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.

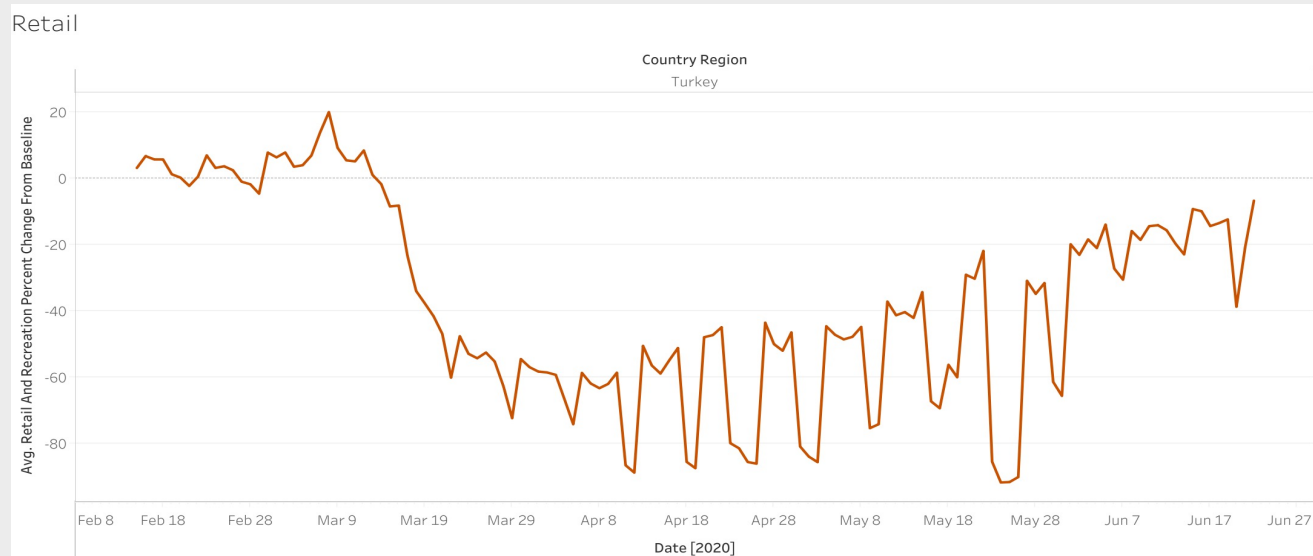- Work from Home

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.
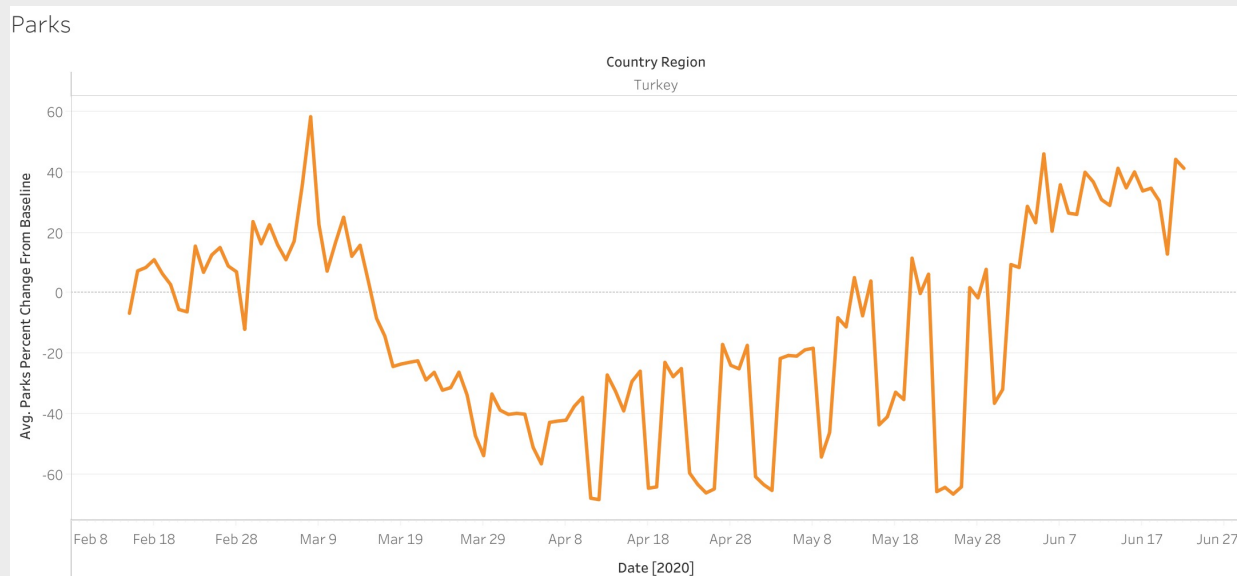

Retail

Country Region
Turkey

- 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.
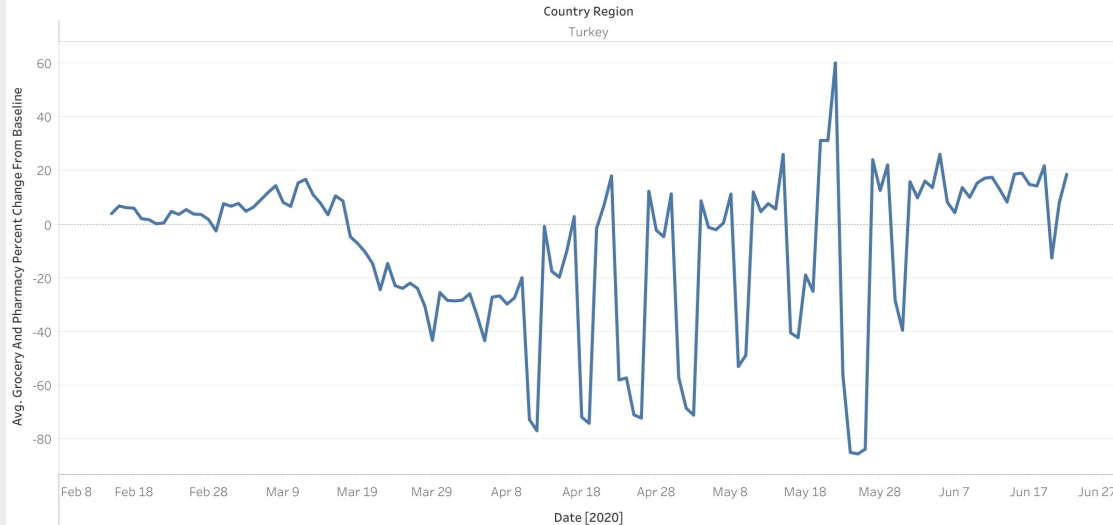

Parks

Country Region
Turkey

GROCERIES AND PHARMACIES

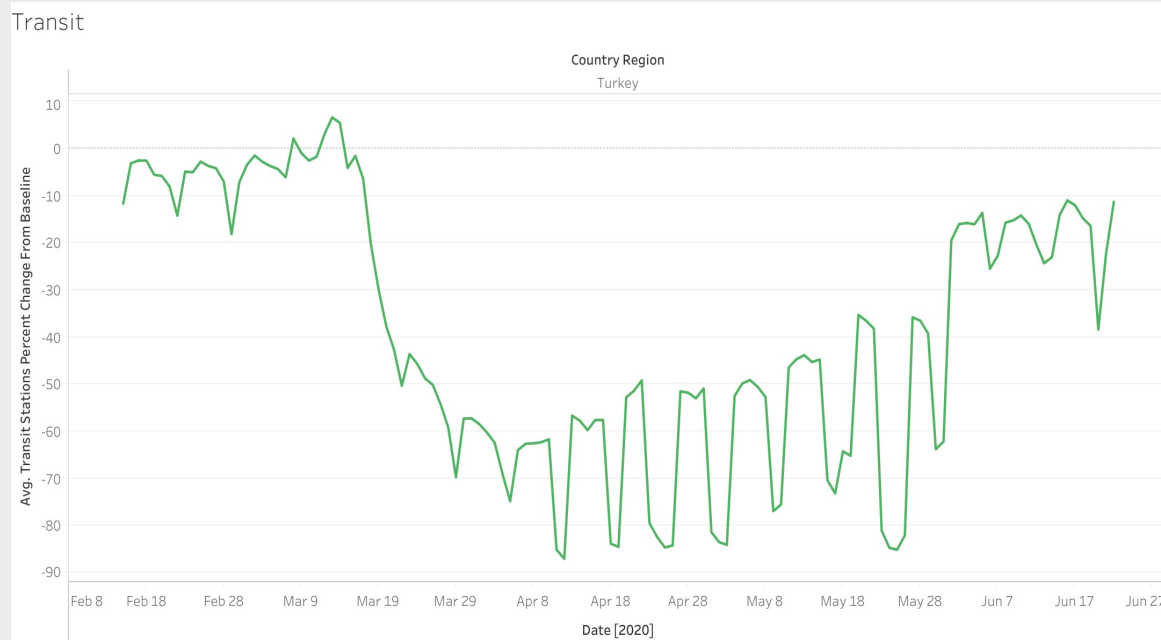Grocery Markets, Food Warehouses, Farmers Markets, Specialty Food Shops, Drug Stores and Pharmacies.

Groceries and Pharmacies

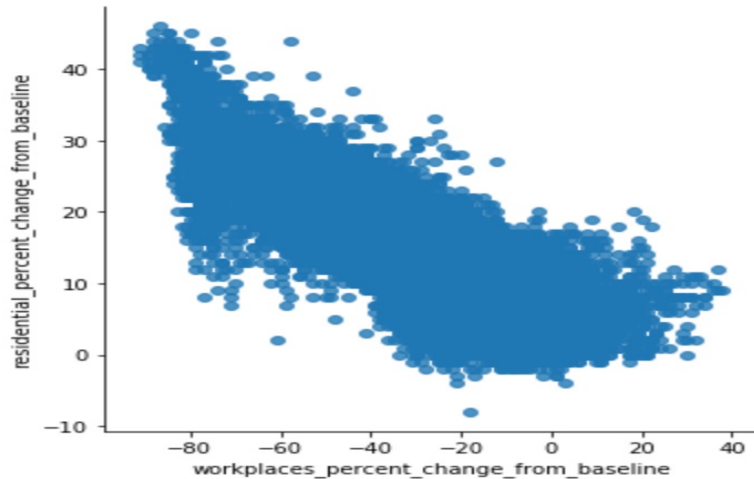- Great peak on May 23rd and huge decrease on between 24th and 26th May

TRANSIT

Bus, Subway and Train Stations.

Transit

Country Region
Turkey

- Huge drop after mid-May

- Stays low relatively

- No schools, work from home

- Drops = weekend
- Increase = weekdays
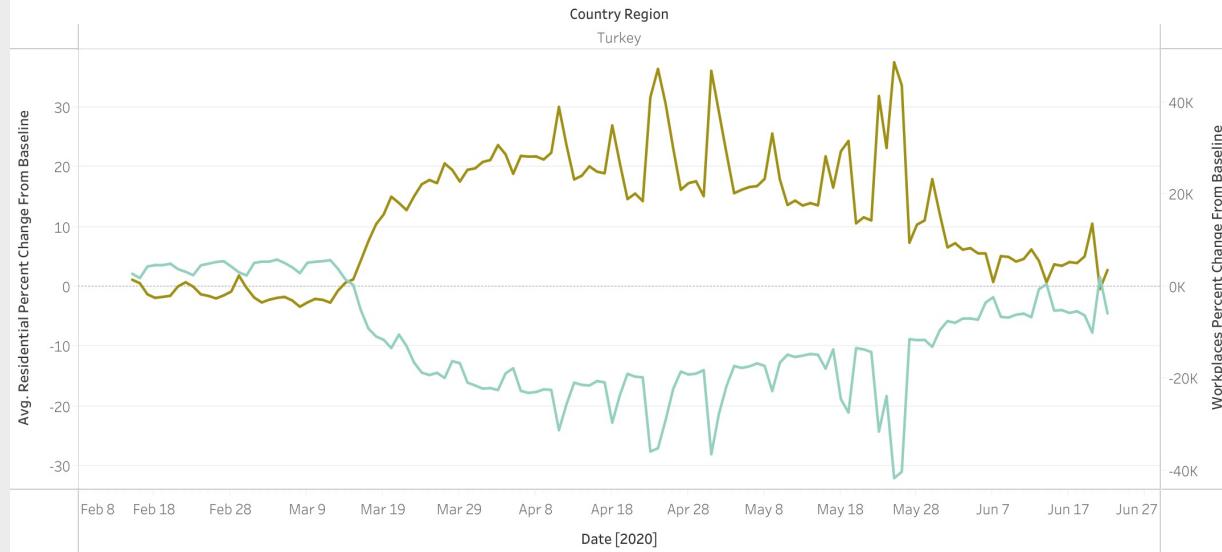
RESIDENTIAL vs WORKPLACE

- Scatter Plot of residential percentage change and workplace mobility change

- Negative Relation

- Workplace mobility decreases while the residential mobility change increases
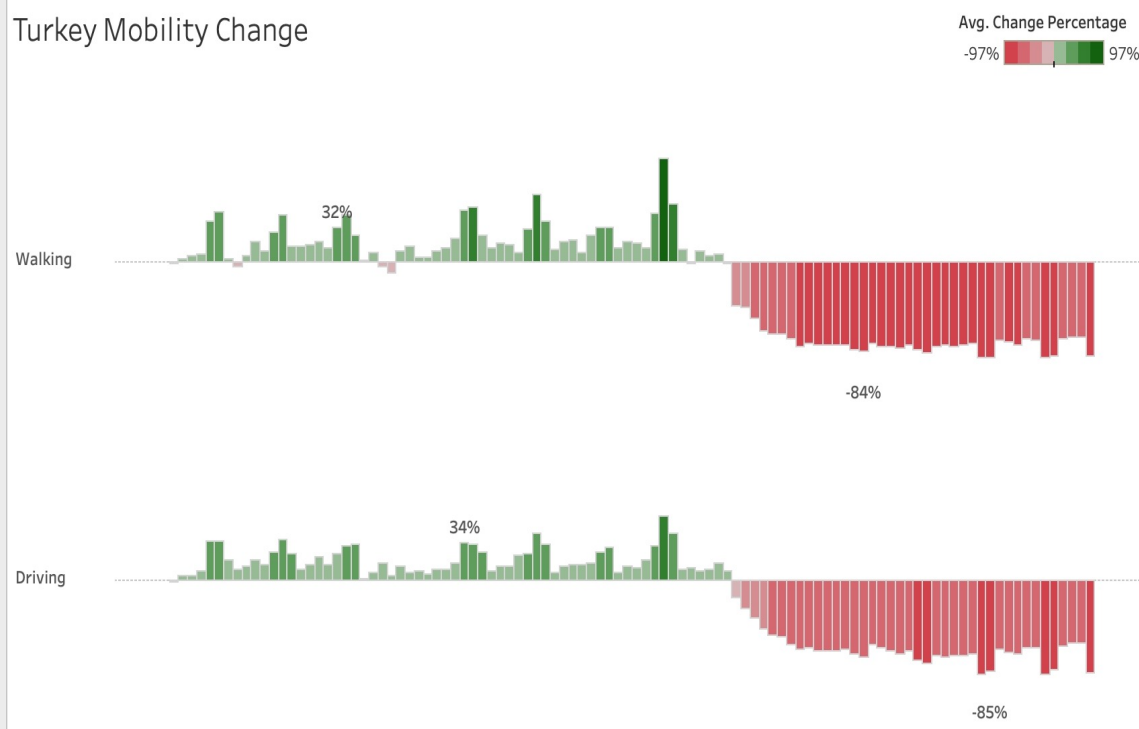
Visualization of Inverse Relationship of Workplace and Residential Mobility

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