

COVID-19 in the UK

Not all are equal

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A framework for analysis

Who is at greatest risk on becoming infected with COVID-19, and why?

Who is most likely to die if they are infected?

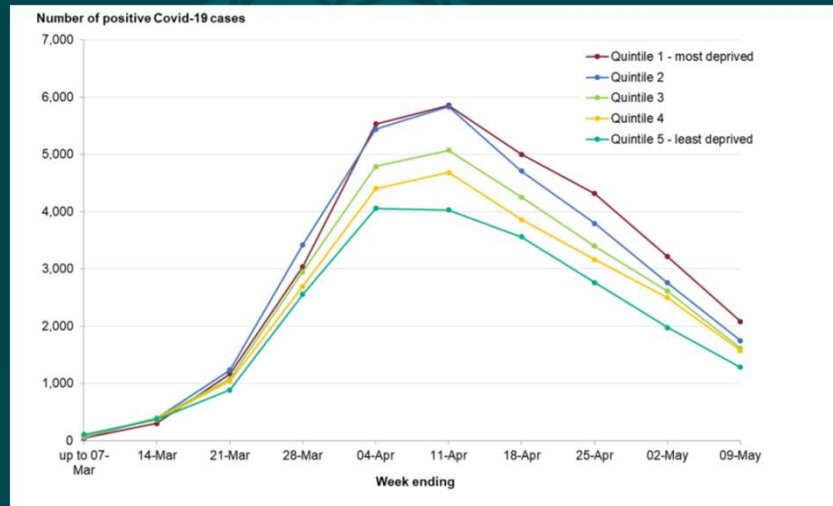
Who suffers most from responses to the pandemic?

Are we doing enough to protect them from both the illness and the treatment?



2

Who is at greatest risk on becoming infected with COVID-19



Source: Public Health England. [Disparities in the risk and outcomes of COVID](#). August 2020.



3

Why?

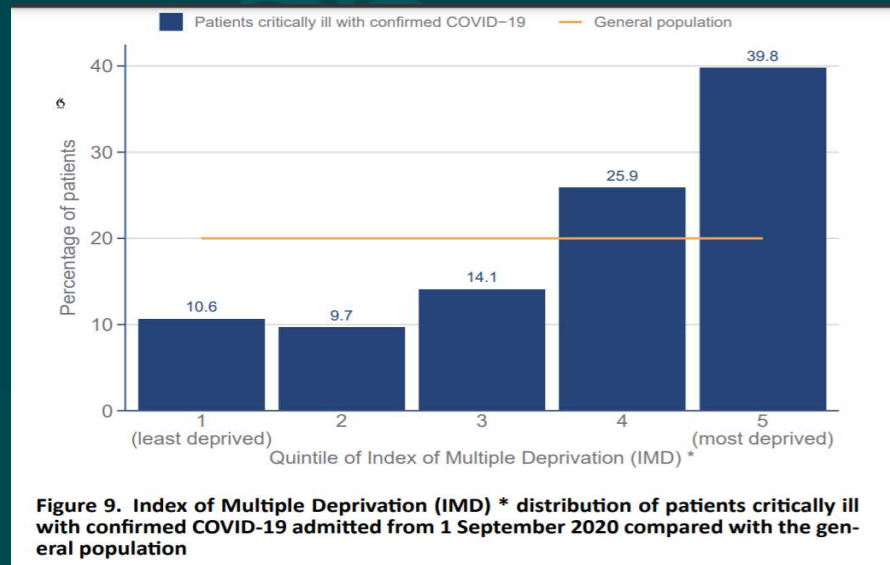
- ⌚ **Increased vulnerability:**
 - ⌚ pre-existing health conditions
- ⌚ **Increased susceptibility:**
 - ⌚ Immune systems weakened adverse living and environmental conditions
- ⌚ **Increased exposure:**
 - ⌚ Working conditions - lower paid workers, especially in the service sector, are much more likely to be designated key workers and required to go to work during lock down – and to be in public facing roles
 - ⌚ Travel - more likely to rely on public transport and less likely to be able to work from home
 - ⌚ Housing - overcrowded multigenerational households



Bambra, C., et al. The COVID-19 pandemic and health inequalities, *Journal of Epidemiology and Community Health* 2020

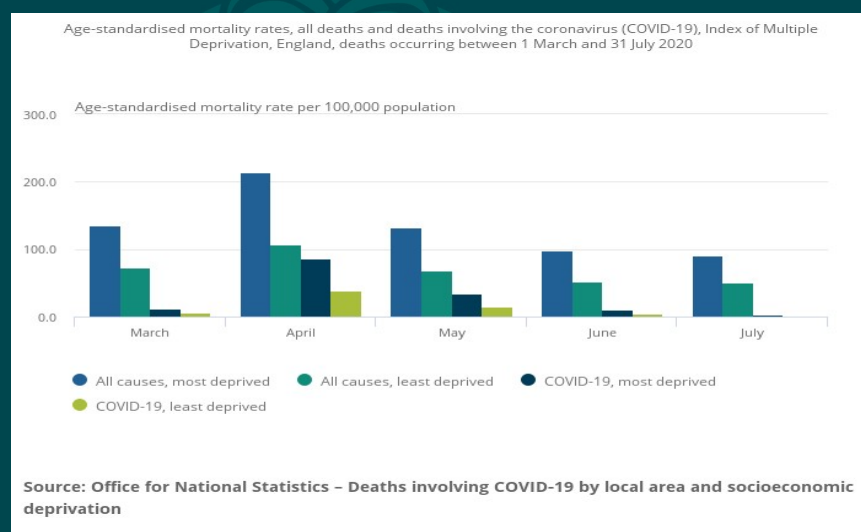
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Who is most likely to be admitted to ICU?



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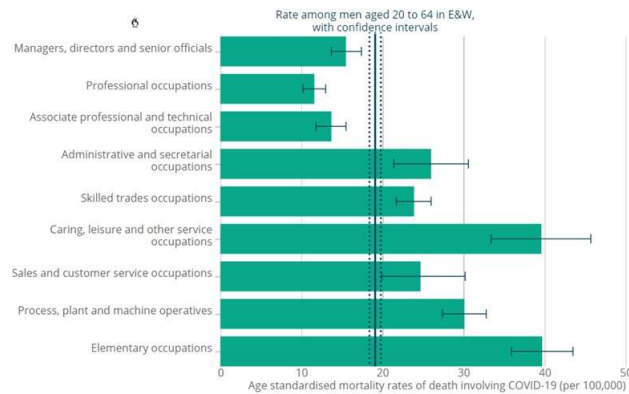
Who is most likely to die?



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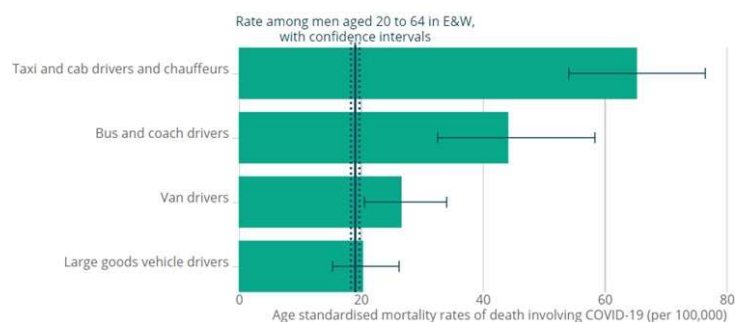
Who is most likely to die?

Age-standardised mortality rates of death involving the coronavirus (COVID-19) in England and Wales, by major occupational group, deaths registered between 9 March and 25 May 2020



Who is most likely to die?

Age-standardised mortality rates of death involving the coronavirus (COVID-19) in England and Wales, men, deaths registered between 9 March and 25 May 2020

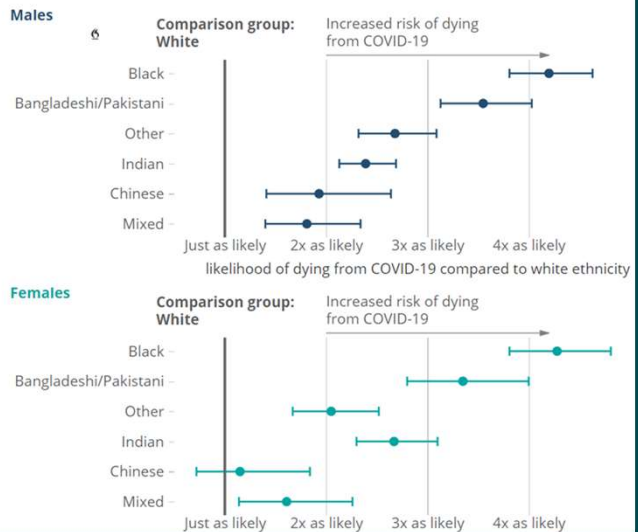


Source: Office for National Statistics

Who is most likely to die?

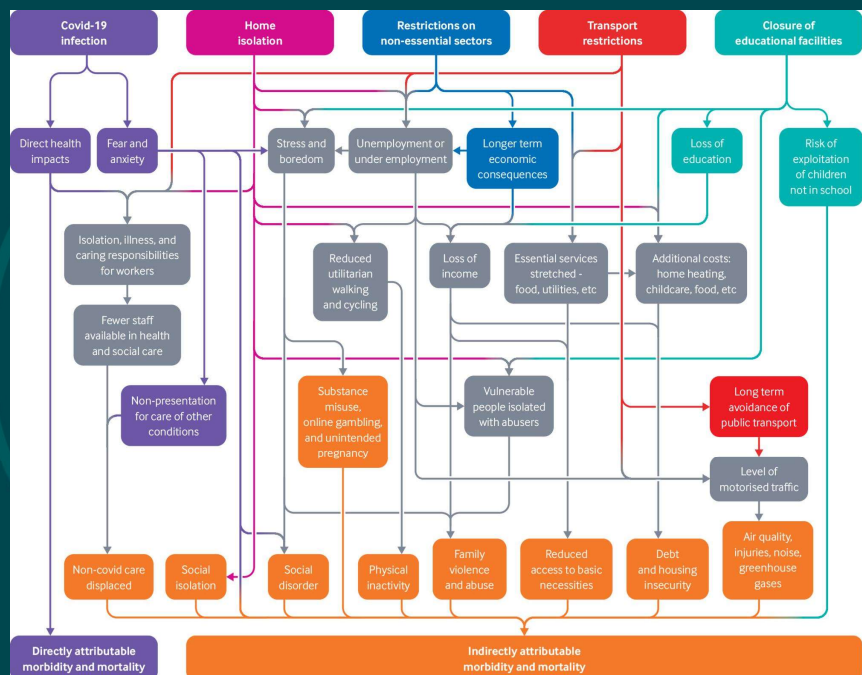
Figure 1: Risk of COVID-19-related death by ethnic group and sex, England and Wales, 2 March to 10 April 2020

Panel A - Age-adjusted model



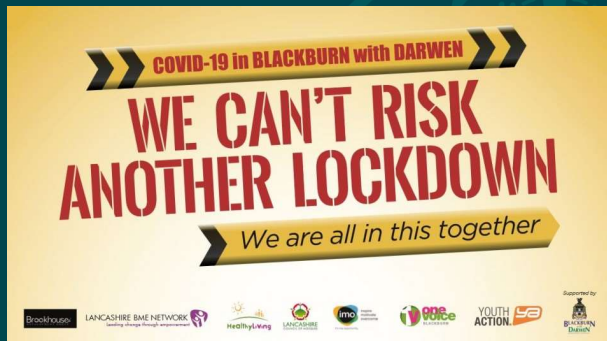
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Who suffers most from responses to the pandemic?



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Where are the restrictions?



UK local authorities with extra restrictions

Restrictions are different in each of the four nations. Areas highlighted are those where additional rules apply or are due to come into force

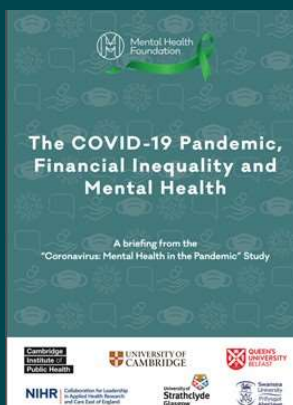


Source: BBC research, 2 October

BBC

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Are we doing enough to protect people from both the illness and the treatment?



Coping

Twice as many
unemployed people (**25.85%**) surveyed say they are **not coping well** with the stress of the pandemic compared to people in employment (**12.25%**).



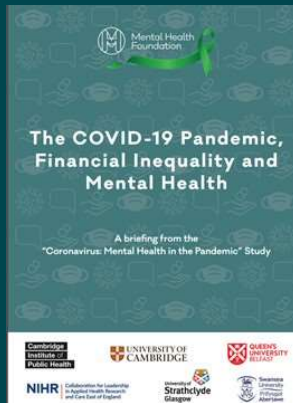
Over one in 10
(**10.93%**) unemployed people surveyed say **nothing has helped** them cope with the stress of the pandemic.



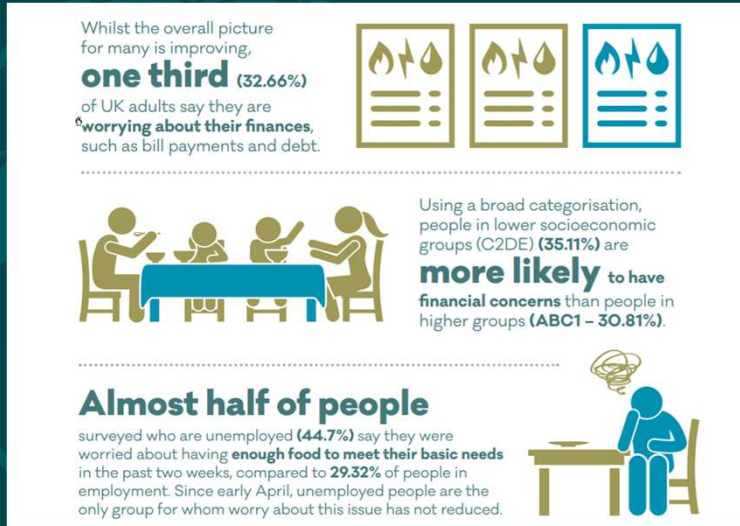
<https://www.mentalhealth.org.uk/sites/default/files/MHF-covid-19-inequality-mental-health-briefing.pdf>

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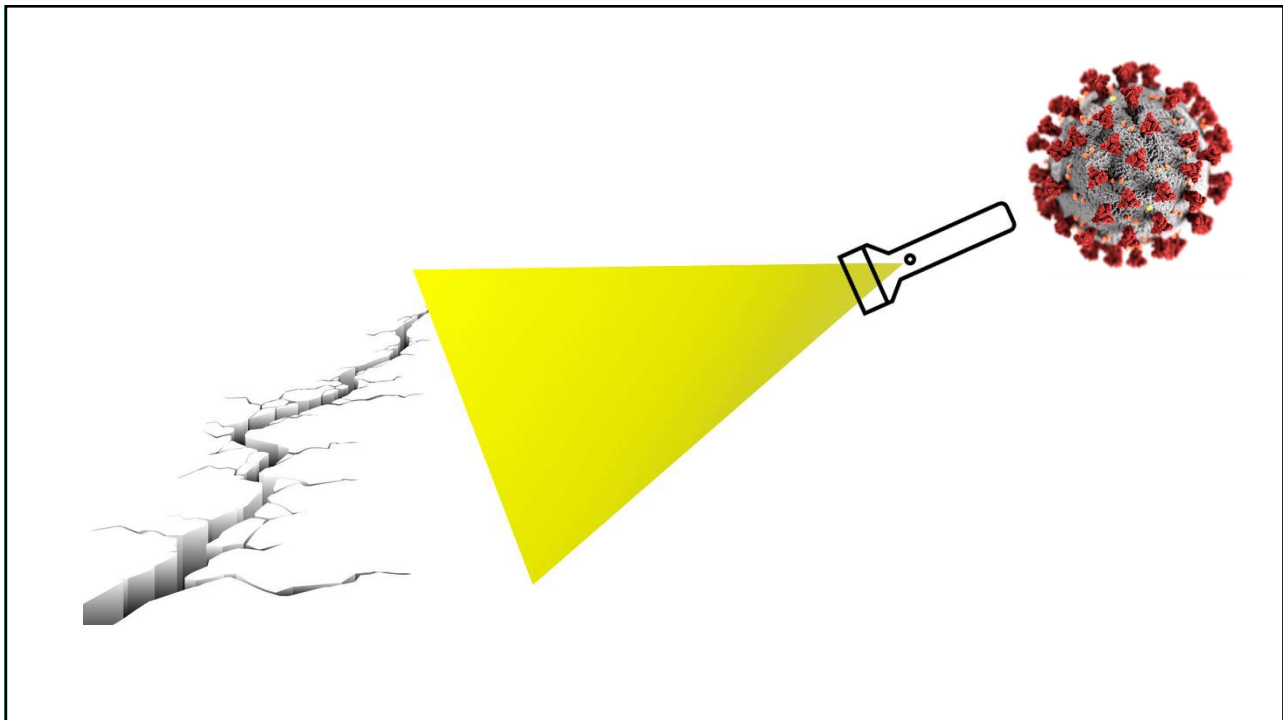


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<https://www.mentalhealth.org.uk/sites/default/files/MHF-covid-19-inequality-mental-health-briefing.pdf>

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What must be done?

Above all, control the pandemic

The only way out is to get infections as low as possible - #ZeroCOVID

Herd/ population immunity is neither feasible or ethically justifiable

Implement an effective Find, Test, Trace, Isolate, Support system

With emphasis on Support for those isolating

Ensure financial support includes those in gig economy

“Build back better”

