

OFFICIAL SENSITIVE

COVID-19 DASHBOARD

DASHBOARD 05

Wednesday 18 March 2020

Irrelevant & Sensitive

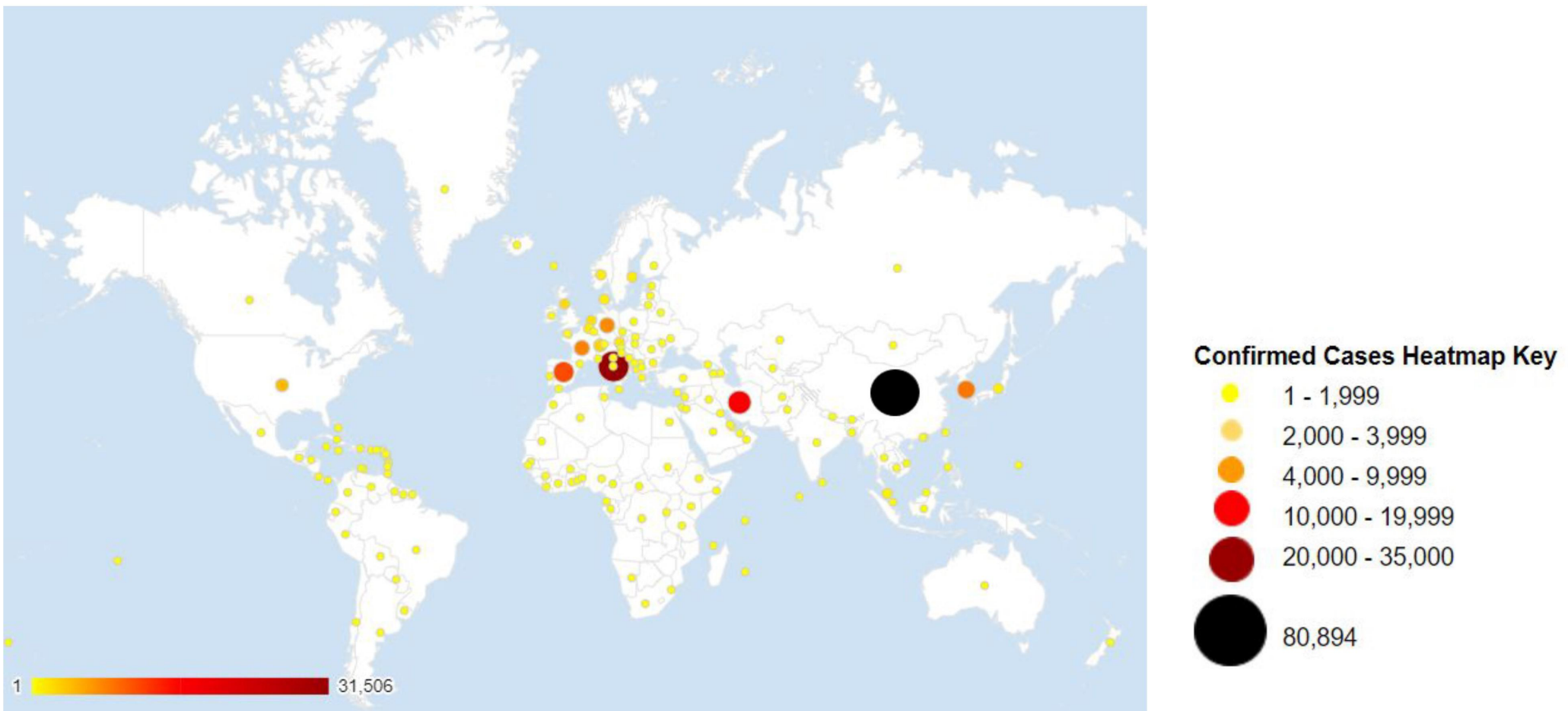
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@CABINETOFFICE.GOV.UK

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International distribution of cases



Progress of the disease

Key implications and decisions:

On 18 March, SAGE considered the impacts of school closures and regional 'lockdowns' for areas further ahead in the UK epidemic, for example London.

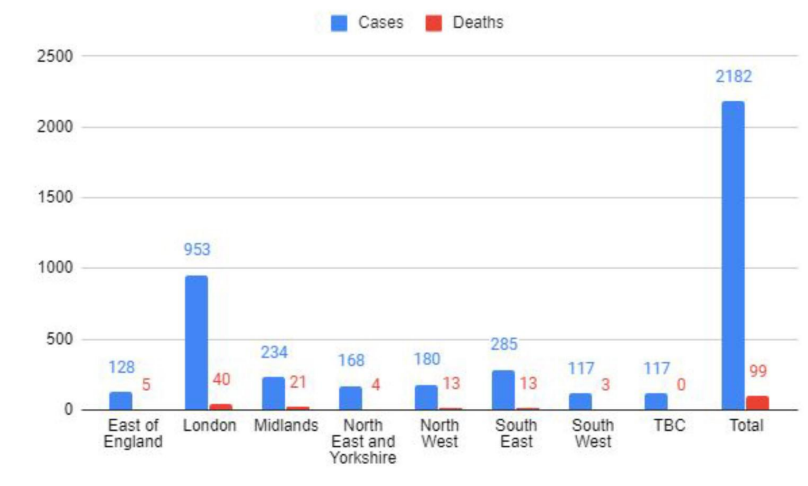
The outcomes of this meeting informed the decisions made at the Ministerial COBR (held at 1600, 18 March).

UK Cases Breakdown

As of 10:00 18/03	Confirmed Cases	Overnight Change	Deaths	Overnight Change
England	2182	40% ↑	99	39% ↑
Scotland	227	16% ↑	2	- →
Wales	149	10% ↑	2	- →
Northern Ireland	68	10% ↑	0	- →
Total	2626	35% ↑	103	45% ↑

Key indicators & Advice

R0 (expected number of cases directly generated by one case)	2-2.5 (Awaiting SAGE confirmation)	↑
Doubling time (in which the number of cases is expected to double)	5-7 days (Awaiting SAGE confirmation)	↑
Estimated population infected	65,000-75,000 (awaiting SAGE confirmation)	↑
Width of predicted peak	50% in 3 weeks 95% in 9 weeks	↑
Number of tests carried out	46,842	↑



COVID cases and deaths by NHS Region

COVID cases and deaths by NHS Region*		
NHS Regions	Cases	Deaths**
East of England	128	5
London	953	40
Midlands	234	21
North East and Yorkshire	168	4
North West	180	13
South East	285	13
South West	117	3
TBC	117	0
Total	2182	99

As of 9am 18/03/2020

*This data is subject to update as new data becomes available

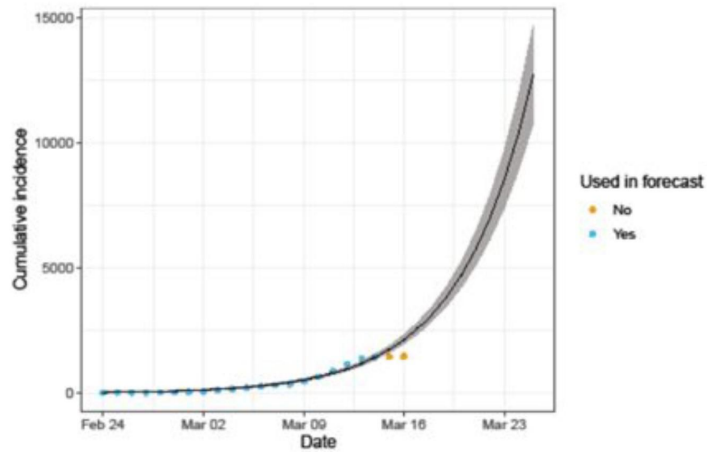
Total Number of tests conducted	Overnight change
46,842	+4,889

	Confirmed cases in England	Deaths in England	Deaths with underlying health conditions
0 - 19 yrs	66	*	*
20 - 39	569	*	*
40 - 59	633	*	*
60 - 79	586	*	*
80+	318	*	*
TBC	10	*	*
Total	2182	*	*

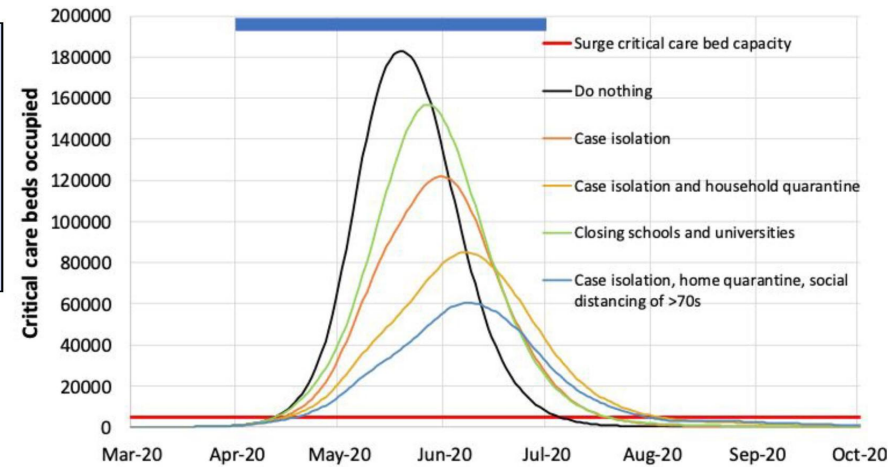
NHS did not provide data in time - these figures will be ready for tomorrow's dashboard

Projections

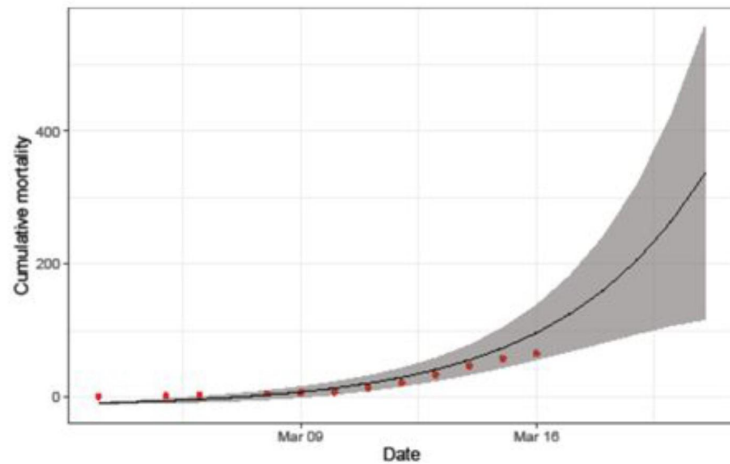
Case Wave - 7 Day Forecast from PHE



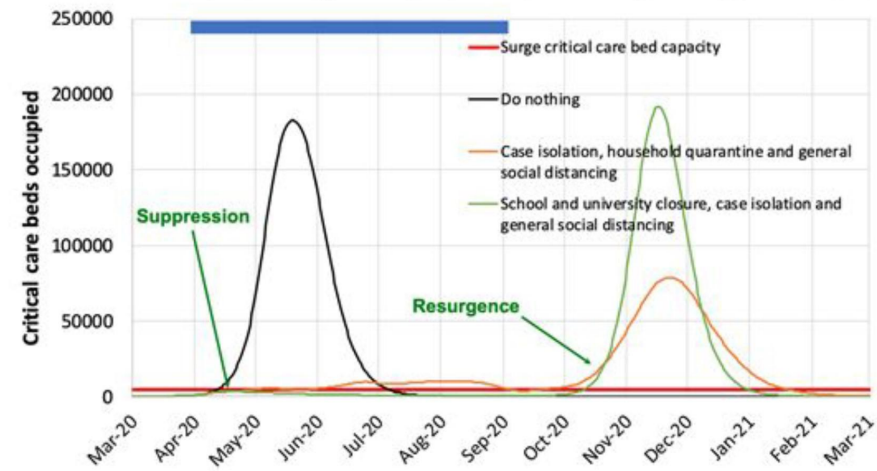
UK Impact Intensive care beds (policies for 3 months - extra month for social distancing of >70s



Deaths - 7 day forecast from PHE



UK Impact Intensive care beds (policies for 5 months - extra month for social distancing of >70s



Health & Social Care - situation and outlook

	Community		Primary care		Hospitals				
	Care homes with risk to service continuity (number and as a % in area)	Number of care homes with known COVID-19 outbreaks	Percentage of NHS 111 calls answered within 60s target time (Thursday)	GP surgeries closed	COVID-19 Hospitalisation rates (per 100k)	ICU beds occupied (number and as a proportion available)	Percentage of ICU beds occupied by COVID-19 patients	No of urgent operations cancelled (proportion preferred if available)	Hospitals declaring major incidents (Level 1 lowest - Level 4 highest)
England			22.9%	Not applicable - Weekend				17	All on L4
Greater London			14.3%	Not applicable - Weekend				4	All on L4
South East			19.3%	Not applicable - Weekend				1	All on L4
South West			21.4%	Not applicable - Weekend	NHS have not provided data - now expected to be ready for 19 March			4	All on L4
Midlands			11.1%	Not applicable - Weekend				3	All on L4
East of England			12.3%	Not applicable - Weekend				0	All on L4
North West			51.2%	Not applicable - Weekend				0	All on L4
North East and Yorkshire			30.5%	Not applicable - Weekend				5	All on L4
Scotland									
Wales									
NI									

Relevant indicators for workforce? Health and social care.

Sitrep and escalation process under implementation for reporting to commence 19 March

Supply of critical goods for health and care:

- Oxygen
- Ventilators

FFP3, masks and hand gel shortages being worked through with the supply chain

Intensive care

*Qualitative detail on regional variation and option for mutual aid
Operational plan in place to increase the volume of ventilators nationally*

Social distancing and public protection measures 1/2

Indicators of spontaneous (not govt. directed) social distancing	
Type	Estimated total
Events cancelled (>500 people) (DCMS)	DCMS are aware of approximately 40 events that have been cancelled. These include music tours and sports events. 5 film releases have been postponed indefinitely, and approximately 19 museums, theatres, galleries and halls have been closed.
Companies advising home working (BEIS)	<p>Financial services: firms testing working from home capabilities, increasing IT capacity to enable it, and adopting split site working.</p> <p>TechUK: advising companies to prepare contingency plans for remote working.</p> <p>Life Sciences: companies planning for home working, mobilisation of incident response teams where necessary, assessing deployment of critical staff and planning for use of agency staff.</p> <p>Professional and Business Services Sector Team: many firms have the capability to expand home working, video-conferencing etc.</p> <p>Telecoms: already have a high level of home working, many faults can be fixed remotely, and companies can minimise disruption by postponing routine network upgrades and prioritising customer impacting faults.</p> <p>Aviation: majority of roles critical to operations have to be performed by specially trained individuals and cannot be undertaken from a different location (e.g. working from home).</p> <p>Electronics and Machinery: workforce is a key concern, particularly blue collar who can't work from home.</p> <p>Ofcom has taken steps to move to working from home with the exception of critical staff but we are not yet aware of broadcaster-specific measures. Some newspaper industry staff are now also remote working.</p> <p>Bayer plc - now all working from home.</p>
Universities cancelling face to face teaching, moving on online assessment or are to /break early for Easter (DFE)	Higher Education Institutions taking unilateral action in relation to COVID-19 – on 18 March (1400) intelligence is that c.125 HEIs (105 yesterday) have now stated that they have or are moving to teaching online. Campuses and halls at all remain open, as do support functions, such as libraries, student support services, etc (17 institutions in England remain fully open – most major in performance, broadcast media and arts learning).

Social distancing and public protection measures 2/2

Indicators of spontaneous (not govt. directed) social distancing				
Type	Estimated total			
Hospitality: Hotel booking cancellations	Market	Date	Occupancy Level	Occupancy % Change
	United Kingdom	9th-15th March 2020	57.1%	-23.4%
	London	9th-15th March 2020	47.9%	-41.6%
	Regional UK	9th-15th March 2020	60.3%	-16%
Rail: number of passenger journeys	<p>Rail: (-3,268,812) compared to this time last year: 791,328 Tuesday 17 March 2020, compared to 4,060,140 Tuesday 19 March 2019.</p> <p>Irrelevant & Sensitive On Tuesday 17 March 2020 I&S carried 52.2% fewer passengers compared to 10 March and 68.2% fewer passengers than on an average Tuesday in March 2019. In addition, 21 services were cancelled.</p>			
Retail: changes in footfall at key locations	<p>Consumers are panic buying certain products like hand-gels, toilet tissue, pasta, rice. There is evidence this is increasing across a much wider cohort of goods. Some retailers have started to restrict the sales of some goods and are concerned that supply chains are vulnerable.</p> <p>Retail businesses (particularly non-food) are reporting exceptional pressures and increasing risks of economic shocks resulting from loss of income arising from changes in consumer behaviour.</p> <p>Footfall is reducing and anecdotal suggestions are that non-food retail sales have dropped by between 40% and 50%.</p>			

CNI & supply chains: situation outlook

CNI disruption	
Trains meeting public performance measures (within 5/10 minutes for short/long distance)	89.1% (17 Mar)
Flight cancellations	17 March - UK air traffic was down 32% (compared with 21% on 16 March) on the equivalent time in 2019 according to EuroControl.
Telecoms	No issues reported.

Health of supply chains		
General Supply Chains: Closure/Restrictions at EU borders across Europe slowing supply chain movement. NI based freight operators reporting delays. Food supply chains: Under pressure since move to delay phase with significant increase in demand/stockpiling. Energy supply chains: No current impact on CNI supply chains. Post supply chains: No current impact on CNI supply chains		
Health and care supplies	Weeks cover in NHS	Demand from other sectors
Cleaning supplies		
PPE kits		
Body Bags		
Clinical Waste Bags (Orange)	Data to be provided by DHSC - 19 March	
Pulse Oximetry		
Clinical Waste Bags (Yellow)		
Clinical Waste Containers		

CNI workforce	
Sector/BRAG/Trend	% Absences
Energy	3.5%
Civil Nuclear	4%
Government	CS HR, DAs to provide data
Defence	<2%
Post	1.4%
Water	DEFRA to provide data
Telecoms/Broadcast	DCMS estimate low %
Police	5.5%
Ambulance	DHSC to provide data
Fire & Rescue	HO to provide data
Transport	National Rail staff: 52 staff in safety critical roles (607 in total) Train Operating Companies: Approx 3,600 TFL: 11% staff absence
Finance	HMT to provide data
Air Traffic Control	DFT to provide data
Border Force	Home Office
Space	<1%

Other public services: situation outlook

School closures (England) - 18 March, 515 schools closed in England (229 fully closed, and 286 partially closed: most due to staff having to self-isolate, socially distance (as they are in the at risk group – e.g older teachers with underlying health conditions or pregnant teachers) , or they are caring for vulnerable members of their family). Hotspots starting to appear (map below). Northern Ireland: There are currently approx. 200 primary and secondary schools closed. 107 have received official approval from DfE.



Ambulance call-outs
 missing target response times - none

Government/Parliament Impact

Group	Absence rates
Civil servants	Awaiting data for England, Scotland and NI 0.05% (Wales)
House of Commons	Means of data collection to be established
House of Lords	Means of data collection to be established

Policing - no police forces are requesting mutual aid.

Prisons - As of 18/03/20

	Staff absence rates	Cases in prisons	Deaths in prisons	Sig. incidences of unrest
Wales	SI (Within BAU)	Nil	Nil	Nil
Scotland	SI (Within BAU)			
Northern Ireland	SI (Within BAU)	Nil	Nil	Nil
Cumbria & Lancs	SI (Within BAU)	Nil	Nil	Nil
East Mids	SI (Within BAU)	Nil	Nil	Nil
Yorkshire	SI (Within BAU)	Nil	Nil	Nil
Gr Manc/ Merseyside	SI (Within BAU)	One	Nil	Nil
West Mids	SI (Within BAU)	Nil	Nil	Nil
Tyne & Wear	SI (Within BAU)	Nil	Nil	Nil
North Midlands	SI (Within BAU)	Nil	Nil	Nil
Avon& Sth Dorset	SI (Within BAU)	Nil	Nil	Nil
Beds,Cambs & Norfolk	SI (Within BAU)	Nil	Nil	Nil
Devon & Nth Dorset	SI (Within BAU)	Nil	Nil	Nil
Sth Central	SI (Within BAU)	Nil	Nil	Nil
Herts, Essex & Suffolk	SI (Within BAU)	Nil	Nil	Nil
Kent, Surrey & Sussex	SI (Within BAU)	Nil	Nil	Nil
London	SI (Within BAU)	Nil	Nil	Nil
Imm & FNO	SI (Within BAU)	Nil	Nil	Nil
Women's Group	SI (Within BAU)	Nil	Nil	Nil
Youth Custody	SI (Within BAU)	Nil	Nil	Nil
Contracted Prisons	SI (Within BAU)	Nil	Nil	Nil
Long Term/ High Sec	SI (Within BAU)	Nil	Nil	Nil

SI - Self-Isolation

Economy

FTSE 250 Summary (6 months view)



Chart correct as of 18 March

Source: London Stock Exchange

HMT Economic Analysis

- Global financial markets rallied modestly today, indicating some degree of optimism over various announcements of fiscal stimulus, including an \$850bn spending package in the US. The French government confirmed a €45bn economic aid package.
- Generally, **UK survey data for February has shown there was only a limited effect from Covid-19 on business output.** There were some signs of stress in supply chains, e.g. new orders in Asia have ticked down and business expectations have started to come off. Anecdotally, discretionary consumption activity has slowed in the UK and globally and there are signs of heightened anxiety among consumers. The first official data for China has confirmed a very sharp slowdown in activity earlier in the year when the authorities moved to contain the outbreak.
- The latest official data shows that **economic growth was flat (0.0%) in January.** These GDP figures cover the period to the end of January, prior to the first confirmed UK case of Covid-19 - announced on 31 January. Employment continued to rise in the three months to January and wage growth ticked up – again before any material effect on the economy from Covid-1
- As well as the package the Chancellor announced at the Budget, further support was announced on 17 March. These measures include:
 - Retail and hospitality sectors will not have to pay business rates this year;
 - Increase in the loan value of the Coronavirus Interruption Scheme to £5m from £1m;
 - Lenders to offer a 3 month mortgage holiday to those in need; and
 - Grants of up to £10,000 for the smallest businesses.
- £330bn worth of government backed loans and guarantees;

Economy and Social Impact

Sectoral specific impacts

- Demand side: Significant impacts in aviation, hospitality (including pubs/restaurants), and tourism. **Significant emerging concerns in auto.** UK Hospitality estimates that based on assumed 100% footfall drop, businesses in the sector could run out of cash in a few weeks. **Big cashflow concerns in aviation and auto. Retail/Consumer think they are about 1 week behind Tourism in feeling the impacts.**
- Labour supply: Expect impacts to increase especially in manufacturing, transport/logistics, retail, construction, food processing, hospitality, social care and other public service.
- Supply side: Affected businesses reporting some easing of disruption from China, but disruption moving to Europe.

Economic Indicator	Value	Comments/Trend
Bank of England - Interest Rate	0.25%	Reduced by 0.5% - 10 March to respond to COVID-19
Companies in Distress		<p>The world's biggest catering firm, has said its revenues could fall by up to 30% as a result of the measures being introduced to curb the spread of coronavirus.</p> <p>The collapse of air travel has lead to individual companies entering into negotiations with staff and trade unions to introduce a series of cost cutting measures in response to COVID 19 and the collapse in air travel. These measures are said to include temporary staff lay-offs and pay cuts.</p>

Chart 1: Anxiety items, all regions and stores

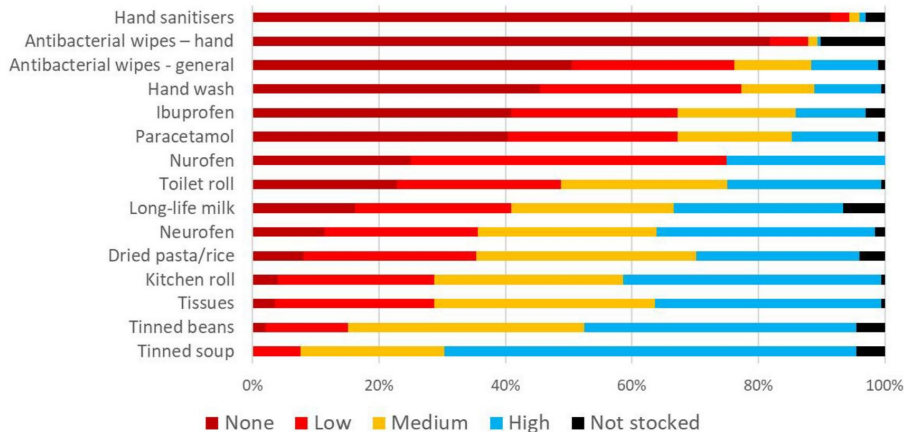
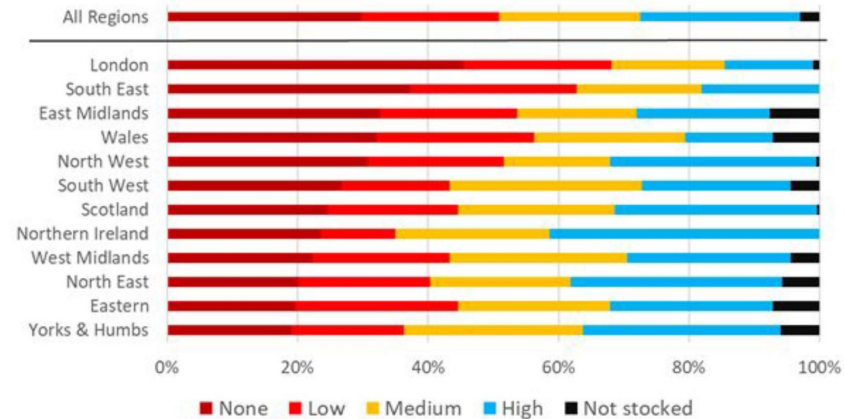


Chart 2: Anxiety basket availability - by region



Initial results from the new ONS weekly product on stock availability – for week commencing 16 March 2020

International situation

Country	Restriction Mass Gatherings	School Closures	Case Isolation	House Isolation	Social Distancing	Border Screening	Regional Cordons
US	✓	(✓) some States	✓	✓	✓	✓	
Australia	✓		✓	✓	✓		
New Zealand	✓		✓	✓	✓		
Germany	✓	✓	✓	(✓) – non mandatory	✓		(✓) - not all
Canada	✓	✓	✓	✓	✓	✓	
France	✓	✓	✓	✓	✓		
Italy	✓	✓	✓	✓	✓	✓	Strong restrictions travelling to Sicily from Mainland Italy
China	✓	✓	✓	✓	✓	✓	✓
Japan	✓	✓	✓	✓	✓	✓	

International Coordination

- UK is engaging with likemindeds, UN and international finance institutions to promote an at-scale evidence-driven international response.
- Up to £241m of aid funding: up to £150m - International Monetary Fund; £65m research investment; £10m - World Health Organisation; £5m - Unicef; £5m - Int'l Fed. Red Cross.
- DFID country programmes flexing to reduce primary/secondary impacts.

TRAVEL ADVICE

- On 17 March the Foreign Secretary announced new FCO advice **against all but essential travel overseas** in response to the widespread international border restrictions and lock downs in various countries in response to the global coronavirus pandemic. Travel advice pages on Gov.uk have been updated. The Foreign Secretary has committed to review this decision within 30 days. The FCO continues to advise **against all travel** to Equatorial Guinea, Hubei Province in China and Daegu, Cheongdo and Gyeongsan in South Korea due to COVID-19 related restrictions. **FCO have also updated our travel advice page for Ireland to confirm that FCO advice against all but essential international travel does not apply to travel from Northern Ireland to Ireland.**
- On 18 March, Australia started to advise against all international travel for all Australians, their highest advice level. They are also advising Australians already overseas who wish to return to Australia do so as soon as possible via commercial flights. Other Five Eyes countries continue to advise their citizens to reconsider international travel/against all but essential international travel.

BORDERS

- The EU is banning travellers from outside the bloc for 30 days. The measure is expected to apply to 26 EU states as well as Iceland, Liechtenstein, Norway and Switzerland. UK citizens will be unaffected.

International economics

Ireland: . The Government has agreed a €3bn package of measures dedicated to healthcare, social welfare and business.

Canada: Canadian PM Justin Trudeau announced his Government would provide C\$27 billion in support directly to families and businesses.

Australia: The Government announced measures to support the aviation industry today – They will waive AUD \$715million worth of fees and charges on airlines. The Government will also introduce a second major economic package this week.

Egypt: Government announces lowering of natural gas prices, EGP1bn for exporters. Property tax on factories and tourist destination is being postponed for three months, to be paid back in instalments afterwards.

Sweden: New package proposed for aviation (SEK5bn); export and shipping sectors (SEK50bn) .

Bahrain: Economic stimulus and support package of BD4.3billion (approx £9bn) was announced to support citizens and BD200m liquidity fund for private sector.

Next Steps

- FS- Greece FM call 18 March
- FS- Canadian FM call 18 March
- SoS-DFID – WHO-SG Tedros call 19 March
- PM – UNSG Guterres call 20 March
- PM – Ireland PM call 19 March
- SoS-DFID calls to multilateral organisations (OCHA, UNHCR, USAID) and Australia, Norway, Sweden counterparts expected later this week.

FCO Travel Advice



FCO advice against all but essential travel overseas in response to the widespread international border restrictions and lock downs in various countries in response to the global coronavirus pandemic.

Media & Comms

Domestic

- There are now 2,626 positive cases with 104 deaths in the UK, whilst a man in his 40s with motor neurone disease (MND) is thought to be the youngest person in the country to have died from the virus.
- This afternoon's announcement stating that schools will be shut from next week, except for those children whose parents are essential workers, is now dominating the broadcast media and online publications. We expect this to be the front page story of the newspapers tomorrow.
- Sainsburys and Asda have introduced strict limits on how many goods people can buy to try and curb stockpiling.
- Glastonbury festival has become the latest event to be cancelled due to coronavirus.

International

- Confirmed cases worldwide have now passed 200,000 and more than 8,000 people have died, 475 of those died in Italy today.
- The border between the US and Canada has temporarily been closed, apart from essential travel.
- Travellers from outside the EU are being turned away from airports and borders, after the 27-country bloc imposed a 30-day ban to halt the spread of coronavirus.
- Russia have begun building a temporary hospital in Moscow which will have the capacity to treat hundreds of patients.
- A Japanese anti-flu drug being trialled in China is showing early signs of promise, helping trial patients to recover from Covid-19

Insight

- Public online interest in coronavirus is slightly higher (11% increase) than yesterday and 83% higher than this time last week.
- Searches for 'school closures' have increased by 400% today.
- Overall public concern about coronavirus continues to grow - 42% are now extremely or very worried, up from 39% the previous day and 19% at this time last week
- 60% think it poses a major or significant risk to the UK, up from 57% yesterday and almost double 33% at this time last week

Disinformation/Misinformation in the media

- Rumours continue to circulate about whether ibuprofen worsens symptoms of coronavirus.

Mis/Disinformation

Counter-Disinformation Cell RAG: GREEN. No indicators for a disinformation campaign targeting the UK have been met

MailOnline

EXCLUSIVE: Russian media blames BRITAIN for the coronavirus outbreak: Propaganda accuses UK of 'smearing something in Wuhan' and links the virus to Salisbury novichok attack

Narrative (UK Reputation)	Engagement
Russian state-media suggesting UK created Covid-19 at Porton Down and deliberately spread in Wuhan. Targeting Russian language audiences.	8k (LOW)

Context: Popular Online Narratives published in the last 24 hours (RRU Afternoon Briefing)

Narrative	Engagement	Top Article
Planned closure of schools in Wales and Scotland	94% above average	Sky News (97k)
Possible closure of schools in England	6% below average	The Sun (27k)
Japanese drug claimed to be effective in treating coronavirus	45% below average with rapid growth.	The Guardian (47k)

LRF Preparedness in England

Issues identified by LRFs

In addition to tabletop exercises, all LRFs have stood-up their multi-agency coordination mechanisms (Strategic Coordination Groups).





Key themes raised at both tabletop LRF exercises and SCGs over the last week:

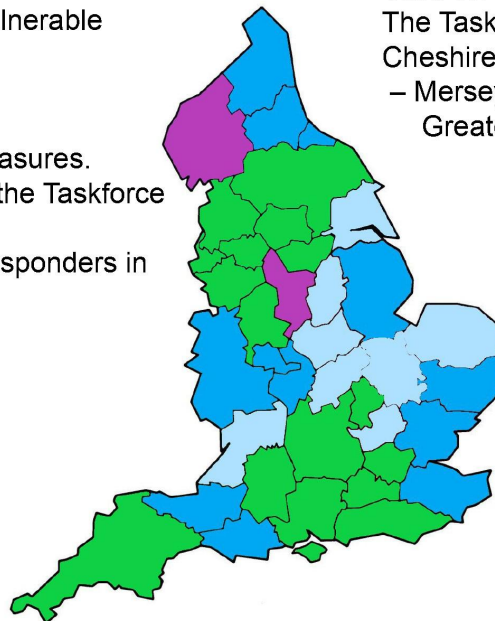
- need for additional support for the social care system,
- the provision of personal protective equipment for partners outside the health system,
- engagement with the voluntary sector to support vulnerable people locally,
- flow of scientific advice/modelling,
- support for local small businesses, and
- business continuity impacts of social distancing measures.

These themes are in line with the interim findings from the Taskforce as reported on the 13th March.

Work is ongoing across Government to support local responders in addressing these issues.

Status of LRF tabletop exercises

-  LRFs who have already completed COVID19 multiagency exercises
-  LRFs who expect to complete exercises in the next week
-  LRFs currently organising their exercises, dates TBC
-  LRFs who have validated their arrangements through business continuity exercises



Taskforce activity



The LRF Taskforce, led by recently retired LRF Chair, Andy Battle, and former CMO for Wales, Dr Ruth Hussey, has continued to move at pace.

The Task Force have engaged with 11 LRFs as of 18 March:

Cheshire – Surrey – Humber – Northamptonshire – South Yorkshire – Merseyside – West Yorkshire – Sussex – London – Dorset – Greater Manchester.

In-depth LRF self-assessment survey

LRFs are in the process of completing a self-assessment survey. Returns were due by close on 18 March. Analysts will provide initial findings on 19 March.

Themes/categories covered include:

- cross-boundary risks and concerns
- vulnerable people work that is taking place
- plans in place for concurrent emergencies and for prolonged response
- gap analysis of 7 key capabilities (e.g. humanitarian assistance, essential services surge/disruption, business resilience, etc.)