

Data in the fight against COVID-19

What do we learn?



UN World Data Forum Webinar

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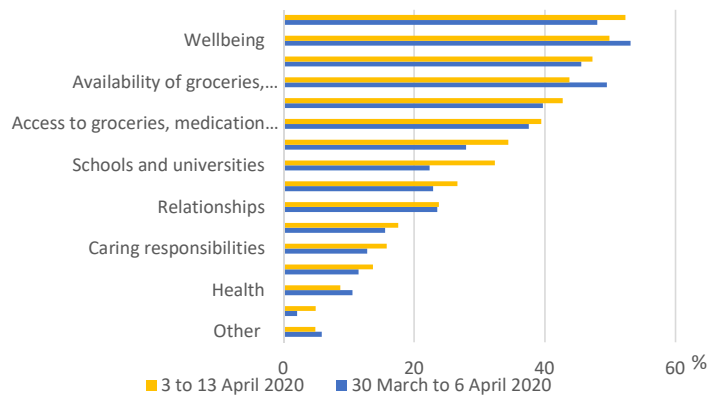
29 April 2020

COVID-19 Response

ONS ROLE



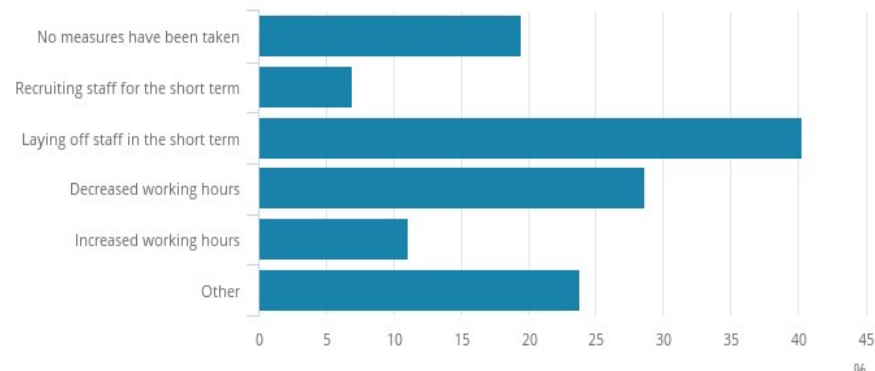
How COVID-19 is affecting people's lives



Source: Opinion and Lifestyle Survey, Wave 3 (n = 1,203)

Changes to staffing, UK, 23 March to 5 April 2020

For UK businesses that are continuing to trade (75.4% of responding businesses)



Source: BICS final results, Wave 2 (n = 4,650)

Note: The percentages in this chart will not sum to 100% as businesses were able to select multiple options of all businesses responding in this period, 24.3% have temporarily paused trading, 0.3% have permanently ceased trading

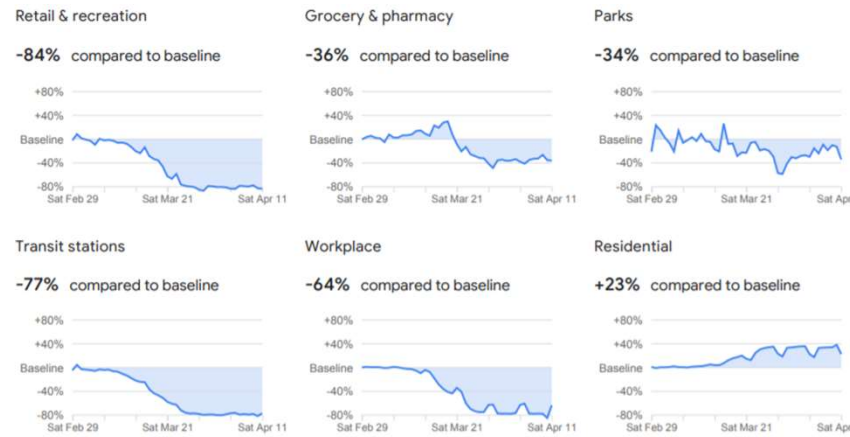
New Developments

- Online Labour Market - To provide experimental employment estimates to the current Labour Force Survey
- UK Serology Study - Measure rates of infection and how many people have developed antibodies to the virus over time

ONS, GOVERNMENT, PUBLIC HEALTH ENGLAND

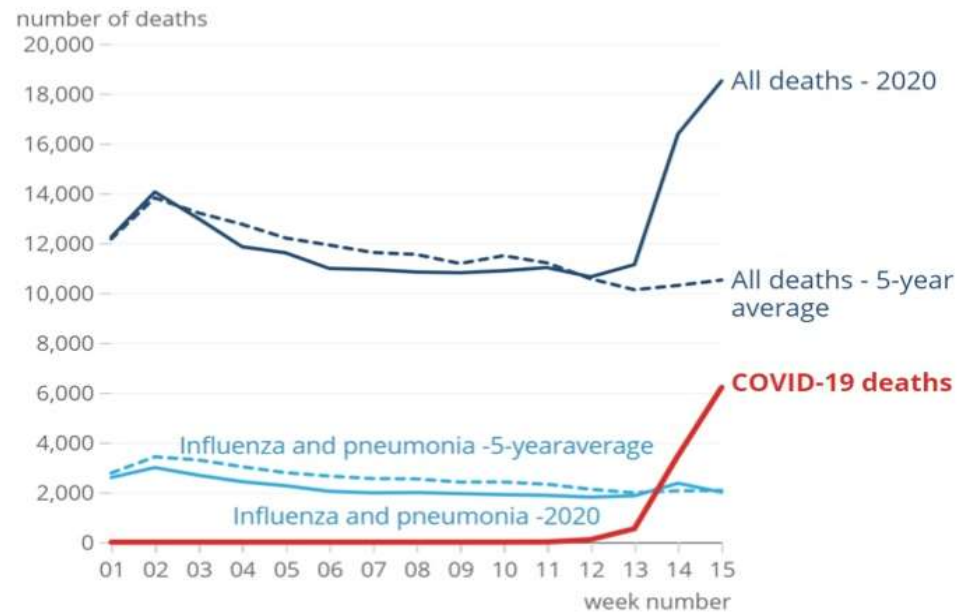


Mobility trends, Greater London



Source: Google, COVID-19 Community Mobility Reports

Number of registered death by week, England and Wales, 28 Dec 2019 to 10 April 2020



ONS CHALLENGES



Challenges we are overcoming

- Gaining access to new data sources, both in private and public sector
- Ingesting and analysing a wide array of commercial & admin real-time data.
- Making sense of the data we are receiving, especially new data, and building a clear narrative.
- Ensuring we have the data for monitoring and evaluation, system and people resilience.

Challenges we have overcome

- ✓ Rolling out new COVID-19 household, business, labour market and serological surveys at pace.
- ✓ Ensuring our core statistics remain robust in the face of major data collection and conceptual challenges.
- ✓ Rapidly providing the equipment and systems to enable around 4,000 ONS staff to work from home securely and safely.