## COVID-19

England 2020 – The Empirical Truth

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# The COVID epidemic ended in June. There is no "2nd" COVID wave, just a continuation of the first where community immunity is not quite complete.

England COVID Mentioned on Death Certificate by Date of Occurrence https://www.ons.gov.uk/people population and community/health and social care/causes of death/datasets/death registrations and occurrences by local authority and health board and the source of the2,50010,000 2,000 8,000 London 1,500 Regions 6,000 Country 1,000 4,000 5002,000 Greater Manchester 0 26-Jun 06-Mar 27-Mar 01-May 29-May 11-Sep 18-Sep 25-Sep 16-Oct 13-Mar 20-Mar 03-Apr10-Apr 17-Apr 24-Apr 08-May 15-May 22-May 05-Jun 12-Jun 19-Jun 03-Jul 10-Jul 17-Jul 24-Jul 31-Jul 07-Aug 14-Aug 21-Aug 28-Aug 04-Sep 02-Oct 09-Oct 23-Oct 30-0ct 06-Nov 13-Nov 04-Dec 11-Dec  $20-N_{OV}$ 27-Nov

Kent
Berkshire, Buckinghamshire and Oxfordshire
Merseyside
West Yorkshire
Herefordshire, Worcestershire and Warwickshire
Bedfordshire and Hertfordshire
Dorset and Somerset

Northumberland and Tyne and Wear
Cumbria and Cheshire
East Yorkshire and Northern Lincolnshire
Derbyshire and Nottinghamshire
Shropshire and Staffordshire
Essex
Cornwall and Isles of Scilly

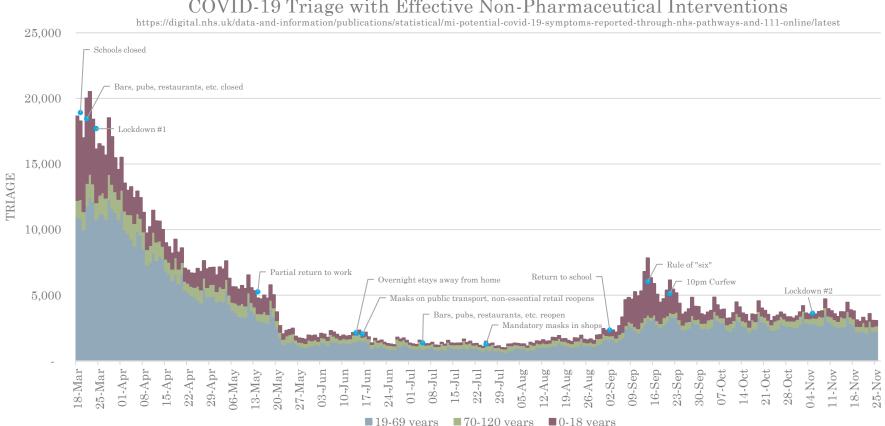
Hampshire
Greater Manchester
North Yorkshire
Leicestershire, Rutland and Northamptonshire
West Midlands
London
Devon

Surrey, East and West Sussex
Lancashire
South Yorkshire
Lincolnshire
East Anglia
Gloucestershire, Wiltshire

### This is true at the local level as well as the regional, strongly suggesting homogeneous behaviour change is not responsible.

London COVID Mentioned on Death Certificate https://www.ons.gov.uk/people population and community/health and social care/causes of death/datasets/deathresistrations and occurrences by local authority and health board in the social care/causes of the social care/cause1503,000 Brent 1252,500 Croydon • Barnet 2,000 100 Local Areas Region 1,500 75501,000 25500Redbridge Havering 0 0 06-Mar 10-Apr 08-May 22-May 13-Mar 03-Apr 17-Apr 24-Apr 01-May 29-May 07-Aug 28-Aug 18-Sep 20-Mar 27-Mar 5-May 05-Jun 12-Jun 19-Jun 26-Jun 03-Jul 10-Jul 17-Jul 24-Jul 31-Jul 14-Aug 21-Aug 04-Sep 11-Sep 25-Sep 02-Oct 09-Oct 16-Oct 23-Oct 30-Oct 06-Nov 13-Nov  $20-N_{OV}$ 27-Nov 04-Dec11-Dec Islington Haringev Hackney Newham Lambeth • Lewisham Southwark • Tower Hamlets • City of London • Hammersmith and Fulham • Kensington and Chelsea • Camden Wandsworth Westminster Barking and Dagenham Bexley Greenwich Enfield Redbridge • Waltham Forest Bromley Kingston upon Thames Merton Sutton • Brent Harrow Hillingdon Richmond upon Thames Havering • Ealing Barnet Croydon

### The evidence supporting the impact of interventions should be substantial but it is not at all discernible in reports of COVID-like symptoms to the NHS.



COVID-19 Triage with Effective Non-Pharmaceutical Interventions

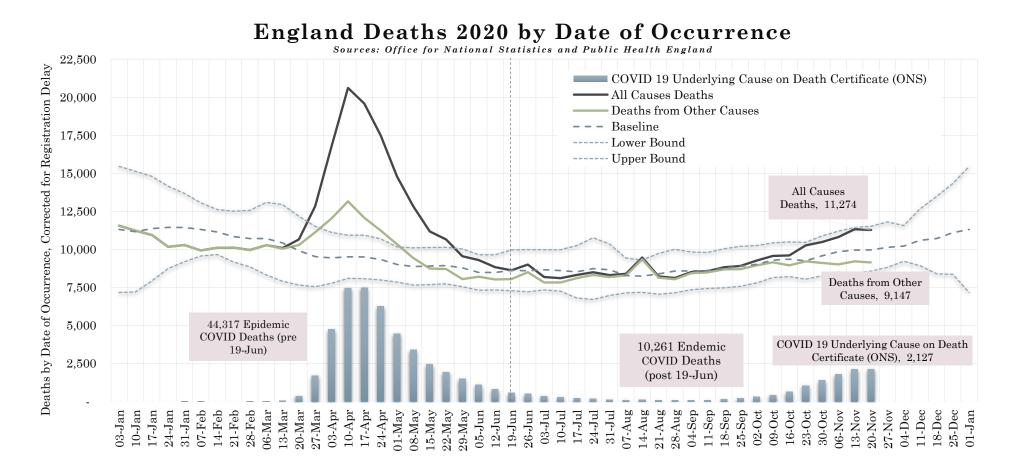
### In fact, there is no evidence at all of successful impact of interventions on the key objective of fatal transmission either.

#### COVID-19 Infections that Led to Death, England 2020

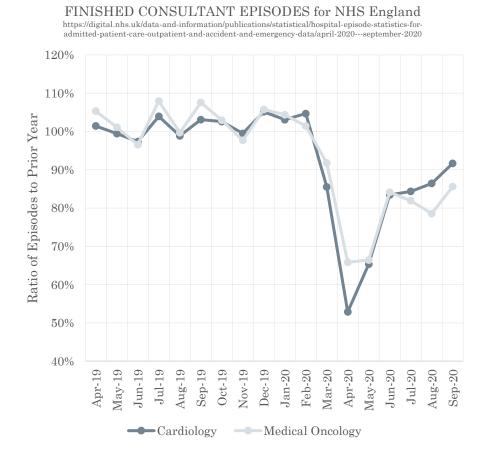
FATAL INFECTIONS MODELLED FROM DEATHS (LOG SCALE) No change in natural course of transmission SCALE) during the period of maximum change in mobility. The only coincidence between intervention GOOGLE MOBILITY INDEX BEHAVIOUR CHANGE (LOG Schools closed Lockdown #1 and viral course is introduction of community Tiers 10pm curfew. mask-wearing at vulnerable stop shielding. Universities ... Symptomatic... Lockdown ends Lockdown #2 Schools return Retail reopens Hospitality reopen Vulnerable stop shielding Mandatory masks Counter-intuitively, as Transmission rate is As mobility increases almost immediately after LD#1 mobility decreases., fatal slowing since early Feb and through to the end of Summer, there is no change in the transmission increases. virtually stalled before any expected Gompertz curve. mobility behaviour change. 14-Dec 28-Dec 28-Dec 04-Jan 11-Jan 11-Jan 18-Jan 01-Feb 08-Feb 08-Feb 04-Jun 13-Jun 22-Feb 07-Mar 14-Mar 22-Feb 07-Mar 14-Mar 22-Feb 09-May 09-May 09-May 09-May 00-Jun 13-Jun 13-Jun 04-Jun 11-Jul 11-Duc 11 Events — Mobility — Fatal Infections — Mobility ------ Fatal Infections

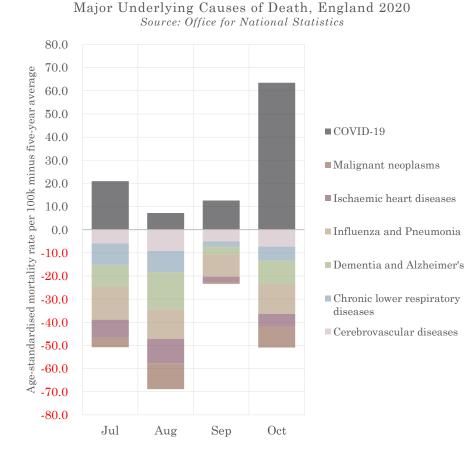
Office for National Statistics | https://coronavirus.data.gov.uk Google LLC "Google COVID-19 Community Mobility Reports". https://www.google.com/covid19/mobility/ Accessed: 26-Nov-2020

Since Sept, as COVID-labelled deaths have risen, deaths from other causes have decreased, suggesting that some COVID deaths are wrongly attributed.



## Despite a significant reduction in healthcare provision, apparently cardiac/circulatory and cancer deaths are lower than expected, as are all other respiratory causes.





The evidence to support the continued existence of a public health emergency should be substantial. But the empirical clinical and mortality data strongly suggests there is no such emergency.

