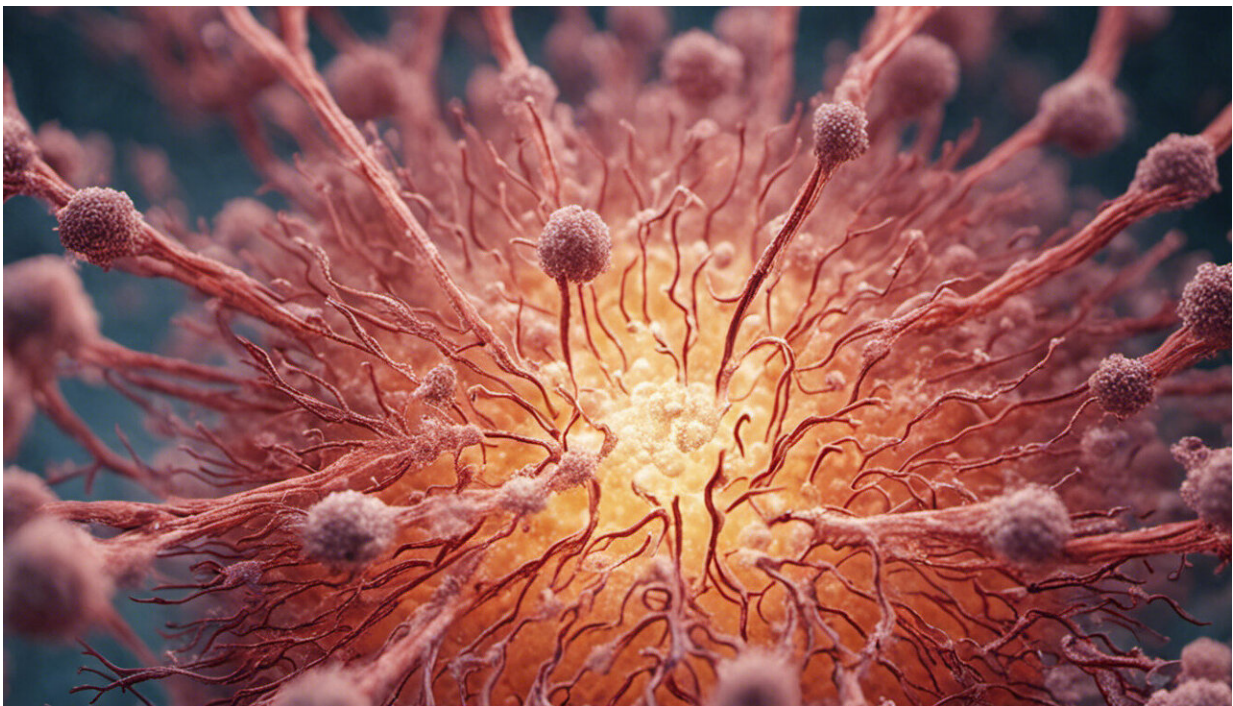


Coronavirus class divide – the jobs most at risk of contracting and dying from COVID-19

May 19 2020, by Mark Williams



Credit: AI-generated image ([disclaimer](#))

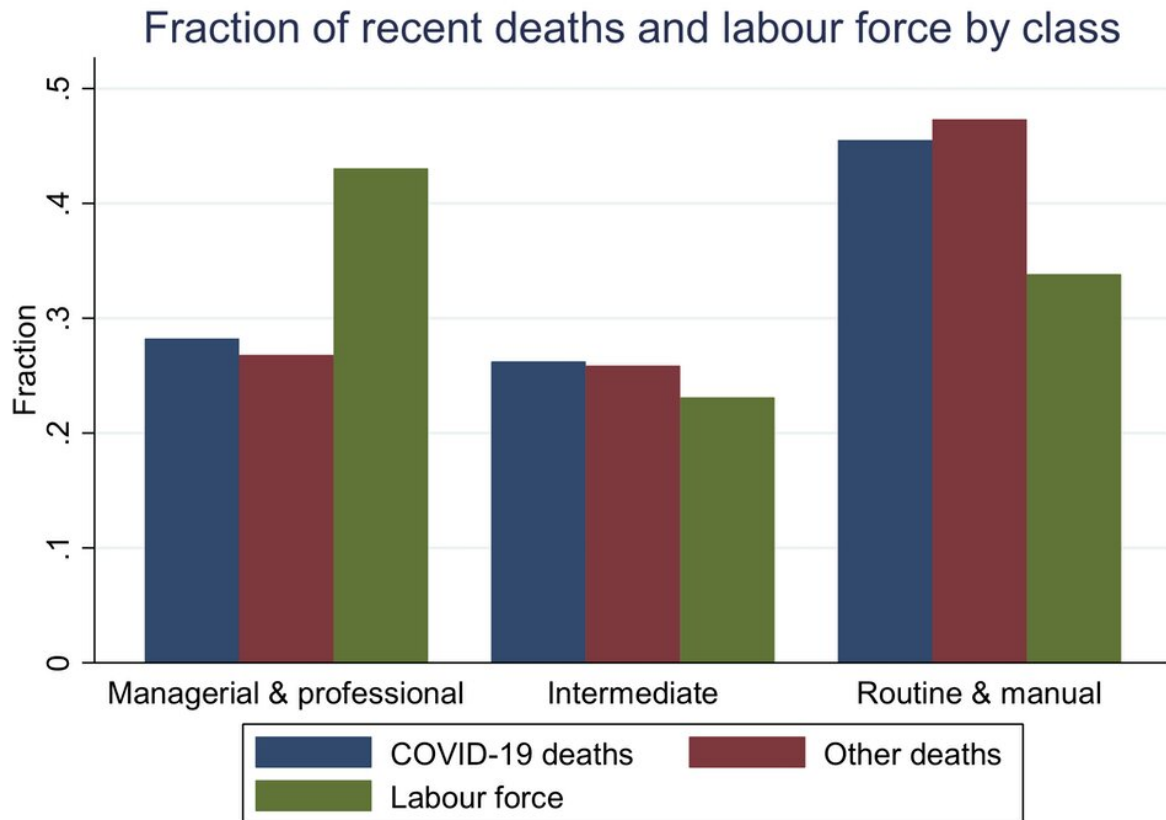
We often hear that Britain is a "class-based society". Ask people what class is and you'll get a wide range of answers—from accent to cultural tastes—leaving you perplexed as to how it might ever be a useful construct to understand much about the realities of British life. But really

it's all about [what job you do](#).

I study the relationship between a person's class and their life chances and it has become glaringly apparent during the coronavirus crisis that class—what job you do—has never been more important.

There is a clear class divide in the COVID-19 [death](#) rate, with working class [jobs](#) such as carers, [taxi drivers](#), security guards and retail assistants clearly worse affected than middle and upper class jobs who can much more easily self-isolate and work from home.

Analysing data released by the [Office for National Statistics](#) (ONS) on registered deaths in England and Wales among people aged 20 to 64, up to and including April 20, I find a sharp divide between the fraction of deaths in managerial and professional occupations and routine and manual occupations. While routine and manual occupations account for around 34% of jobs, those working in such jobs account for more than 43% of COVID-19 deaths among those of working age. Conversely, managerial and professional occupations account for 43% of all jobs but 28% of these deaths so far.



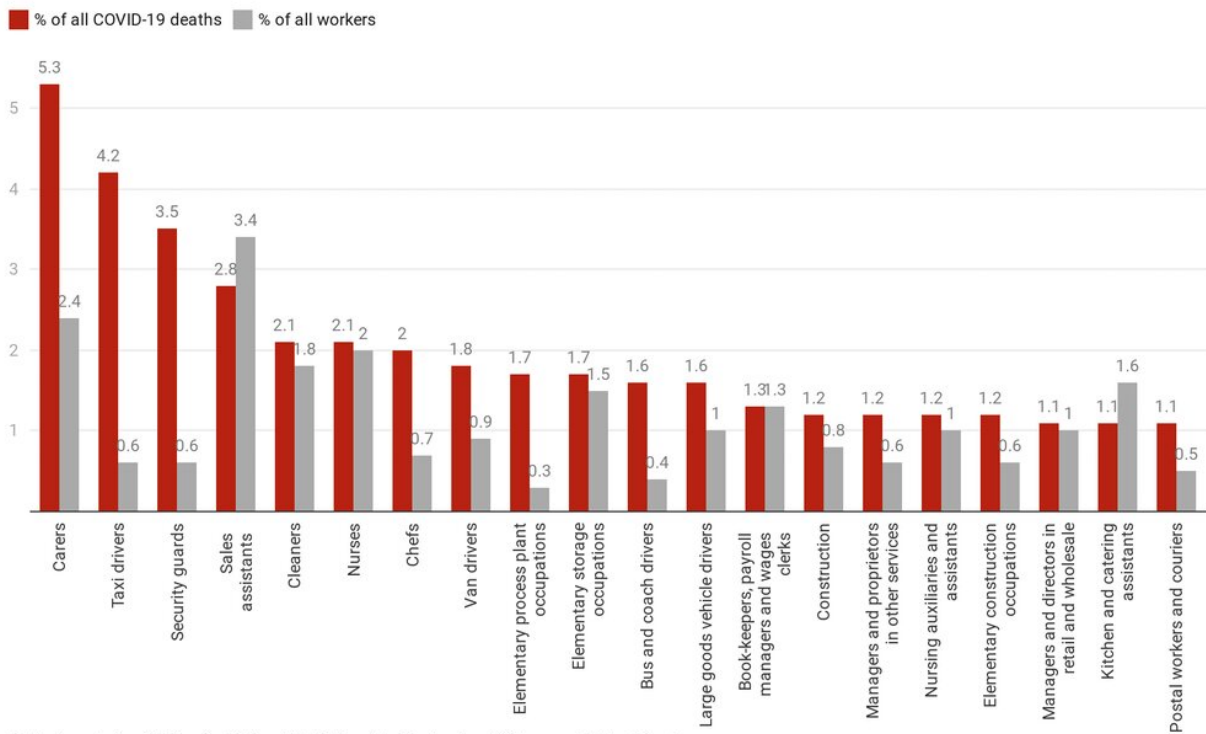
Author’s analysis of Office for National Statistics data. England and Wales aged 20 to 64 only. Credit: Mark Williams, [CC BY-ND](#)

Digging further into the detail makes very tragic reading. The deaths are highly concentrated in occupations that have been working on the frontline: caring and health, delivery workers, drivers and those working in retail. Of the 369 occupations listed by the ONS, just five account for 17% of COVID-19 deaths among those of working age in England and Wales. Just ten occupations account for 27% of these deaths, with 20 accounting for 40% (only 20% of people work in these 20 occupations).

These jobs are also overwhelmingly manual and routine

occupations—those carried out by the economically least advantaged. While the class divide in COVID-19 deaths is not wholly out of sync with the divide in non-COVID deaths, these figures are a powerful reminder that what you do quite literally determines your life chances.

COVID-19 deaths in England & Wales by ONS job classification



Author's analysis of Office for National Statistics data. England and Wales aged 20 to 64 only.
 Chart: The Conversation • Source: ONS

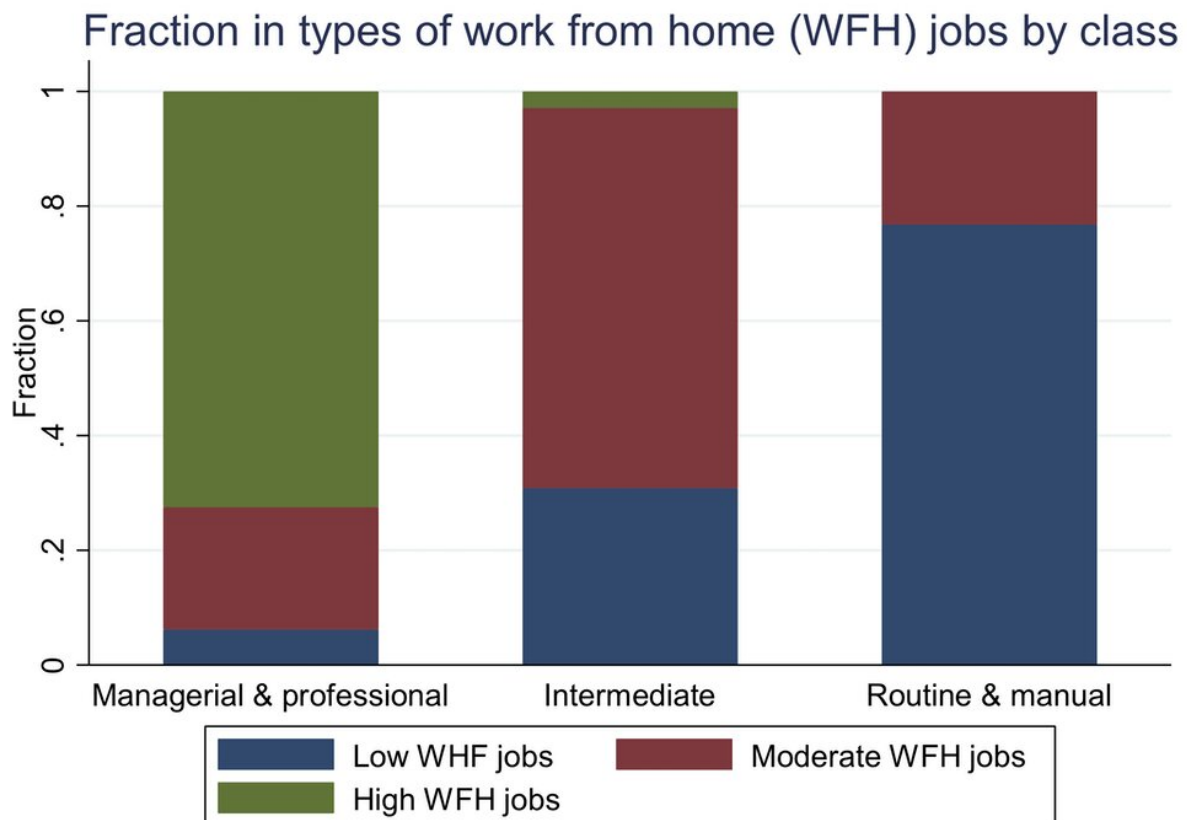
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Impact of easing lockdown

Workers who cannot work from home can now return to their workplaces. This will clearly affect classes differently. Around 75% of

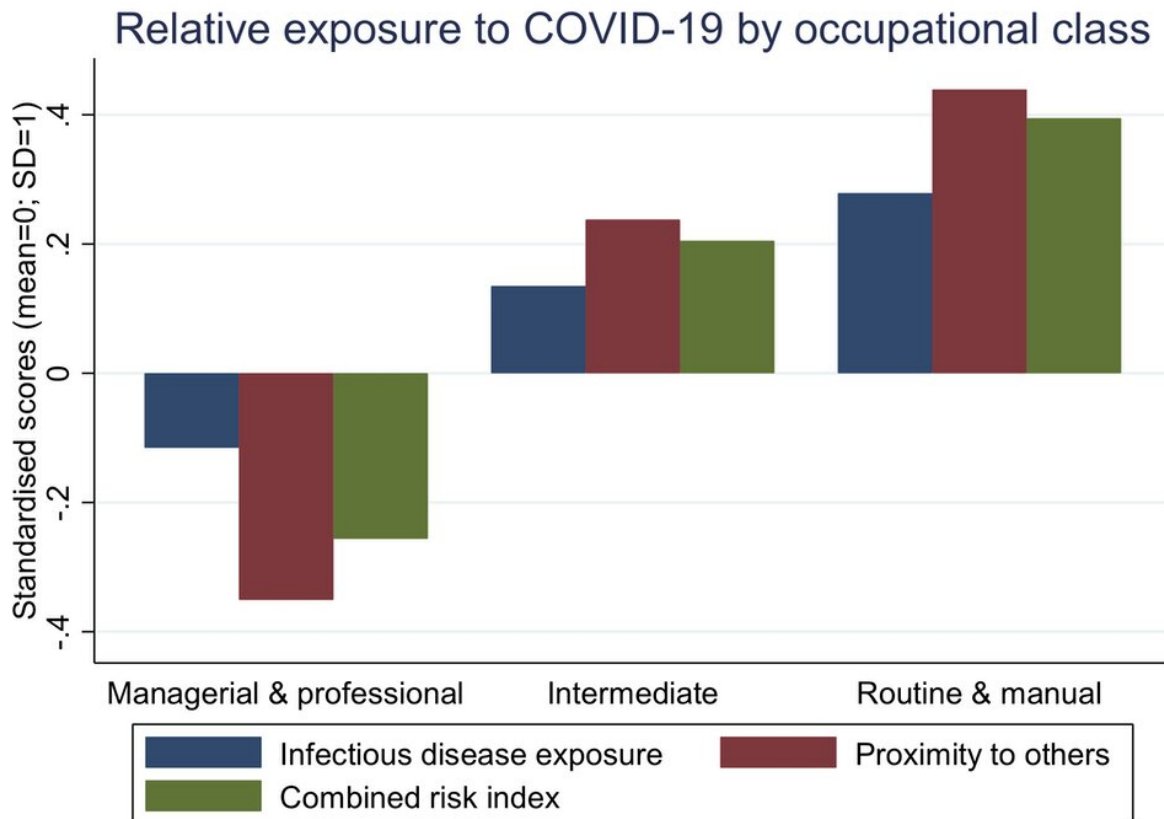
managerial and professional workers will almost certainly carry on working from home because they can. By contrast, a similar proportion of routine and manual workers will most likely be back at their workplaces. According to my analysis of [ONS data](#), these are occupations where less than 10% have ever worked from home.

One way to get a handle on the class dimension of the risks of going back to work is by using recent statistics [published by the ONS](#) on occupational exposure to infectious diseases and proximity to others at work. The first indicator in the graph below (blue bars) shows those in routine and manual occupations are most likely to be exposed to infectious disease in their job. The second indicator (red bars) shows these workers are also most likely to work in close proximity to others, making social distancing measures more difficult.



Author’s analysis of ONS data. England and Wales aged 20 to 64 only. Credit: Mark Williams, [CC BY-ND](#)

Combining these two indicators to form an overall risk index (green bars) reinforces the pattern that those workers being told to go back to work are also most vulnerable to infection at work. By contrast, managerial and professional occupations are less at risk—with some notable exceptions, such as those related to health like [medical practitioners](#), nurses and dentists.



Author's analysis of ONS data. This uses pre-pandemic data and does not reflect changes made since. Credit: Mark Williams, CC BY-ND

What is more, routine and manual jobs are [the lowest paid](#), have the poorest sick pay and [other workplace benefits](#) and are the most [insecure](#). But this predates the [coronavirus](#) crisis—class inequalities in conditions of employment have been becoming [more entrenched](#) over the past four decades.

What COVID-19 does is accelerate the impact of these class differences and throw the issue into stark relief. Reorganising workplaces to enable social distancing will likely be the most challenging and least effective in those jobs being told they can go back to work. They are also most at risk to infection, as well as being the ones needing to go back to work the most to make ends meet. What kind of job you have has never been more important for your life chances.

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