
COVID 19

MOBILITY IN TURKEY

Bedirhan Hazar HASGUL



Discovery of COVID 19 in Turkey

- 1st Coronavirus case in Turkey was reported on 11th of March 2020.
- Schools were closed on 16th of March.
- Confinement for under 20 and over 65 years old.
- Work from Home



DATASETS USED

GOOGLE COVID 19
MOBILITY DATASET



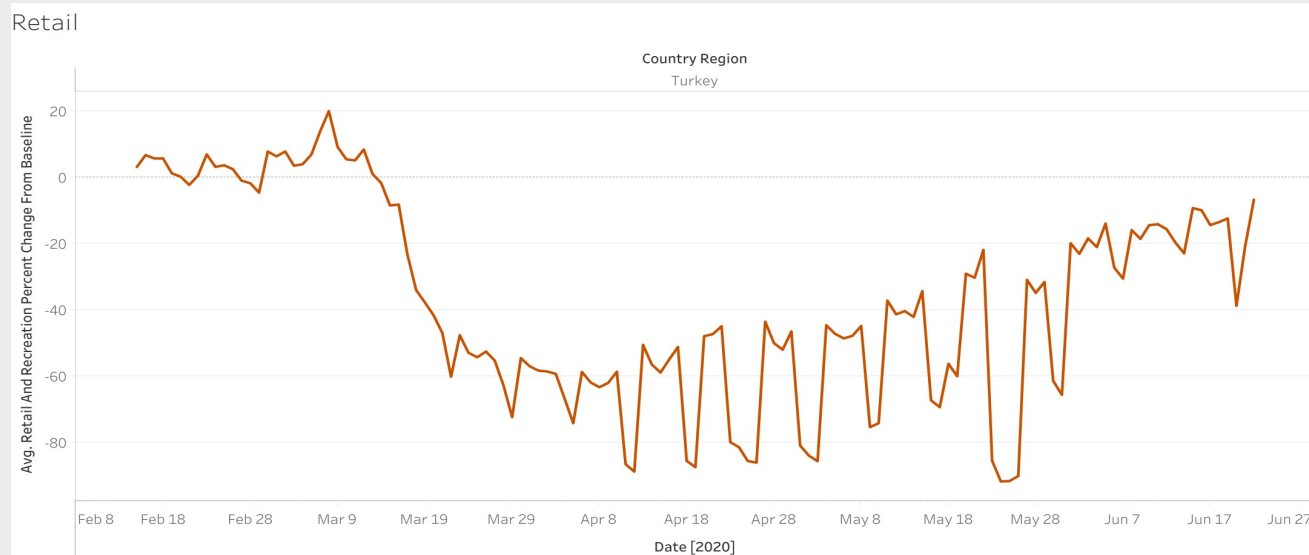
APPLE COVID 19
MOBILITY DATASET





RETAIL MOBILITY

Restaurants, Cafes, Shopping Centers, Theme Parks, Museums, Libraries, and Movie Theaters.



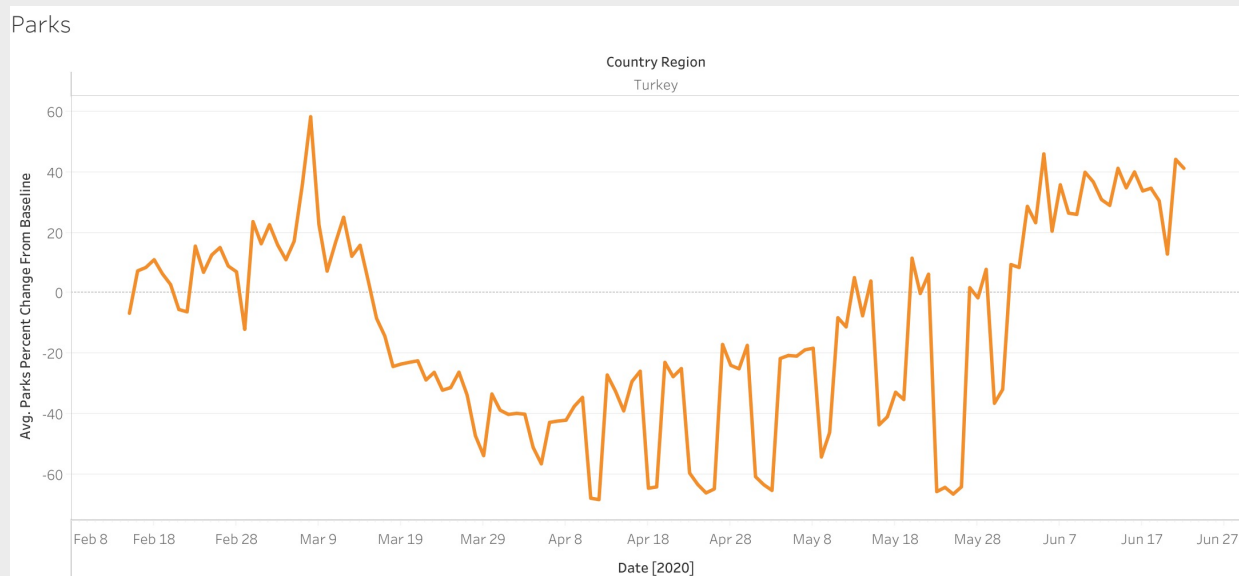
- Drop after Mid-March
- Malls are closed and people are scared
- Stays below the baseline throughout the time period



PARKS MOBILITY

National Parks, Public Beaches, Marinas, Dog Parks, Plazas, and Public Gardens.

- Drop in Mid March
- Increasing towards the end of May and beginning of summer.

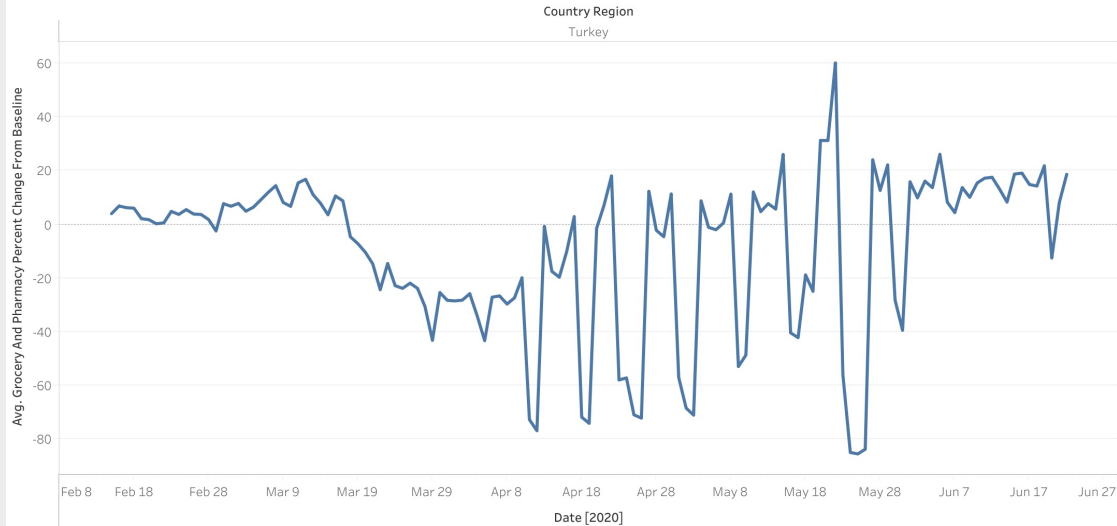




GROCERIES AND PHARMACIES

Grocery Markets, Food Warehouses, Farmers Markets, Specialty Food Shops, Drug Stores and Pharmacies.

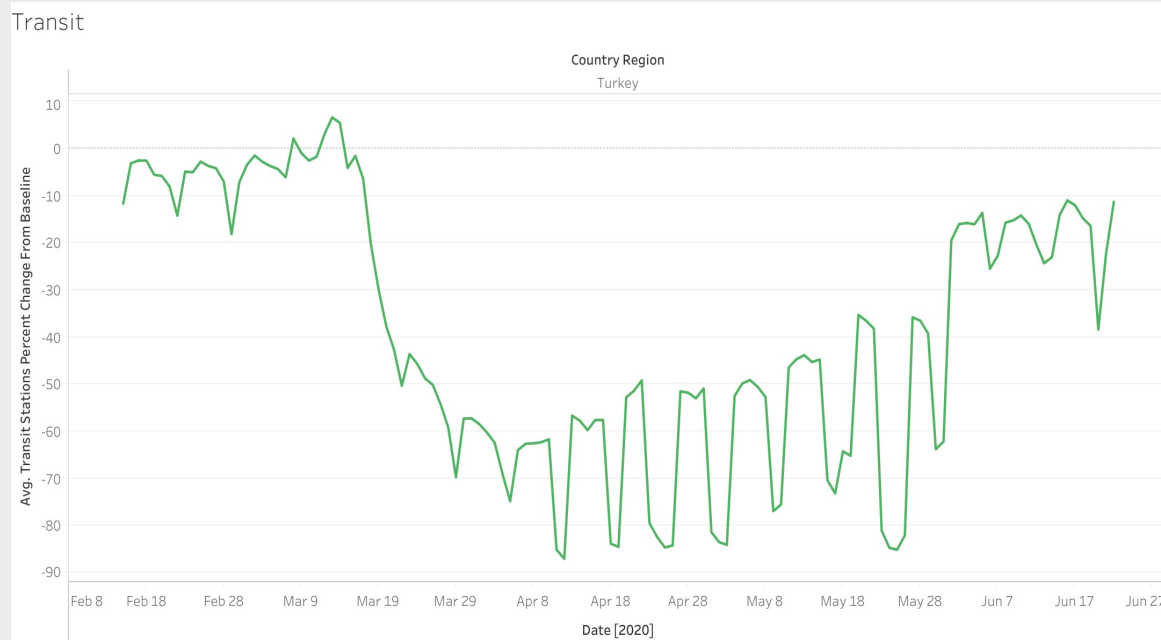
Groceries and Pharmacies



- Great peak on May 23rd and huge decrease on between 24th and 26th May

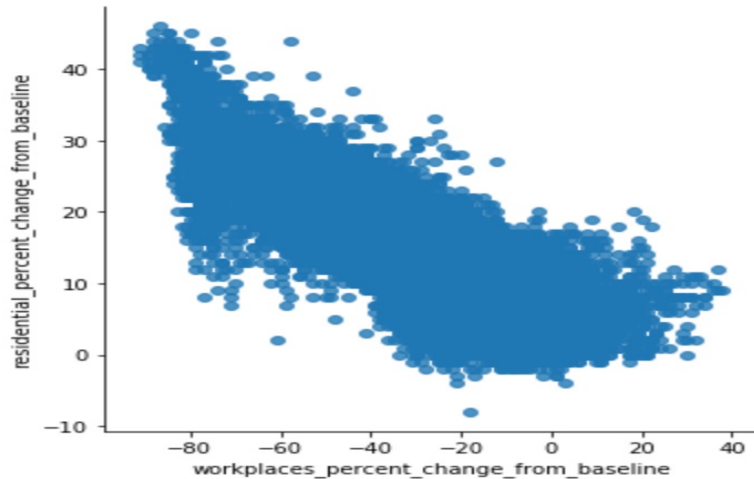
TRANSIT

Bus, Subway and Train Stations.



- Huge drop after mid-March
- Stays low relatively
- No schools, work from home
- Drops = weekend
- Increase = weekdays

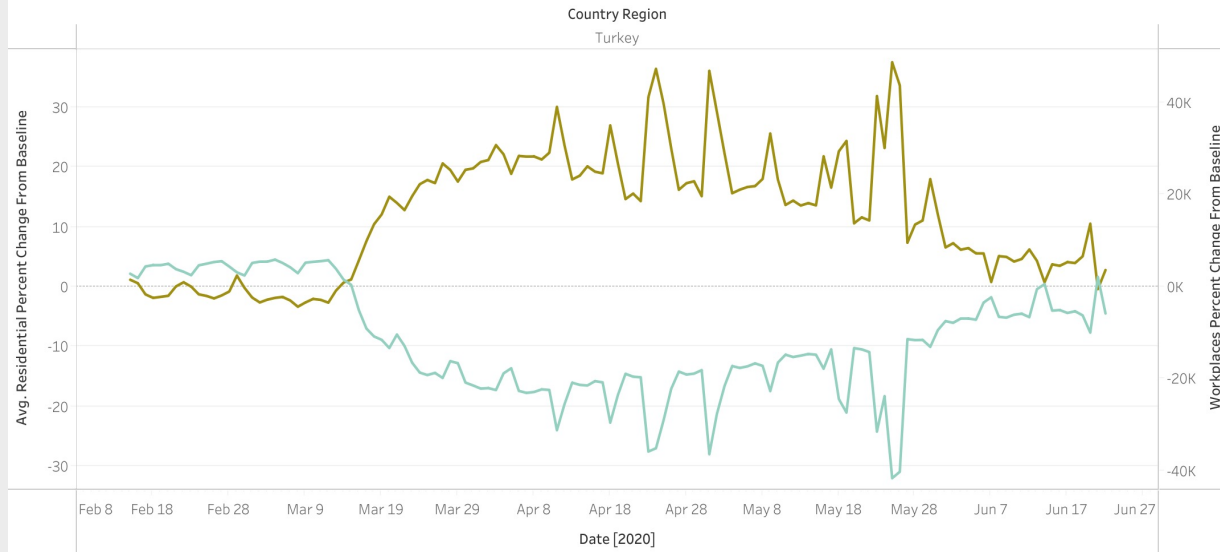
RESIDENTIAL vs WORKPLACE



- Scatter Plot of residential percentage change and workplace mobility change
- Negative Relation
- Workplace mobility decreases while the residential mobility change increases

RESIDENTIAL vs WORKPLACE

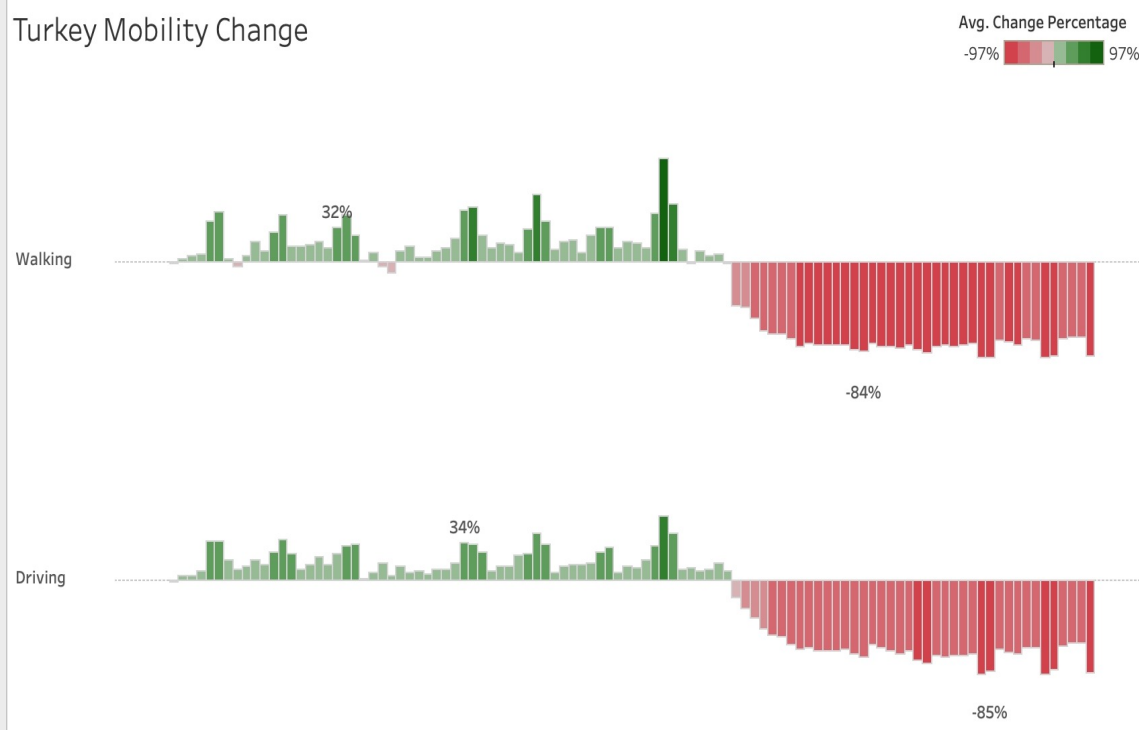
Workplace and Residential



Visualization of Inverse Relationship of Workplace and Residential Mobility

TYPE OF TRANSPORTATION

Turkey Mobility Change



- Apple Mobility Data
- Changes both in Walking and Driving methods of transportation
- Huge decrease after March 14th
- Green = Increase of change
- Red = Decrease of change



THE
END