Title The city and its restaurants in a pandemic

Research Topic

Topic: I am visualising the impact of COVID19 on the NYC food service industry because I want to show that it has been harmed considerably and highlight the changes the city as a whole might undergo as a result

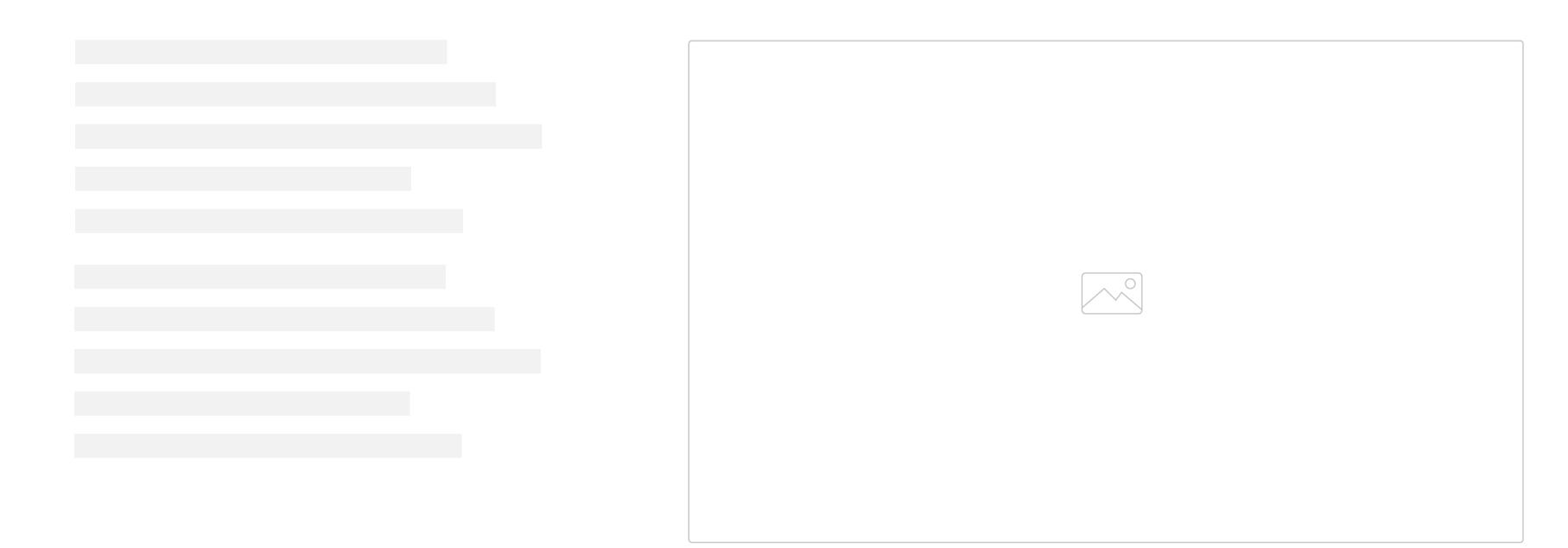
Audience: People who live in NYC, food industry, city officials.

Prior expectation of knowledge from audience: They should know about the COVID19 lockdowns and reasoning behind why restaurants and bars were shut down in order to curtail the spread.

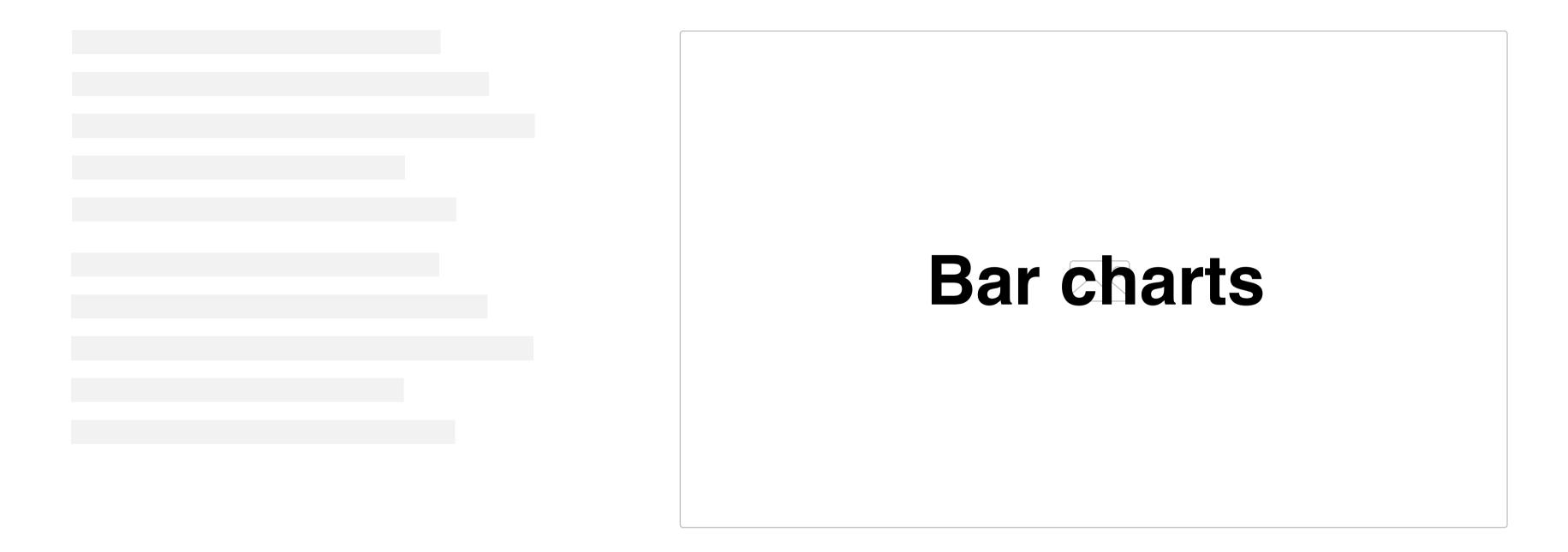
Distribution channel: They will engage with an online data-driven story and will be able to interact with many of the visualisations (especially those with many dimensions like the federal pay support data). Often, the scrolling will trigger events on the same visualisation 'canvas' and transform.

Ask from the audience: Mostly scroll, explore filters and look around the hospitality industry around their neighbourhoods.

Overview



Historical dimension of restaurants and bars

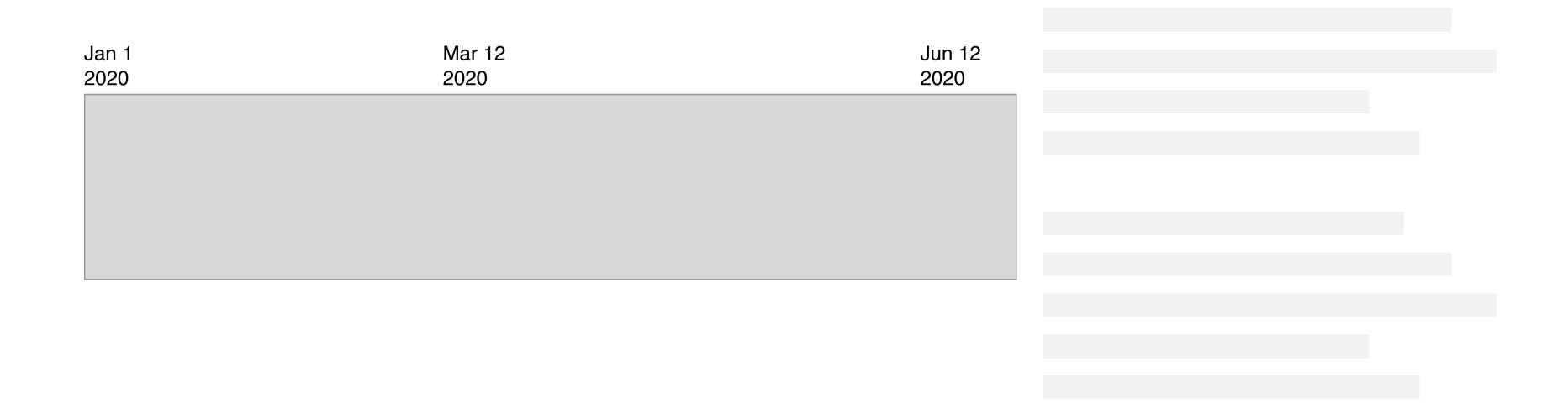


Importance of the service industry to NYC

Economic significance

Cultural significance

Timeline of COVID19 in NYC and restaurants



Themes

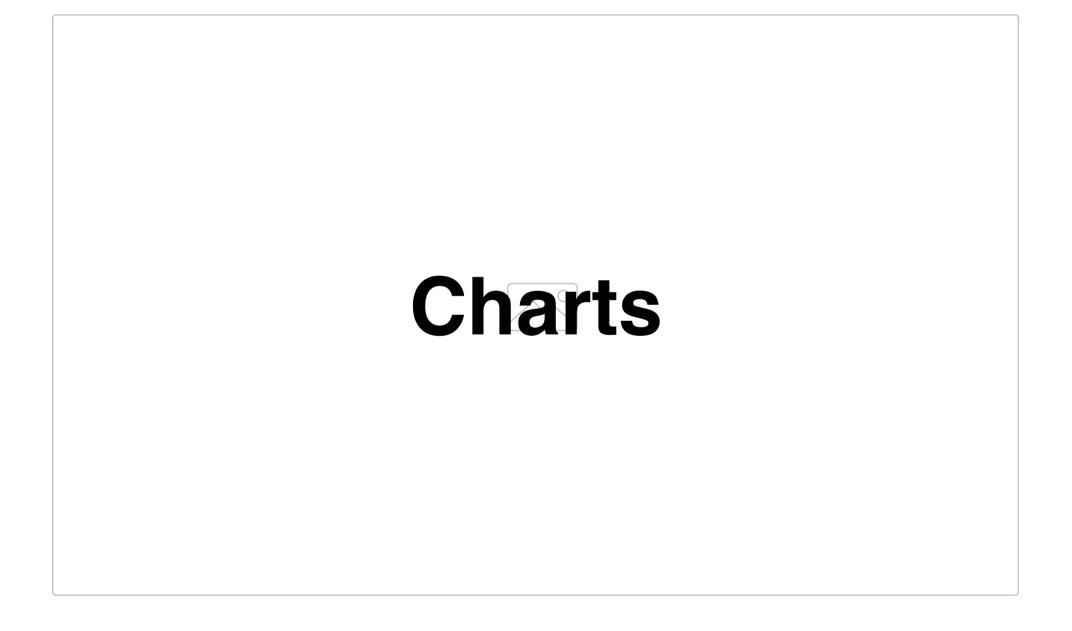
The Damage

The Labour

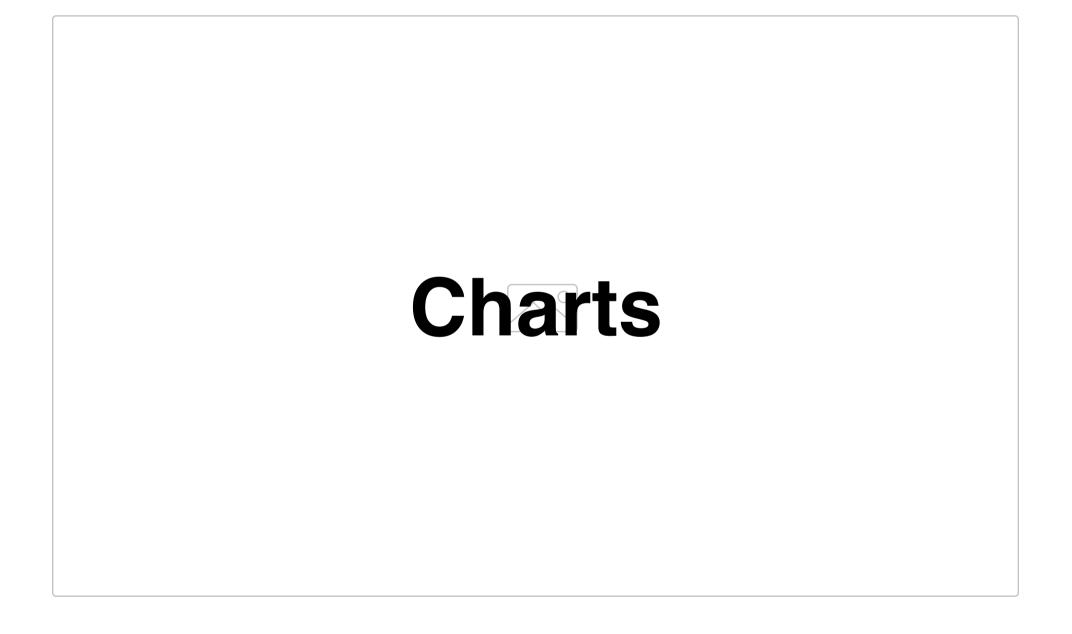
The Support

The Changes

What does the fallout from the pandemic looks like? City's perspective



What does the fallout from the pandemic looks like? Hospitality industry's perspective



Where have the losses been? Neighbourhood analyses

Maps

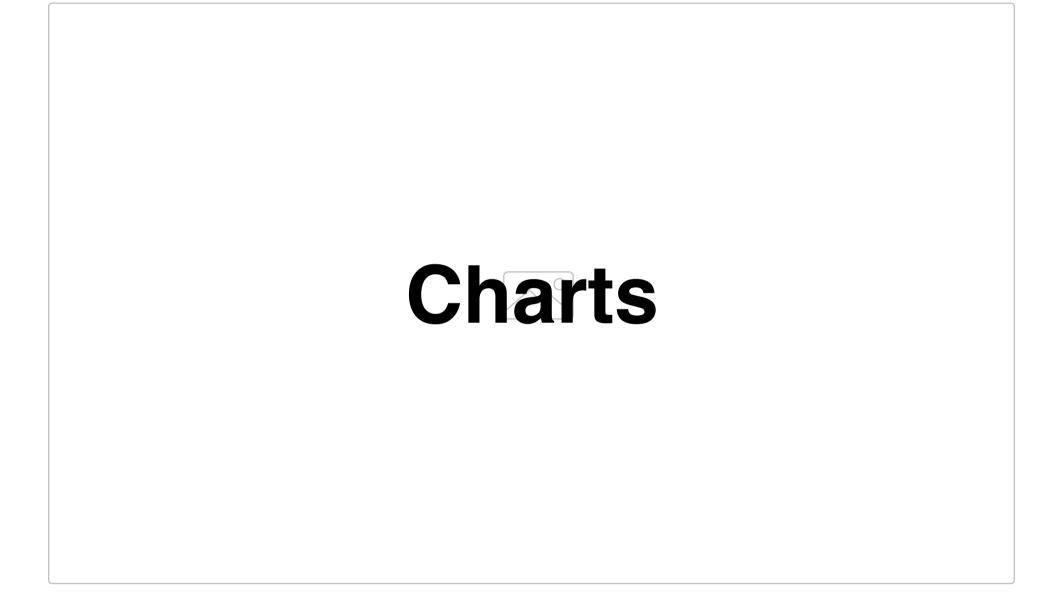
Where have the losses been? Cuisines analyses

The Labour

What was the labour market in NYC restaurants before COVID19?

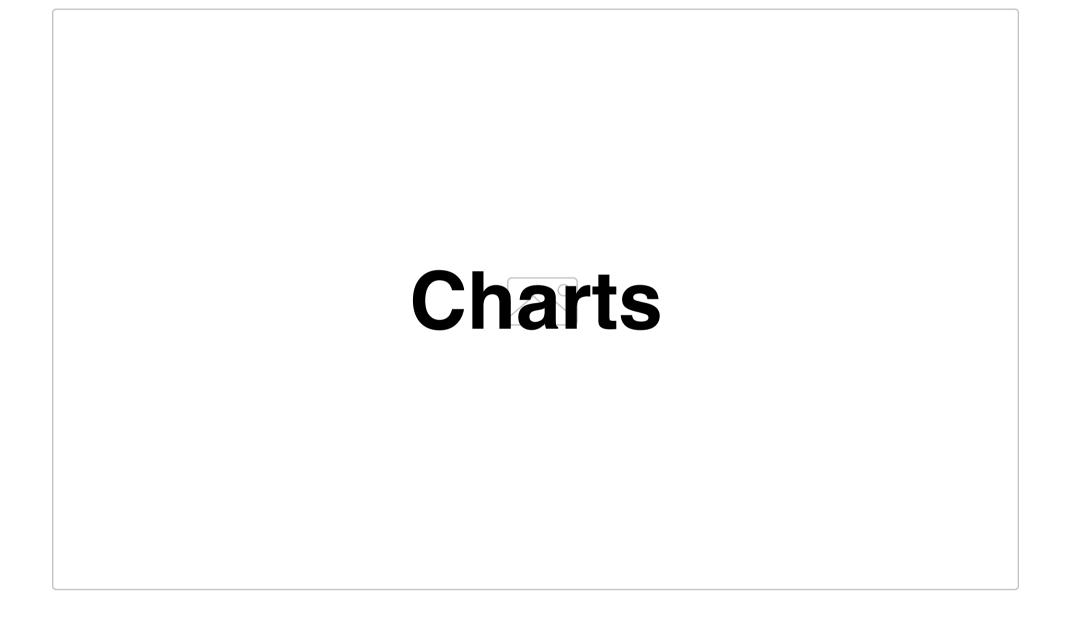
The Labour

What does it look right now?



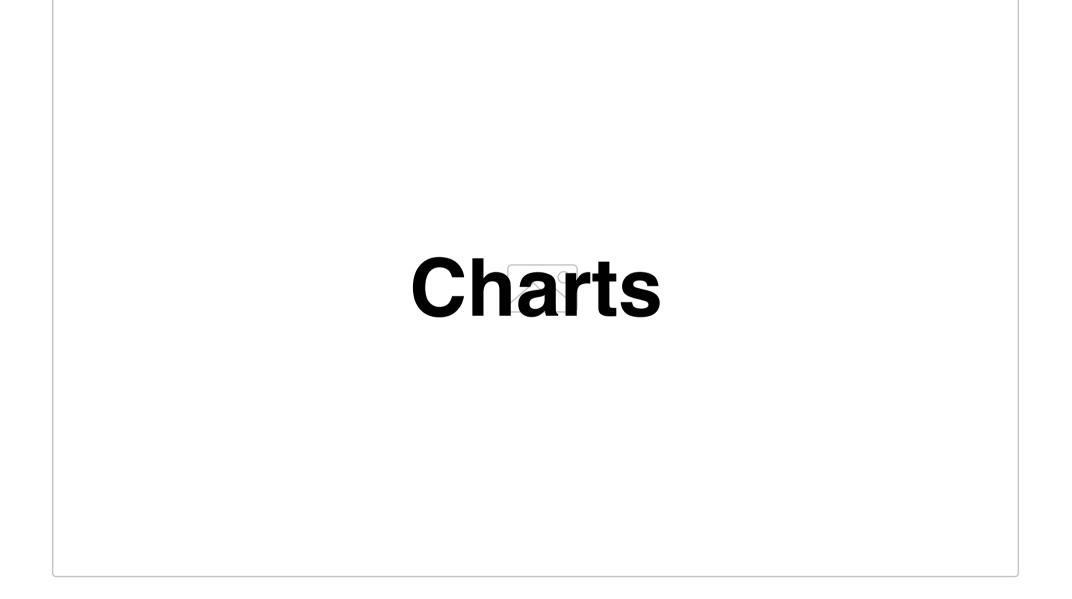
The Labour

The double burden on the undocumented labour of the industry



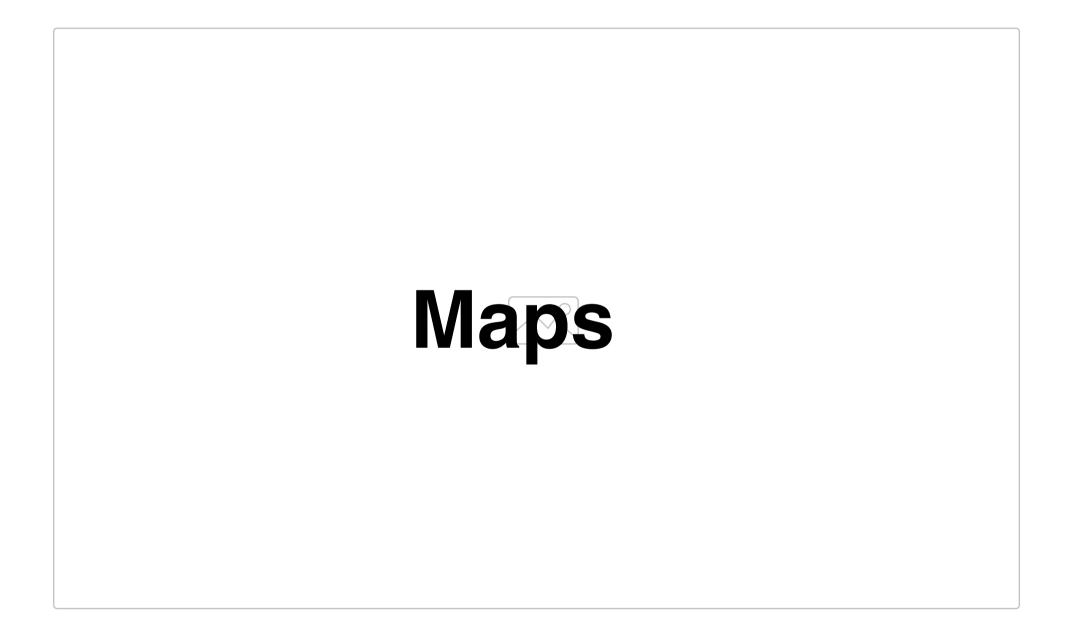
What was needed for the restaurants to survive? Wage support and direct funds to restaurants

What was the actual government support given?



Who ended up receiving it?

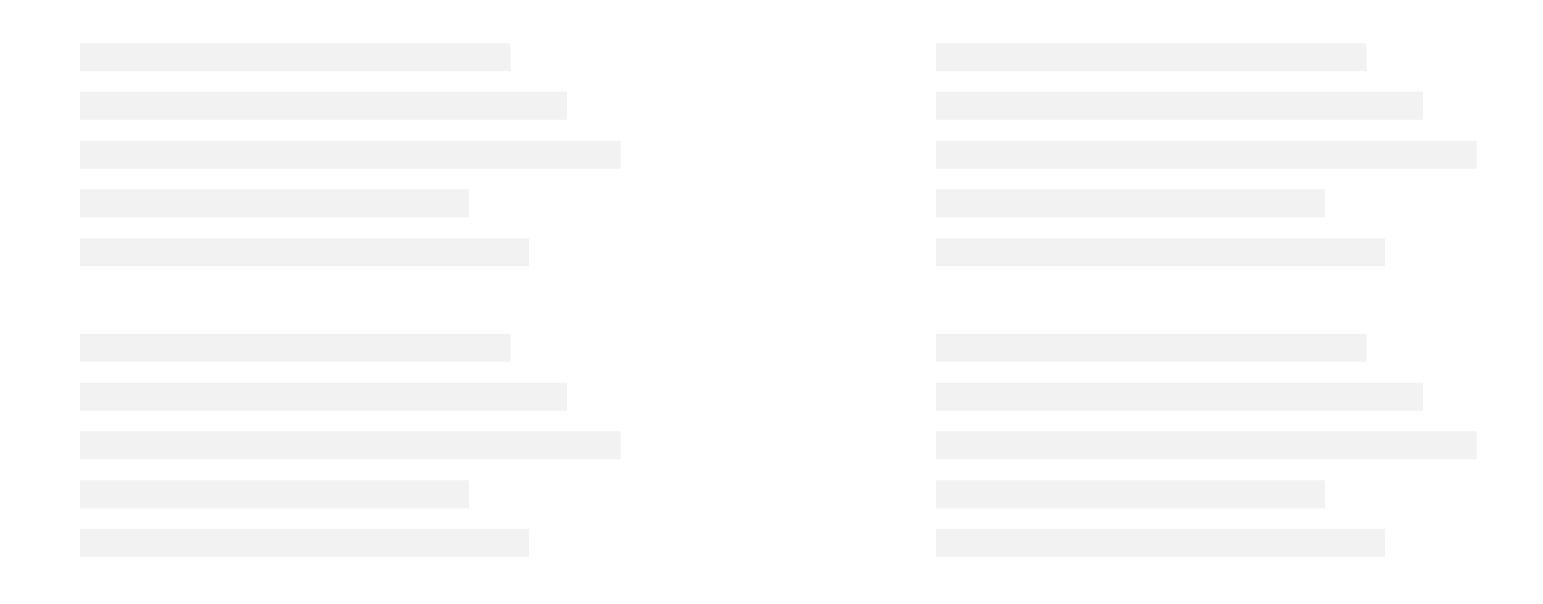
How does the support vary by neighbourhood?



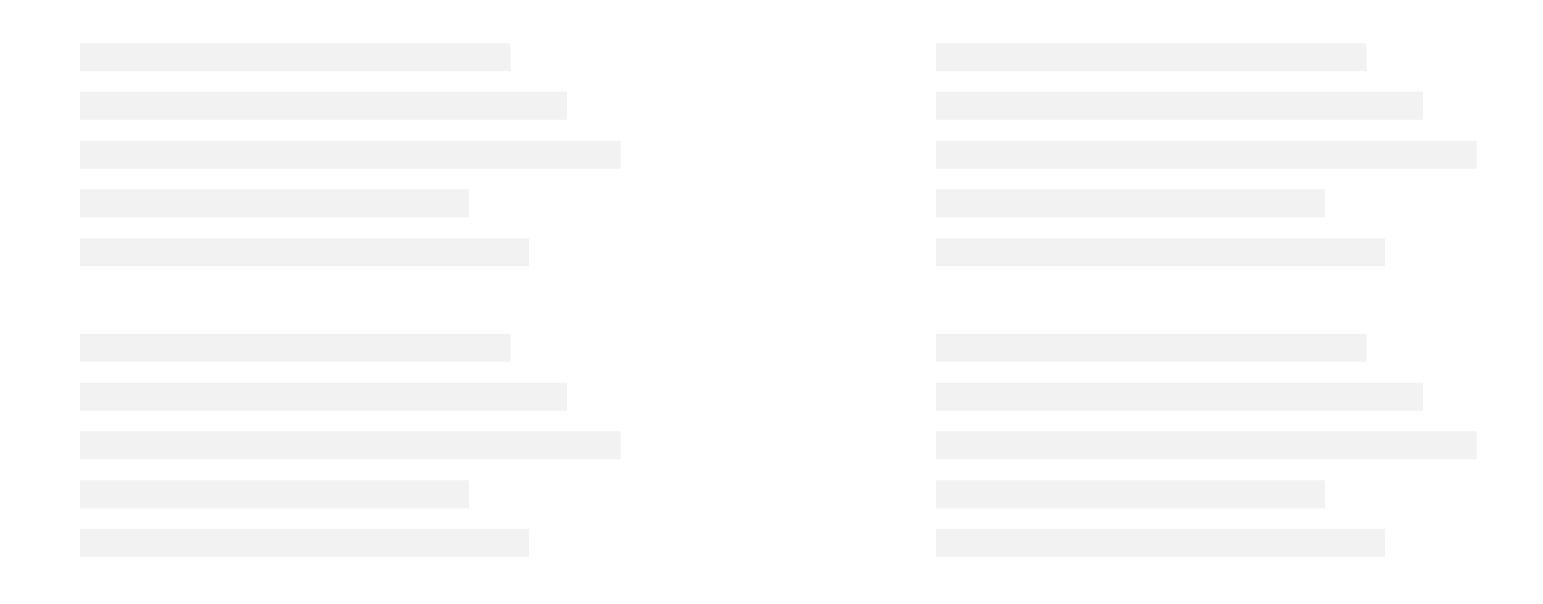
How has the re-oppening progressing?



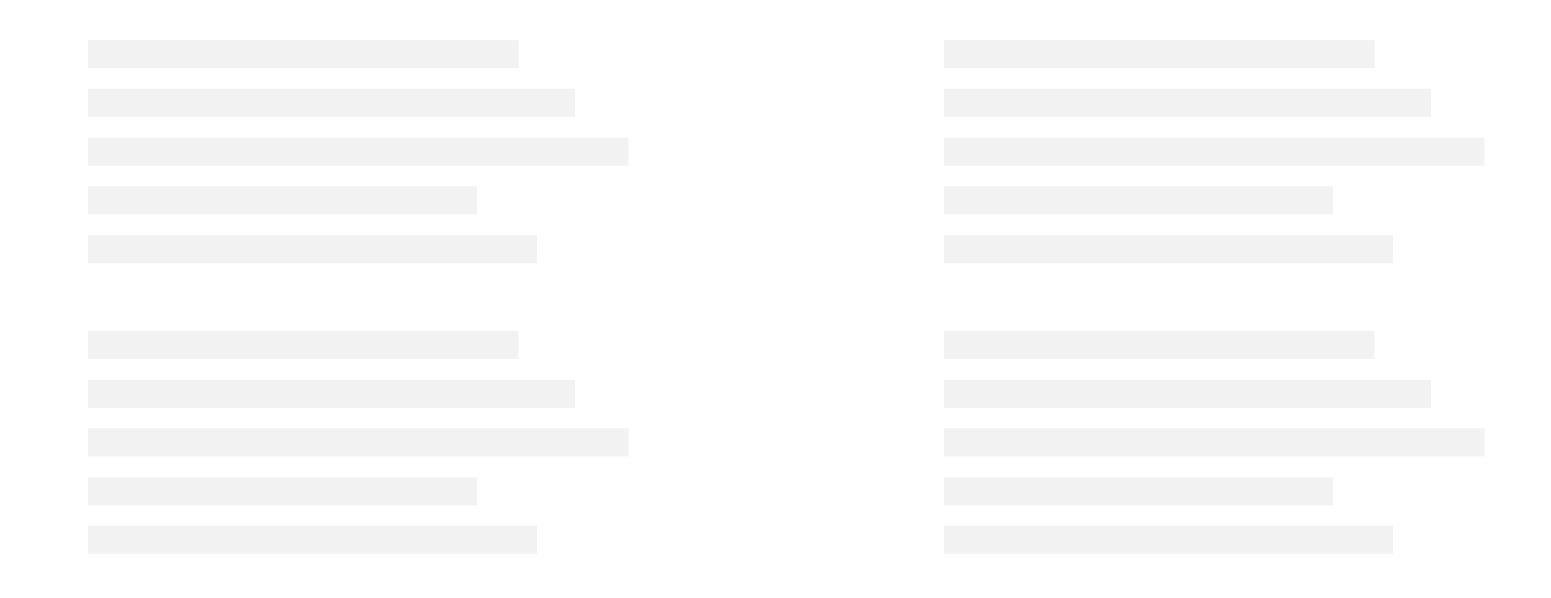
How have menus changes?



How have menus changes?



Have customer expectations changed?



Data

NYC Inspection data

NYC Open restaraunt data

NYT and Eater closed restaurantsdata

Census data ZIP Codes Business Patterns (ZBP)

Processing

TBD

Output/UI

Restaurants closed/ shutdown/ reopening

Unemployment in the industry workers

Fiscal support + changes in open spaces GIS shapefiles

Reviews and menus