



International Actuarial Association
Association Actuarielle Internationale

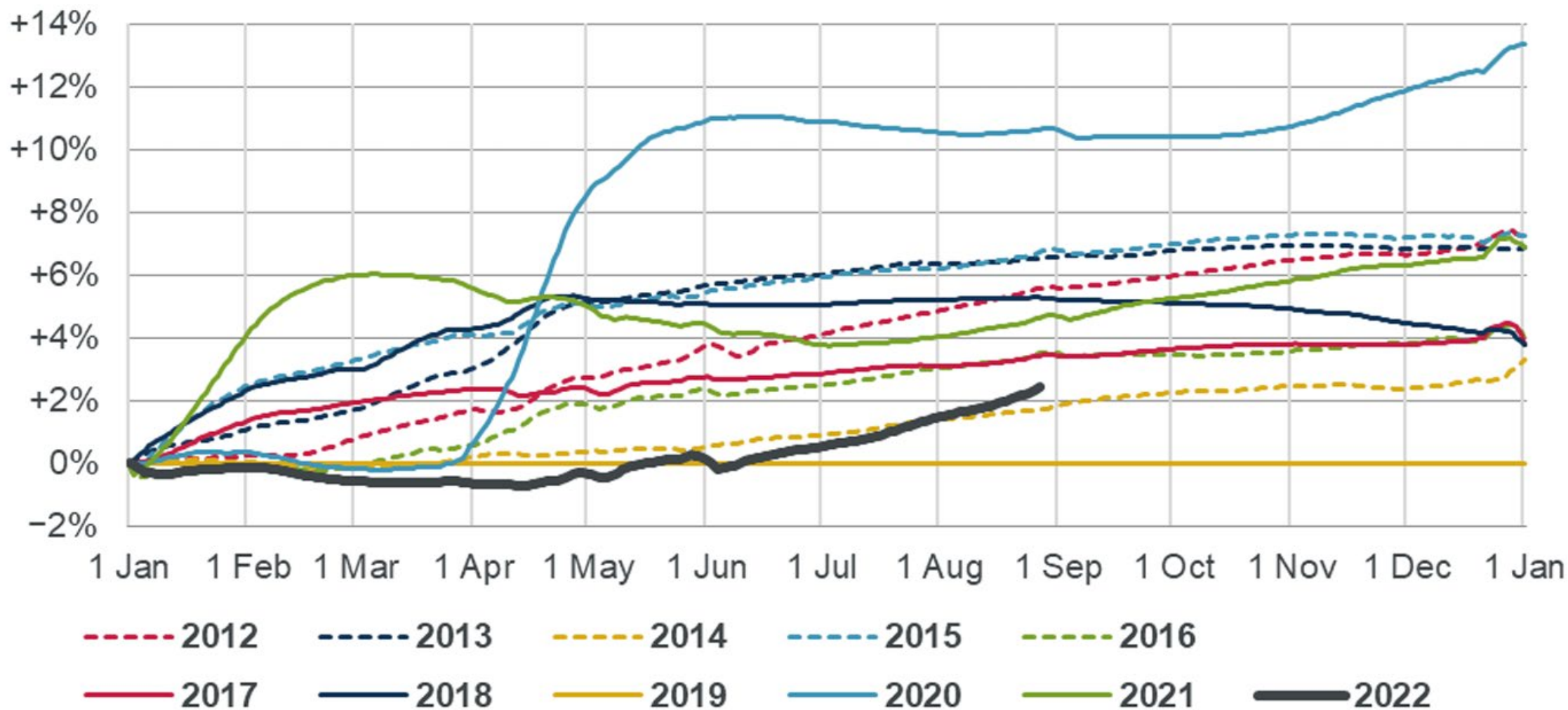


IAA Mortality Virtual Forum UK Update

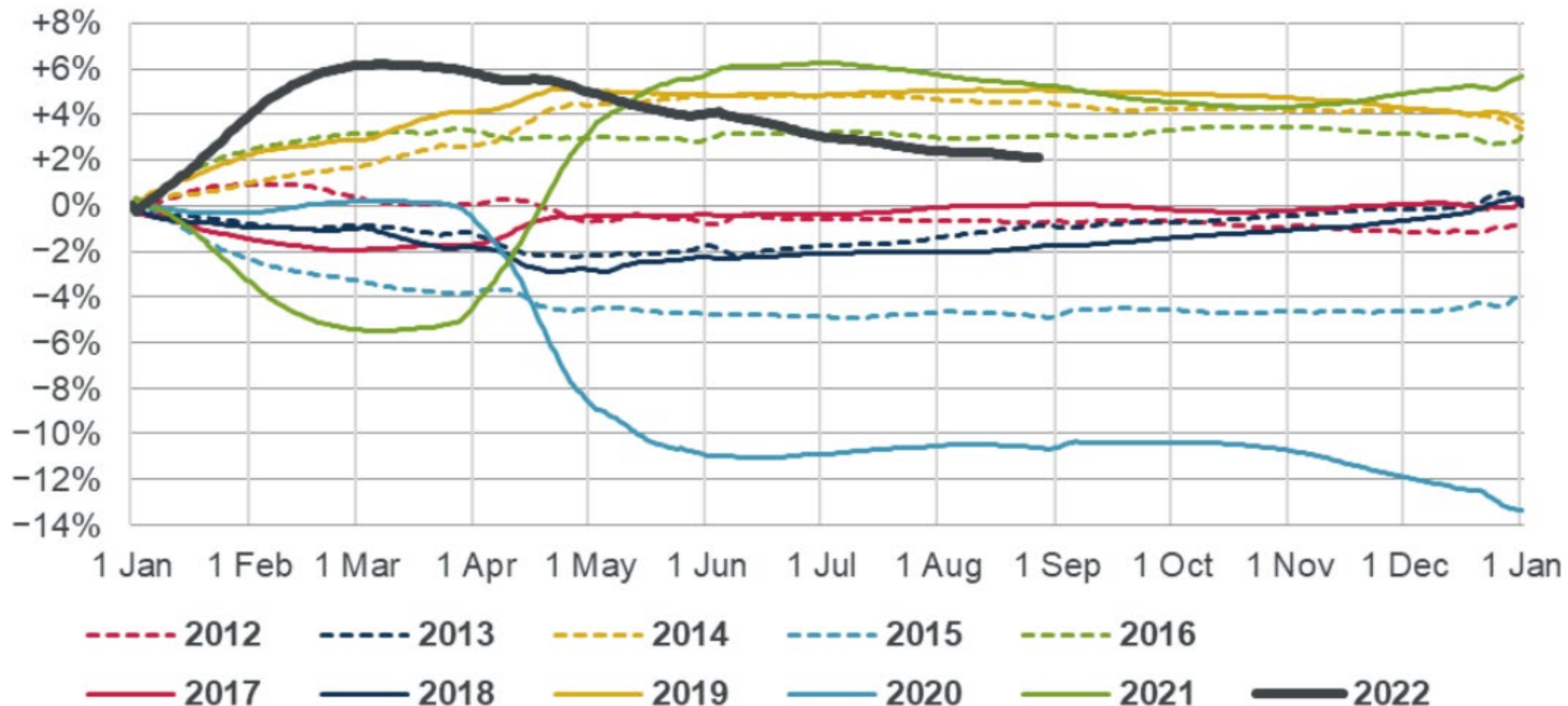
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14 Sep 2022

England & Wales - Cumulative standardised mortality compared to 2019 (to 6 Sep 2022)

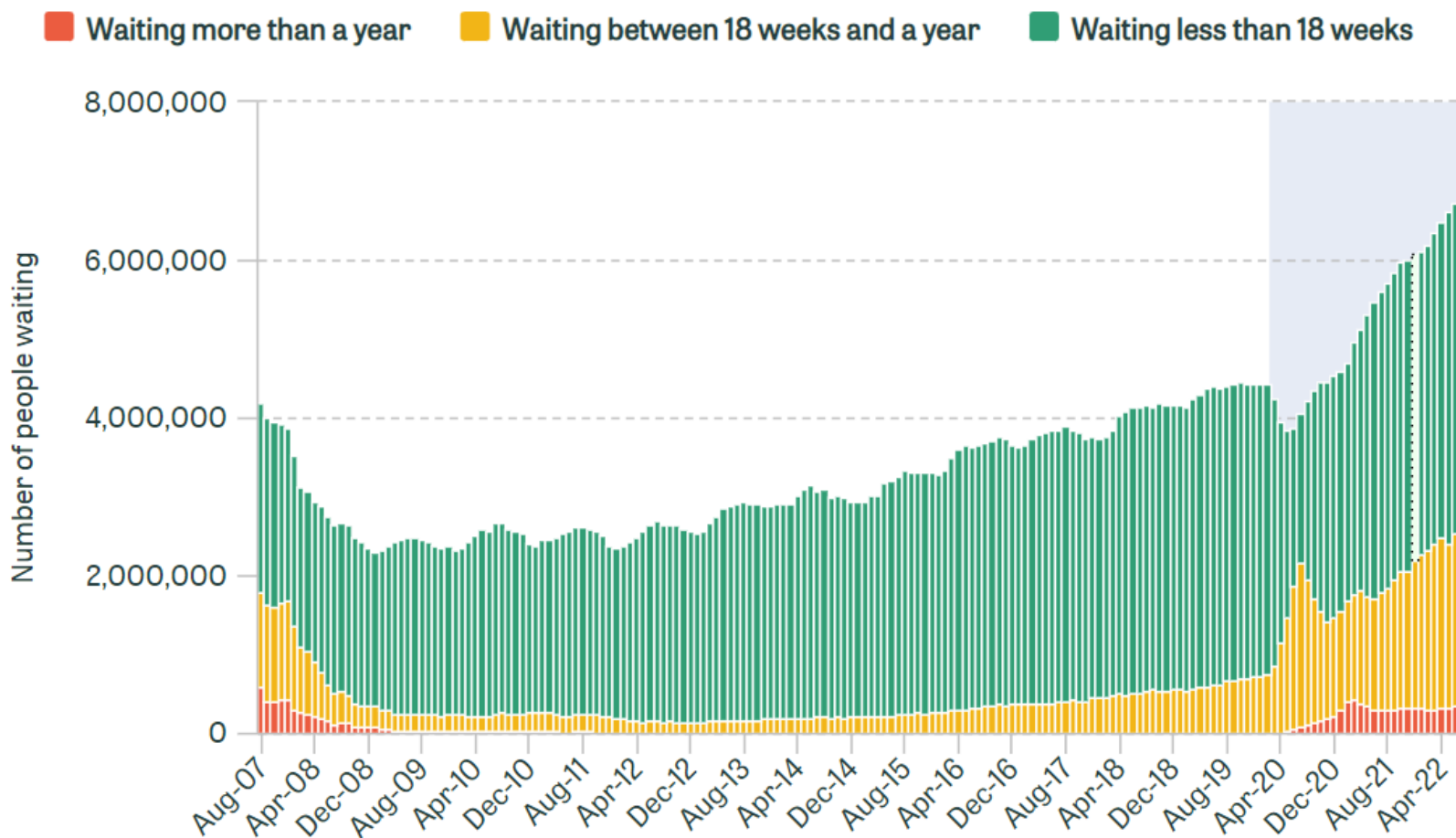


England & Wales - Cumulative annual standardised mortality improvement (to 6 Sep 2022)



Waiting lists remain clear indicator of underlying problems

Institute for Fiscal Studies



The problem of “delayed discharges”

HEADLINE: 1 in 7 beds in England are blocked with “patients fit for medical discharge” who are unable to leave because of lack of support / social care

Health policy

Thérèse Coffey considers paying care homes in England to free hospital beds

New health secretary examining proposals for care homes to look after patients whose discharge is prevented by lack of social care

Denis Campbell and Caroline Davies

Wed 7 Sep 2022 19:25 BST



Thérèse Coffey has been appointed as health secretary and deputy prime minister under Liz Truss. Photograph: James Manning/PA

Thérèse Coffey is considering handing hundreds of millions of pounds to care homes to help free up hospital beds as part of her emergency plan to tackle the growing crisis in the NHS.

Table 2: Number of patients who no longer meet criteria to reside and reasons, and number of patients who

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Note: Due to disclosure risks, trust-level and STP-level data exclude patients who have been discharged to a hospice. This may explain differing sums to regional and national totals

	01/08/2022				02/08/2022			
	Number of patients who no longer meet the criteria to reside	Number of patients discharged by 17:00	Number of patients discharged between 17:01 and 23:59	Number of patients remaining in hospital who no longer meet the criteria to reside	Number of patients who no longer meet the criteria to reside	Number of patients discharged by 17:00	Number of patients discharged between 17:01 and 23:59	Number of patients remaining in hospital who no longer meet the criteria to reside
ENGLAND (All Acute Trusts)	21,122	4,287	3,116	13,719	23,437	5,743	4,157	13,537
EAST OF ENGLAND	2,163	479	335	1,349	2,289	692	403	1,194
LONDON	2,230	579	406	1,245	2,534	755	575	1,204
MIDLANDS	3,647	727	613	2,307	4,101	993	889	2,219
NORTH EAST AND YORKSHIRE	3,737	787	608	2,342	4,355	1,078	840	2,437
NORTH WEST	3,249	548	355	2,346	3,439	651	399	2,389
SOUTH EAST	3,094	669	395	2,030	3,332	861	539	1,932
SOUTH WEST	3,002	498	404	2,100	3,387	713	512	2,162

England – Deterioration in non-COVID excess deaths for 2022

11 Jun – 18 Aug 2022



Causes of Death mentioned on death certificate	Registered Deaths	Excess Deaths	Excess %	Underlying Cause COVID	Non-COVID Excess	Non-COVID Excess %
Acute respiratory infections	17,042	2,777	19%	2,172	605	4%
Cancer	30,410	722	2%	430	292	1%
Cerebrovascular diseases	9,156	1,028	13%	196	832	10%
Chronic lower respiratory diseases	11,842	1,102	10%	616	486	5%
Cirrhosis and other liver diseases	3,275	357	12%	51	306	10%
Dementia and Alzheimer's	15,946	-16	0%	465	-481	-3%
Diabetes	11,645	1,822	19%	453	1,369	14%
Diseases of the urinary system	12,468	1,668	15%	528	1,140	11%
Heart failure	13,155	2,543	24%	453	2,090	20%
Ischaemic heart diseases	17,920	2,820	19%	443	2,377	16%
Other circulatory diseases	35,015	4,410	14%	1,120	3,290	11%
Other respiratory diseases	7,904	-154	-2%	351	-505	-6%
Parkinson's disease	2,106	41	2%	82	-41	-2%

1 Jan – 10 Jun 2022



Causes of Death mentioned on death certificate	Registered Deaths	Excess Deaths	Excess %	Underlying Cause COVID	Non-COVID Excess	Non-COVID Excess %
Acute respiratory infections	45,716	-5,522	-11%	8,328	-13,850	-27%
Cancer	70,047	-482	-1%	1,537	-2,019	-3%
Cerebrovascular diseases	22,191	72	0%	734	-662	-3%
Chronic lower respiratory diseases	29,161	-3,417	-10%	2,298	-5,715	-18%
Cirrhosis and other liver diseases	7,886	617	8%	216	401	6%
Dementia and Alzheimer's	41,091	-6,313	-13%	2,352	-8,665	-18%
Diabetes	28,831	2,028	8%	1,916	112	0%
Diseases of the urinary system	31,570	1,150	4%	1,972	-822	-3%
Heart failure	32,001	2,150	7%	1,581	569	2%
Ischaemic heart diseases	44,013	2,109	5%	1,668	441	1%
Other circulatory diseases	86,163	1,834	2%	4,345	-2,511	-3%
Other respiratory diseases	19,100	-3,751	-16%	1,193	-4,944	-22%
Parkinson's disease	5,250	-423	-7%	308	-731	-13%

NB More than one cause can be mentioned on death certificate so total number of deaths is not sum of individual causes of death

Place of death	Registered Deaths	Excess Deaths	Excess %	Underlying Cause COVID	Non-COVID Excess	Non-COVID Excess %
Care home	20,136	763	4%	634	129	1%
Home	28,777	5,472	23%	458	5,014	22%
Hospice	4,897	-935	-16%	148	-1,083	-19%
Hospital	43,621	5,519	14%	3,857	1,662	4%
Other places	3,275	124	4%	40	84	3%

Place of death on death certificate	Registered Deaths	Excess Deaths	Excess %	Underlying Cause COVID	Non-COVID Excess	Non-COVID Excess %
Care home	48,598	-6,573	-12%	3,733	-10,306	-19%
Home	69,749	10,461	18%	458	10,003	17%
Hospice	10,838	-2,805	-21%	148	-2,953	-22%
Hospital	105,325	-2,563	-2%	3,857	-6,420	-6%
Other places	6,396	222	4%	40	182	3%

- UK groups involved in modelling morbidity and mortality
 - [Office for Health Improvement and Disparities](#)
 - [Health Data Research UK](#)
 - [MRC Biostatistics Unit, University of Cambridge](#)
 - [Bennett Institute for Applied Data Science](#)
 - [Electronic Health Records \(EHR\) Research Group, London School of Hygiene and Tropical Medicine](#)
 - [MRC Centre for Global Infectious Disease Analysis, Imperial College London](#)
 - [Usher Institute: Edinburgh Medical School - Molecular, Genetic and Population Health Sciences](#)
 - [The Alan Turing Institute](#)
- Actuarial mortality research groups
 - [Continuous Mortality Investigation Bureau](#)
 - [COVID-19 Actuaries Response Group](#)
 - [Mortality Research Steering Committee](#)
 - [Longevity & Mortality Actuaries' Forum](#)