



**MIS 376**

**KNOWLEDGE MAPPING AND DATA VISUALIZATION**

**FINAL PROJECT**

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The Covid-19 virus was first identified in December 2019 in Wuhan, China. The World Health Organization (WHO) declared a Public Health Emergency of International Concern about COVID-19 on 30 January 2020, and later declared a pandemic on 11 March 2020.

Everybody try to learn “what is the Covid-19 and how can we protect ourselves against the Covid-19 virus” on the televisions, news, social media platforms etc. However, most countries that in the whole world sealed their borders for reducing the number of people who have Covid virus.

In the beginnig of pandemic, hundreds of countries took precautions but England government did not take serious the Covid-19 and they did not take many precautions. Citizens protest to government for their attitude to Covid-19 but England Government was still doing nothing despite the increase in Covid-19 cases.

While Covid-19 cases keeping increase every day in whole world, England government realized their mistake and they accepted it.

After this, government took some precautions and they tried to reduce number of people who have Covid virus. England Government closed the businessess, airports, terminals etc to prevent people from relocating.

The most important protection from Covid-19 is social distancing and wearing mask. In this situation, some precautions were related with wearing mask and keeping social distance.

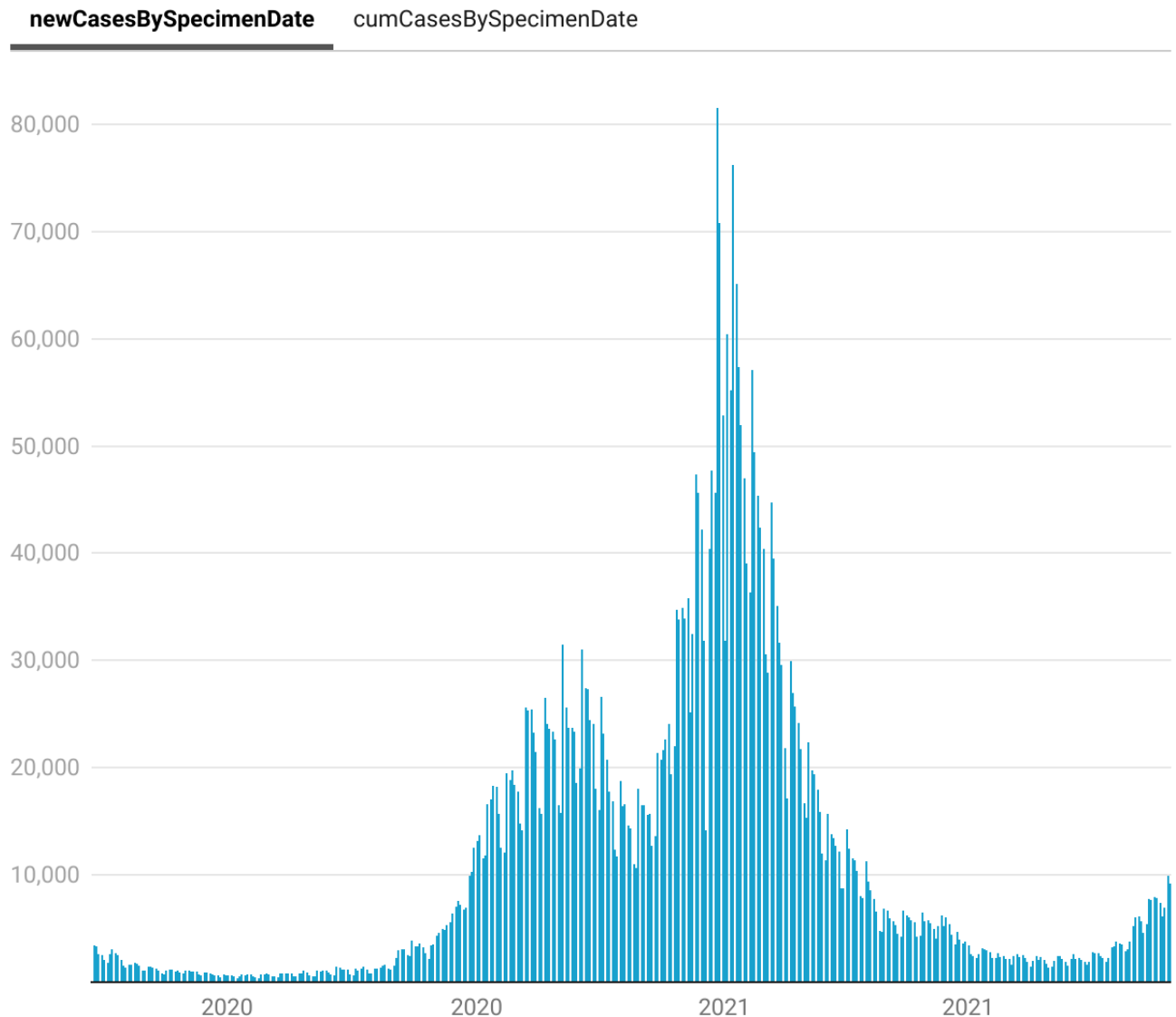
Government explained the measures have established three "Local Covid-19 Alert Levels" across the UK. These are "medium, high and very high” based on local case rates.

Noting that the "Medium Warning Level" will be applied across the country, government stated that accordingly, with the "six-person rule", bars and restaurants will continue to be closed after 10 PM.

Government stated that people living in areas where the "High Alert Level" is determined will be prevented from socializing with other families in other houses and indoor areas, and the 6-person rule will also apply in the private gardens of households in these regions. Government explained that Schools and most businessess closed, Interstate travel and international filghts has been suspended

There is a graph about England's Covid-19 cases. We can see the all new cases from January 2020 to June 2021.

## Cases in UK



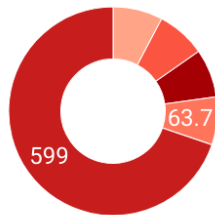
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England has two peak points up the now. In these peak date ranges, England Government get lockdown in whole country and most business affected negatively in the lockdown because they could not earn money in lockdowns.

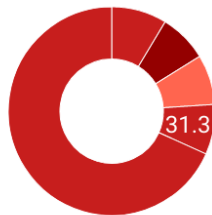
In the beginning of the Covid pandemic, business owners attended to a survey about Covid-19's economic impacts. The survey results can be seen from the graphs.

## Survey question: How much confidence does your business have that it will survive the next three months?

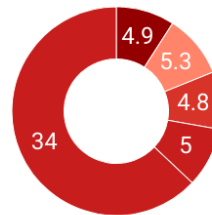
■ Yorkshire & the Humber 
 ■ North East 
 ■ North West 
 ■ East Midlands 
 ■ Northern Ireland  
■ Wales 
 ■ England 
 ■ South West 
 ■ London 
 ■ East England 
 ■ UK 
 ■ Other



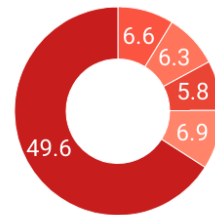
High confidence



Moderate confidence



Low confidence



Not sure

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As it can be seen in the result of survey, business owners has high confidence about their business' next three monts because England Government made public a financial support package for business - like a hundred countries -

Also, England Government were a lot of support measures in place to assist businesses affected by the pandemic.

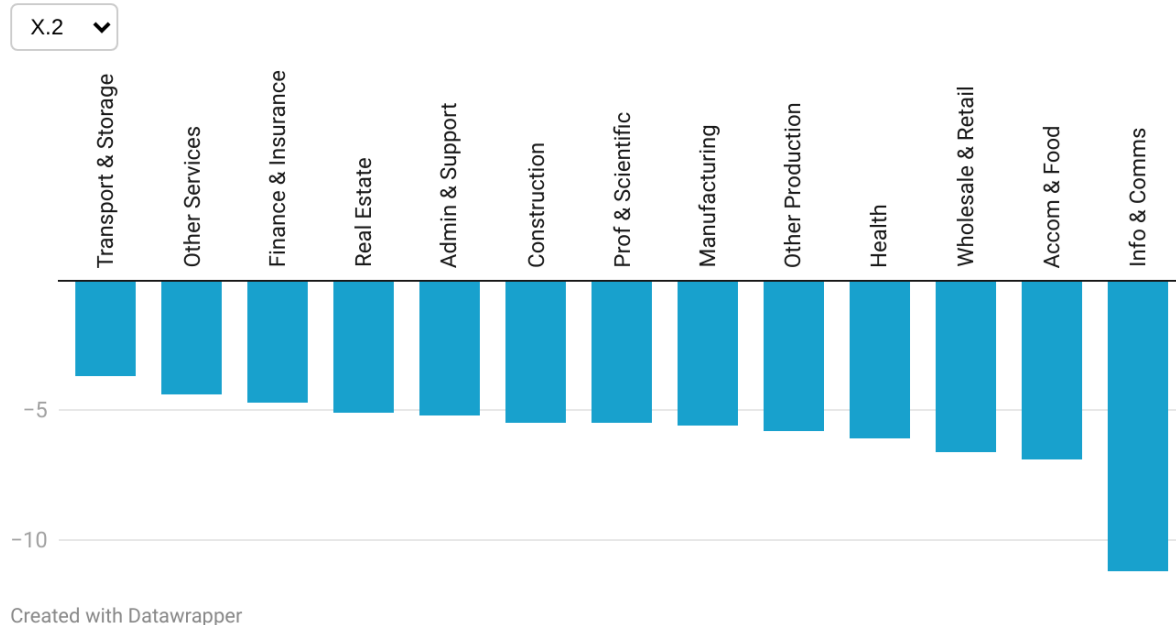
Some of these are:

- Business rates relief
- Bounce Back Loans for small and micro-businesses
- The Coronavirus Job Retention Scheme
- Tax deferraling
- Restart Grants to support High Street businesses to reopen

Despite of all these measures and support, most industries negatively affected from lockdowns. According to financial experts, most industries will downsize.

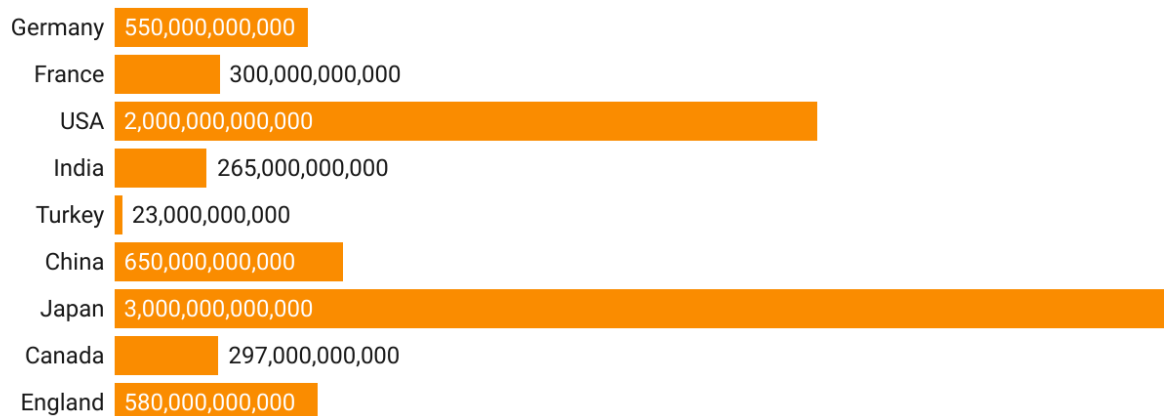
The downsize can be seen in the graph.

## Expected impact of Covid-19 on sales/employment/capital expenditure, average percentage impacts (May 2020 survey)



There is a graph for some countries' reliefs for their citizens. In this graph, European countries' reliefs are in terms of Euro and others are in terms of Dollar.

## Some Countries' Total Reliefs



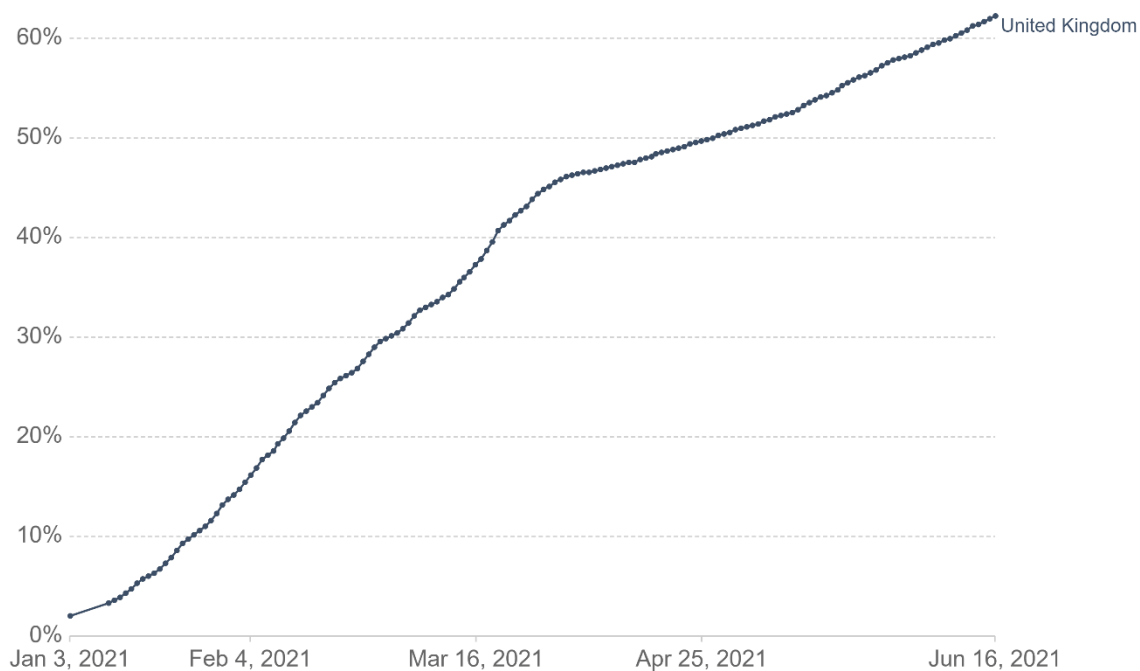
As we can see in the graph, The UK is one of the country which supported people most in the world.

Also, UK has a very strong vaccination capacity. So, government made an agreement with Pfizer-BionTech for vaccine and they still vaccinate the citizens.

It can be seen vaccination rates of UK in this graph.

### Share of people who received at least one dose of COVID-19 vaccine

Share of the total population that received at least one vaccine dose. This may not equal the share that are fully vaccinated if the vaccine requires two doses.



Source: Official data collated by Our World in Data

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UK still try to vaccinate more people to get rid of the Covid-19. Businesses, schools and most places will be opened after enough vaccination rate.

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