

Influence of the pandemic on global prices and  
household grocery expenditure composition

**SI649 GROUP  
PROJECT  
GROUP 18**



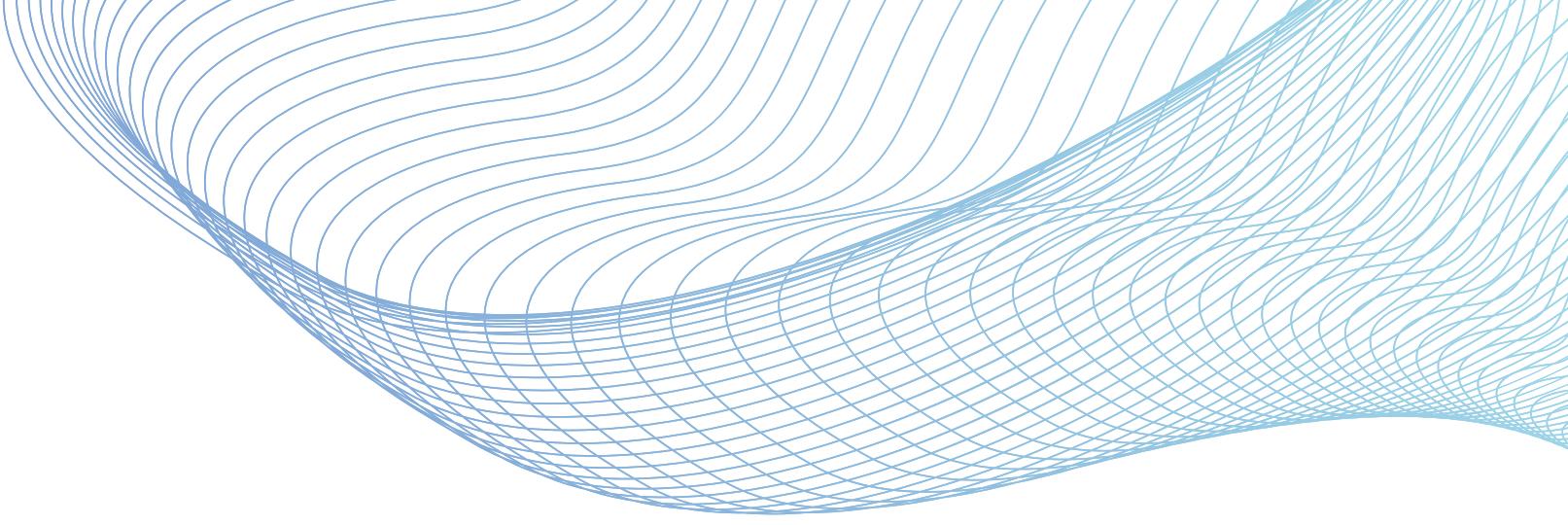
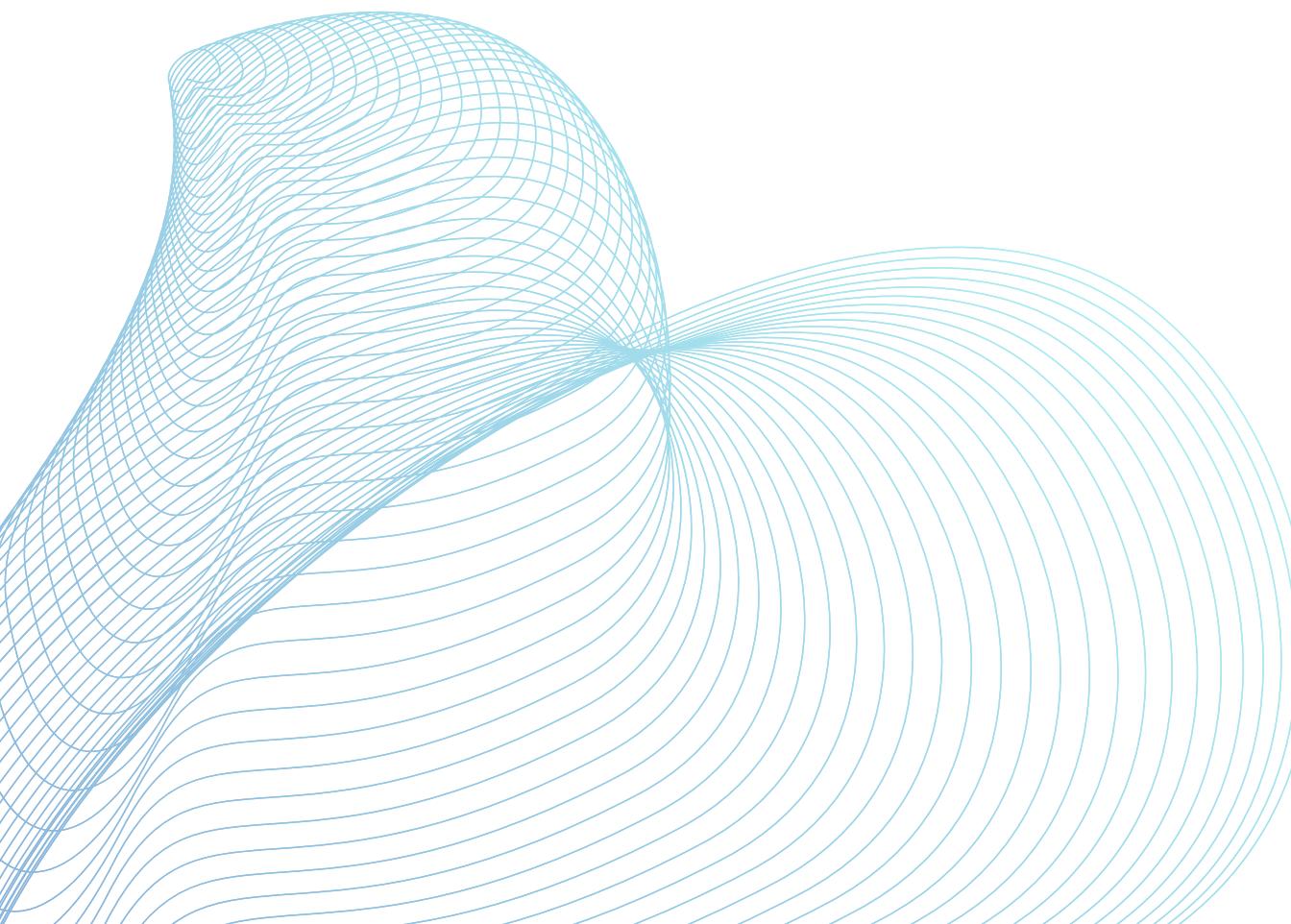
# TOPIC

Influence of the pandemic on global prices and household grocery expenditure composition



# APPROACH

An interactive website accompanying a  
(imagined) research paper on some economic  
questions.



# DATA



## International Money Fund-- Primary Commodity Prices

Commodity.Description	All Commodity Price Index, 2016 = 100, includes both Fuel and Non-Fuel Price Indices	Commodities for Index: All, excluding Gold, 2016 = 100	Non-Fuel Price Index, 2016 = 100, includes Precious Metal, Food and Beverages and Industrial Inputs Price Indices	Food and Beverage Price Index, 2016 = 100, includes Food and Beverage Price Indices
Data Type Frequency	Index Monthly	Index Monthly	Index Monthly	Index Monthly
2021M10	191.01	196.52	145.77	127.04
2021M11	182.50	186.66	145.74	128.91
2021M12	186.09	190.96	148.83	132.55
2022M1	191.64	196.85	157.25	138.51
2022M2	203.00	209.14	163.56	145.39
2022M3	238.86	248.24	174.63	154.41
2022M4	227.09	235.26	176.32	158.32
2022M5	225.24	233.95	168.93	155.40
2022M6	230.67	240.12	163.30	150.25
2022M7	228.66	238.78	149.05	139.33
2022M8	241.34	252.66	147.96	136.83
2022M9	219.70	229.30	143.35	133.31
2022M10	191.04	197.55	143.47	135.27
2022M11	191.07	197.02	145.58	134.98
2022M12	193.86	199.51	149.18	134.42
2023M1	182.11	185.52	153.64	135.41

# DATA



World Health Organization

covid data



Table 1. Real Gross Domestic Product and Related Measures: Percent Change from Preceding Period

Table 2. Contributions to Percent Change in Real Gross Domestic Product

Table 3. Gross Domestic Product: Level and Change from Preceding Period

Table 4. Price Indexes for Gross Domestic Product and Related Measures: Percent Change from Preceding Period

Table 5. Real Gross Domestic Product: Annual Percent Change

Table 6. Real Gross Domestic Product: Percent Change from Quarter One Year Ago

Table 7. Relation of Gross Domestic Product, Gross National Product, and National Income

Table 8. Personal Income and Its Disposition

Appendix Table A.--Real Gross Domestic Product and Related Aggregates: Percent Change From Preceding Period and Contributions to Percent Change

Appendix Table B.--Not Seasonally Adjusted Real Gross Domestic Product: Level and Percent Change From Quarter One Year Ago

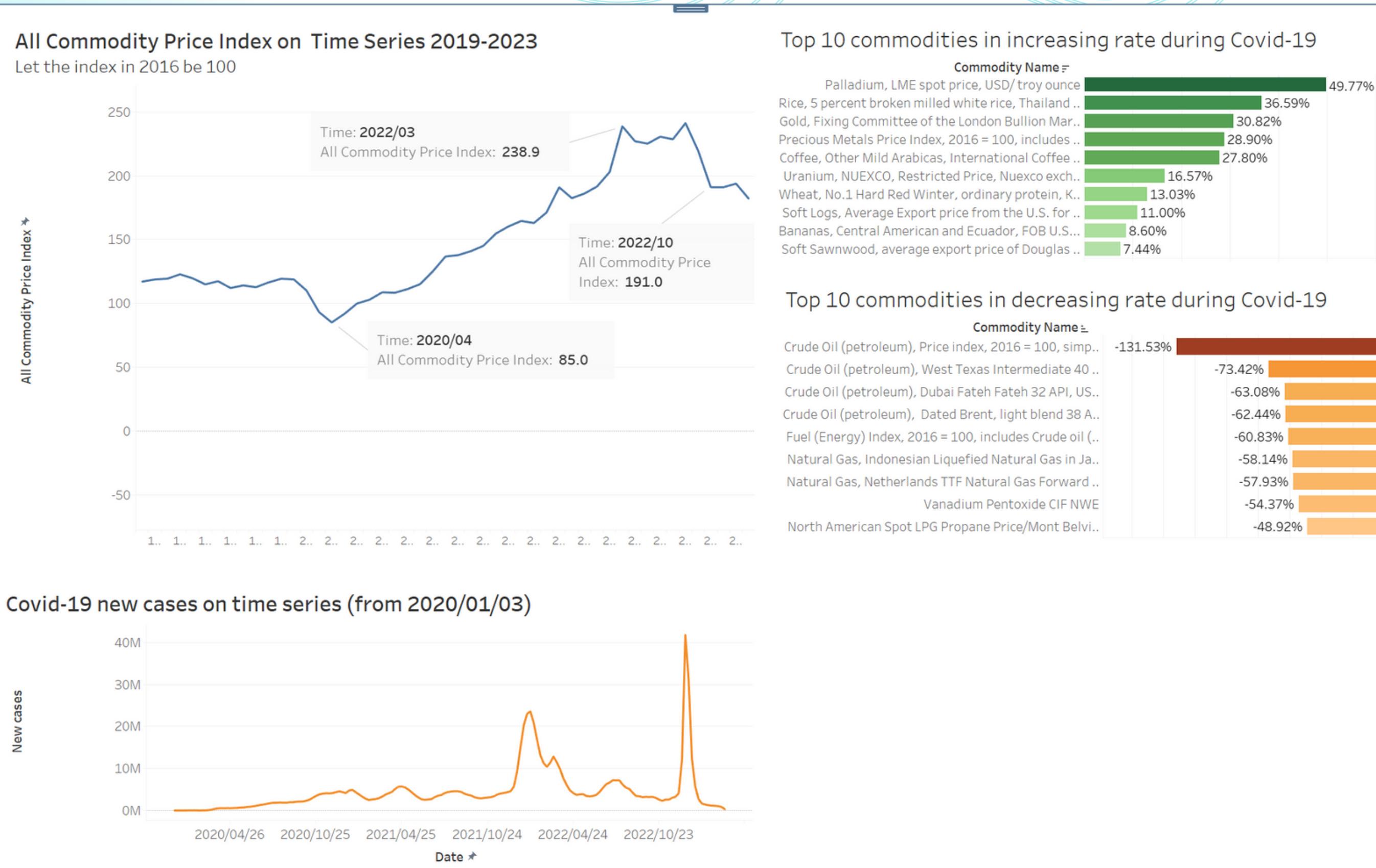
# DATA



U.S. Bureau of labor statistics--  
consumer expenditure surveys

- [Total average annual expenditures by Income Quintiles: All Consumer Units](#)
- [Wages and salaries by Occupation: All Consumer Units](#)
- [Furniture by Income Quintiles: All Consumer Units](#)
- [Food by Income Quintiles: All Consumer Units](#)
- [Furniture by Income Quintiles: Lowest 20 percent income quintile](#)
- [Furniture by Income Quintiles: Highest 20 percent income quintile](#)
- [Furniture by Income Quintiles: Third 20 percent income quintile](#)
- [Furniture by Income Quintiles: Fourth 20 percent income quintile](#)

# Global commodity price change during the Covid-19



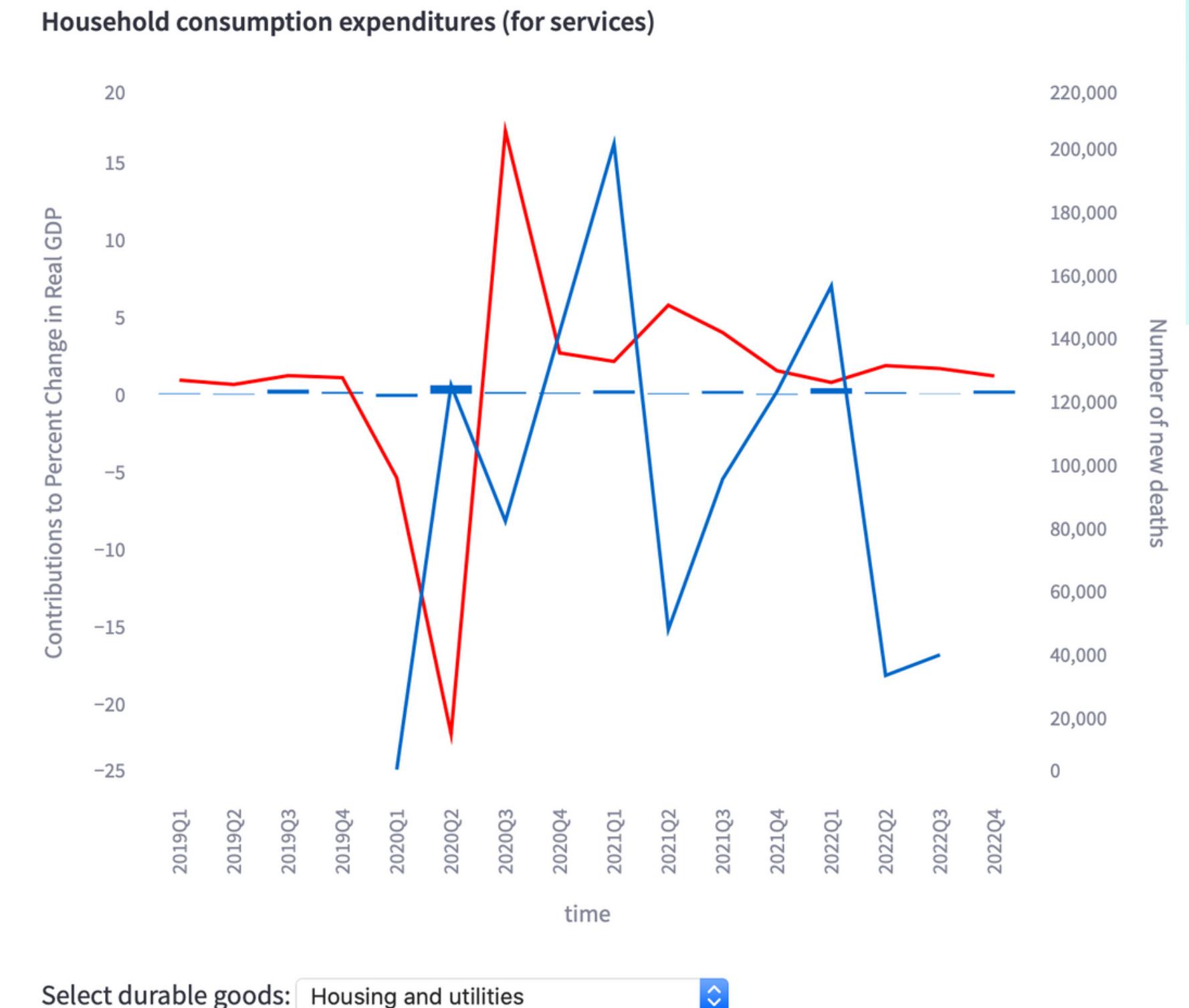
# Household data v.s. Covid Death rate

- blue line represent death rate

-Government consumption



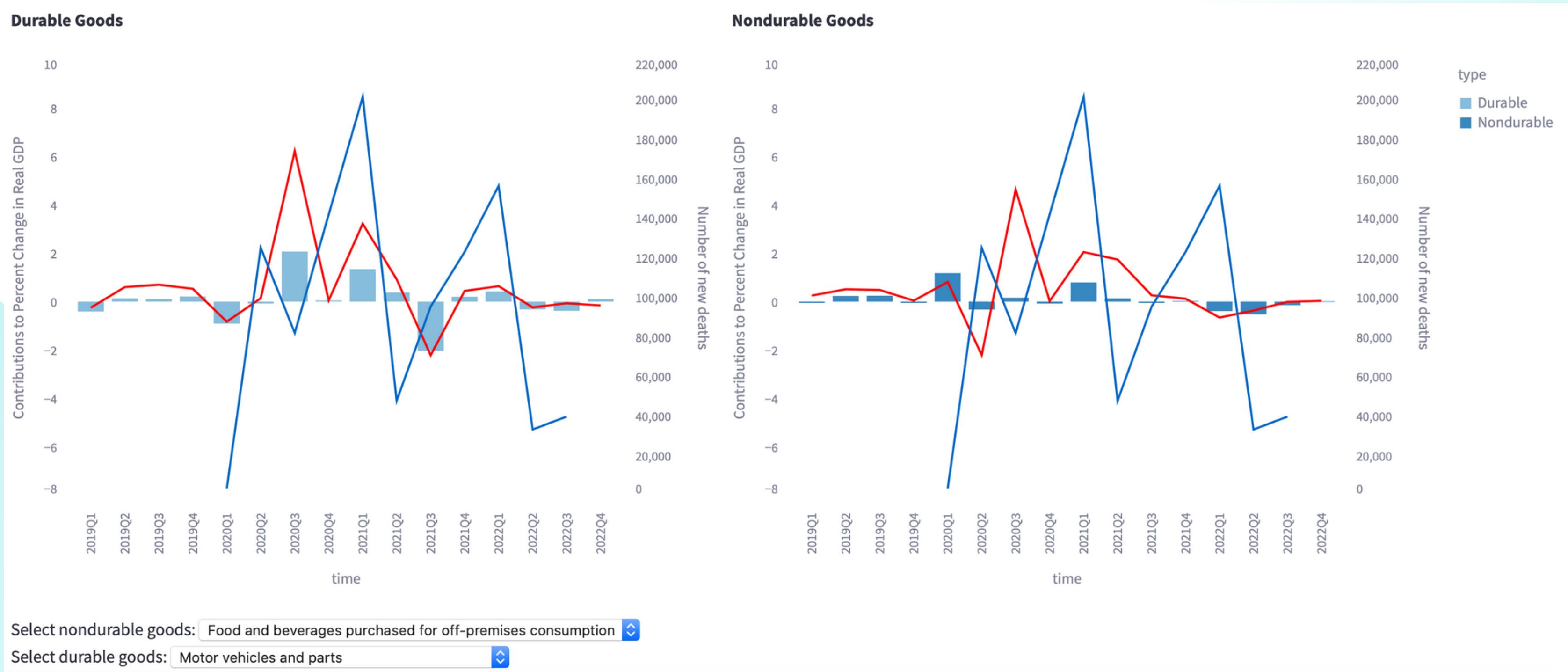
-Service



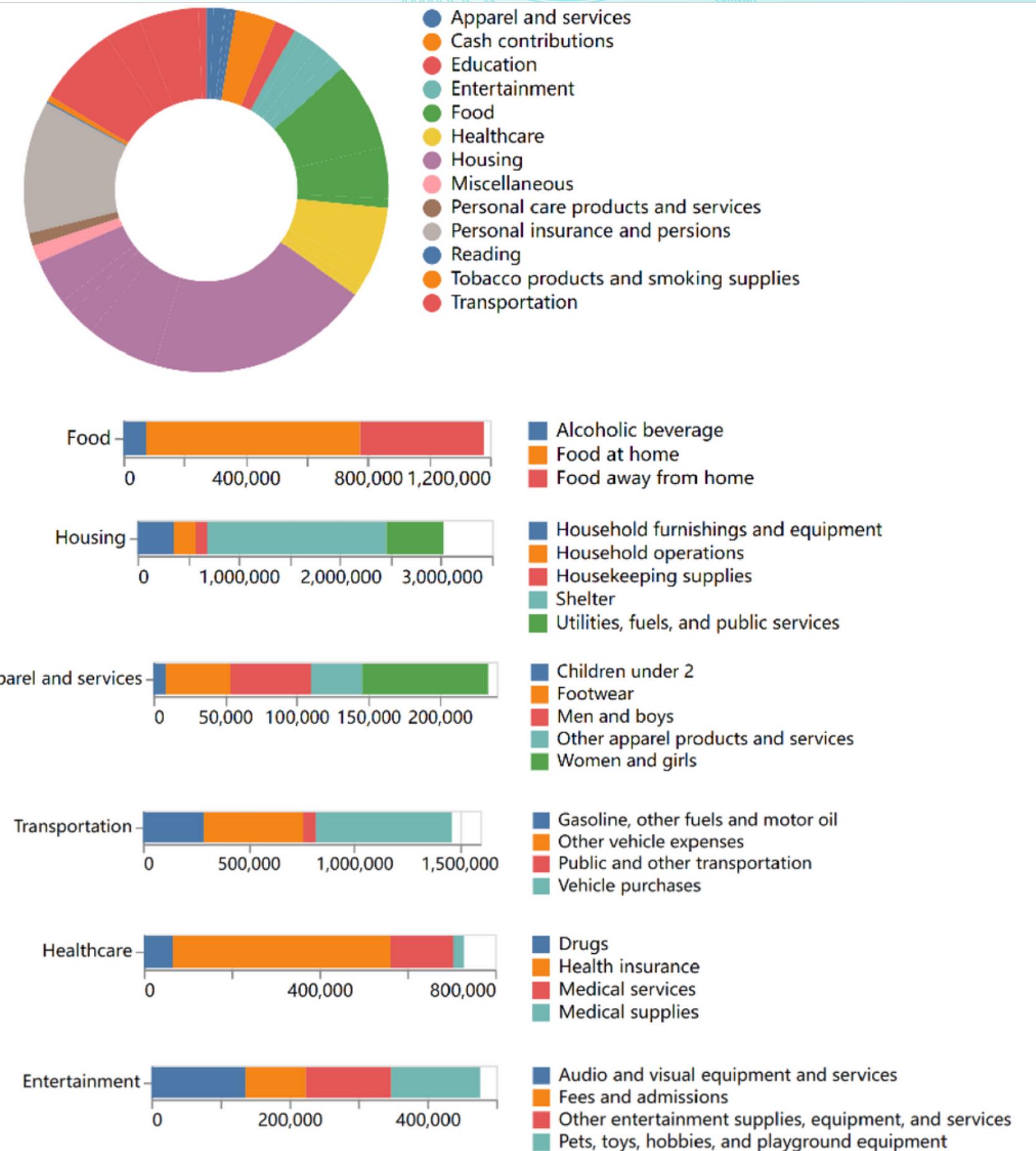
# Household data v.s. Covid Death rate

- blue line represent death rate

## -Goods



# **Consumer expenditure during covid-19**



# FEEDBACKS

- Do you have any suggestions on the preliminary visualizations we make now?
- We're still discussing about how to put the three parts consistently together, do you have some advice?



THANKS  
FOR YOUR  
LISTENING

We are happy to hear from your suggestions and feedbacks.