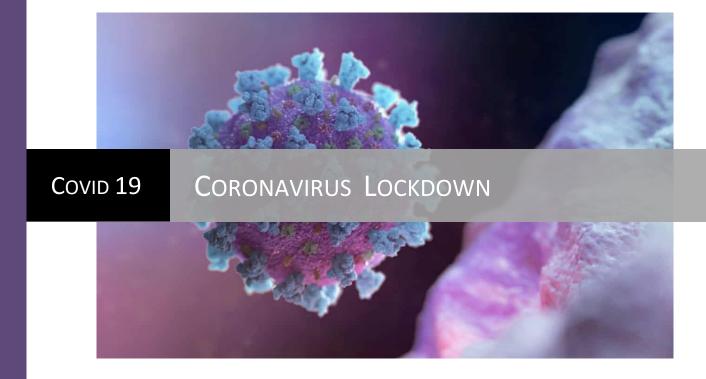
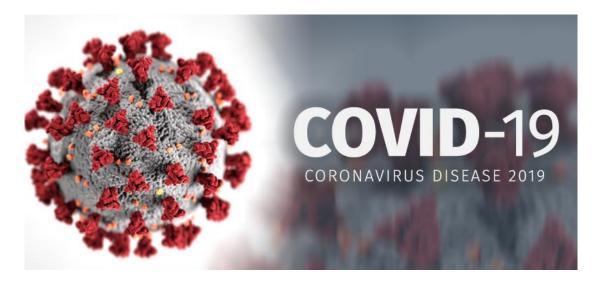
2020



What is Covid 19





Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus.

Most people infected with the COVID-19 virus will experience mild to moderate respiratory illness and recover without requiring special treatment. Older people, and those with underlying medical problems like cardiovascular disease, diabetes, chronic respiratory disease, and cancer are more likely to develop serious illness.

The best way to prevent and slow down transmission is be well informed about the COVID-19 virus, the disease it causes and how it spreads. Protect yourself and others from infection by washing your hands or using an alcohol based rub frequently and not touching your face.

The COVID-19 virus spreads primarily through droplets of saliva or discharge from the nose when an infected person coughs or sneezes, so it's important



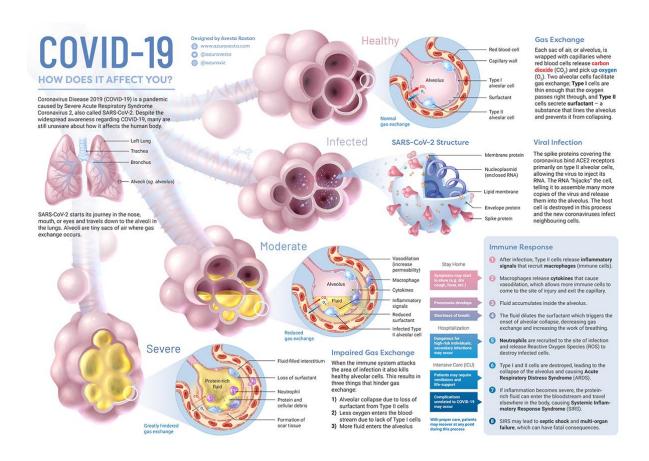




that you also practice respiratory etiquette (for example, by coughing into a flexed elbow).

At this time, there are no specific vaccines or treatments for COVID-19.

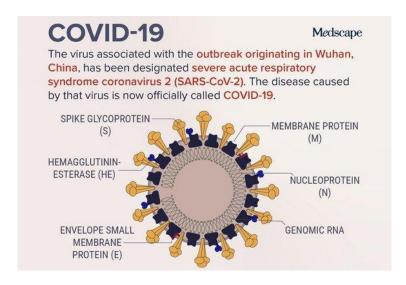
However, there are many ongoing clinical trials evaluating potential treatments. WHO will continue to provide updated information as soon as clinical findings become available.

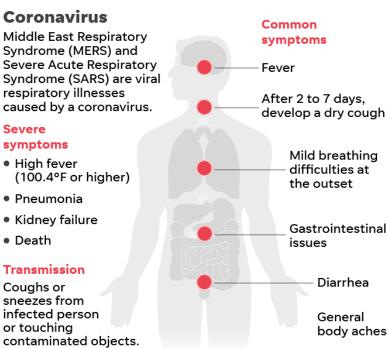






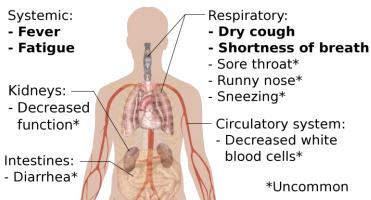






Symptoms of COVID-19

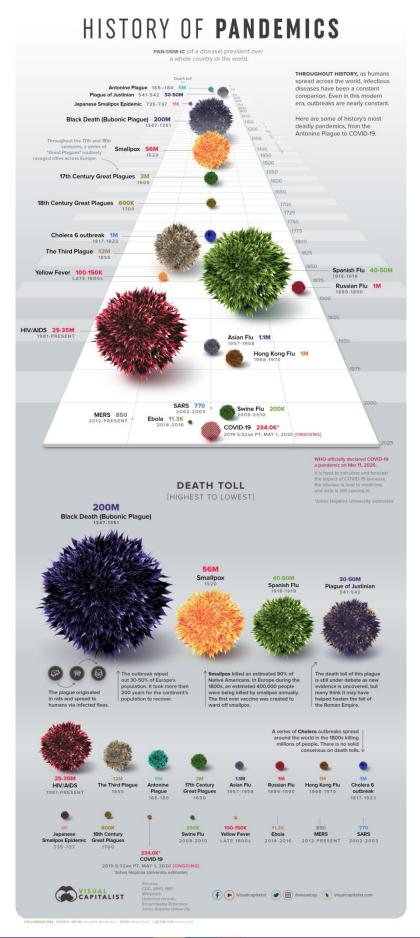
(coronavirus disease 2019)



















December

- 1st December 2019 The earliest date of symptom onset, according to a study in the journal <u>Lancet</u>.
- 8th December 2019 First resident in Wuhan, China found to have symptoms of Coronavirus.
- 29th December Local hospitals in Hubei <u>report</u> the first four cases of a "pneumonia of unknown etiology."
- 31st December 2019 China informs the World Health Organisation about a cluster of cases.

January

1st January 2020 - The <u>seafood market</u> (Huanan Seafood Wholesale Market) that was identified as a suspected center of the outbreak is closed.

7th January 2020 – The Chinese authorities identified a new type of coronavirus (novel coronavirus, nCoV), which was isolated on 7 January 2020. Laboratory testing was conducted on all suspected cases identified through active case finding and retrospective review. Other respiratory pathogens such as influenza, avian influenza, adenovirus, Severe Acute Respiratory Syndrome coronavirus (SARS-CoV), Middle East Respiratory Syndrome coronavirus (MERS-CoV) were ruled out as the cause.

Later called Covid-19 on 14th February 2020.

11th January 2020- First Death reported in China. Man dies in outbreak that has infected 41 people as early tests point to new type of the coronavirus responsible for Sars epidemic.

A 61-year-old man has died from pneumonia in the central Chinese city of Wuhan in an outbreak of a yet to be identified virus while seven others are in critical condition, Wuhan health authorities say.

12th January 2020 - China publicly shared the genetic sequence of COVID-19.







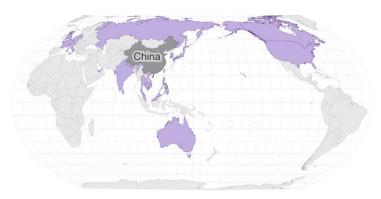
13th January 2020 - Officials confirm a case of <u>COVID-19 in Thailand</u>, the first recorded case outside of China.



A total of 325 people are confirmed to have caught the illness, with another 54 cases suspected and more than 900 people under observation (Pictured: The most recently available breakdown of where cases have been diagnosed)

29th January 2020 – First two UK patients test positive for COVID-19

Cases of coronavirus outside China



Japan 14, Thailand 14, Singapore 13, Australia 9, Taiwan 9, Malaysia 8, South Korea 7, France 6, US 6, Germany 5, Vietnam 5, United Arab Emirates 4, Canada 3, Italy 2, Russia 2, UK 2, Cambodia 1, Finland 1, India 1, Nepal 1, Philippines 1, Sri Lanka 1

Source: European Centre for Disease Prevention and Control, as of 13:00 GMT on 31 January, plus UK and Russian authorities

BBC







"We can confirm that two patients in England, who are members of the same family, have tested positive for coronavirus," said Chris Whitty, chief medical officer for England.

February

3rd February 2020 - WHO releases the international community's Strategic Preparedness and Response Plan to help protect states with weaker health systems.



The diamond Princess Cruise ship with 3,700 passengers, including more than 100 Brits is quarantined off the coast of Japan after 10 passengers test positive for the virus. A week later the number of cases rises to 174.

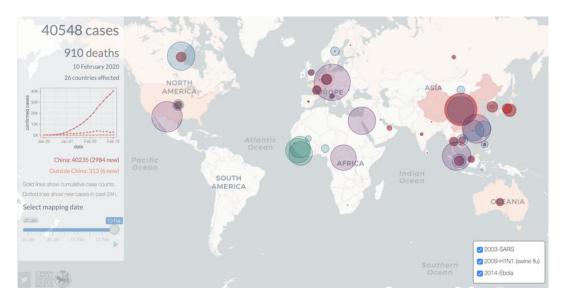








10th February 2020 – The UK Government declares Corona Virus a serious and imminent threat to the public health giving itself power to quarantine people.



13th February 2020- The first case of Coronavirus in London is confirmed, bringing the total number to 9.

14th February 2020 – First European death recorded in France.

23rd February 2020 – Italy sees a major surge in cases and many towns are locked down.

29th February – The Independent reports the death of a Briton who had been a passenger on the Diamond Princess cruise ship from the virus.





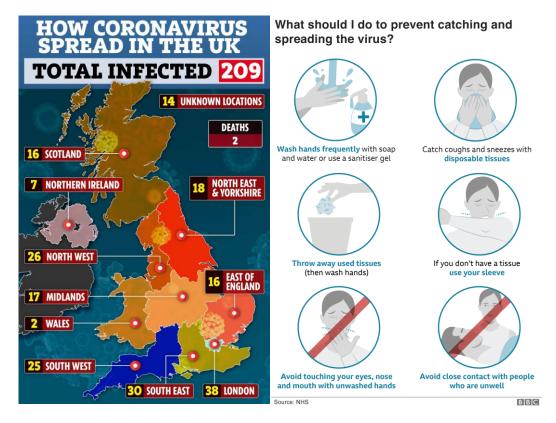


March

6th March 2020 – UK now has 116 cases of COVID-19 and its first death.



 7^{th} March 2020 - 83 year old OAP passed away in Milton Keynes Hospital on Thursday after returning from a Caribbean cruise and initially being diagnosed with pneumonia.









9th March 2020- Italy goes into lockdown.

11th March 2020 – Supermarket shelves across the UK were being emptied by panic buyers, mainly toilet rolls, hand sanitizer, pasta, rice and canned goods.

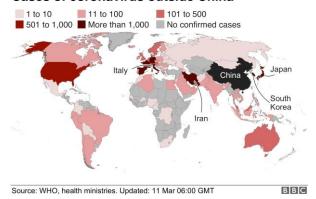
Deeply concerned both by the alarming levels of spread and severity, and by the alarming levels of inaction, WHO made the assessment that COVID-19 can be characterized as a pandemic.







Cases of coronavirus outside China



The coronavirus outbreak has been labelled a pandemic by the World Health Organization (WHO).







It is a term that the organisation had refrained from using before now.

WHO chief Dr Tedros Adhanom Ghebreyesus said it was now using the term because of deep concern over "alarming levels of inaction" over the virus.

What is a pandemic?

A pandemic describes an infectious disease where we see significant and ongoing person-to-person spread in multiple countries around the world at the same time.

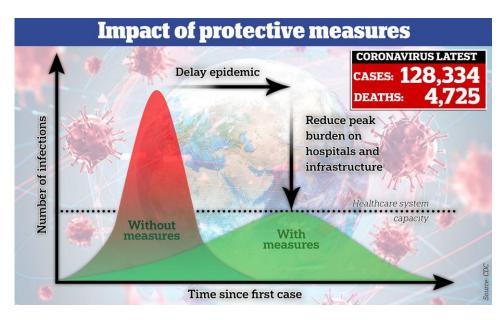
The last time a pandemic occurred was in 2009 with swine flu, which experts think killed hundreds of thousands of people.

Pandemics are more likely if a virus is brand new, able to infect people easily and can spread from person-to-person in an efficient and sustained way.

Coronavirus appears to tick all of those boxes.

With no vaccine or treatment that can prevent it yet, containing its spread is vital.

12th March 2020 - Flattening the curve: Charts reveal how restricting people's movements can stop the coronavirus pandemic from overwhelming the NHS

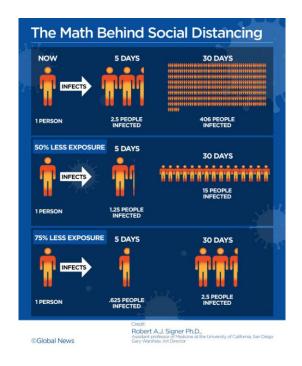


15th March 2020 – Infected cases in the UK hit 1372 and 35 people have died.









Social Distancing

16th March 2020 – Social Distancing measures are introduced across the country. Everyone told to stop non-essential contact with others. Avoid pubs and clubs and social venues.



16th March 2020 – Boris Johnson begins daily press meetings.











17th March 2020 – France imposes lock down



Schools Close

19th March 2020 –English Government announced schools will be closed on Friday but open for key workers and children who are at risk.











20th March 2020 –The UK Government orders all pubs, restaurants, gyms and other social venues to close. The Chancellor announces the government will pay up to 80% of wages for workers at risk of being laid off.



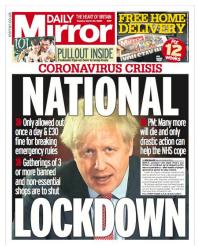
Lockdown

23rd March 2020 – Lockdown is ordered in the UK. You must stay at home. Only essential travel is permitted and exercise outside the home.























24th March 2020 – Lockdown Partially lifted in China. In the UK there were 8,077 infected and 433 deaths.

24th March - Matt Lucas has reworked his Baked Potato Song, which originally featured on BBC comedy panel show Shooting Stars, to promote key messages about social distancing and hand-washing during the coronavirus pandemic.

Hello

Baked Potato changed my life
Baked Potato showed me the way
If you want to know what is wrong from right
You must listen to what Potato say

Wash your hands and stay indoors
Thank you Baked Potato
Only visit grocery stores
Thank you Baked Potato

And if you want to have a better day
You must listen to what the Baked Potato say

Keep your distance
Make some space
Thank you Baked Potato...



25th March 2020 – Prince Charles tests positive for COVID- 19







26th March 2020 – The USA becomes the country hardest hit by the pandemic with more than 80,000 confirmed cases. The UK clap for our NHS workers at 8pm. UK chancellor unveils plans to help self-employed workers.



During these unprecedented times they need to know that we are grateful.

Please join us on: <u>26th of March at 8pm</u>
for a big applause (from front doors, garden, balcony, windows, living rooms, etc)
to show all who are working at the front line, our appreciation for their ongoing hard work and fight against this virus.

Please share this message, so we can make sure, the word spreads and reaches all to join!



27th March 2020 – It was announced that Prime Minister, Boris Johnson and Health secretary, Matt Hancock had tested positive for COVID – 19.











April

 2^{nd} April 2020- The number of confirmed COVID -19 cases around the world hits 1 million with 51,000 deaths.

3rd April 2020 – Prince Charles opened The NHS Nightingale hospital at the Xcel centre in London.



5th April 2020 – Queen Elizabeth addresses the nation.











QUEEN'S SPEECH IN FULL

I am speaking to you at what I know is an increasingly challenging time. A time of disruption in the life of our country: a disruption that has brought grief to some, financial difficulties to many, and enormous changes to the daily lives of us all.

I want to thank everyone on the NHS front line, as well as care workers and those carrying out essential roles, who selflessly continue their day-to-day duties outside the home in support of us all. I am sure the nation will join me in assuring you that what you do is appreciated and every hour of your hard work brings us closer to a return to more normal times.

I also want to thank those of you who are staying at home, thereby helping to protect the vulnerable and sparing many families the pain already felt by those who have lost loved ones. Together we are tackling this disease, and I want to reassure you that if we remain united and resolute, then we will overcome it. I hope in the years to come everyone will be able to take pride in how they responded to this challenge.

And those who come after us will say the Britons of this generation were as strong as any. That the attributes of self-discipline, of quiet good-humoured resolve and of fellow-feeling still characterise this country. The pride in who we are is not a part of our past, it defines our present and our future. The moments when the United Kingdom has come together to applaud its care and essential workers will be remembered as an expression of our national spirit; and its symbol will be the rainbows drawn by children.

Across the Commonwealth and around the world, we have seen heart-warming stories of people coming together to help others, be it through delivering food parcels and medicines, checking on neighbours, or converting businesses to help the relief effort. And though self-isolating may at times be hard, many people of all faiths, and of none, are discovering that it presents an opportunity to slow down, pause and reflect, in prayer or meditation.

It reminds me of the very first broadcast I made, in 1940, helped by my sister. We, as children, spoke from here at Windsor to children who had been evacuated from their homes and sent away for their own safety. Today, once again, many will feel a painful sense of separation from their loved ones. But now, as then, we know, deep down, that it is the right thing to do. While we have faced challenges before, this one is different. This time we join with all nations across the globe in a common endeavour, using the great advances of science and our instinctive compassion to heal. We will succeed - and that success will belong to every one of us.

We should take comfort that while we may have more still to endure, better days will return: we will be with our friends again; we will be with our families again; we will meet again.

But for now, I send my thanks and warmest good wishes to you all.







6th April 2020 – Boris Johnson who had been admitted to ST Thomas Hospital is moved to Intensive Care. Cases soar to 51,608 in the UK with 5,413 deaths.



 7^{th} April 2020 - Coronavirus: China reports no Covid-19 deaths for first time since reporting figures in January.

 9^{th} April 2020 – UK records its highest daily death toll at 938 deaths recorded in 24 hrs.

10th April 2020 – World-wide deaths double to 100,000

12th April 2020 – Boris Johnson is released from hospital to finish his recovery at home.









13th- 15th April – Some countries in Europe ease lock down. Austria plans to open some DIY stores. Italy plans to reopen some shops and Spain gets ready to allow some construction and factory employees to go back to work.

 16^{th} April 2020 – In the UK, lockdown is extended for a further 3 weeks.



118th April 2020 – In the UK the total infected is 114,217 with a death toll of 15,464.

19th April 2020 - In the UK the total infected is 120,067 with a death toll of 16,060



19th April 2020 – 99 year old British war veteran Captain Tom Moore raises more than 31 million for walking 100 laps in his garden.

22nd April 2020 – UK human COVID-19 vaccine trials start.



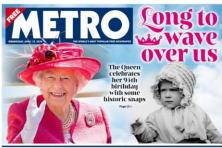




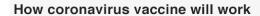




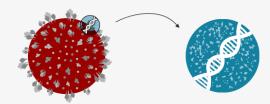
British human vaccine trials to start tomorrow



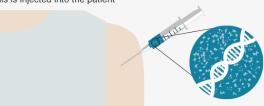




Scientists have taken genes for the spike protein on the surface of coronavirus, and put them into a harmless virus to make a vaccine

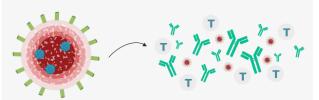


This is injected into the patient



The vaccine enters cells, which then start to produce the coronavirus spike protein

This prompts the immune system to produce antibodies and activate killer T-cells to destroy infected cells



If the patient encounters coronavirus again, the antibodies and ${\rm T}$ cells are triggered to fight the virus



ВВС



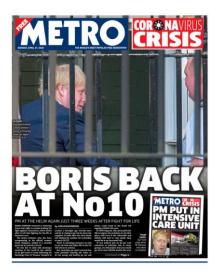




24th April 2020- Tests become available for front line workers, key workers and health care staff and their families. It reached capacity very quickly on its first day.

 25^{th} April 2020 - In the UK the total infected is 148,377 with a death toll of 20,319

27th April 2020 – Death Toll passes 21,000. Boris Johnson returns to his role as PM and issues statement- we are in this for the long hall and lock down will continue. The Government announces a 60,000 payout to families of Key workers who sadly lose their lives as a result of COVID-19.



28th April 2020 – A minute silence is held at 11am to remember the keyworkers who have lost their lives.



29th April 2020 – Boris Johnson announces birth of Baby Boy. Testing has been expanded to anyone with symptoms who is over 65, who have to leave home to work and their families. All care home staff and residence can now be tested even if they don't have symptoms.









Boris Johnson and his fiancee Carrie Symonds have named their baby boy Wilfred Lawrie Nicholas Johnson.

The names are a tribute to their grandfathers and two doctors who treated Mr Johnson while he was in hospital with coronavirus, Ms Symonds wrote in an Instagram post.









Captain Tom

30th April 2020 – Captain Tom, Colonel Tom turns 100















THE PRIME MINISTER

30 April 2020

Des Caplen Tour

Every day I write to someone in our country to thank them for their service to others and to recognise them as a Point of Light in our lives.

No-one epitomises a Point of Light more than you.

So today, on your 100th birthday, allow me to express the admiration and gratitude of a whole nation for your heroic fundraising mission.

You have touched our hearts, lifted our spirits and enabled millions to show their support for the wonderful men and women of our unique NHS. Because of their extraordinary courage and dedication our country will get through this difficult time and, in doing so, fulfil your optimism that tomorrow will indeed be a better day.

So congratulations on becoming the UK's 1362nd Point of Light, thank you for

wit all bor with

Captain Tom Moore







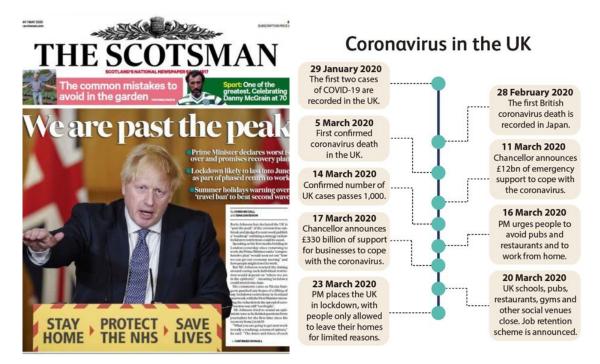
Capt Tom, who was recently treated for a broken hip and skin cancer, initially aimed to raise £1,000 for NHS Charities Together and said he set about raising the money "for the sake of the nurses and the NHS we have, because they are doing such a magnificent job".

The war veteran, who raised the money by walking laps of his garden, has also been made an honorary colonel.

The occasion was also marked with an RAF flypast and birthday greetings from the Queen and prime minister.

We are Past the Peak

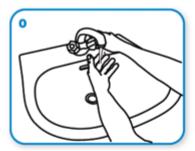
30th April 2020- Boris Johnson returns to the daily briefings. The UK has reached its peak and cases are slowly going down. Boris explains that coming out of lockdown needs to be handled very carefully to avoid a second wave and so not to expect to be out of lockdown too soon.



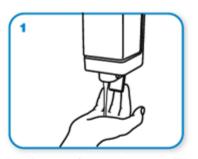








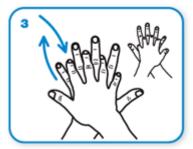
Wet hands with water



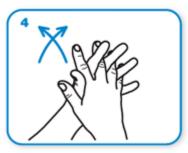
apply enough soap to cover all hand surfaces.



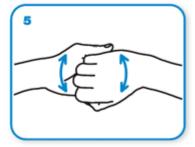
Rub hands palm to palm



right palm over left dorsum with interlaced fingers and vice versa



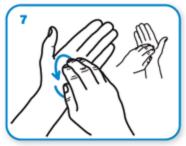
palm to palm with fingers interlaced



backs of fingers to opposing palms with fingers interlocked



rotational rubbing of left thumb clasped in right palm and vice versa



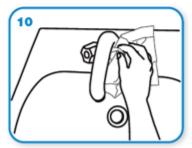
rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa.



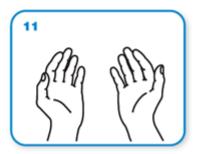
Rinse hands with water



dry thoroughly with a single use towel



use towel to turn off faucet



...and your hands are safe.



THE PRIME MINISTER 4 April 2020

Coronavirus is the biggest threat this country has faced in decades – and we are not alone. All over the world we are seeing the devastating impact of this invisible killer.

We are working to a scientifically-led, step-by-step action plan – taking the right measures at the right time. We know this will not be a short battle – beating coronavirus will take months, not weeks. But the Government is keeping all the current restrictions, and any further action that might be required, under constant review and they will be relaxed if and when the evidence shows we are able to.

Our message to the British public is clear: stay at home, in order to protect the NHS and save lives.

As party leaders, we have a duty to work together at this moment of national emergency. Therefore, I would like to invite all leaders of opposition parties in Parliament to a briefing with myself, the Chief Medical Officer and Chief Scientific Adviser next week. I want to listen to your views and update you on the measures we have taken so far, such as rapidly expanding testing and providing economic support to businesses and individuals across the country.

The Government I lead will act in the national interest at all times and be guided by the best scientific evidence, and of course we will continue to engage constructively with all political parties on the national effort to defeat this pandemic. I have no doubt that – as we have so many times in the past – the people of the United Kingdom will rise to this current challenge, and we will beat coronavirus together.

Yours sincerely

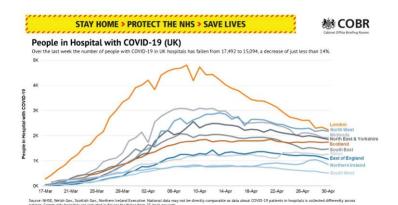
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STAY HOME > PROTECT THE NHS > SAVE LIVES

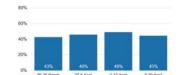


Preventing the spread of COVID-19 (Great Britain)

Most people are avoiding contact with vulnerable people For the period 9 to 20 April:

More people are working from home since the introduction of social distancing

45% of adults in employment said they worked from home at some point in the last week, compared to around 12%* last year.



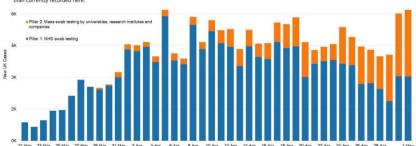


STAY HOME > PROTECT THE NHS > SAVE LIVES



New Cases (UK)

Testing capacity is increasing, the number of observed cases has remained relatively stable over the last 7 days, though there are likely many more cases than currently recorded here.

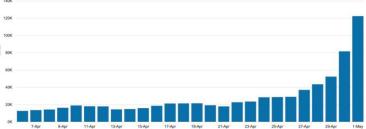




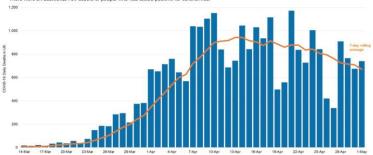


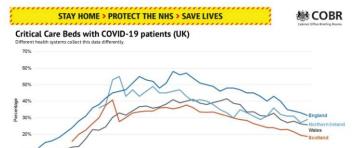






⋘ COBR STAY HOME > PROTECT THE NHS > SAVE LIVES Daily COVID-19 Deaths in All Settings (UK)





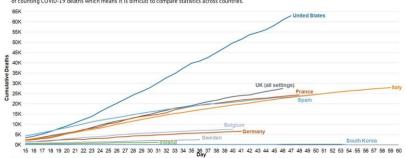
29-Mar 02-Apr 06-Apr 10-Apr 14-Apr 18-Apr 22-Apr 26-Apr 30-Apr

STAY HOME > PROTECT THE NHS > SAVE LIVES



Global Death Comparison

Country data is aligned by stage of the outbreak. Day 0 equals the first day 50 cumulative deaths were reported. Different countries have different methods of counting COVID-19 deaths which means it is difficult to compare statistics across countries.



Logs

Source: Public Health England, UK devolved administrations, Johns Hopkins University. UK figures on deaths relate to those who have tests positive for COVID-19, whichever setting they died in. International reporting procedures and lags are unclear, so may not be comparing like-for-like.







CORONAVIRUS UPDATE



The government has announced that **schools will close from Monday**, except for children of key workers, and vulnerable ch

- fter schools shut their gates on Friday afternoon, they will remain closed until urther notice except for children of key workers, and vulnerable children
- Examples of these workers include NHS staff, police and supermarket delivery drivers who need to be able to go to work to support the country's fight to

Key messages

- if you have symptoms of coronavirus infection (COVID-19), however mild, stay at home and do not leave your house for 7 days from when your symptoms started. (See Ending Isolation section below for more information)
- $\bullet \ \ \text{this action will help protect others in your community whilst you are infectious.}$
- · plan ahead and ask others for help to ensure that you can successfully stay at home
- ask your employer, friends and family to help you to get the things you need to stay at
- · stay at least 2 metres (about 3 steps) away from other people in your home whenever
- · sleep alone, if that is possible.
- · wash your hands regularly for 20 seconds, each time using soap and water.
- stay away from vulnerable individuals such as the elderly and those with underlying health conditions as much as possible.
- you do not need to call NHS111 to go into self-isolation. If your symptoms worser during home isolation or are no better after 7 days contact NHS 111 online. If you have no internet access, you should call NHS 111. For a medical emergency dial 999.

CORONAVIRUS UPDATE 19 March 2020



The Prime Minister has announced that we can turn the tide against coronavirus within the next 12 weeks if people follow government advice.

- The government is in talks to buy hundreds of thousands of antibody tests so we know if people have had the virus.
- The knowledge of where the virus is will make a huge difference to our management of the disease and our

CORONAVIRUS UPDATE 20 March 2020



The government has instructed entertainment and hospitality premises, like bars and restaurants, to close from tonight to limit the spread of coronavirus.

- ability to reduce disruption and economic difficulties.
- · The more we follow the advice, the faster the country will recover
- The Chancellor has today outlined an unprecedented package of measures to protect millions of people's jobs and incomes as part of the national effort in response to coronavirus.

HM Government



M Government

CORONAVIRUS

OUR PLAN FOR TESTING

- Rapidly increasing NHS swab testing for those with a medical need and the most critical workers.
- Commercial swab testing for critical workers in the NHS, and social care.
- Mass antibody testing to help know if people have developed an immunity.
- Surveillance testing to learn more about the disease to help develop tests and treatment.
- National Diagnostics Effort to build mass-testing capacity at a completely new scale.

STAY HOME PROTECT THE NHS SAVE LIVES

What is self-isolation?

You should self-isolate for seven days if you have symptoms, or fourteen days if someone you live with has symptoms. This means:

- stay at home
- do not go to work, school or public areas
- do not use public transport like buses, trains, tubes or
- avoid visitors to your home
- ask friends, family members or delivery services to carry out errands for you - such as getting groceries, medications or other shopping







If people don't comply with the rules, the police may:

- · instruct you to go home.
- · instruct you to stop your children breaking the rules.
- take you home or arrest you if you do not follow instructions.
- issue a fine of £60, which will be lowered to £30 if paid within 14 days.
- issue a fine of £120 for second time offenders, doubling on each further repeat offence.



M Government

What is social distancing?

Social distancing measures are steps you can take to reduce social interaction between people to help stop the spread of coronavirus. You must:

- Avoid contact with anyone who is displaying symptoms of coronavirus
- Work from home, where possible
- Avoid large and small gatherings in public spaces and avoid gatherings with friends and family



NHS

Coronavirus guidance Protecting older people and

vulnerable adults

We are advising those who are at **increased risk** of severe illness from coronavirus (COVID-19) to be particularly stringent in following social distancing measures.

aged 70 or older (regardless of medical conditions)

under 70 with an underlying health condition listed below (ie anyone instructed to get a flu jab as an adult each year on

medical grounds):

- chronic (long-term) respiratory diseases, such as asthma, chronic obstructive pulmonary disease (COPD), emphysema or bronchitis
- chronic heart disease, such as heart failure
- · chronic kidney disease
- · chronic liver disease, such as hepatitis
- chronic neurological conditions, such as Parkinson's disease, motor neurone disease, multiple sclerosis (MS), a learning disability or cerebral palsy
- diabetes
- problems with your spleen for example, sickle cell disease or if you have had your spleen removed
- a weakened immune system as the result of conditions such as HIV and AIDS, or medicines such as steroid tablets or chemotherapy
- being seriously overweight (a body mass index (BMI) of 40 or above)

those who are pregnant

CORONAVIRUS UPDATE

30 April 2020



Today Prime Minister Boris Johnson confirmed that we are past the peak of coronavirus.

- It is thanks to the massive collective effort to shield the NHS that we avoided an uncontrollable and catastrophic epidemic.
- The UK is leading international efforts to find a vaccine. Oxford University has announced a partnership with AstraZeneca to develop a possible vaccination.
- Keeping the R rate down is going to be absolutely vital to our recovery.

















NEW PARTNERSHIP BETWEEN THE UNIVERSITY OF OXFORD AND ASTRAZENICA FOR THE DEVELOPMENT OF A **CORONAVIRUS VACCINE**





