

# The four health systems of the United Kingdom: how do they compare?

## Appendix 2: Amenable mortality tables

Gwyn Bevan, Marina Karanikolos, Josephine Exley, Ellen Nolte,  
Sheelah Connolly and Nicholas Mays

## About this research programme

The report to which this is an appendix is the fourth in a series dating back to 1999. It looks at how the publicly financed health care systems in the four countries of the UK have fared before and after devolution.

The research looks at how the four national health systems compare and how they have performed in terms of quality and productivity before and after devolution. We have also examined performance in North East England, which is acknowledged to be the region that is most comparable to Wales, Scotland and Northern Ireland in terms of socioeconomic and other indicators.

The full report, summary report, data appendices and digital outputs, together with a short report on the history of devolution (to be published later in 2014), are available to download free of charge at [www.nuffieldtrust.org.uk/compare-uk-health](http://www.nuffieldtrust.org.uk/compare-uk-health) and [www.health.org.uk/compareUKhealth](http://www.health.org.uk/compareUKhealth)

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**Table 1: Age-standardised death rates (per 100,000 population) among men (upper panel) and women (lower panel) from selected causes in the four countries of the UK and the North East of England, aged 0–74, 1990, 2000 and 2010**

Sex/nation	Amenable (including 50% ischaemic heart disease)			Stroke			Other cardiovascular diseases			Treatable cancer			Respiratory			Perinatal, maternal and congenital		
	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
<b>MEN:</b>																		
England	183.70	126.13	80.14	35.16	24.30	13.93	4.35	3.37	2.91	22.32	16.97	14.15	8.94	10.75	7.07	11.40	8.37	6.80
North East	216.01	152.95	88.99	45.76	27.97	15.63	4.35	3.03	3.68	23.22	23.16	14.09	8.86	13.60	8.66	10.44	9.20	5.75
Wales	201.98	139.98	87.44	39.77	28.33	14.03	5.17	3.06	3.31	25.39	21.73	15.49	9.25	10.64	8.09	10.45	8.68	6.91
N. Ireland	227.22	147.18	90.29	35.02	22.39	16.00	4.60	2.57	2.56	25.20	18.63	16.70	28.00	23.54	7.12	7.58	6.89	7.21
Scotland	234.39	159.83	97.20	50.65	33.30	18.16	4.20	5.17	3.48	23.05	20.78	14.92	19.03	11.36	7.67	8.26	7.35	4.74
<b>WOMEN:</b>																		
England	137.80	97.10	64.39	26.14	18.27	9.90	4.67	2.60	1.80	53.23	37.58	28.46	5.53	6.96	4.86	9.22	7.27	6.02
North East	159.27	110.22	69.31	31.53	21.73	10.82	5.89	2.68	1.96	51.07	39.31	31.01	6.22	6.81	5.19	9.24	7.68	5.47
Wales	142.64	103.98	71.78	30.58	18.04	12.54	5.59	3.77	1.53	52.15	41.18	30.95	4.70	6.77	5.28	7.46	5.75	5.42
N. Ireland	161.22	113.12	72.08	32.61	18.39	12.54	7.05	2.39	1.85	50.39	40.94	28.96	16.82	19.73	5.69	5.76	4.76	5.76
Scotland	170.11	114.83	76.84	37.00	25.04	12.73	5.38	4.22	2.41	51.40	38.57	31.35	12.13	6.91	5.32	7.17	6.42	4.11

**Table 1: Age-standardised death rates (per 100,000 population) among men (upper panel) and women (lower panel) from selected causes in the four countries of the UK and the North East of England, aged 0–74, 1990, 2000 and 2010 (continued)**

Sex/nation	Digestive			Infectious			Diabetes			Other amenable			Ischaemic heart disease (50%)			Remaining causes ('other')		
	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
<b>MEN:</b>																		
England	4.48	3.63	2.84	1.56	1.77	1.34	0.58	0.61	0.60	4.54	3.85	2.94	90.38	52.51	27.56	395.85	320.55	254.96
North East	4.35	4.65	3.58	1.27	2.26	1.67	1.08	0.75	0.71	4.72	4.39	3.68	111.95	63.95	31.54	469.94	367.86	288.58
Wales	4.53	3.64	2.67	2.12	1.32	2.02	0.22	0.61	0.76	5.01	2.94	3.60	100.07	59.03	30.57	412.90	342.99	280.51
N. Ireland	4.08	4.21	2.55	1.14	0.86	1.84	0.44	0.81	1.17	9.62	7.61	2.89	111.53	59.67	32.26	422.76	327.6	301.69
Scotland	4.86	4.38	2.84	2.41	1.96	3.16	0.55	0.57	0.73	6.86	6.37	4.07	114.52	68.60	37.43	476.83	422.63	344.44
<b>WOMEN:</b>																		
England	2.72	2.49	1.71	0.92	1.42	1.10	0.42	0.38	0.36	2.81	2.44	2.06	32.15	17.70	8.13	197.74	176.48	149.2
North East	2.76	3.34	1.98	1.39	1.71	1.01	0.31	0.35	0.08	3.57	2.47	3.01	47.28	24.13	8.79	245.63	211.48	176.65
Wales	2.30	2.99	2.25	0.92	1.29	1.25	0.62	0.66	0.52	2.73	2.39	2.81	35.61	21.16	9.22	201.49	186.38	164.56
N. Ireland	2.34	2.34	1.80	0.49	0.67	2.24	0.69	0.38	1.14	4.13	2.26	2.21	40.93	21.26	9.88	213.12	180.23	170.11
Scotland	2.84	2.57	1.98	1.70	2.00	2.56	0.16	0.62	0.94	4.82	2.57	2.66	47.49	25.90	12.77	248.93	226.81	202.5

**Table 2: Age-standardised death rates (per 100,000 population) among men (upper panel) and women (lower panel) from selected causes in the four countries of the UK and the North East of England, aged 0–64, 1990, 2000 and 2010**

Sex/nation	Amenable (including 50% ischaemic heart disease)			Stroke			Other cardiovascular diseases			Treatable cancer			Respiratory			Perinatal, maternal and congenital		
	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
<b>MEN:</b>																		
England	98.61	67.68	47.83	14.17	10.62	6.57	2.17	1.89	1.66	12.67	9.24	7.86	4.68	4.86	3.82	12.14	8.94	7.24
North East	118.51	83.04	52.00	19.71	12.14	6.77	2.15	1.53	2.19	13.33	13.18	6.89	4.11	5.10	4.90	11.18	9.92	6.13
Wales	107.34	74.10	50.85	15.98	12.33	7.04	2.92	1.62	2.09	15.49	12.04	7.19	4.58	4.70	4.24	11.01	9.36	7.12
N. Ireland	116.90	79.18	53.64	12.89	9.31	8.70	3.13	2.06	1.72	14.21	10.45	8.45	8.97	10.97	3.73	8.18	7.29	7.78
Scotland	120.54	85.26	55.27	20.63	13.24	8.68	2.44	2.84	1.98	12.56	10.85	7.82	7.47	5.73	3.41	8.87	7.89	5.08
<b>WOMEN:</b>																		
England	80.48	58.15	41.77	10.48	8.17	4.62	2.11	1.13	0.88	38.42	27.13	20.03	2.51	3.18	2.74	9.86	7.72	6.44
North East	90.55	64.78	45.43	12.70	10.58	5.62	2.83	0.73	0.95	38.00	27.63	22.80	3.07	3.06	2.52	9.91	8.09	5.84
Wales	81.52	61.55	46.05	13.64	7.46	6.49	2.94	1.95	0.78	36.78	30.48	21.90	1.96	2.99	2.48	7.89	6.05	5.85
N. Ireland	90.53	65.61	45.23	14.37	9.13	5.88	3.83	0.91	1.06	37.61	29.73	19.36	7.13	10.03	3.26	6.21	5.14	6.22
Scotland	95.86	65.44	47.92	15.58	10.90	6.28	3.36	1.84	1.30	38.01	26.43	22.51	5.05	3.82	2.98	7.64	6.82	4.37

**Table 2: Age-standardised death rates (per 100,000 population) among men (upper panel) and women (lower panel) from selected causes in the four countries of the UK and the North East of England, aged 0–64, 1990, 2000 and 2010 (continued)**

Sex/nation	Digestive			Infectious			Diabetes			Other amenable			Ischaemic heart disease (50%)			Remaining causes ('other')		
	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
<b>MEN:</b>																		
England	2.14	1.80	1.62	0.93	1.09	0.79	0.62	0.66	0.65	2.95	2.78	2.28	46.15	25.81	15.33	223.86	185.59	155.47
North East	2.15	2.41	1.80	0.85	1.22	0.73	1.17	0.81	0.76	3.44	3.50	2.89	60.41	33.23	18.96	259.53	208.58	175.32
Wales	2.35	1.80	1.17	1.10	0.99	1.51	0.24	0.66	0.82	2.83	2.08	2.68	50.83	28.54	16.98	229.25	200.43	175.18
N. Ireland	1.81	2.04	1.70	0.47	0.64	0.93	0.48	0.87	1.26	8.70	5.63	1.84	58.06	29.92	17.54	245.66	194.34	189.62
Scotland	2.62	2.76	1.68	1.58	0.98	1.77	0.60	0.61	0.79	4.25	4.36	2.83	59.52	36.00	21.24	284.30	260.72	221.68
<b>WOMEN:</b>																		
England	1.23	1.08	0.88	0.63	0.98	0.66	0.45	0.41	0.39	1.92	1.74	1.54	12.87	6.62	3.60	112.97	99.72	88.48
North East	1.42	1.89	1.22	0.85	1.45	0.53	0.34	0.38	0.08	2.31	1.81	2.02	19.13	9.16	3.84	135.96	117.91	104.45
Wales	0.98	1.60	1.01	0.65	0.60	0.84	0.67	0.71	0.56	1.62	1.77	2.16	14.39	7.94	3.98	116.94	103.19	97.47
N. Ireland	1.19	0.93	1.11	0.30	0.16	1.40	0.74	0.41	1.23	2.55	0.95	1.38	16.60	8.24	4.34	128.95	103.38	107.04
Scotland	1.40	1.52	1.05	1.13	1.03	1.22	0.17	0.67	1.01	3.01	1.56	1.69	20.50	10.83	5.51	145.70	131.07	118.37

**Table 3: Age-standardised death rates (per 100,000 population) among men (upper panel) and women (lower panel) from selected causes in the four countries of the UK and the North East of England, aged 65–74, 1990, 2000 and 2010**

Sex/nation	Amenable (including 50% ischaemic heart disease)			Stroke			Other cardiovascular diseases			Treatable cancer			Respiratory			Perinatal, maternal and congenital		
	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
<b>MEN:</b>																		
England	1265.50	869.35	490.94	302.10	198.30	107.48	32.11	22.20	18.75	144.93	115.29	94.06	63.10	85.67	48.48	2.03	1.11	1.16
North East	1455.72	1041.80	559.24	376.86	229.27	128.24	32.32	22.09	22.75	149.01	150.12	105.67	69.25	121.60	56.49	1.01	0.00	0.95
Wales	1405.27	977.61	552.70	342.24	231.72	102.81	33.73	21.44	18.87	151.28	144.86	120.91	68.56	86.19	57.04	3.25	0.00	4.17
N. Ireland	1629.91	1011.76	556.24	316.41	188.69	108.89	23.27	9.17	13.21	164.88	122.63	121.70	269.94	183.33	50.21	0.00	1.90	0.00
Scotland	1681.87	1108.01	630.29	432.30	288.35	138.70	26.52	34.74	22.57	156.32	146.96	105.19	166.04	82.90	61.76	0.55	0.52	0.43
<b>WOMEN:</b>																		
England	866.53	592.27	351.97	225.22	146.60	77.03	37.16	21.35	13.49	241.50	170.45	135.63	44.01	54.96	31.75	1.03	1.64	0.62
North East	1032.99	687.91	372.95	270.94	163.54	76.93	44.79	27.53	14.81	217.23	187.85	135.41	46.21	54.43	39.07	0.77	2.48	0.71
Wales	919.71	643.49	398.85	245.93	152.50	89.50	39.19	26.81	11.07	247.64	177.15	146.13	39.45	54.76	40.79	1.90	1.85	0.00
N. Ireland	1059.97	717.27	413.50	264.63	136.17	97.22	47.98	21.27	11.89	212.89	183.52	151.09	140.02	143.02	36.55	0.00	0.00	0.00
Scotland	1114.13	742.81	444.49	309.34	204.85	94.79	31.08	34.47	16.56	221.57	192.94	143.71	102.23	46.14	35.11	1.22	1.33	0.85



**Table 3: Age-standardised death rates (per 100,000 population) among men (upper panel) and women (lower panel) from selected causes in the four countries of the UK and the North East of England, aged 65–74, 1990, 2000 and 2010 (continued)**

Sex/nation	Digestive			Infectious			Diabetes			Other amenable			Ischaemic heart disease (50%)			Remaining causes ('other')		
	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
<b>MEN:</b>																		
England	34.31	26.96	18.40	9.48	10.41	8.33	-	-	-	24.74	17.49	11.26	652.70	391.92	183.01	2582.56	2036.48	1519.92
North East	32.32	33.13	26.24	6.62	15.44	13.70	-	-	-	20.99	15.64	13.70	767.34	454.52	191.50	3145.18	2392.96	1728.61
Wales	32.27	27.13	21.76	15.10	5.58	8.50	-	-	-	32.81	13.91	15.39	726.04	446.78	203.26	2747.92	2155.57	1619.73
N. Ireland	32.98	31.81	13.30	9.71	3.63	13.35	-	-	-	21.32	32.70	16.22	791.40	437.88	219.36	2674.53	2021.94	1726.54
Scotland	33.39	25.08	17.66	13.01	14.39	20.87	-	-	-	39.96	31.96	19.85	813.78	483.11	243.27	2924.72	2481.19	1905.34
<b>WOMEN:</b>																		
England	21.56	20.42	12.28	4.60	6.98	6.79	-	-	-	14.17	11.31	8.68	277.27	158.57	65.71	1275.59	1152.42	921.20
North East	19.81	21.85	11.60	8.35	4.97	7.14	-	-	-	19.67	10.84	15.53	405.22	214.42	71.75	1639.95	1401.16	1094.63
Wales	18.97	20.74	18.04	4.46	10.11	6.56	-	-	-	16.75	10.29	11.00	305.42	189.28	75.77	1276.45	1244.03	1017.55
N. Ireland	16.87	20.30	10.64	2.90	7.20	13.02	-	-	-	24.34	18.97	12.76	350.34	186.83	80.34	1283.24	1157.39	972.04
Scotland	21.16	15.95	13.72	8.94	14.33	19.57	-	-	-	27.94	15.42	15.06	390.64	217.38	105.11	1561.49	1444.05	1272.20

**Table 4: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–74**

Sex/nation	Amenable (including 50% ischaemic heart disease)		Stroke		Other cardiovascular diseases		Treatable cancer		Respiratory		Perinatal, maternal and congenital	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>MEN:</b>												
England:												
Absolute decline (slope)	-5.62	-4.79	-1.00	-1.20	-0.11	-0.03	-0.61	-0.34	0.25	-0.26	-0.26	-0.16
Relative decline (%)	31%	36%	31%	43%	23%	14%	24%	17%	-20%	34%	27%	19%
North East:												
Absolute decline (slope)	-7.05	-6.78	-1.61	-1.61	-0.20	0.05	-0.33	-0.77	0.42	-0.43	-0.21	-0.35
Relative decline (%)	29%	42%	39%	44%	30%	-22%	0%	39%	-53%	36%	12%	37%
Wales:												
Absolute decline (slope)	-5.41	-5.01	-0.91	-1.35	-0.13	0.04	-0.39	-0.41	0.28	-0.12	-0.20	-0.11
Relative decline (%)	31%	38%	29%	50%	41%	-8%	14%	29%	-15%	24%	17%	20%
N. Ireland:												
Absolute decline (slope)	-7.91	-5.53	-1.20	-0.97	-0.33	0.03	-0.64	-0.28	-0.17	-1.01	-0.20	-0.11
Relative decline (%)	35%	39%	36%	29%	44%	1%	26%	10%	16%	70%	9%	-5%
Scotland:												
Absolute decline (slope)	-7.12	-5.95	-1.79	-1.41	-0.01	-0.18	-0.19	-0.55	-0.23	-0.23	-0.21	-0.28
Relative decline (%)	32%	39%	34%	45%	-23%	33%	10%	28%	40%	32%	11%	35%

**Table 4: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–74 (continued)**

Sex/nation	Digestive		Infectious		Diabetes		Other amenable		Ischaemic heart disease (50%)		Remaining causes ('other')	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>MEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-0.06	-0.09	0.04	-0.03	0.01	-0.01	-3.85	-2.57	-3.89	-2.59	-7.14	-6.32
Relative decline (%)	19%	22%	-13%	24%	-6%	1%	15%	24%	42%	48%	12%	15%
<b>North East:</b>												
Absolute decline (slope)	0.02	-0.19	0.02	-0.05	0.00	-0.02	-5.13	-3.31	-5.18	-3.34	-8.82	-7.70
Relative decline (%)	-7%	23%	-77%	26%	31%	6%	7%	16%	43%	51%	15%	15%
<b>Wales:</b>												
Absolute decline (slope)	0.06	-0.09	-0.03	0.05	0.02	-0.02	-4.04	-3.01	-4.09	-3.04	-6.29	-5.89
Relative decline (%)	20%	27%	38%	-53%	-176%	-24%	41%	-22%	41%	48%	9%	12%
<b>N. Ireland:</b>												
Absolute decline (slope)	-0.02	-0.15	-0.06	-0.03	0.01	0.03	-4.91	-2.76	-4.97	-2.79	-8.46	-3.19
Relative decline (%)	-3%	39%	24%	-114%	-81%	-45%	21%	62%	47%	46%	14%	-1%
<b>Scotland:</b>												
Absolute decline (slope)	-0.01	-0.13	0.06	0.08	0.03	0.02	-4.78	-3.05	-4.83	-3.08	-5.19	-8.45
Relative decline (%)	10%	35%	19%	-61%	-3%	-29%	7%	36%	40%	45%	2%	13%

**Table 4: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–74 (continued)**

Sex/nation	Amenable (including 50% ischaemic heart disease)		Stroke		Other cardiovascular diseases		Treatable cancer		Respiratory		Perinatal, maternal and congenital	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>WOMEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-4.04	-3.28	-0.72	-0.92	-0.21	-0.08	-1.63	-0.82	0.18	-0.17	-0.19	-0.11
Relative decline (%)	30%	34%	30%	46%	44%	31%	29%	24%	-26%	30%	21%	17%
<b>North East:</b>												
Absolute decline (slope)	-5.20	-3.82	-0.88	-1.22	-0.32	-0.05	-1.54	-0.69	0.15	-0.15	-0.40	-0.08
Relative decline (%)	31%	37%	31%	50%	54%	27%	23%	21%	-9%	24%	17%	29%
<b>Wales:</b>												
Absolute decline (slope)	-3.93	-3.45	-0.93	-0.81	-0.16	-0.18	-1.44	-0.96	0.22	-0.12	-0.10	-0.06
Relative decline (%)	27%	31%	41%	30%	33%	59%	21%	25%	-44%	22%	23%	6%
<b>N. Ireland:</b>												
Absolute decline (slope)	-5.06	-3.61	-1.22	-0.77	-0.35	-0.01	-1.52	-0.82	0.23	-0.79	-0.02	-0.03
Relative decline (%)	30%	36%	44%	32%	66%	23%	19%	29%	-17%	71%	17%	-21%
<b>Scotland:</b>												
Absolute decline (slope)	-5.68	-3.74	-1.48	-1.22	-0.17	-0.15	-1.53	-0.78	-0.12	-0.02	-0.11	-0.24
Relative decline (%)	32%	33%	32%	49%	22%	43%	25%	19%	43%	23%	11%	36%

**Table 4: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–74 (continued)**

Sex/nation	Digestive		Infectious		Diabetes		Other amenable		Ischaemic heart disease (50%)		Remaining causes ('other')	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>WOMEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-0.03	-0.07	0.06	-0.02	0.00	0.00	-0.02	-0.06	-1.48	-1.01	-0.37	-1.74
Relative decline (%)	8%	31%	-55%	22%	9%	5%	13%	15%	45%	54%	4%	11%
<b>North East:</b>												
Absolute decline (slope)	0.05	-0.08	0.09	-0.06	0.02	-0.02	-0.03	-0.02	-2.33	-1.45	-0.83	-2.06
Relative decline (%)	-21%	41%	-23%	41%	-13%	78%	31%	-22%	49%	64%	6%	10%
<b>Wales:</b>												
Absolute decline (slope)	0.05	-0.09	0.01	0.04	0.00	-0.02	-0.04	0.01	-1.55	-1.26	1.08	-0.90
Relative decline (%)	-30%	25%	-40%	3%	-6%	21%	12%	-18%	41%	56%	0%	6%
<b>N. Ireland:</b>												
Absolute decline (slope)	0.01	-0.09	0.00	0.03	-0.02	0.04	-0.16	-0.08	-2.01	-1.09	-0.80	0.21
Relative decline (%)	0%	23%	-38%	-234%	45%	-203%	45%	2%	48%	54%	8%	-1%
<b>Scotland:</b>												
Absolute decline (slope)	-0.04	-0.09	0.05	0.08	0.03	0.05	-0.10	-0.07	-2.20	-1.31	0.52	-1.29
Relative decline (%)	9%	23%	-18%	-28%	-291%	-50%	47%	-4%	45%	51%	0%	6%

**Table 5: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–64**

Sex/nation	Amenable (including 50% ischaemic heart disease)		Stroke		Other cardiovascular diseases		Treatable cancer		Respiratory		Perinatal, maternal and congenital	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>MEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-3.05	-2.10	-0.33	-0.46	-0.04	-0.01	-0.41	-0.18	0.04	-0.07	-0.27	-0.17
Relative decline (%)	31%	29%	25%	38%	13%	12%	27%	15%	-4%	21%	26%	19%
<b>North East:</b>												
Absolute decline (slope)	-3.98	-3.22	-0.68	-0.64	-0.10	0.04	-0.23	-0.52	0.10	-0.05	-0.22	-0.38
Relative decline (%)	30%	37%	38%	44%	29%	-43%	1%	48%	-24%	4%	11%	38%
<b>Wales:</b>												
Absolute decline (slope)	-2.88	-2.08	-0.23	-0.46	-0.07	0.05	-0.30	-0.26	0.12	-0.01	-0.19	-0.13
Relative decline (%)	31%	31%	23%	43%	45%	-29%	22%	40%	-3%	10%	15%	24%
<b>N. Ireland:</b>												
Absolute decline (slope)	-4.26	-2.27	-0.54	-0.17	-0.21	-0.01	-0.42	-0.23	0.16	-0.33	-0.22	-0.11
Relative decline (%)	32%	32%	28%	7%	34%	17%	27%	19%	-22%	66%	11%	-7%
<b>Scotland:</b>												
Absolute decline (slope)	-3.52	-2.78	-0.67	-0.46	-0.01	-0.09	-0.19	-0.34	-0.01	-0.13	-0.23	-0.30
Relative decline (%)	29%	35%	36%	34%	-16%	30%	14%	28%	23%	40%	11%	36%

**Table 5: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–64 (continued)**

Sex/nation	Digestive		Infectious		Diabetes		Other amenable		Ischaemic heart disease (50%)		Remaining causes ('other')	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>MEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-0.02	-0.02	0.03	-0.02	0.01	-0.01	0.00	-0.06	-2.06	-1.10	-3.50	-2.92
Relative decline (%)	16%	10%	-16%	27%	-6%	1%	6%	18%	44%	41%	17%	16%
<b>North East:</b>												
Absolute decline (slope)	0.01	-0.08	-0.01	-0.06	0.00	-0.02	0.00	-0.07	-2.83	-1.44	-4.11	-3.34
Relative decline (%)	-12%	26%	-43%	40%	31%	6%	-2%	18%	45%	43%	20%	16%
<b>Wales:</b>												
Absolute decline (slope)	0.00	-0.06	0.00	0.02	0.02	-0.02	0.01	0.02	-2.25	-1.22	-2.74	-2.38
Relative decline (%)	24%	35%	10%	-53%	-176%	-24%	26%	-29%	44%	40%	13%	13%
<b>N. Ireland:</b>												
Absolute decline (slope)	0.04	-0.01	-0.03	-0.03	0.01	0.04	-0.45	-0.18	-2.60	-1.23	-4.76	-0.23
Relative decline (%)	-12%	16%	-38%	-45%	-81%	-45%	35%	67%	48%	41%	21%	2%
<b>Scotland:</b>												
Absolute decline (slope)	0.02	-0.05	0.02	0.04	0.04	0.02	0.06	-0.11	-2.55	-1.37	-2.01	-4.64
Relative decline (%)	-5%	39%	38%	-80%	-3%	-29%	-3%	35%	40%	41%	8%	15%

**Table 5: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–64 (continued)**

Sex/nation	Amenable (including 50% ischaemic heart disease)		Stroke		Other cardiovascular diseases		Treatable cancer		Respiratory		Perinatal, maternal and congenital	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>WOMEN:</b>												
England:												
Absolute decline (slope)	-2.18	-1.54	-0.19	-0.36	-0.10	-0.02	-1.17	-0.61	0.08	-0.02	-0.21	-0.11
Relative decline (%)	28%	28%	22%	44%	46%	22%	29%	26%	-27%	14%	22%	17%
North East:												
Absolute decline (slope)	-2.79	-1.49	-0.18	-0.41	-0.18	0.01	-1.20	-0.48	0.05	0.02	-0.44	-0.08
Relative decline (%)	28%	30%	17%	47%	74%	-30%	27%	17%	0%	18%	18%	28%
Wales:												
Absolute decline (slope)	-2.24	-1.67	-0.35	-0.22	-0.08	-0.10	-1.05	-0.84	0.08	0.01	-0.11	-0.05
Relative decline (%)	24%	25%	45%	13%	34%	60%	17%	28%	-52%	17%	23%	3%
N. Ireland:												
Absolute decline (slope)	-2.77	-1.82	-0.47	-0.40	-0.26	0.05	-1.22	-0.77	0.16	-0.37	-0.02	-0.04
Relative decline (%)	28%	31%	36%	36%	76%	-17%	21%	35%	-41%	67%	17%	-21%
Scotland:												
Absolute decline (slope)	-3.12	-1.80	-0.65	-0.49	-0.13	-0.03	-1.22	-0.57	0.04	0.03	-0.12	-0.25
Relative decline (%)	32%	27%	30%	42%	45%	30%	30%	15%	24%	22%	11%	36%



**Table 5: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 0–64 (continued)**

Sex/nation	Digestive		Infectious		Diabetes		Other amenable		Ischaemic heart disease (50%)		Remaining causes ('other')	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>WOMEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-0.01	-0.02	0.04	-0.02	0.00	0.00	-0.01	-0.04	-0.60	-0.33	-1.18	-1.22
Relative decline (%)	13%	19%	-56%	33%	9%	5%	9%	11%	49%	46%	12%	11%
<b>North East:</b>												
Absolute decline (slope)	0.04	0.00	0.07	-0.07	0.02	-0.02	-0.01	-0.03	-0.96	-0.44	-1.89	-1.62
Relative decline (%)	-33%	35%	-72%	64%	-13%	78%	22%	-12%	52%	58%	13%	11%
<b>Wales:</b>												
Absolute decline (slope)	0.02	-0.05	-0.03	0.02	0.00	-0.02	-0.04	0.01	-0.67	-0.42	-0.38	-0.45
Relative decline (%)	-62%	37%	7%	-40%	-6%	21%	-9%	-22%	45%	50%	12%	6%
<b>N. Ireland:</b>												
Absolute decline (slope)	0.00	-0.03	-0.02	0.04	-0.02	0.04	-0.10	0.00	-0.81	-0.34	-1.90	0.73
Relative decline (%)	22%	-19%	47%	-778%	45%	-203%	63%	-46%	50%	47%	20%	-4%
<b>Scotland:</b>												
Absolute decline (slope)	-0.01	-0.07	0.00	0.03	0.03	0.05	-0.04	-0.05	-1.02	-0.46	-1.16	-1.32
Relative decline (%)	-9%	31%	9%	-19%	-291%	-50%	48%	-8%	47%	49%	10%	10%

**Table 6: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 65–74**

Sex/nation	Amenable (including 50% ischaemic heart disease)		Stroke		Other cardiovascular diseases		Treatable cancer		Respiratory		Perinatal, maternal and congenital	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>MEN:</b>												
England:												
Absolute decline (slope)	-38.35	-39.02	-9.52	-10.70	-1.05	-0.23	-3.12	-2.28	2.83	-2.76	-0.10	-0.04
Relative decline (%)	31%	44%	34%	46%	31%	16%	20%	18%	-36%	43%	45%	-4%
North East:												
Absolute decline (slope)	-46.10	-52.02	-13.35	-13.87	-1.43	0.19	-1.54	-3.89	4.49	-5.30	-0.10	0.02
Relative decline (%)	28%	46%	39%	44%	32%	-3%	-1%	30%	-76%	54%	100%	0
Wales:												
Absolute decline (slope)	-37.55	-42.27	-9.50	-12.65	-0.89	-0.19	-1.65	-2.21	2.21	-1.51	-0.34	0.17
Relative decline (%)	30%	43%	32%	56%	36%	12%	4%	17%	-26%	34%	100%	0
N. Ireland:												
Absolute decline (slope)	-54.30	-47.00	-9.67	-11.11	-1.84	0.59	-3.38	-0.96	-4.27	-9.71	0.03	-0.09
Relative decline (%)	38%	45%	40%	42%	61%	-44%	26%	1%	32%	73%	0	100%
Scotland:												
Absolute decline (slope)	-52.89	-46.23	-16.06	-13.51	0.02	-1.26	-0.24	-3.28	-3.05	-1.55	0.05	-0.02
Relative decline (%)	34%	43%	33%	52%	-31%	35%	6%	28%	50%	26%	6%	18%

**Table 6: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 65–74 (continued)**

Sex/nation	Digestive		Infectious		Diabetes		Other amenable		Ischaemic heart disease (50%)		Remaining causes ('other')	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>MEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-0.63	-0.95	0.17	-0.21	0.00	0.00	-0.32	-0.65	-26.60	-21.20	-53.48	-49.54
Relative decline (%)	21%	32%	-10%	20%	0%	0%	29%	36%	40%	53%	21%	25%
<b>North East:</b>												
Absolute decline (slope)	0.21	-1.55	0.46	0.02	0.00	0.00	-0.53	-0.56	-34.31	-27.10	-68.71	-63.09
Relative decline (%)	-3%	21%	-133%	11%	0%	0%	25%	12%	41%	58%	24%	28%
<b>Wales:</b>												
Absolute decline (slope)	0.81	-0.47	-0.44	0.46	0.00	0.00	-0.90	-0.03	-26.85	-25.84	-51.42	-50.54
Relative decline (%)	16%	20%	63%	-52%	0%	0%	58%	-11%	38%	55%	22%	25%
<b>N. Ireland:</b>												
Absolute decline (slope)	-0.81	-1.92	-0.46	-0.09	0.00	0.00	0.41	-1.43	-34.32	-22.26	-55.52	-40.92
Relative decline (%)	4%	58%	63%	-267%	0%	0%	-53%	50%	45%	50%	24%	15%
<b>Scotland:</b>												
Absolute decline (slope)	-0.47	-1.12	0.61	0.50	0.00	0.00	-0.65	-1.57	-33.10	-24.42	-45.68	-56.92
Relative decline (%)	25%	30%	-11%	-45%	0%	0%	20%	38%	41%	50%	15%	23%

**Table 6: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 65–74 (continued)**

Sex/nation	Amenable (including 50% ischaemic heart disease)		Stroke		Other cardiovascular diseases		Treatable cancer		Respiratory		Perinatal, maternal and congenital	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>WOMEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-27.17	-24.89	-7.36	-7.89	-1.55	-0.81	-7.19	-3.42	1.46	-2.02	0.00	-0.10
Relative decline (%)	32%	41%	35%	47%	43%	37%	29%	20%	-25%	42%	-59%	62%
<b>North East:</b>												
Absolute decline (slope)	-35.18	-32.80	-9.69	-11.43	-2.09	-0.82	-5.65	-3.19	1.41	-2.30	0.14	-0.06
Relative decline (%)	33%	46%	40%	53%	39%	46%	14%	28%	-18%	28%	-223%	71%
<b>Wales:</b>												
Absolute decline (slope)	-24.97	-25.67	-8.24	-8.10	-1.20	-1.23	-6.15	-2.30	1.93	-1.71	0.11	-0.15
Relative decline (%)	30%	38%	38%	41%	32%	59%	28%	18%	-39%	26%	2%	100%
<b>N. Ireland:</b>												
Absolute decline (slope)	-33.47	-25.85	-10.62	-5.28	-1.53	-0.76	-5.12	-1.38	1.07	-6.07	0.00	0.11
Relative decline (%)	32%	42%	49%	29%	56%	44%	14%	18%	-2%	74%	0	0
<b>Scotland:</b>												
Absolute decline (slope)	-37.44	-27.89	-11.76	-10.28	-0.65	-1.57	-5.37	-3.30	-2.05	-0.62	0.08	-0.08
Relative decline (%)	33%	40%	34%	54%	-11%	52%	13%	26%	55%	24%	-9%	36%

**Table 6: Absolute and relative change in age-standardised death rates (per 100,000 population) per year among men and women in the four countries of the UK and the North East of England between 1990–2000 and 2000–10 from selected causes, aged 65–74 (continued)**

Sex/nation	Digestive		Infectious		Diabetes		Other amenable		Ischaemic heart disease (50%)		Remaining causes ('other')	
	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010	1990 – 2000	2000 – 2010
<b>WOMEN:</b>												
<b>England:</b>												
Absolute decline (slope)	-0.22	-0.70	0.21	-0.07	0.00	0.00	-0.12	-0.26	-12.41	-9.61	-10.11	-21.83
Relative decline (%)	5%	40%	-52%	3%	0%	0%	20%	23%	43%	59%	10%	20%
<b>North East:</b>												
Absolute decline (slope)	0.18	-1.00	0.31	-0.01	0.00	0.00	-0.31	0.09	-19.47	-14.08	-18.81	-27.04
Relative decline (%)	-10%	47%	40%	-44%	0%	0%	45%	-43%	47%	67%	15%	22%
<b>Wales:</b>												
Absolute decline (slope)	0.50	-0.65	0.62	0.21	0.00	0.00	0.02	0.01	-12.55	-11.75	-1.57	-23.69
Relative decline (%)	-9%	13%	-127%	35%	0%	0%	39%	-7%	38%	60%	3%	18%
<b>N. Ireland:</b>												
Absolute decline (slope)	0.24	-0.88	0.15	-0.03	0.00	0.00	-0.80	-1.02	-16.86	-10.54	-13.89	-21.26
Relative decline (%)	-20%	48%	-149%	-81%	0%	0%	22%	33%	47%	57%	10%	16%
<b>Scotland:</b>												
Absolute decline (slope)	-0.47	-0.34	0.65	0.66	0.00	0.00	-0.91	-0.31	-16.97	-12.04	-8.06	-18.53
Relative decline (%)	25%	14%	-60%	-37%	0%	0%	45%	2%	44%	52%	8%	12%

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### The Health Foundation

90 Long Acre  
London WC2E 9RA

020 7257 8000  
info@health.org.uk

[www.health.org.uk](http://www.health.org.uk)

### Nuffield Trust

59 New Cavendish Street  
London W1G 7LP

020 7631 8450  
info@nuffieldtrust.org.uk

[www.nuffieldtrust.org.uk](http://www.nuffieldtrust.org.uk)