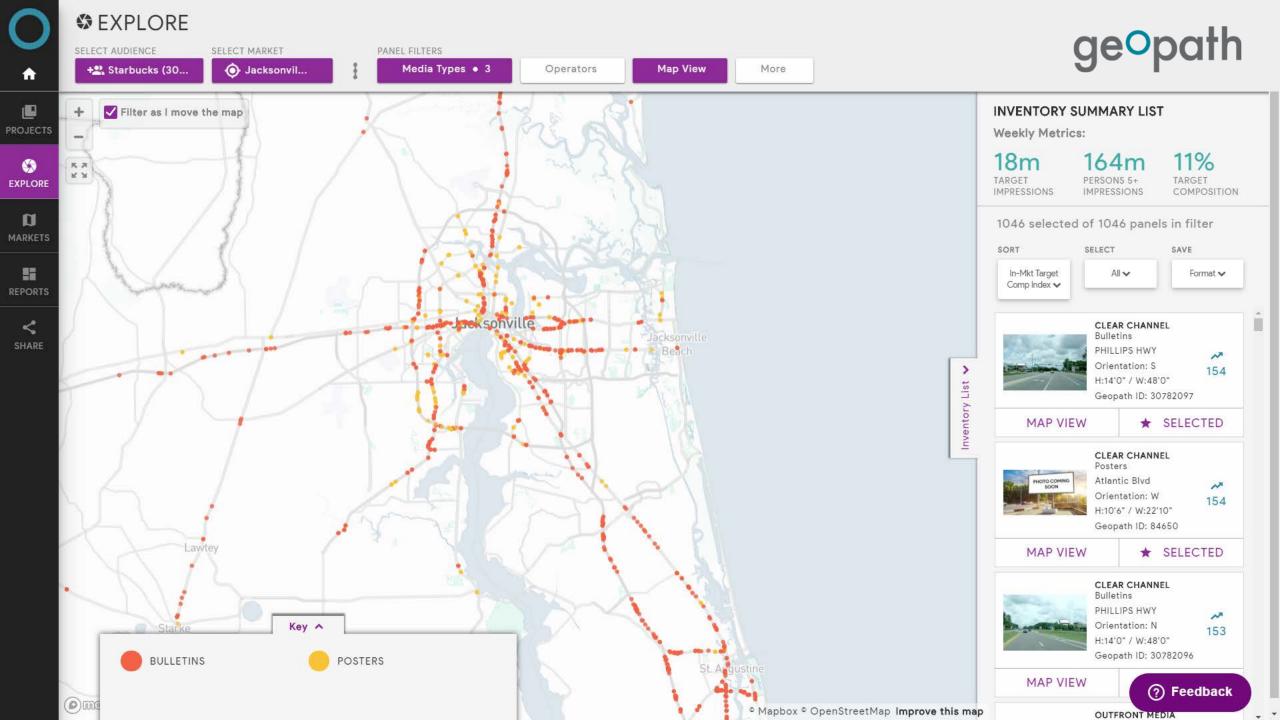
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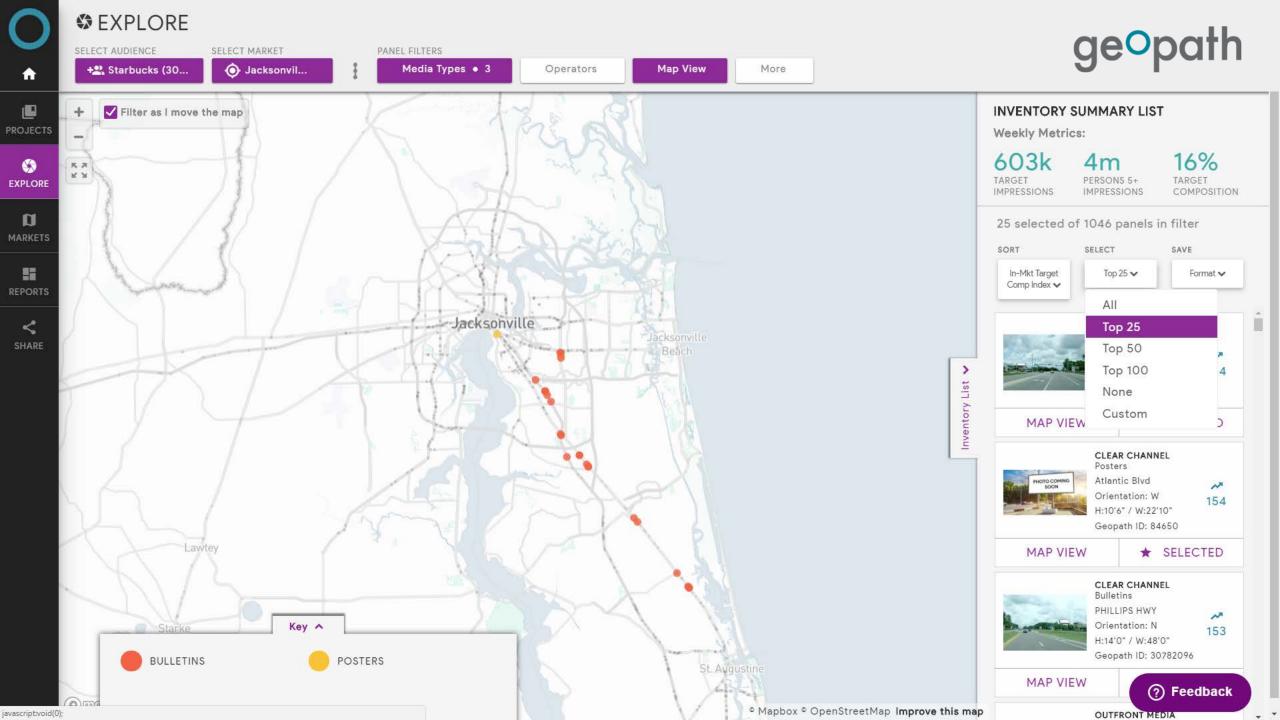
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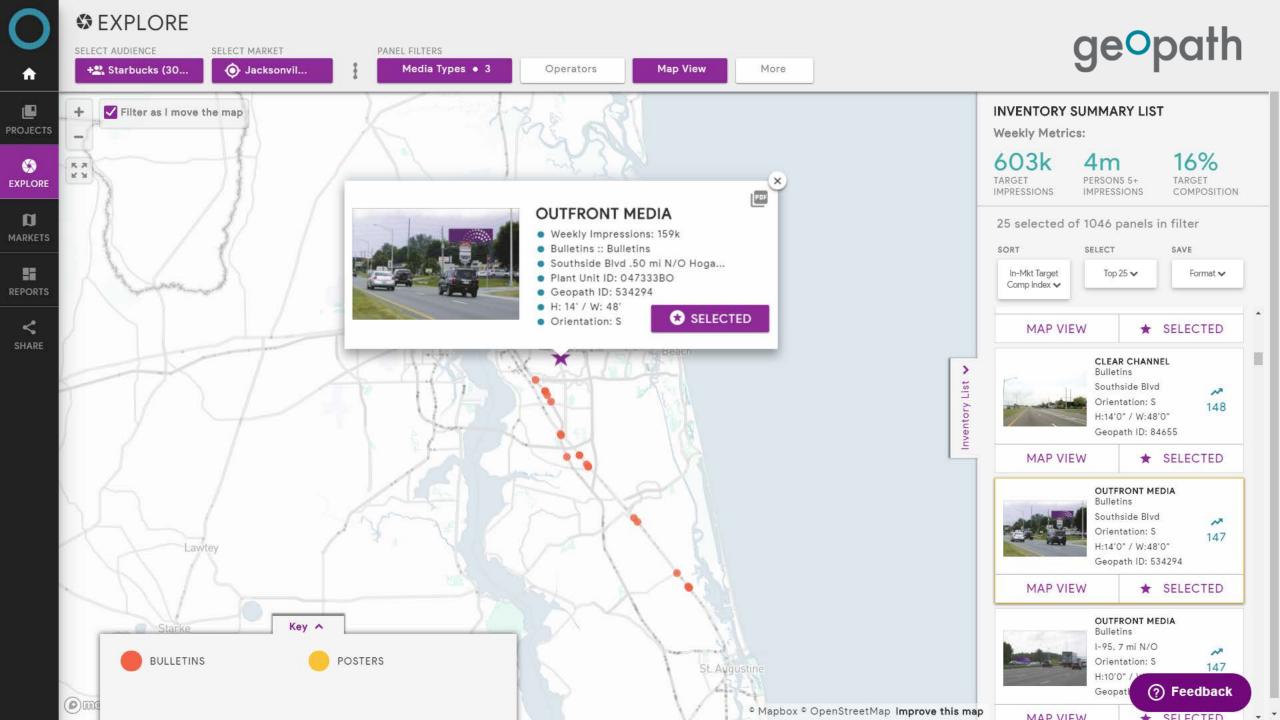
TRP 12.466

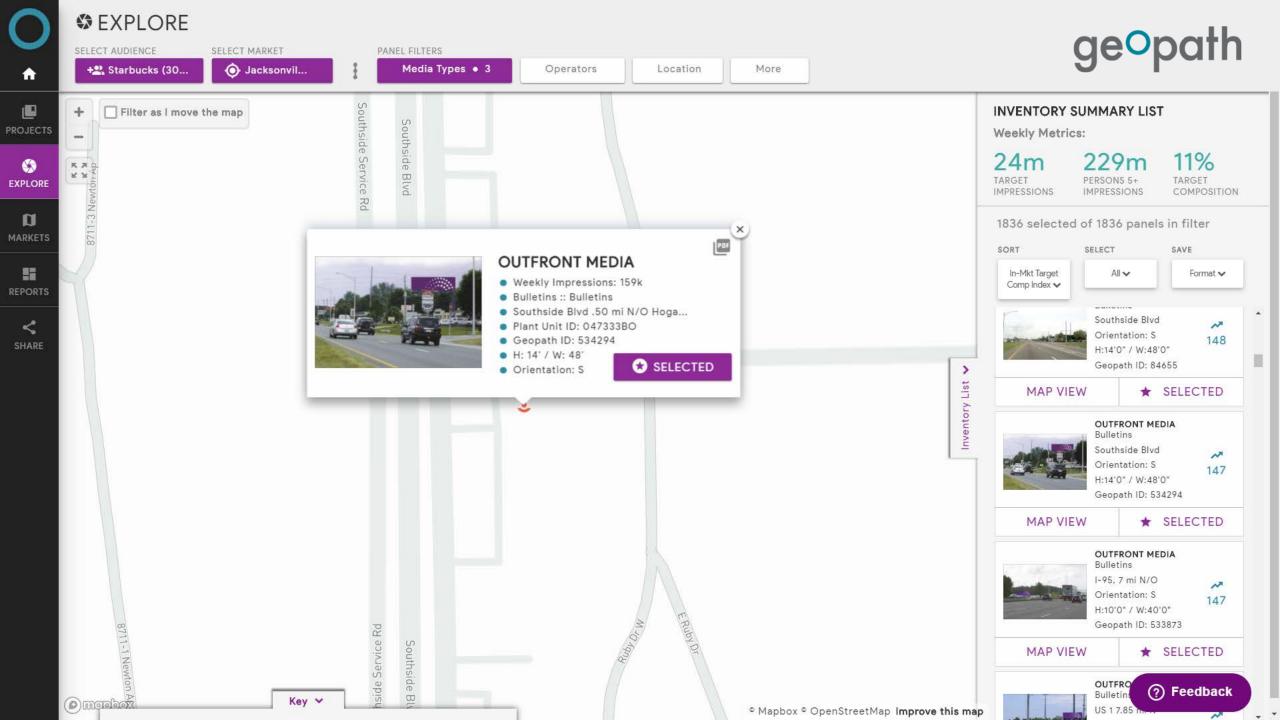
COMP INDEX 147











Audience Location Measurement

geopath

INVENTORY DETAIL SHEET

Operator: Outfront Media Plant Unit ID: 047333BO



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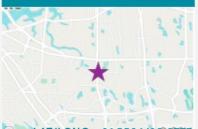
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streetlytics™

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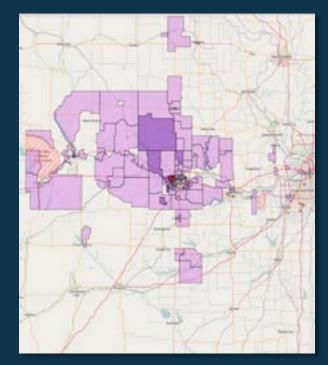
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COMP INDEX 147

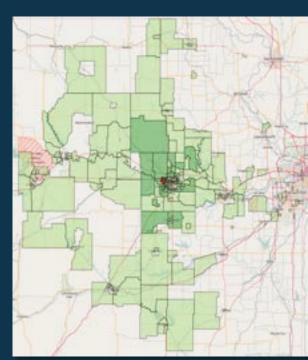
Changing Audiences by Time of Day



Breakfast Crowd

These two maps show the home locations of people appearing passing by a McDonald's at breakfast versus lunch



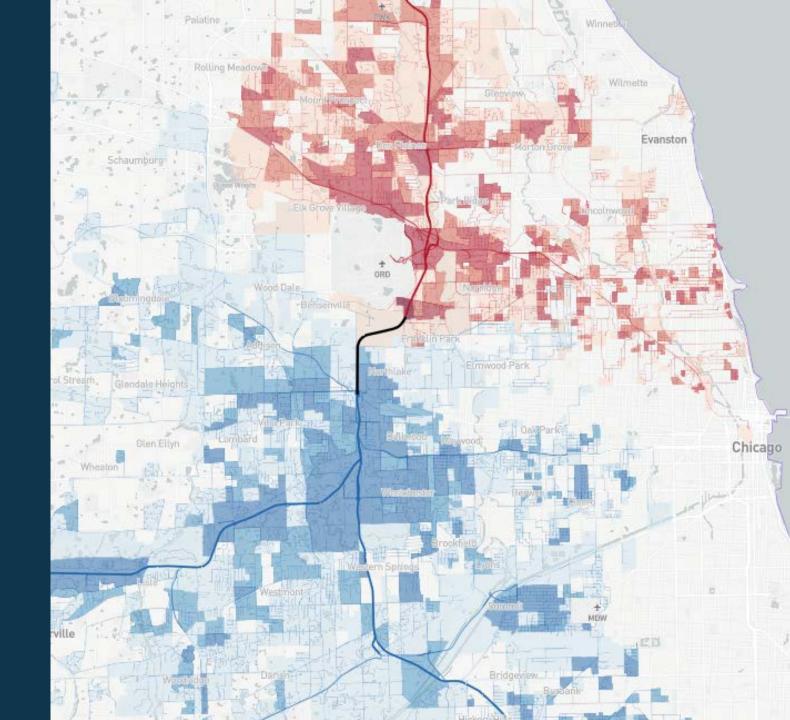


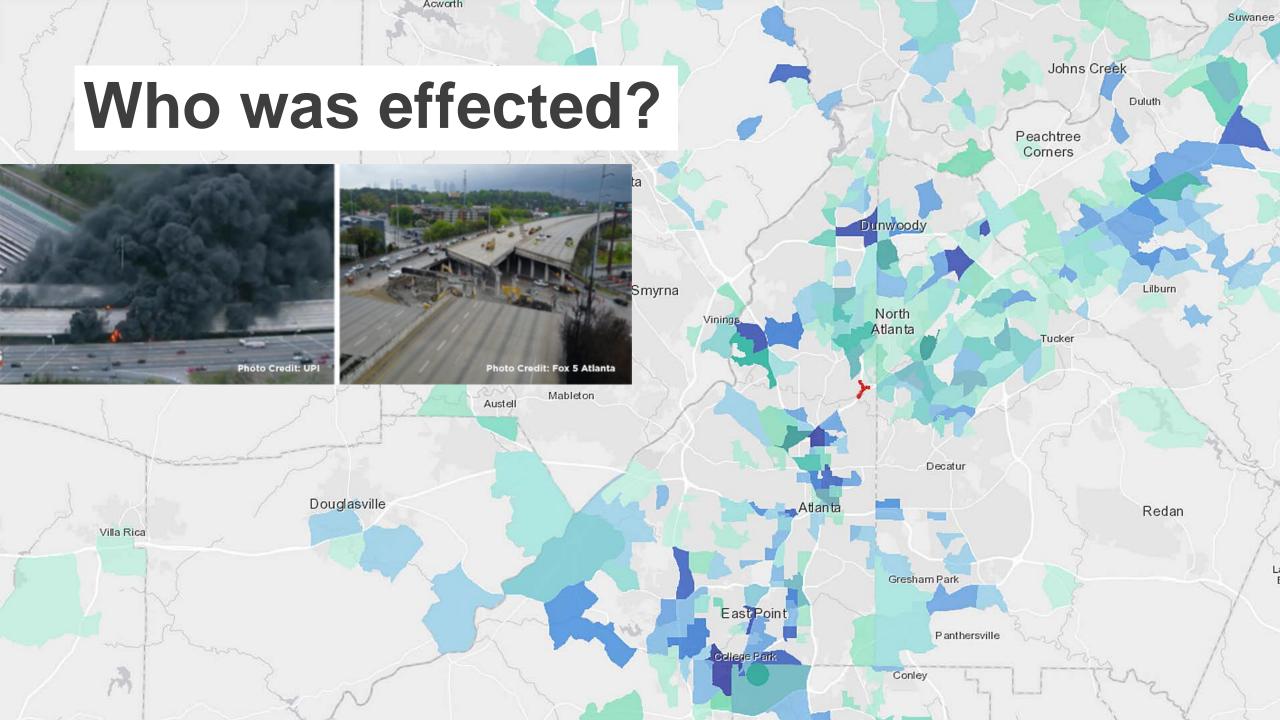
Lunch Crowd



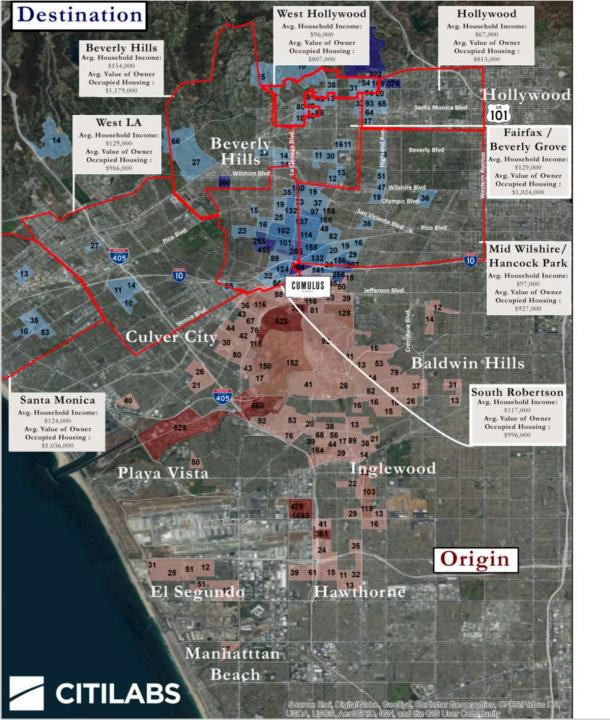
Identifying the Path of the Consumer

Trip Origins & Destinations of Audience by Direction for Every Roadway









Commute Home

Daily 43,907 Morning (6-10AM) 5,073 Mid-Day 12,178 Afternoon (3-7PM) 13,254 Evening 9,465 Night 3,937 14000 11375 8750 3500 Morning Mid-Day Afternoon **Evening** Night Streetlytics pulls real information from billions of points of GPS, cellular, connected car, **street**lytics Bluetooth, ticketing, demographics, and ground truth data to paint the richest, most complete picture of the moving population.

