



BHF CVD STATISTICS COMPENDIUM 2017 -

CONTENTS & GLOSSARY

This compendium of CVD statistics has been produced in collaboration with the British Heart Foundation Centre on Population Approaches for Non-Communicable Disease Prevention at the Nuffield Department of Population Health, University of Oxford.

First published March 2017. Updates will follow at regular intervals throughout the year.

There are four chapters presented here (mortality, morbidity, treatment and costs) with a fifth chapter devoted to risk factors to follow.

Original Excel spreadsheets, graphs and tables can be found on our website at bhf.org.uk/statistics

BHF CVD Factsheets are available for the UK, Scotland, Wales and Northern Ireland.
For any queries, please [contact us](#) and we will do our best to help.

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GLOSSARY

This section provides a definition for some of the terms used in our statistics compendium

Age-standardised rate – a measure of the rate that a population would experience if it had a standard age structure. It is useful to present rates as age-standardised, as it allows for comparisons between populations with very different age structures.

Angioplasty – a technique to widen a narrowed or obstructed blood vessel by inflating tightly folded balloons that have been passed into the narrowed location via a catheter. This technique squashes the fatty tissue that has caused the narrowing, hence widening the artery.

Atherosclerosis – a disease characterised by chronic inflammation in the artery walls. The disease is commonly referred to as ‘hardening’ or ‘furring’ of the arteries.

Atrial fibrillation – a heart condition that causes an irregular and often abnormally fast heart rate.

Blood pressure – the physical pressure of blood in the blood vessels. It is similar to the concept of air pressure in a car tyre. These values are quoted in units known as millimetres of mercury (mmHg). See systolic pressure and diastolic pressure.

Body mass index (BMI) – a formula relating body weight to height to assess whether a person is overweight. BMI is calculated by dividing a person’s weight (in kilograms) by their height (in metres) squared. Adults with a BMI of 25-30 are considered to be overweight. Those with a BMI of over 30 are considered obese.

British National Formulary (BNF) – a publication that provides key information on the selection, prescribing, dispensing and administration of all medicines that are generally prescribed in the UK.

Cardiovascular disease (CVD) – the collective term for all diseases affecting the heart and blood vessels.

Cerebrovascular disease – the collective term

for all diseases affecting blood vessels that supply the brain. Technically, stroke (and the many subtypes of stroke) is a subset of cerebrovascular disease, but the two terms are often used interchangeably.

Coronary artery bypass graft (CABG) – an operation to bypass a narrowed section of a coronary artery and improve the blood supply to the heart muscle.

Coronary heart disease (CHD) – the collective term for diseases that occur when the walls of the coronary arteries become narrowed by a gradual build-up of fatty material called atheroma. The two main forms of CHD are heart attack (also known as myocardial infarction) and angina.

Diabetes – a disease caused by a lack of insulin (type 1) or an increased resistance of the body to insulin (type 2). Diabetes is characterised by high blood glucose levels. The resulting chronic high blood glucose levels (hyperglycaemia) are associated with long-term damage, dysfunction and failure of various organs, especially the eyes, kidneys, nerves, heart and blood vessels.

European Standard Population (ESP) – an artificial population structure, which is used in the weighting of mortality or incidence data to produce age-standardised rates. The ESP was updated in 2013 to better reflect the age distribution of Europe.

Heart attack – a condition where the heart muscle is starved of oxygen, most commonly caused by a blockage of one of the coronary arteries. A heart attack usually causes severe pain in the centre of the chest. The pain usually feels like a heaviness or tightness which may also spread to the arms, neck, jaw, face, back or stomach. There may also be sweating, light-headedness, nausea and/or shortness of breath. Sometimes a heart attack can be ‘silent’ and produce little or no discomfort.

Heart failure – a clinical syndrome which occurs when the heart muscle is unable to pump blood as efficiently around the body. It occurs because the heart is damaged or overworked. Some people with minor heart failure may have few or no symptoms. People with moderate or severe heart failure often suffer from a number of problems, including

shortness of breath, general tiredness and swelling of the feet and ankles.

Hospital inpatient episodes – periods of continuous admitted patient care under the same consultant.

Hypertension – a clinical condition of having a high blood pressure. Mostly it is considered blood pressures of 140/90 mmHg and greater to be high although this is influenced by other factors.

Incidence – a measure of morbidity based on the number of new episodes of an illness arising in a population over a defined time period.

International Classification of Disease (ICD) – a coding system published by the World Health Organization that provides an internationally recognised method of coding diseases in order to categorise mortality and morbidity statistics.

Myocardial infarction (MI) – see heart attack.

Percutaneous coronary intervention (PCI) – a minimally invasive approach to open narrowed coronary arteries (see angioplasty) by accessing them through small needle-size

punctures in the skin.

Peripheral arterial disease (PAD) – a condition in which a build-up of fatty deposits in the arteries restricts blood supply to parts of the body, most commonly the legs. It is also known as peripheral vascular disease (PVD).

Prevalence – a measure of morbidity based on the current level of a disease in the population at any particular time.

Stent – a short tube of expandable mesh which is inserted at the part of the artery that is to be widened by coronary angioplasty. It helps to keep the artery open and prevent re-narrowing.

Stroke – the consequence of an interruption to the flow of blood to the brain. A stroke can vary in severity from a passing weakness or tingling of a limb to a profound paralysis, coma and/or death.

Transient ischaemic attacks (TIA) – a temporary disruption in the blood supply to part of the brain. Sometimes called a mini-stroke, a TIA does not last as long as a stroke. The effects are usually fully resolved within 24 hours.

About the British Heart Foundation (BHF)

For over 50 years we've pioneered research that has transformed the lives of millions of people living with heart disease. Our work has been central to the discoveries of vital treatments that are leading the fight against heart disease.

But heart and circulatory disease still kills more than one in four people in the UK, stealing them away from their families and loved ones. From babies born with life-threatening heart problems, to the many mums, dads and grandparents who survive a heart attack or endure their daily battles with heart failure.

Join our fight for every heartbeat in the UK. Every pound raised, minute of your time and donation to our shops will help make a difference to people's lives.

bhf.org.uk/donate





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Cardiovascular Disease Statistics 2017 - Chapter 1 - Mortality

This chapter presents CVD in the context of mortality from other chronic conditions; local, regional and seasonal differences and trends over time in CVD, coronary heart disease (CHD) and stroke.

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Table 1.1 Deaths by cause, by gender and age, United Kingdom 2015

		All ages	Under 35	35-44	45-54	55-64	65-74	75-84	85+
All causes	MEN	292,707	7,383	6,236	14,482	28,339	57,385	90,790	88,092
	WOMEN	310,075	4,143	3,808	9,900	19,045	41,488	82,813	148,878
	Total	602,782	11,526	10,044	24,382	47,384	98,873	173,603	236,970
All diseases of the circulatory system (cardiovascular disease) (I00-I99)	MEN	80,105	434	1,075	3,805	7,748	15,515	26,037	25,491
	WOMEN	78,050	254	496	1,464	3,097	8,357	21,618	42,764
	Total	158,155	688	1,571	5,269	10,845	23,872	47,655	68,255
Chronic rheumatic heart diseases (I05-I09)	MEN	308	3	10	20	19	65	107	84
	WOMEN	616	5	10	15	20	104	208	254
	Total	924	8	20	35	39	169	315	338
Hypertensive diseases (I10-I15)	MEN	2,978	10	40	163	303	542	849	1,071
	WOMEN	4,147	2	13	49	150	329	948	2,656
	Total	7,125	12	53	212	453	871	1,797	3,727
Coronary heart disease (I20-I25)	MEN	41,959	97	532	2,311	4,951	9,216	13,422	11,430
	WOMEN	27,826	20	140	583	1,383	3,573	8,189	13,938
	Total	69,785	117	672	2,894	6,334	12,789	21,611	25,368
Other heart diseases (I26-I52)	MEN	11,798	200	224	531	884	1,819	3,472	4,668
	WOMEN	15,647	129	127	255	497	1,328	3,728	9,583
	Total	27,445	329	351	786	1,381	3,147	7,200	14,251
Stroke (I60-I69)	MEN	16,561	73	148	473	1,026	2,433	5,866	6,542
	WOMEN	23,613	67	134	398	767	2,098	6,522	13,627
	Total	40,174	140	282	871	1,793	4,531	12,388	20,169
Diseases of arteries, arterioles and capillaries (I70-I79)	MEN	5,078	23	48	144	313	1,036	2,011	1,503
	WOMEN	4,370	11	20	49	130	563	1,458	2,139
	Total	9,448	34	68	193	443	1,599	3,469	3,642
Diseases of veins, lymphatic vessels and lymph nodes* (I80-I89)	MEN	1,386	26	70	158	249	395	303	185
	WOMEN	1,788	20	52	113	143	357	552	551
	Total	9,448	34	68	193	443	1,599	3,469	3,642
Cancer (C00-D48)	MEN	89,668	675	1,006	4,049	11,582	24,719	29,691	17,946
	WOMEN	78,939	666	1,389	4,684	9,847	19,127	24,192	19,034
	Total	168,607	1,341	2,395	8,733	21,429	43,846	53,883	36,980
Lung cancer (C33,C34)	MEN	19,198	15	105	774	2,801	6,238	6,520	2,745
	WOMEN	16,359	15	101	687	2,355	5,203	5,255	2,743
	Total	35,557	30	206	1,461	5,156	11,441	11,775	5,488
Breast cancer (C50)	MEN	80	-	1	4	9	20	25	21
	WOMEN	11,471	83	457	1,384	1,714	2,269	2,872	2,692
	Total	11,551	83	458	1,388	1,723	2,289	2,897	2,713
Respiratory disease (J00-J99)	MEN	40,690	221	227	826	2,397	7,038	13,614	16,367
	WOMEN	44,749	168	177	625	1,870	5,634	12,585	23,690
	Total	85,439	389	404	1,451	4,267	12,672	26,199	40,057
Lower respiratory disease (J40 - 47)	MEN	17,164	31	57	321	1,246	4,002	6,347	5,160
	WOMEN	17,650	31	47	270	1,187	3,567	6,330	6,218
	Total	34,814	62	104	591	2,433	7,569	12,677	11,378
Diabetes (E10-E14)	MEN	3,238	54	69	150	286	596	1,054	1,029
	WOMEN	3,321	26	44	91	167	355	1,067	1,571
	Total	6,559	80	113	241	453	951	2,121	2,600
Dementia and Alzheimer's (F01-03, G30)	MEN	22,800	-	2	10	125	1,323	7,780	13,560
	WOMEN	46,382	-	2	18	161	1,488	10,461	34,252
	Total	69,182	-	4	28	286	2,811	18,241	47,812
All other causes	MEN	56,206	5,999	3,857	5,642	6,201	8,194	12,614	13,699
	WOMEN	58,634	3,029	1,700	3,018	3,903	6,527	12,890	27,567
	Total	114,840	9,028	5,557	8,660	10,104	14,721	25,504	41,266

Notes: ICD-10 codes in parentheses.

*Not classified elsewhere

This table compiles data from the four countries of the UK. In Northern Ireland and Scotland, the data for Lung Cancer only includes ICD-10 code C34, England and Wales data for lower respiratory disease do not include J47.

Sources: England and Wales, Office for National Statistics (2016) Deaths registered by cause, gender and age.

www.nomisweb.co.uk/articles/983.aspx

Scotland, National Records of Scotland (2016) Deaths, by gender, age and cause.

www.nrscotland.gov.uk/statistics-and-data/statistics-by-theme/vital-events/general-publications/vital-events-reference-tables/2015/section-6-deaths-causes

Northern Ireland, Statistics and Research Agency (2016) Deaths by sex, age and cause

www.nisra.gov.uk/statistics/registrar-general-annual-report/registrar-general-annual-report-2015-full-report

Fig 1.1a Deaths by cause in men, United Kingdom 2015

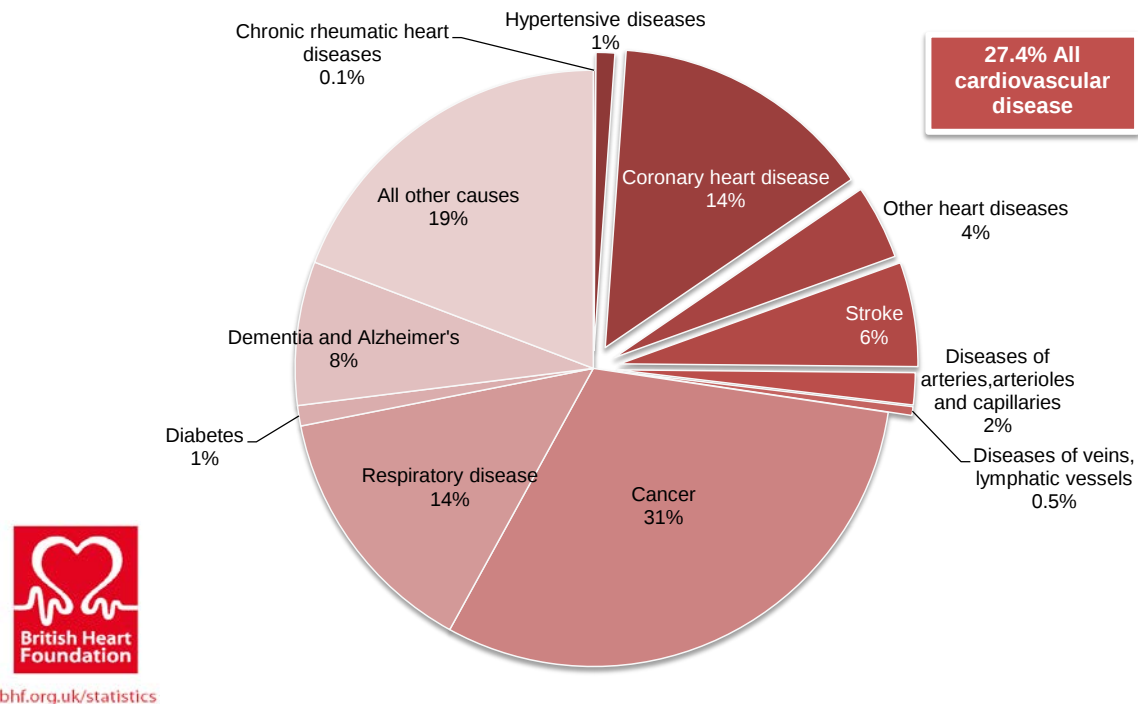


Fig 1.1b Deaths by cause in women, United Kingdom 2015

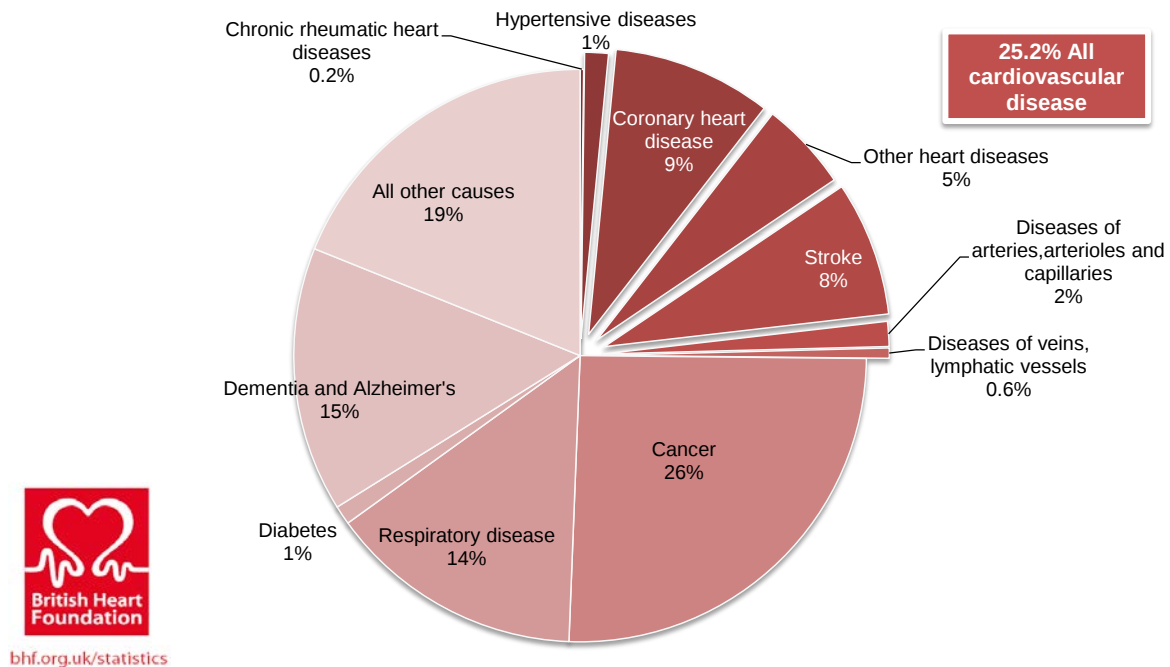


Table 1.2 Deaths by cause, by gender and age, England, Wales, Scotland and Northern Ireland 2015

		<i>All ages</i>				<i>Under 75</i>			
		England	Wales	Scotland	Northern Ireland	England	Wales	Scotland	Northern Ireland
All causes	MEN	240,417	16,092	27,905	7,595	91,248	6,378	12,396	3,307
	WOMEN	254,892	17,106	29,674	7,953	62,591	4,592	8,592	2,305
	Total	495,309	33,198	57,579	15,548	153,839	10,970	20,988	5,612
All diseases of the circulatory system (cardiovascular disease) (I00-I99)	MEN	65,505	4,560	7,853	1,895	22,827	1,710	3,114	724
	WOMEN	63,642	4,467	7,915	1,878	10,835	834	1,541	363
	Total	129,147	9,027	15,768	3,773	33,662	2,544	4,655	1,087
Chronic rheumatic heart diseases (I05-I09)	MEN	237	28	35	8	84	12	17	4
	WOMEN	489	35	71	18	117	6	22	6
	Total	726	63	106	26	201	18	39	10
Hypertensive diseases (I10-I15)	MEN	2,562	127	232	50	891	42	94	25
	WOMEN	3,619	192	294	39	462	23	47	8
	Total	6,181	319	526	89	1,353	65	141	33
Coronary heart disease (I20-I25)	MEN	34,103	2,447	4,168	1,060	13,546	1,060	1,902	470
	WOMEN	22,390	1,638	2,974	765	4,463	363	664	168
	Total	56,493	4,085	7,142	1,825	18,009	1,423	2,566	638
Other heart diseases (I26-I52)	MEN	9,647	725	1,118	272	2,922	223	409	84
	WOMEN	12,823	931	1,470	395	1,844	146	272	60
	Total	22,470	1,656	2,588	667	4,766	369	681	144
Stroke (I60-I69)	MEN	13,525	848	1,728	419	3,337	213	468	108
	WOMEN	19,102	1,333	2,575	569	2,752	200	391	97
	Total	32,627	2,181	4,303	988	6,089	413	859	205
Diseases of arteries, arterioles and capillaries (I70-I79)	MEN	4,226	285	491	76	1,284	93	164	23
	WOMEN	3,634	232	430	74	622	52	82	17
	Total	7,860	517	921	150	1,906	145	246	40
Diseases of veins, lymphatic vessels and lymph nodes* (I80-I89)	MEN	1,197	100	79	10	762	67	59	10
	WOMEN	1,566	105	101	16	572	43	63	7
	Total	2,763	205	180	26	1,334	110	122	17
All cancer (C00-D48)	MEN	73,848	4,741	8,523	2,410	34,162	2,211	4,374	1,187
	WOMEN	64,661	4,222	7,856	2,061	28,922	1,988	3,676	1,026
	Total	138,509	8,963	16,379	4,471	63,084	4,199	8,050	2,213
Lung cancer (C33,C34)	MEN	15,507	1,031	2,075	551	7,921	520	1,175	294
	WOMEN	13,079	849	1,972	439	6,594	462	1,028	260
	Total	28,586	1,880	4,047	990	14,515	982	2,203	554
Breast cancer (C50)	MEN	70	4	3	2	30	2	1	0
	WOMEN	9,556	613	989	291	4,860	321	536	173
	Total	9,626	617	992	293	4,890	323	537	173
Respiratory disease (J00-J99)	MEN	33,558	2,501	3,522	1,054	8,617	684	1,077	301
	WOMEN	36,553	2,833	4,147	1,182	6,730	584	916	228
	Total	70,111	5,334	7,669	2,236	15,347	1,268	1,993	529
Lower respiratory disease (J40 - J47)	MEN	14,874	1,005	1,575	457	4,742	349	593	162
	WOMEN	15,167	1,089	1,937	477	4,193	341	638	154
	Total	30,041	2,094	3,512	934	8,935	690	1,231	316
Diabetes (E10-E14)	MEN	2,569	181	408	76	885	62	164	42
	WOMEN	2,661	164	409	84	517	35	112	17
	Total	5,230	345	817	160	1,402	97	276	59
Dementia and Alzheimer's (F01-03, G30)	MEN	19,312	1,085	1,836	561	1,184	82	145	49
	WOMEN	38,987	2,289	3,900	1,199	1,325	93	180	71
	Total	58,299	3,374	5,736	1,760	2,509	175	325	120
All other causes	MEN	45,625	3,024	5,763	1,599	23,573	1,629	3,522	1,004
	WOMEN	48,388	3,131	5,447	1,549	14,262	1,058	2,167	600
	Total	94,013	6,155	11,210	3,148	37,835	2,687	5,689	1,604

Notes: ICD-10 codes in parentheses.

*Not classified elsewhere

This table compiles data from the four countries of the UK.

The four countries in this table do not always add up to the United Kingdom totals in Table 1.1, as the separate England and Wales figures are only for people who were residing in the country at the time of death; therefore the mortality figures for England and Wales separately are lower than the published mortality figures for England & Wales together.

Sources: England and Wales, Office for National Statistics (2016) Deaths registered by cause, gender and age.

www.nomisweb.co.uk/articles/983.aspx

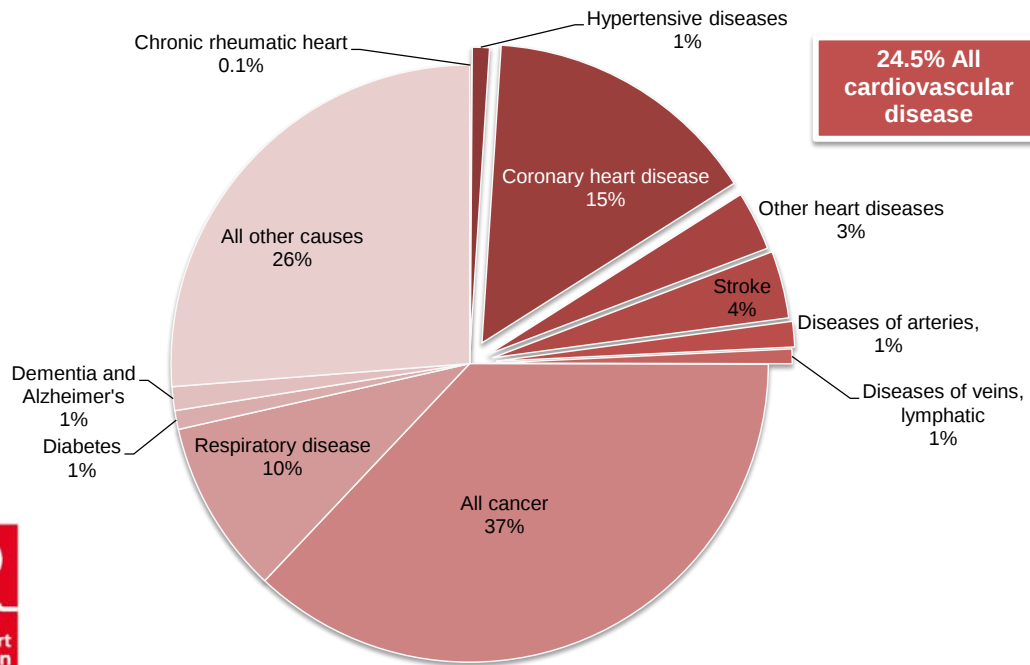
Scotland, National Records of Scotland (2016) Deaths, by gender, age and cause.

www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-publications/vital-events-reference-tables/2015/section-6-deaths-causes

Northern Ireland, Statistics and Research Agency (2016) Deaths by sex, age and cause

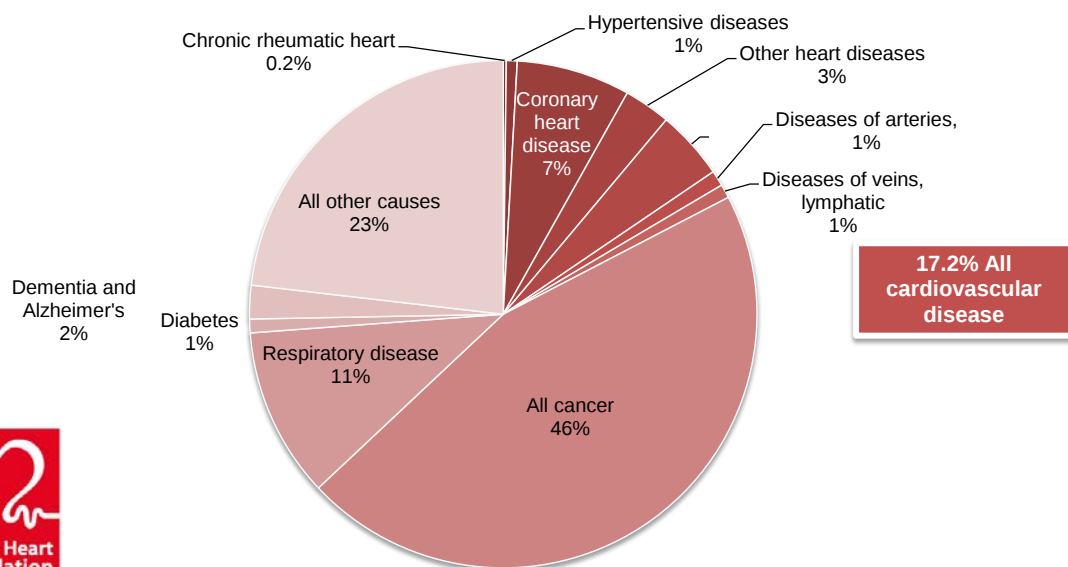
www.nisra.gov.uk/statistics/registrar-general-annual-report/registrar-general-annual-report-2015-full-report

Fig 1.2a Deaths by cause in men under 75, United Kingdom 2015



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Fig 1.2b Deaths by cause in women under 75, United Kingdom 2015



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Table 1.3 Age-standardised death rates per 100,000 from cardiovascular disease (CVD), all ages, United Kingdom and England, Wales, Scotland, Northern Ireland, 1969 to 2015

Year	United Kingdom			England			Scotland			Wales			Northern Ireland		
	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both
1969	1281	889	1045	1245	861	1013	1481	1066	1229	1476	985	1178	1423	1062	1218
1971	1243	840	999	1210	817	973	1417	977	1148	1372	914	1097	1508	1029	1223
1973	1245	845	1004	1209	821	976	1456	995	1176	1363	913	1092	1546	1047	1243
1975	1208	803	965	1178	784	941	1381	919	1098	1317	864	1047	1428	961	1149
1977	1145	760	916	1114	740	892	1297	871	1036	1240	823	994	1510	969	1182
1979	1152	753	914	1121	733	890	1344	889	1063	1229	797	971	1435	904	1115
1981	1072	695	848	1046	678	828	1248	814	982	1137	737	899	1247	786	974
1983	1032	664	814	1008	648	795	1186	778	939	1127	701	872	1142	743	907
1985	1014	656	803	994	641	786	1163	763	920	1083	688	848	1062	713	859
1987	933	600	737	914	585	721	1097	717	866	973	618	762	991	652	792
1989	890	578	706	867	562	688	1076	706	851	929	608	740	963	615	755
1991	853	554	677	840	543	665	972	653	781	878	563	695	866	565	690
1993	824	537	656	805	521	639	987	663	795	855	568	691	865	558	686
1995	753	491	601	737	477	586	868	593	706	799	525	639	811	540	652
1997	701	461	562	685	449	548	822	559	668	741	486	592	761	492	602
1999	654	434	527	637	421	513	783	527	632	697	464	565	723	493	588
2001	613	411	497	603	402	487	684	476	564	657	448	537	648	439	526
2003	578	398	475	565	390	466	670	457	546	635	425	513	581	404	479
2005	500	345	413	490	337	404	577	406	480	536	376	447	519	350	421
2007	443	307	367	432	299	359	527	355	428	473	335	397	477	324	389
2009	399	277	331	392	271	325	450	316	375	424	300	356	421	295	350
2011	350	236	286	342	229	279	412	288	343	377	253	308	365	239	294
2013	333	227	275	325	221	268	391	274	327	376	246	304	336	232	277
2014	317	214	260	310	208	254	373	257	308	343	232	282	312	211	256
2015	315	214	260	307	208	253	385	268	320	340	234	283	310	210	254

Notes: Directly age-standardised to the European Standard Population 2013.
Northern Ireland coded deaths differently until 1979, therefore these underestimate the rate compared to rest of the UK.

Source: 1969 to 2009: England and Wales, Office for National Statistics (2016) Personal communication.
Scotland, General Register Office (2016) Personal communication.
Northern Ireland, Statistics and Research Agency (2016) Personal communication.
2010 to 2014: England and Wales, Office for National Statistics; Scotland, General Register Office for Scotland; Northern Ireland, Northern Ireland Statistics and Research Agency.
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Figure 1.3 Age-standardised death rate per 100,000 from cardiovascular disease (CVD), by gender, United Kingdom, 1969 to 2015



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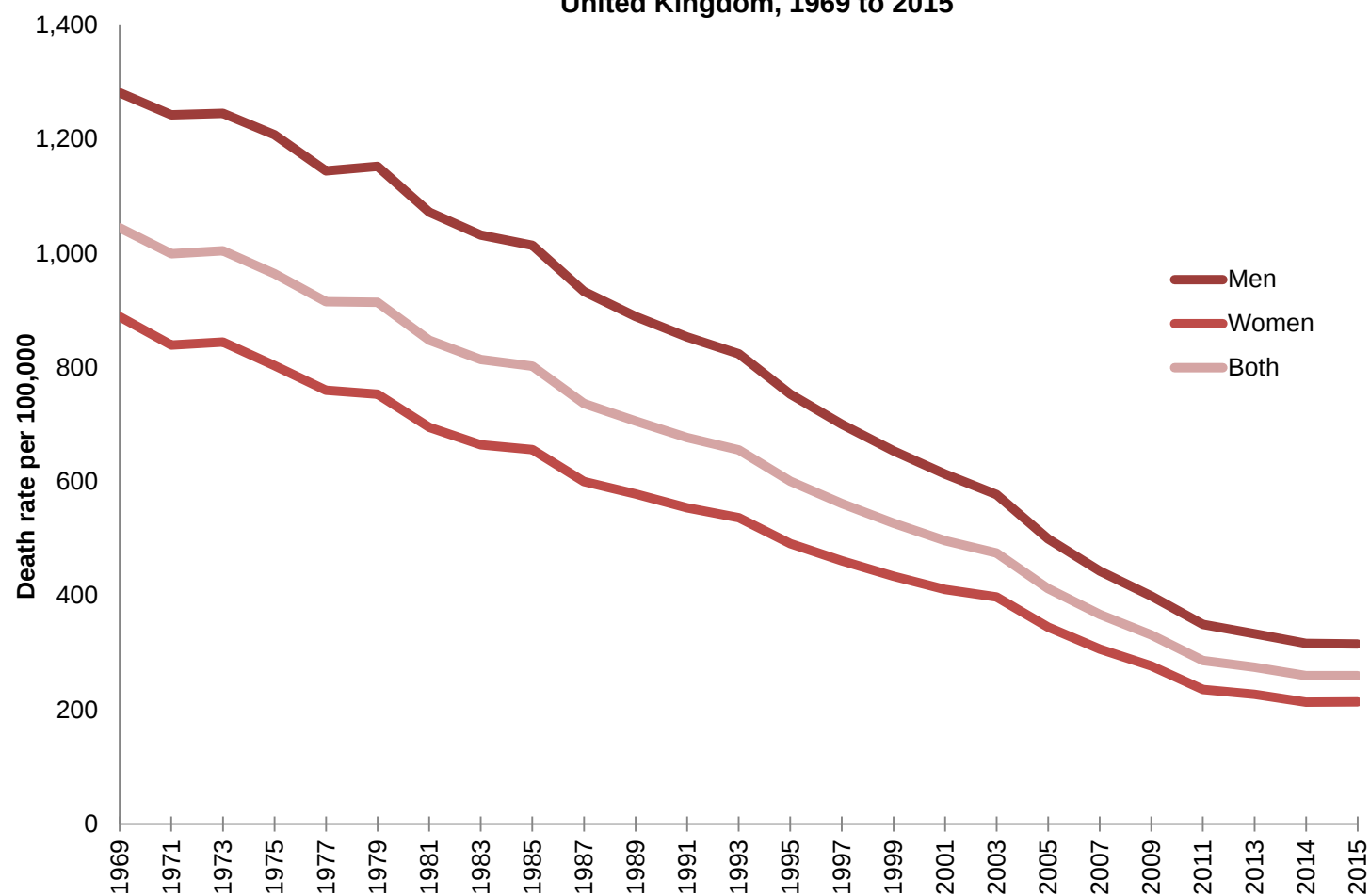


Table 1.4 Age-standardised death rates per 100,000 from cardiovascular disease (CVD), under 75, United Kingdom and England, Wales, Scotland, Northern Ireland, 1969 to 2015

Year	United Kingdom			England			Wales			Scotland			Northern Ireland		
	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both
1969	500	250	360	485	238	347	580	286	417	582	320	433	566	312	426
1971	487	233	346	472	222	334	549	263	392	573	296	416	549	294	409
1973	488	233	348	472	222	335	544	265	390	593	297	426	576	304	427
1975	475	221	336	459	211	324	543	253	384	561	276	401	567	282	410
1977	459	213	325	445	203	313	521	245	370	527	268	382	588	278	417
1979	462	211	325	447	201	314	504	230	354	545	275	395	583	279	415
1981	432	196	304	418	187	293	469	210	328	513	259	373	534	245	375
1983	417	188	293	404	179	282	464	206	324	498	246	359	495	242	356
1985	397	179	279	384	170	269	433	194	304	480	241	348	473	228	339
1987	369	168	261	358	160	251	390	181	278	453	224	327	424	200	301
1989	342	158	243	329	150	233	363	171	260	433	217	314	404	185	284
1991	319	147	227	309	141	219	337	150	237	392	196	285	353	168	252
1993	304	140	217	293	134	209	329	149	233	381	186	275	346	161	245
1995	274	127	196	265	121	189	294	137	210	336	165	243	315	155	228
1997	248	117	179	239	112	172	271	129	196	307	153	224	282	129	199
1999	225	105	162	217	101	156	251	113	178	280	136	202	250	114	177
2001	199	93	144	194	90	140	219	105	159	240	117	174	201	97	145
2003	180	84	130	175	81	126	200	93	144	223	106	160	181	79	127
2005	155	71	111	150	68	108	172	80	124	193	91	139	156	73	112
2007	137	62	98	132	60	95	146	70	107	179	82	128	141	63	100
2009	122	54	87	118	52	84	134	63	97	148	71	108	122	60	90
2011	108	47	76	104	45	73	117	56	86	137	63	98	114	46	79
2013	101	45	72	98	43	70	113	51	81	127	60	92	99	45	71
2014	97	43	69	94	41	67	105	49	76	119	55	86	92	43	67
2015	96	42	68	92	40	65	109	48	78	125	57	90	93	44	68

Notes: Directly age-standardised to the European Standard Population 2013.
Northern Ireland coded deaths differently until 1979, therefore these underestimate the rate compared to rest of the UK.

Source: 1969 to 2009: England and Wales, Office for National Statistics (2016) Personal communication.
Scotland, General Register Office (2016) Personal communication.
Northern Ireland, Statistics and Research Agency (2016) Personal communication.
2010 to 2014: England and Wales, Office for National Statistics; Scotland, General Register Office for Scotland; Northern Ireland, Northern Ireland Statistics and Research Agency.
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Figure 1.4 Age-standardised death rate per 100,000 from cardiovascular disease (CVD), by gender, aged under 75, United Kingdom 1969 to 2015



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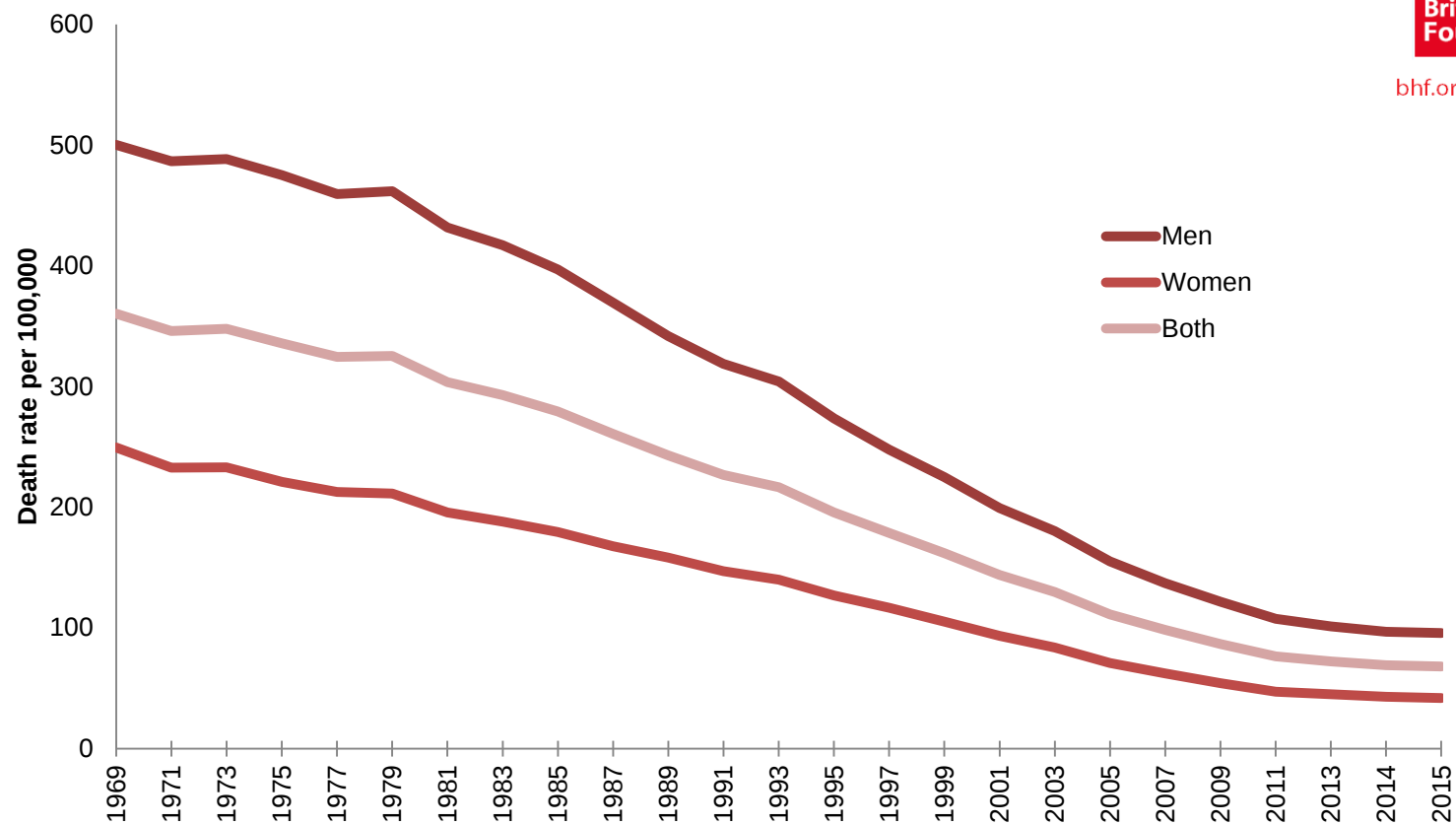


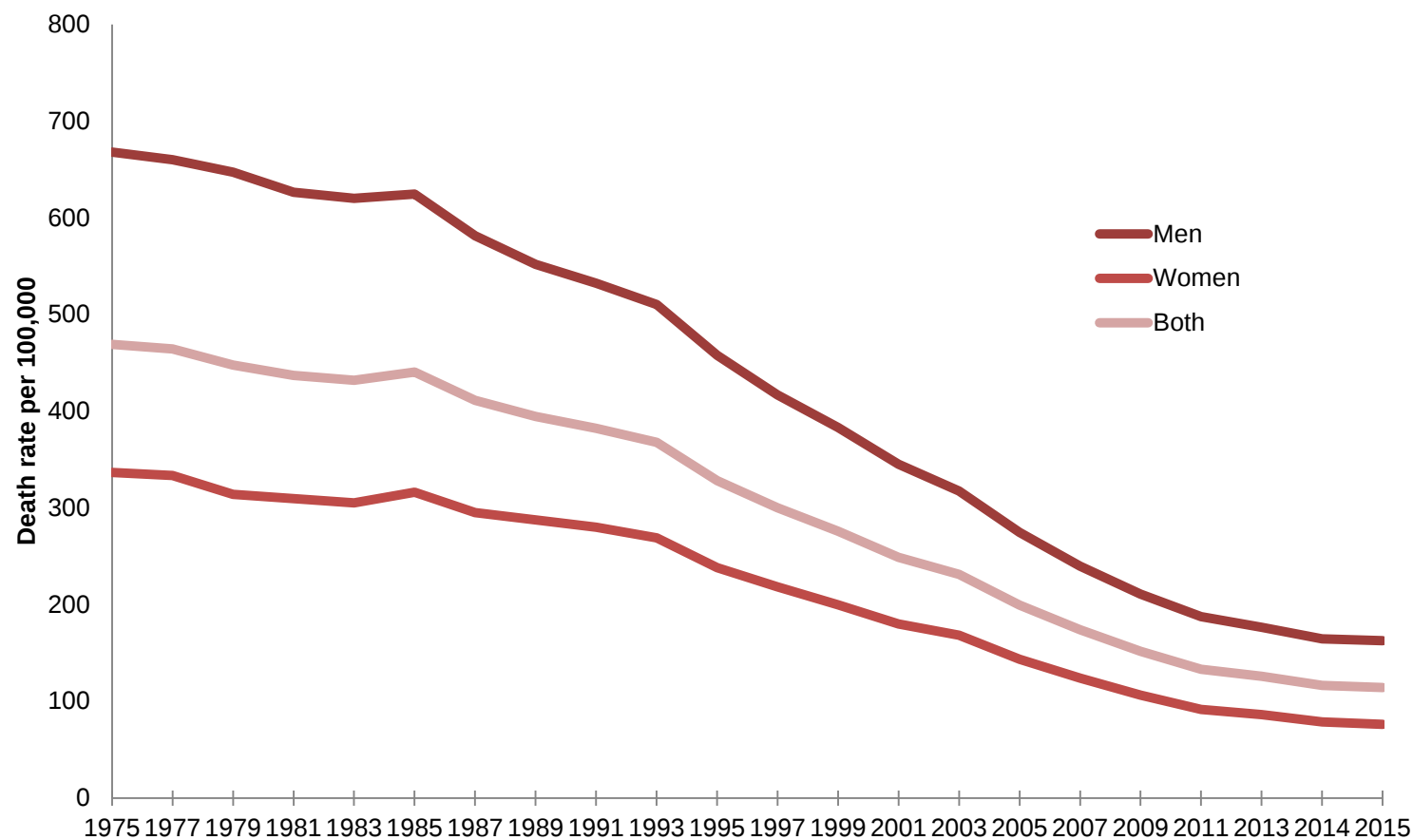
Table 1.5 Age-standardised death rates per 100,000 from coronary heart disease (CHD), all ages, United Kingdom and England, Wales, Scotland, Northern Ireland, 1971 to 2015

Year	United Kingdom			England			Wales			Scotland			Northern Ireland		
	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both
1971	-	-	-	632	316	442	724	363	508	779	418	561	-	-	-
1973	-	-	-	652	331	459	739	367	516	818	440	590	-	-	-
1975	668	337	469	648	326	455	748	363	517	783	409	555	786	408	563
1977	660	333	465	640	322	450	728	349	502	765	414	553	856	428	599
1979	647	314	448	629	305	436	693	323	470	759	374	522	800	394	559
1981	626	310	437	611	301	426	664	319	456	722	374	511	747	367	522
1983	620	305	432	604	297	421	675	315	458	720	364	503	722	355	504
1985	624	316	441	611	308	431	676	328	467	713	378	509	675	360	490
1987	581	295	411	567	286	400	615	304	429	696	366	494	637	334	458
1989	552	287	395	537	278	383	587	303	418	665	360	479	628	327	448
1991	532	280	382	522	273	374	563	291	402	608	331	440	574	297	409
1993	510	269	368	498	260	358	548	291	396	599	331	439	552	294	400
1995	458	238	328	447	231	320	489	252	349	525	288	383	515	288	380
1997	417	218	300	407	212	292	447	225	315	483	269	355	477	251	344
1999	383	200	276	372	193	267	418	212	299	460	250	335	442	238	322
2001	345	180	249	338	174	242	376	200	274	394	222	293	380	209	279
2003	317	169	231	308	163	225	352	186	255	383	205	278	335	184	246
2005	275	144	199	266	138	193	307	162	224	332	180	244	312	164	225
2007	240	124	174	232	120	168	260	140	192	298	152	213	274	143	198
2009	211	107	152	205	102	147	228	118	167	251	134	183	242	131	178
2011	188	92	133	182	88	129	209	102	148	225	117	163	213	96	145
2013	177	86	126	172	83	122	201	97	143	206	108	151	187	95	134
2014	165	79	117	161	76	113	178	85	126	194	99	140	173	83	121
2015	163	76	114	158	73	110	180	86	128	199	101	144	169	86	122

Notes: Directly age-standardised to the European Standard Population 2013.

Source: 1971 to 2009: England and Wales, Office for National Statistics (2016) Personal communication.
Scotland, General Register Office (2016) Personal communication.
Northern Ireland, Statistics and Research Agency (2010) Personal communication.
2010 to 2016: England and Wales, Office for National Statistics; Scotland, General Register Office for Scotland; Northern Ireland, Northern Ireland Statistics and Research Agency.
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Figure 1.5 Age-standardised death rates per 100,000 from coronary heart disease (CHD), by gender, United Kingdom, 1975 to 2015



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Table 1.6 Age-standardised death rates per 100,000 from coronary heart disease (CHD), under 75, United Kingdom and England, Wales, Scotland, Northern Ireland, 1969 to 2015

Year	United Kingdom			England			Wales			Scotland			Northern Ireland		
	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both
1969	-	-	-	305	105	194	371	129	237	385	154	255	-	-	-
1971	-	-	-	305	101	193	353	122	227	383	144	248	-	-	-
1973	-	-	-	312	107	200	365	124	233	402	152	262	-	-	-
1975	320	111	206	309	105	198	371	127	238	379	144	248	390	144	255
1977	316	110	204	305	104	196	360	122	230	372	146	247	406	153	267
1979	319	111	206	308	104	198	345	120	222	384	149	254	403	155	267
1981	304	107	197	294	101	190	324	111	208	368	148	247	388	147	256
1983	298	105	194	287	99	186	332	111	212	365	146	244	366	138	241
1985	290	105	190	280	99	183	319	113	208	353	147	239	347	135	231
1987	271	100	179	261	95	172	288	108	192	338	140	229	319	124	212
1989	247	95	165	238	89	158	266	101	178	314	133	214	298	115	198
1991	230	88	154	222	84	149	246	90	163	284	120	194	265	102	176
1993	217	81	145	208	77	139	237	89	158	274	112	186	254	102	171
1995	190	71	127	183	67	121	209	74	137	236	96	160	232	95	157
1997	168	63	113	162	60	108	184	69	124	210	86	143	204	75	134
1999	151	55	100	144	52	96	171	58	112	193	75	130	178	64	117
2001	131	48	87	127	45	84	148	55	99	159	63	108	139	54	94
2003	116	41	77	112	39	74	127	46	85	149	56	99	119	41	77
2005	99	34	65	95	31	62	111	38	73	130	48	86	106	39	71
2007	86	28	56	82	27	53	90	32	60	117	42	77	97	32	63
2009	75	24	48	72	22	46	84	27	55	95	35	63	81	30	54
2011	66	21	43	63	19	41	71	24	47	87	29	56	75	22	48
2013	62	19	40	60	18	38	72	23	47	80	26	52	65	20	42
2014	58	18	38	57	17	36	60	21	40	73	25	48	58	20	38
2015	57	16	36	54	15	34	69	20	44	76	25	49	61	20	40

Notes: Directly age-standardised to the European Standard Population 2013.

Source: 1969 to 2009: England and Wales, Office for National Statistics (2016) Personal communication.

Scotland, General Register Office (2016) Personal communication.

Northern Ireland, Statistics and Research Agency (2016) Personal communication.

2010 to 2014: England and Wales, Office for National Statistics; Scotland, General Register Office for Scotland; Northern Ireland, Northern Ireland Statistics and Research Agency.

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Figure 1.6 Age-standardised death rate per 100,000 from coronary heart disease (CHD), under 75, by gender, United Kingdom 1975 to 2015



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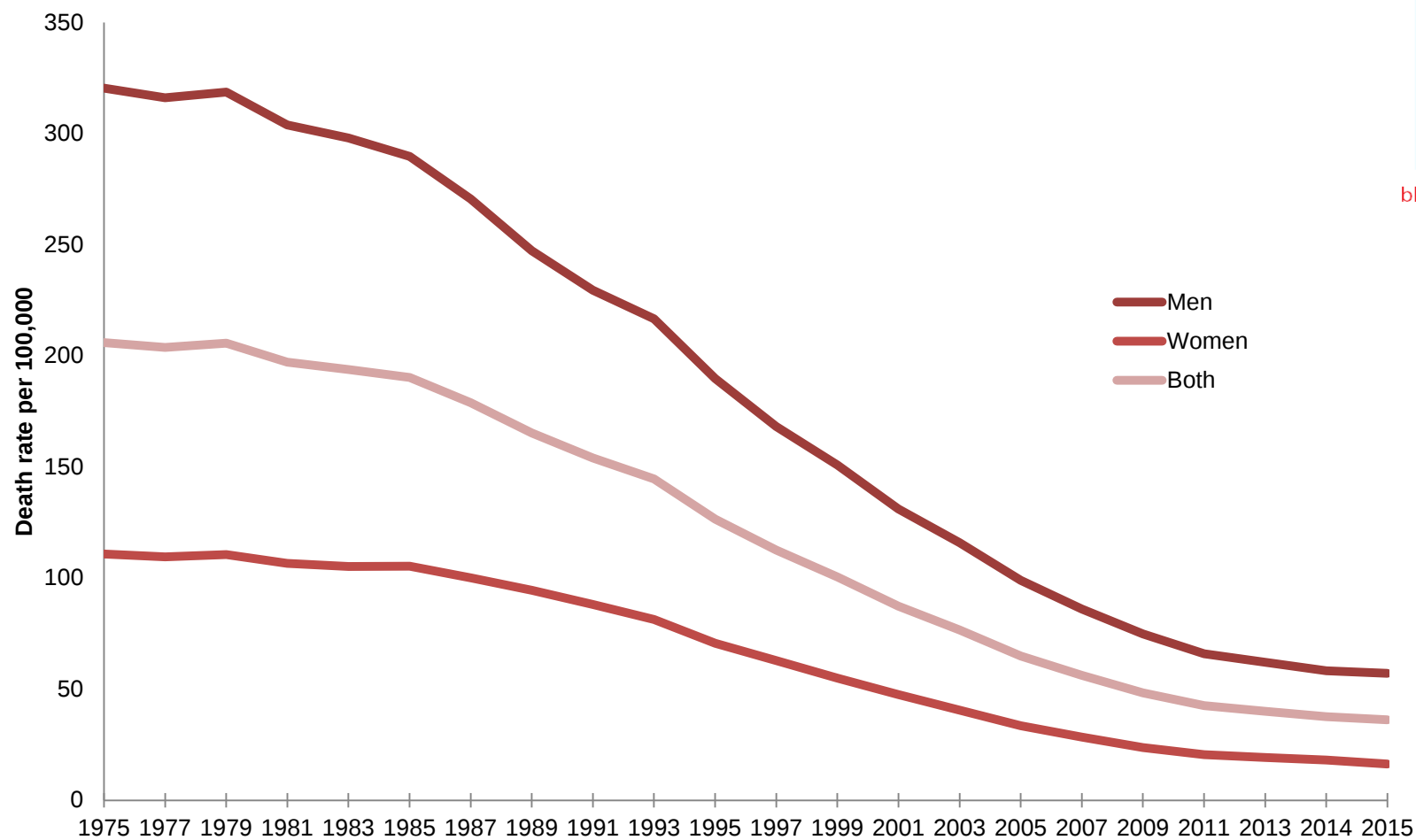


Table 1.7 Age-standardised death rates per 100,000 from stroke, all ages, United Kingdom and England, Wales, Scotland, Northern Ireland, 1969 to 2015

Year	United Kingdom			England			Wales			Scotland			Northern Ireland		
	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both
1969	318	290	301	307	278	290	344	330	337	400	373	384	334	327	330
1971	308	277	290	297	268	280	322	299	310	383	346	360	386	345	360
1973	304	273	285	290	263	274	333	290	306	392	346	365	413	333	360
1975	279	255	266	268	245	256	298	274	286	364	323	339	328	313	320
1977	253	236	244	243	227	235	267	272	273	317	282	295	344	314	325
1979	254	232	242	243	223	232	274	256	266	335	298	313	341	277	300
1981	229	210	219	220	201	210	245	233	241	308	273	287	240	253	252
1983	213	199	206	206	191	199	228	214	221	272	255	264	235	238	238
1985	224	204	213	219	199	208	228	220	225	272	240	253	223	189	201
1987	203	189	196	198	184	191	209	199	205	255	229	240	202	192	198
1989	195	179	187	190	174	181	194	187	192	253	228	239	198	184	191
1991	192	174	182	189	170	179	194	175	184	232	211	221	172	172	174
1993	167	156	162	160	149	154	161	156	161	241	222	231	201	165	180
1995	156	147	152	151	141	146	165	153	159	212	201	208	167	158	163
1997	149	139	144	144	135	140	153	142	148	196	174	184	167	148	156
1999	139	134	137	134	130	133	141	136	140	184	171	177	162	154	157
2001	144	134	139	140	130	136	149	141	145	174	162	168	148	136	142
2003	139	131	135	135	128	132	153	135	143	170	159	165	142	133	138
2005	115	112	115	113	110	112	118	113	117	142	139	142	114	109	112
2007	101	99	101	98	96	98	107	102	105	129	121	125	109	108	109
2009	91	89	91	89	87	88	95	97	97	110	110	111	91	92	93
2011	76	73	75	73	70	72	75	75	76	100	98	100	80	82	82
2013	70	68	69	67	65	66	79	71	74	96	92	95	79	75	77
2014	68	64	66	65	61	64	76	71	74	85	85	86	74	66	70
2015	65	62	64	63	59	62	64	66	66	89	86	88	72	63	67

Notes: Directly age-standardised to the European Standard Population 2013.

Source: 1969 to 2009: England and Wales, Office for National Statistics (2016) Personal communication.

Scotland, General Register Office (2016) Personal communication.

Northern Ireland, Statistics and Research Agency (2016) Personal communication.

2010 to 2014: England and Wales, Office for National Statistics; Scotland, General Register Office for Scotland; Northern Ireland, Northern Ireland Statistics and Research Agency.

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Figure 1.7 Age-standardised death rates per 100,000 from stroke, all ages, by gender, United Kingdom 1969 to 2015



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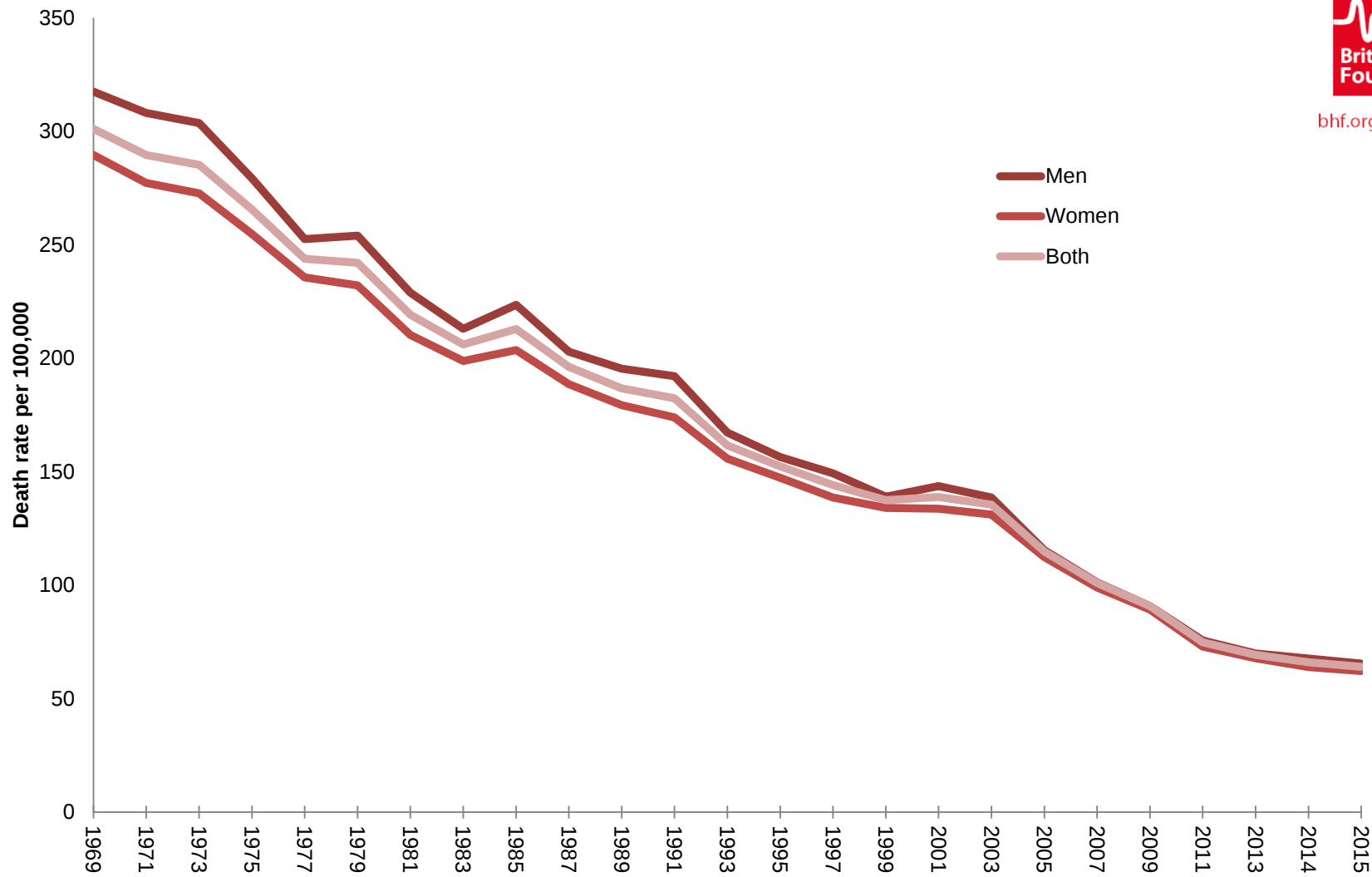


Table 1.8 Age-standardised death rates per 100,000 from stroke, under 75, United Kingdom and England, Wales, Scotland, Northern Ireland, 1969 to 2015

Year	United Kingdom			England			Wales			Scotland			Northern Ireland		
	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both	Men	Women	Both
1969	97	76	85	93	72	81	109	89	98	120	104	111	103	93	97
1971	92	72	81	88	68	76	108	80	92	122	97	107	102	97	100
1973	90	68	78	85	64	73	100	79	88	122	91	104	107	90	98
1975	84	63	72	79	59	68	98	69	81	118	87	100	99	81	89
1977	76	59	67	73	56	64	85	71	77	95	78	85	95	74	83
1979	76	57	66	72	54	62	85	64	73	102	79	89	96	74	84
1981	67	51	58	64	48	55	76	57	65	92	73	81	76	59	67
1983	62	48	54	60	45	52	68	53	60	83	66	73	72	69	71
1985	61	46	52	58	44	50	65	51	58	81	62	70	69	54	60
1987	55	42	48	53	40	46	56	45	50	73	54	62	58	43	50
1989	51	39	45	49	37	42	51	44	47	72	55	63	60	43	51
1991	49	36	42	47	34	40	53	36	44	65	48	55	48	42	45
1993	42	32	37	40	30	35	41	32	36	62	47	54	46	33	39
1995	40	30	35	38	29	33	40	31	35	58	42	49	42	35	38
1997	37	28	32	36	27	31	41	30	35	49	36	42	43	30	36
1999	34	26	30	33	25	29	37	27	31	43	34	38	40	29	34
2001	32	24	28	31	23	27	31	25	28	40	31	35	28	23	25
2003	29	22	26	28	21	25	32	25	28	38	28	32	30	19	24
2005	24	19	21	24	18	21	26	20	23	30	24	27	24	16	20
2007	21	16	18	20	15	18	23	18	21	29	20	24	19	18	18
2009	18	14	16	18	13	15	18	16	17	25	20	22	18	14	16
2011	17	12	14	16	12	14	18	15	16	24	16	20	18	13	15
2013	15	11	13	15	11	12	16	11	14	21	17	19	14	12	13
2014	15	11	13	14	11	12	17	12	15	18	14	16	15	10	13
2015	12	8	10	11	7	9	11	8	10	19	14	17	14	12	13

Notes: Directly age-standardised to the European Standard Population 2013.

Source: 1969 to 2009: England and Wales, Office for National Statistics (2016) Personal communication.

Scotland, General Register Office (2016) Personal communication.

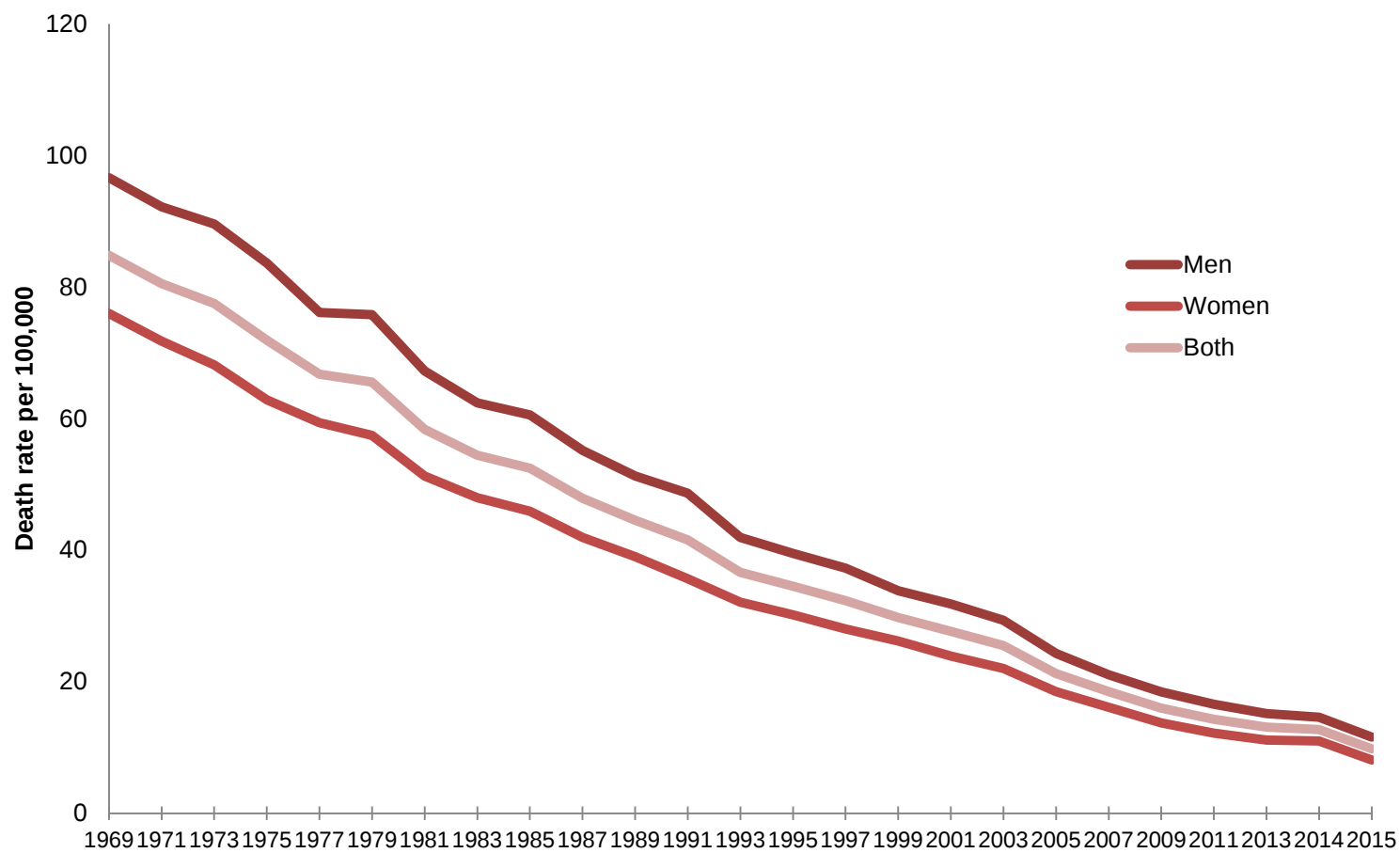
Northern Ireland, Statistics and Research Agency (2016) Personal communication.

2010 to 2014: England and Wales, Office for National Statistics; Scotland, General Register Office for Scotland; Northern Ireland, Northern Ireland Statistics and Research Agency.

2015 England and Wales: NOMIS Mortality Statistics

www.nomisweb.co.uk/articles/983.aspx

Figure 1.8 Age-standardised death rates per 100,000 from stroke, under 75, by gender, United Kingdom 1969 to 2015



bhf.org.uk/statistics

Table 1.9 Excess winter mortality for CVD and CHD by gender and age, England 2010/2011 to 2013/14

	Cardiovascular disease (ICD-10 I00–I99)	2010/11		2011/12		2012/13		2013/14	
		Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index
	0-64	570	15.9	270	8	450	13.7	140	4.3
	65-74	480	11.8	570	14.6	550	13.8	180	4.6
	75-84	1,200	16.6	1,000	14.6	1,220	17.6	650	9.7
	85+	990	14.9	1,300	20.5	1,350	20.4	960	15.1
Men	All ages	3,240	15	3,130	15.3	3,570	17.2	1,930	9.5
	0-64	190	13.8	210	15.9	280	21.3	130	9.8
	65-74	300	14	220	10.7	260	12.5	240	11.9
	75-84	930	14	970	15.7	1,090	18.2	700	12.7
	85+	1,700	14.1	2,210	19.5	2,500	21.5	1,340	12.2
Women	All ages	3,120	14	3,600	17.3	4,130	19.7	2,400	12.2
	0-64	760	15.3	470	10.2	740	15.8	270	5.8
	65-74	790	12.5	790	13.3	810	13.4	420	7
	75-84	2,130	15.3	1,960	15.1	2,310	17.9	1,350	11
	85+	2,680	14.4	3,510	19.9	3,860	21.1	2,290	13.3
All	All ages	6,360	14.5	6,730	16.3	7,710	18.4	4,330	10.8

	Coronary heart disease (ICD-10 I20–I25)	2010/11		2011/12		2012/13		2013/14	
		Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index
	0-64	310	13.8	230	11.4	270	13.3	60	3.1
	65-74	310	12.8	400	17.4	280	11.7	90	3.7
	75-84	790	20.9	560	15.4	700	18.9	380	10.7
	85+	480	15.6	720	24.7	620	20.2	440	15.2
Men	All ages	1,890	16.4	1,910	17.6	1,870	16.7	970	8.9
	0-64	80	15.3	70	13.3	160	30.6	20	3.1
	65-74	130	13.8	130	14.7	200	22.7	140	16.6
	75-84	430	16.3	420	17.3	430	18.1	180	8.2
	85+	670	16.4	840	21.2	880	22.3	510	13.9
Women	All ages	1,320	16	1,460	18.7	1,680	21.6	850	11.7
	0-64	400	14.1	300	11.8	430	16.8	80	3.1
	65-74	450	13.1	530	16.6	490	14.7	230	7.1
	75-84	1,210	19	980	16.2	1,130	18.6	550	9.7
	85+	1,150	16.1	1,560	22.7	1,500	21.4	950	14.4
All	All ages	3,200	16.2	3,370	18.1	3,550	18.7	1,810	10.1

Notes: Excess winter mortality calculation: winter deaths-average non-winter deaths.
Excess winter mortality index calculation: (excess winter mortality / average non-winter deaths)*100
The figures for individual age-groups may not sum up to the 'all ages' total due to rounding of figures.

Source: Office for National Statistics (2016). Personal communication.

Table 1.10 Excess winter mortality for CVD and CHD by gender and age, Wales 2010/2011 to 2013/14

		2010/11		2011/12		2012/13		2013/14	
	Cardiovascular disease (ICD-10 I00–I99)	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index
	0-64	70	32	10	4	40	16	20	9
	65-74	30	9	50	17	50	17	50	17
	75-84	90	17	30	5	100	20	40	8
	85+	50	12	100	23	130	29	60	15
Men	All ages	240	16	180	13	320	21	170	12
	0-64	20	17	10	12	20	16	40	49
	65-74	20	11	0	2	40	29	10	7
	75-84	80	18	90	23	50	12	60	16
	85+	150	19	150	19	150	19	90	12
Women	All ages	270	18	250	18	270	18	200	15
	0-64	90	27	20	7	50	16	60	20
	65-74	50	10	50	11	100	21	60	14
	75-84	170	17	120	13	150	16	100	11
	85+	210	17	240	21	280	23	150	13
All	All ages	510	17	440	15	590	20	370	13

		2010/11		2011/12		2012/13		2013/14	
	Coronary heart disease (ICD-10 I20–I25)	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index
	0-64	50	36	0	0	30	25	30	27
	65-74	30	20	40	24	50	24	20	15
	75-84	60	21	20	7	70	25	20	8
	85+	30	14	30	16	70	31	30	14
Men	All ages	170	21	100	12	210	26	110	14
	0-64	20	57	10	15	1	6	30	76
	65-74	10	14	0	1	20	27	-10	:
	75-84	40	19	30	21	20	13	30	17
	85+	40	12	50	19	100	38	10	2
Women	All ages	100	17	90	17	150	26	50	10
	0-64	70	40	10	4	40	21	60	37
	65-74	40	18	40	17	70	25	20	7
	75-84	90	20	50	12	90	20	50	11
	85+	70	13	90	18	170	35	30	7
All	All ages	280	20	190	14	360	26	160	12

Notes: Excess winter mortality calculation: winter deaths-average non-winter deaths.
Excess winter mortality index calculation: (excess winter mortality / average non-winter deaths)*100
Low numbers of CVD deaths of each age-group in the winter months for Wales may mean that there are large percentage variations in EWM between each year, which could be due to natural fluctuations rather than meaningful increases or decreases between each year.
The figures for individual age-groups may not sum up to the 'all ages' total due to rounding of figures.
The EWM index cannot be calculated where the number of EWD's is equal to zero or where there are a negative number of excess winter deaths.

Source: Office for National Statistics (2016). Personal communication.

Table 1.11 Excess winter mortality for CVD and CHD by gender and age, Northern Ireland 2011/12 to 2014/15

		2011/12		2012/13		2013/14		2014/15	
Cardiovascular disease (ICD-10 I00–I99)		Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index
	0–64	11	9.9	-9	-7.2	1	0.0	-14	-10.9
	65–74	17	12.9	18	14.0	-11	-8.3	15	12.2
	75–84	23	11.1	51	25.4	-1	-0.2	57	30.0
	85+	5	2.5	63	38.2	23	12.1	30	17.5
Men	All ages	55	8.8	123	20.1	11	1.7	89	14.6
	0–64	-5	-11.9	-2	-4.3	8	17.4	5	10.9
	65–74	10	15.2	4	5.7	3	3.9	26	40.2
	75–84	14	6.7	12	5.7	57	35.0	38	21.6
	85+	80	24.1	33	9.2	20	6.5	71	22.6
Women	All ages	98	15.2	46	6.8	88	15.0	139	23.3
	0–64	6	3.9	-11	-6.4	1	0.6	-9	-5.0
	65–74	26	13.7	22	11.1	-18	-8.7	41	21.7
	75–84	37	8.9	63	15.5	43	10.7	95	26.0
	85+	84	16.6	95	18.4	7	1.3	101	20.8
ALL	All ages	153	12.1	169	13.2	33	2.5	228	18.9

		2011/12		2012/13		2013/14		2014/15	
Coronary heart disease (ICD-10 I20–I25)		Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index	Excess winter mortality	Excess winter mortality index
	0–64	7	8.7	-5	-5.4	-1	-1.3	-9	-11.3
	65–74	1	0.6	7	7.6	-1	-0.7	4	5.1
	75–84	22	18.9	36	31.3	30	28.8	18	16.7
	85+	-	-11.5	37	46.5	32	44.7	20	23.4
Men	All ages	18	4.9	75	20.6	60	18.4	33	9.3
	0–64	-1	-5.3	-1	-5.0	4	17.1	-	4
	65–74	4	13.8	-	2	-	-1.8	9	31.0
	75–84	-	-2.8	15	18.1	26	35.7	7	8.8
	85+	52	50.5	-	13	2	1.3	25	22.0
Women	All ages	53	21.9	-	1	30	12.8	37	15.2
	0–64	6	5.9	-6	-5.3	-12	-10.9	-13	-12.2
	65–74	5	3.9	5	4.0	-13	-11.3	13	12.0
	75–84	19	9.4	51	25.8	32	15.9	25	13.3
	85+	45	21.7	18	7.9	9	4.3	44	22.6
ALL	All ages	74	12.0	68	10.5	16	2.5	70	11.7

Notes:

Excess winter mortality calculation: winter deaths-average non-winter deaths.

Table 1.11 Excess winter mortality index calculation: (excess winter mortality / average non-winter deaths)*100

Low numbers of CVD deaths of each age-group in the winter months for Northern Ireland may mean that there are large percentage variations in EWM between each year, which could be due to natural fluctuations rather than meaningful increases or decreases between each year.

Source:

Northern Ireland Statistics Research Agency (2016). Personal communication.

Table 1.12 Excess winter mortality for cardiovascular disease (CVD), by gender and age, England and Wales, 2007/08-2015/16

Men	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
0-64									
Excess winter deaths	520	600	380	640	280	490	180	400	600
EWM Index (%)	11.9	14.5	9.1	16.6	7.7	13.6	4.9	11.6	15.9
65-74									
Excess winter deaths	670	930	780	500	600	580	230	800	700
EWM Index (%)	13.6	19.8	16.9	11.1	14.4	13.5	5.3	19	15.6
75-84									
Excess winter deaths	1,400	2,380	1,610	1,280	1,030	1,320	680	1400	800
EWM Index (%)	15.1	27.7	19.6	16.5	14.0	17.7	9.4	19.8	11.3
85+									
Excess winter deaths	1,450	1,890	1,610	1,040	1,390	1,490	1030	1800	1100
EWM Index (%)	20.6	26.6	22.5	14.7	20.6	21.0	15.1	25.9	15.6
All Men									
Excess winter deaths	4,040	5,790	4,370	3,460	3,310	3,870	2100	4500	3100
EWM Index (%)	15.8	23.7	18.1	14.9	15.1	17.3	9.6	20.3	14.2
Women	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
0-64									
Excess winter deaths	260	240	240	210	220	300	160	200	300
EWM Index (%)	15.3	14.7	15.1	14.0	15.6	20.4	11.6	16.3	21.1
65-74									
Excess winter deaths	390	380	400	320	230	300	240	500	300
EWM Index (%)	14.3	14.5	16.4	13.4	10.0	13.5	11.2	22.5	12.4
75-84									
Excess winter deaths	1,500	1,960	1,540	1,010	1,060	1,140	760	1300	800
EWM Index (%)	17.2	24.4	20.4	14.2	16.2	17.7	12.7	22.2	14.3
85+									
Excess winter deaths	2,560	4,110	3,070	1,850	2,360	2,660	1420	3300	1400
EWM Index (%)	17.9	29.8	22.5	14.4	19.5	21.4	12.2	28.4	12.1
All Women									
Excess winter deaths	4,700	6,680	5,240	3,390	3,860	4,390	2580	5400	2800
EWM Index (%)	17.1	25.7	20.8	14.2	17.3	19.5	12.2	25.3	13.4
ALL	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
0-64									
Excess winter deaths	770	840	620	850	500	780	340	600	900
EWM Index (%)	12.8	14.6	10.8	15.9	9.9	15.6	6.8	13	17.5
65-74									
Excess winter deaths	1,070	1,300	1,170	810	830	880	470	1300	900
EWM Index (%)	13.9	17.9	16.7	11.9	12.9	13.5	7.3	20.2	14.5
75-84									
Excess winter deaths	2,900	4,330	3,150	2,300	2,090	2,450	1430	2800	1600
EWM Index (%)	16.1	26.1	20.0	15.4	15.0	17.7	10.9	20.9	12.6
85+									
Excess winter deaths	4,010	6,000	4,670	2,890	3,750	4,140	2450	5200	2500
EWM Index (%)	18.8	28.8	22.5	14.5	19.9	21.2	13.3	27.4	13.4
All ages									
Excess winter deaths	8,740	12,470	9,610	6,850	7,170	8,260	4680	9900	5900
EWM Index (%)	16.5	24.7	19.5	14.6	16.2	18.4	10.9	22.7	13.8

Notes: Excess winter mortality calculation: winter deaths-average non-winter deaths.

Excess winter mortality index calculation: (excess winter mortality / average non-winter deaths)*100

Source: Office for National Statistics (2016). Personal communication.

Table 1.13 Number of deaths and age-standardised death rates for cardiovascular disease (CVD), all ages by region and country, United Kingdom 2013/15

	ALL AGES								
	Age standardised CVD death rates per 100,000			Total number of CVD deaths 2013/15			Average number of annual CVD deaths for 2013/15		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
East Midlands	321.0	214.6	263.0	17,706	16,792	34,498	5,902	5,597	11,499
East of England	291.7	200.8	242.2	21,840	21,764	43,604	7,280	7,255	14,535
London	305.2	208.7	252.8	20,661	19,858	40,519	6,887	6,619	13,506
North East	329.3	230.2	275.2	10,285	10,203	20,488	3,428	3,401	6,829
North West	341.0	226.8	278.0	27,864	26,331	54,195	9,288	8,777	18,065
South East	289.9	201.0	241.4	31,328	32,581	63,909	10,443	10,860	21,303
South West	297.7	201.8	245.1	22,175	22,544	44,719	7,392	7,515	14,906
West Midlands	322.2	214.2	263.1	21,398	20,479	41,877	7,133	6,826	13,959
Yorkshire and the Humber	348.9	228.9	282.4	21,231	20,220	41,451	7,077	6,740	13,817
England	313.7	212.4	258.3	194,488	190,772	385,260	64,829	63,591	128,420
Wales	352.8	237.5	289.7	13,741	13,332	27,073	4,580	4,444	9,024
Scotland	383.2	266.4	318.4	22,984	23,367	46,351	7,661	7,789	15,450
Northern Ireland	319.2	217.4	262.0	5,676	5,733	11,409	1,892	1,911	3,803
UK	321.6	218.4	265.1	236,889	233,204	470,093	78,963	77,735	156,698

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics using NOMIS
 Scotland: Rates calculated in partnership with the General Register Office for Scotland.
 Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Table 1.14 Number of deaths and age-standardised death rates for cardiovascular disease (CVD), under 75, by region and country, United Kingdom 2013/15

	UNDER 75								
	Age standardised CVD death rates per 100,000			Total number of premature CVD deaths 2013/15			Average number of annual premature CVD deaths for 2013/15		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
East Midlands	96.2	41.9	68.5	6,296	2,841	9,137	2,099	947	3,046
East of England	83.8	36.0	59.3	6,959	3,149	10,108	2,320	1,050	3,369
London	100.0	43.4	70.4	8,118	3,753	11,871	2,706	1,251	3,957
North East	105.7	49.5	76.8	3,888	1,921	5,809	1,296	640	1,936
North West	110.1	51.5	80.1	10,722	5,231	15,953	3,574	1,744	5,318
South East	79.7	33.8	56.1	9,589	4,283	13,872	3,196	1,428	4,624
South West	84.0	34.8	58.7	6,766	2,975	9,741	2,255	992	3,247
West Midlands	99.4	44.0	71.1	7,650	3,535	11,185	2,550	1,178	3,728
Yorkshire and the Humber	106.4	46.1	75.5	7,662	3,486	11,148	2,554	1,162	3,716
England	94.7	41.5	67.3	67,650	31,174	98,824	22,550	10,391	32,941
Wales	109.1	49.3	78.4	4,942	2,346	7,288	1,647	782	2,429
Scotland	123.7	57.4	89.2	9,149	4,596	13,745	3,050	1,532	4,582
Northern Ireland	94.5	43.9	68.4	2,169	1,064	3,233	723	355	1,078
UK	97.9	43.4	69.9	83,910	39,180	123,090	27,970	13,060	41,030

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics using NOMIS
 Scotland: Rates calculated in partnership with the General Register Office for Scotland.
 Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Table 1.15 Number of deaths and age-standardised death rates for coronary heart disease (CHD), all ages, by region and country, United Kingdom 2013/15

	ALL AGES								
	Age standardised CHD death rates per 100,000			Total number of CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
East Midlands	172.9	80.1	121.2	9,678	6,208	15,886	3,226	2,069	5,295
East of England	149.5	72.1	106.3	11,295	7,743	19,038	3,765	2,581	6,346
London	154.6	74.6	110.1	10,598	6,953	17,551	3,533	2,318	5,850
North East	171.1	87.8	124.7	5,448	3,865	9,313	1,816	1,288	3,104
North West	185.0	89.4	131.6	15,425	10,282	25,707	5,142	3,427	8,569
South East	142.1	64.7	98.8	15,520	10,382	25,902	5,173	3,461	8,634
South West	151.4	71.2	106.4	11,360	7,885	19,245	3,787	2,628	6,415
West Midlands	169.1	79.4	119.2	11,442	7,486	18,928	3,814	2,495	6,309
Yorkshire and the Humber	192.1	89.0	134.0	11,868	7,804	19,672	3,956	2,601	6,557
England	163.3	77.3	115.2	102,634	68,608	171,242	34,211	22,869	57,081
Wales	185.9	89.3	132.1	7,373	4,959	12,332	2,458	1,653	4,111
Scotland	199.6	102.5	144.7	12,312	8,941	21,253	4,104	2,980	7,084
Northern Ireland	176.2	88.0	125.8	3,221	2,302	5,523	1,074	767	1,841
UK	167.8	80.3	118.9	125,540	84,810	210,350	41,847	28,270	70,117

Notes: ICD-10 codes I20-I25. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics.
 Scotland: Rates calculated in partnership with the General Register Office for Scotland.
 Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Table 1.16 Number of deaths and age-standardised death rates for coronary heart disease (CHD), under 75, by region and country, United Kingdom 2013/15

	UNDER 75								
	Age standardised CHD death rates per 100,000			Total number of premature CHD deaths 2013/15			Average number of annual premature CHD deaths for 2013/15		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
East Midlands	58.6	17.0	37.4	3,841	1,152	4,993	1,280	384	1,664
East of England	48.1	13.6	30.4	3,999	1,187	5,186	1,333	396	1,729
London	59.1	18.3	37.8	4,718	1,521	6,239	1,573	507	2,080
North East	63.4	21.4	41.8	2,342	832	3,174	781	277	1,058
North West	68.2	23.1	45.1	6,654	2,341	8,995	2,218	780	2,998
South East	46.2	11.8	28.5	5,568	1,499	7,067	1,856	500	2,356
South West	48.9	12.8	30.3	3,951	1,099	5,050	1,317	366	1,683
West Midlands	61.2	18.5	39.4	4,714	1,481	6,195	1,571	494	2,065
Yorkshire and the Humber	66.8	19.9	42.7	4,815	1,503	6,318	1,605	501	2,106
England	56.8	16.8	36.3	40,602	12,615	53,217	13,534	4,205	17,739
Wales	66.9	21.2	43.5	3,035	1,012	4,047	1,012	337	1,349
Scotland	76.1	25.2	49.6	5,651	2,017	7,668	1,884	672	2,556
Northern Ireland	61.2	20.1	40.0	1,406	486	1,892	469	162	631
UK	59.1	17.9	37.9	50,694	16,130	66,824	16,898	5,377	22,275

Notes: ICD-10 codes I20-I25. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics.
Scotland: Rates calculated in partnership with the General Register Office for Scotland.
Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Table 1.17 Number of deaths and age-standardised death rates for stroke, all ages by region and country, United Kingdom 2013/15

	ALL AGES								
	Age standardised stroke death rates per 100,000			Total number of stroke deaths 2013/15			Average number of annual stroke deaths for 2013/15		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
East Midlands	61.2	59.5	60.8	3,255	4,713	7,968	1,085	1,571	2,656
East of England	59.9	56.7	58.6	4,394	6,232	10,626	1,465	2,077	3,542
London	62.1	53.5	57.6	4,067	5,099	9,166	1,356	1,700	3,055
North East	72.9	69.2	71.3	2,199	3,092	5,291	733	1,031	1,764
North West	71.3	66.2	68.8	5,588	7,762	13,350	1,863	2,587	4,450
South East	60.5	58.2	59.7	6,411	9,556	15,967	2,137	3,185	5,322
South West	65.1	66.1	66.4	4,771	7,507	12,278	1,590	2,502	4,093
West Midlands	67.8	63.4	65.7	4,345	6,141	10,486	1,448	2,047	3,495
Yorkshire and the Humber	70.3	68.2	69.7	4,121	6,090	10,211	1,374	2,030	3,404
England	65.1	61.9	63.8	39,151	56,192	95,343	13,050	18,731	31,781
Wales	72.9	69.3	71.5	2,747	3,943	6,690	916	1,314	2,230
Scotland	89.9	87.9	89.4	5,106	7,765	12,871	1,702	2,588	4,290
Northern Ireland	75.1	67.9	71.2	1,266	1,796	3,062	422	599	1,021
UK	67.7	64.6	66.5	48,270	69,696	117,966	16,090	23,232	39,322

Notes: ICD-10 codes I60-I69. Directly standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics.
 Scotland: Rates calculated in partnership with the General Register Office for Scotland.
 Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Table 1.18 Number of deaths and age-standardised death rates for stroke, under 75, by region and country, United Kingdom 2013/15

	UNDER 75								
	Age standardised stroke death rates per 100,000			Total number of premature stroke deaths 2013/15			Average number of annual premature stroke deaths for 2013/15		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
East Midlands	11.8	8.8	10.3	762	589	1,351	254	196	450
East of England	11.6	7.4	9.4	950	639	1,589	317	213	530
London	15.1	10.0	12.4	1,192	870	2,062	397	290	687
North East	16.9	12.1	14.4	618	464	1,082	206	155	361
North West	15.7	11.9	13.7	1,506	1,205	2,711	502	402	904
South East	10.7	7.3	8.9	1,266	918	2,184	422	306	728
South West	12.0	8.7	10.3	963	741	1,704	321	247	568
West Midlands	13.4	10.2	11.7	1,016	823	1,839	339	274	613
Yorkshire and the Humber	13.8	11.1	12.4	985	835	1,820	328	278	607
England	13.1	9.5	11.3	9,258	7,084	16,342	3,086	2,361	5,447
Wales	14.8	10.5	12.6	671	496	1,167	224	165	389
Scotland	19.1	15.0	17.0	1,389	1,203	2,592	463	401	864
Northern Ireland	14.4	11.5	12.9	326	277	603	109	92	201
UK	13.8	10.1	11.9	11,644	9,060	20,704	3,881	3,020	6,901

Notes: ICD-10 codes I60-I69. Directly standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics.
 Scotland: Rates calculated in partnership with the General Register Office for Scotland.
 Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Table 1.19 Age-standardised death rates per 100,000 for cardiovascular disease (CVD), all ages by local authority, United Kingdom 2013/2015

LA Code	LA/DC/UA	Region/Nation	4N	ALL AGES								
				Age standardised CVD death rates per 100,000			Total number of CVD deaths 2013/15			Average number of annual CVD deaths 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E06000001	Hartlepool	North East	ENG	344.4	232.5	280.8	378	360	738	126	120	246
E06000002	Middlesbrough	North East	ENG	353.4	259.9	302.8	505	525	1,030	168	175	343
E06000003	Redcar and Cleveland	North East	ENG	337.7	230.5	279.6	613	575	1,188	204	192	396
E06000004	Stockton-on-Tees	North East	ENG	321.2	233.0	273.4	680	685	1,365	227	228	455
E06000005	Darlington	North East	ENG	329.4	223.6	271.9	428	430	858	143	143	286
E06000006	Halton	North West	ENG	331.2	260.6	294.0	442	450	892	147	150	297
E06000007	Warrington	North West	ENG	335.3	230.1	276.0	736	715	1,451	245	238	484
E06000008	Blackburn with Darwen	North West	ENG	392.8	269.1	325.8	530	491	1,021	177	164	340
E06000009	Blackpool	North West	ENG	423.1	275.8	341.4	768	720	1,488	256	240	496
E06000010	Kingston upon Hull, City of	Yorkshire & The Humber	ENG	397.0	278.3	333.7	1,002	978	1,980	334	326	660
E06000011	East Riding of Yorkshire	Yorkshire & The Humber	ENG	325.1	235.8	276.4	1,604	1,658	3,262	535	553	1,087
E06000012	North East Lincolnshire	Yorkshire & The Humber	ENG	373.5	215.7	284.2	733	613	1,346	244	204	449
E06000013	North Lincolnshire	Yorkshire & The Humber	ENG	352.1	229.0	283.6	733	693	1,426	244	231	475
E06000014	York	Yorkshire & The Humber	ENG	323.0	221.6	266.0	755	806	1,561	252	269	520
E06000015	Derby	East Midlands	ENG	347.2	215.0	273.6	939	865	1,804	313	288	601
E06000016	Leicester	East Midlands	ENG	430.0	249.0	328.2	1,183	979	2,162	394	326	721
E06000017	Rutland	East Midlands	ENG	268.8	159.9	209.5	153	137	290	51	46	97
E06000018	Nottingham	East Midlands	ENG	386.4	248.0	308.0	980	920	1,900	327	307	633
E06000019	Herefordshire, County of	West Midlands	ENG	315.1	242.2	276.7	869	992	1,861	290	331	620
E06000020	Telford and Wrekin	West Midlands	ENG	308.8	213.9	256.8	526	480	1,006	175	160	335
E06000021	Stoke-on-Trent	West Midlands	ENG	337.2	209.6	267.0	894	778	1,672	298	259	557
E06000022	Bath and North East Somerset	South West	ENG	271.5	179.8	220.7	625	633	1,258	208	211	419
E06000023	Bristol, City of	South West	ENG	317.1	190.5	246.5	1,275	1,154	2,429	425	385	810
E06000024	North Somerset	South West	ENG	268.7	187.1	224.8	821	873	1,694	274	291	565
E06000025	South Gloucestershire	South West	ENG	268.2	178.2	218.7	865	791	1,656	288	264	552
E06000026	Plymouth	South West	ENG	325.6	226.7	272.6	961	959	1,920	320	320	640
E06000027	Torbay	South West	ENG	343.0	216.7	271.9	736	736	1,472	245	245	491
E06000028	Bournemouth	South West	ENG	323.4	217.5	267.9	787	852	1,639	262	284	546
E06000029	Poole	South West	ENG	259.6	197.5	225.0	577	666	1,243	192	222	414
E06000030	Swindon	South West	ENG	322.9	203.7	258.2	710	604	1,314	237	201	438
E06000031	Peterborough	East of England	ENG	304.0	213.0	255.5	562	554	1,116	187	185	372
E06000032	Luton	East of England	ENG	334.8	229.2	280.5	630	537	1,167	210	179	389
E06000033	Southend-on-Sea	East of England	ENG	313.6	217.1	260.6	702	763	1,465	234	254	488
E06000034	Thurrock	East of England	ENG	326.9	224.0	270.9	473	454	927	158	151	309
E06000035	Medway	South East	ENG	311.0	209.7	254.9	818	759	1,577	273	253	526
E06000036	Bracknell Forest	South East	ENG	269.9	174.3	216.8	284	258	542	95	86	181
E06000037	West Berkshire	South East	ENG	258.1	177.1	216.3	451	421	872	150	140	291
E06000038	Reading	South East	ENG	300.8	201.1	247.8	408	380	788	136	127	263
E06000039	Slough	South East	ENG	360.3	243.6	296.2	360	321	681	120	107	227
E06000040	Windsor and Maidenhead	South East	ENG	287.8	172.3	223.8	508	462	970	169	154	323
E06000041	Wokingham	South East	ENG	295.4	158.5	216.1	506	381	887	169	127	296
E06000042	Milton Keynes	South East	ENG	297.8	191.5	240.0	627	556	1,183	209	185	394
E06000043	Brighton and Hove	South East	ENG	306.0	199.1	247.0	803	817	1,620	268	272	540
E06000044	Portsmouth	South East	ENG	370.0	246.5	304.3	729	723	1,452	243	241	484
E06000045	Southampton	South East	ENG	329.6	214.6	267.4	731	712	1,443	244	237	481
E06000046	Isle of Wight	South East	ENG	392.2	298.7	345.0	885	1,093	1,978	295	364	659
E06000047	County Durham	North East	ENG	331.9	247.0	286.9	2,109	2,150	4,259	703	717	1,420
E06000049	Cheshire East	North West	ENG	286.6	194.5	236.9	1,482	1,473	2,955	494	491	985
E06000050	Cheshire West and Chester	North West	ENG	290.9	203.7	244.3	1,250	1,259	2,509	417	420	836
E06000051	Shropshire	West Midlands	ENG	304.8	207.6	251.5	1,360	1,362	2,722	453	454	907
E06000052	Cornwall and Isles of Scilly	South West	ENG	336.3	236.0	281.7	2,700	2,795	5,495	900	932	1,832
E06000054	Wiltshire	South West	ENG	278.1	196.1	233.6	1,742	1,810	3,552	581	603	1,184
E06000055	Bedford	East of England	ENG	267.7	183.7	222.1	505	496	1,001	168	165	334
E06000056	Central Bedfordshire	East of England	ENG	253.5	195.5	223.4	759	744	1,503	253	248	501
E06000057	Northumberland	North East	ENG	305.6	212.2	254.0	1,362	1,313	2,675	454	438	892
E07000004	Aylesbury Vale	South East	ENG	287.4	200.6	238.2	538	558	1,096	179	186	365
E07000005	Chiltern	South East	ENG	246.6	156.0	192.7	312	310	622	104	103	207
E07000006	South Bucks	South East	ENG	272.5	175.1	216.8	254	269	523	85	90	174
E07000007	Wycombe	South East	ENG	286.4	187.7	232.0	555	517	1,072	185	172	357
E07000008	Cambridge	East of England	ENG	323.0	214.2	261.3	360	378	738	120	126	246
E07000009	East Cambridgeshire	East of England	ENG	274.5	194.2	227.9	286	291	577	95	97	192
E07000010	Fenland	East of England	ENG	313.3	204.6	257.6	440	408	848	147	136	283
E07000011	Huntingdonshire	East of England	ENG	281.6	177.7	225.2	564	494	1,058	188	165	353
E07000012	South Cambridgeshire	East of England	ENG	267.7	172.5	216.8	507	458	965	169	153	322
E07000026	Allerdale	North West	ENG	350.0	236.0	284.2	471	462	933	157	154	311
E07000027	Barrow-in-Furness	North West	ENG	367.4	289.6	326.1	316	348	664	105	116	221
E07000028	Carlisle	North West	ENG	310.5	215.7	258.8	439	442	881	146	147	294
E07000029	Copeland	North West	ENG	339.2	255.5	293.4	310	314	624	103	105	208
E07000030	Eden	North West	ENG	321.0	183.2	244.1	259	223	482	86	74	161
E07000031	South Lakeland	North West	ENG	286.0	196.7	236.5	501	528	1,029	167	176	343
E07000032	Amber Valley	East Midlands	ENG	323.1	233.4	275.9	519	547	1,066	173	182	355
E07000033	Bolsover	East Midlands	ENG	356.0	224.3	279.2	318	302	620	106	101	207
E07000034	Chesterfield	East Midlands	ENG	349.9	229.8	282.0	462	452	914	154	151	305
E07000035	Derbyshire Dales	East Midlands	ENG	306.3	195.9	245.5	334	329	663	111	110	221
E07000036	Erewash	East Midlands	ENG	318.4	219.9	264.4	446	453	899	149	151	300
E07000037	High Peak	East Midlands	ENG	331.5	223.6	273.1	356	352	708	119	117	236
E07000038	North East Derbyshire	East Midlands	ENG	305.0	213.8	256.2	443	418	861	148	139	287
E07000039	South Derbyshire	East Midlands	ENG	329.4	231.9	278.4	349	333	682	116	111	227
E07000040	East Devon	South West	ENG	243.7	176.3	206.4	663	759	1,422	221	253	474
E07000041	Exeter	South West	ENG	305.4	183.0	235.7	384	412	796	128	137	265
E07000042	Mid Devon	South West	ENG	274.1	176.3	219.4	314	288	602	105	96	201
E07000043	North Devon	South West	ENG	331.5	233.4	279.8	484	517	1,001	161	172	334
E07000044	South Hams	South West	ENG	270.0	196.9	232.2	384	403	787	128	134	262
E07000045	Teignbridge	South West	ENG	304.5	195.5	243.5	621	648	1,269	207	216	423
E07000046	Torridge	South West	ENG	370.2	233.1	294.5	378	347	725	126	116	242
E07000047	West Devon	South West	ENG	276.4	195.1	231.8	238	256	494	79	85	165
E07000048	Christchurch	South West	ENG	266.3	164.8	208.1	283	272	555	94	91	185
E07000049	East Dorset	South West	ENG	226.3	170.0	196.1	414	470	884	138	157	295
E07000050	North Dorset	South West	ENG	293.7	163.6	217.5	312	270	582	104	90	194
E07000051	Purbeck	South West	ENG	266.0	197.8	229.1	211	214	425	70	71	142

LA Code	LA/DC/UA	Region/Nation	4N	ALL AGES								
				Age standardised CVD death rates per 100,000			Total number of CVD deaths 2013/15			Average number of annual CVD deaths 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000052	West Dorset	South West	ENG	282.2	193.7	234.3	535	573	1,108	178	191	369
E07000053	Weymouth and Portland	South West	ENG	295.7	195.0	241.5	295	274	569	98	91	190
E07000061	Eastbourne	South East	ENG	305.1	241.4	271.7	516	711	1,227	172	237	409
E07000062	Hastings	South East	ENG	408.2	327.4	367.6	438	573	1,011	146	191	337
E07000063	Lewes	South East	ENG	297.6	186.6	234.7	480	493	973	160	164	324
E07000064	Rother	South East	ENG	323.3	260.3	290.5	609	817	1,426	203	272	475
E07000065	Wealden	South East	ENG	276.7	225.0	248.5	677	870	1,547	226	290	516
E07000066	Basildon	East of England	ENG	325.5	204.3	255.8	630	585	1,215	210	195	405
E07000067	Braintree	East of England	ENG	281.6	217.6	248.1	507	580	1,087	169	193	362
E07000068	Brentwood	East of England	ENG	259.2	204.9	229.2	269	321	590	90	107	197
E07000069	Castle Point	East of England	ENG	294.0	212.1	251.3	386	389	775	129	130	258
E07000070	Chelmsford	East of England	ENG	259.6	189.6	220.9	534	554	1,088	178	185	363
E07000071	Colchester	East of England	ENG	303.5	204.1	249.6	599	587	1,186	200	196	395
E07000072	Epping Forest	East of England	ENG	289.9	205.8	243.8	479	519	998	160	173	333
E07000073	Harlow	East of England	ENG	301.0	211.1	251.3	268	281	549	89	94	183
E07000074	Maldon	East of England	ENG	320.6	203.7	255.6	275	245	520	92	82	173
E07000075	Rochford	East of England	ENG	261.4	162.3	205.7	312	276	588	104	92	196
E07000076	Tendring	East of England	ENG	323.8	216.6	263.1	831	828	1,659	277	276	553
E07000077	Uttlesford	East of England	ENG	248.0	183.3	213.0	255	278	533	85	93	178
E07000078	Cheltenham	South West	ENG	283.9	215.3	246.8	406	487	893	135	162	298
E07000079	Cotswold	South West	ENG	274.0	170.2	215.2	366	344	710	122	115	237
E07000080	Forest of Dean	South West	ENG	322.0	244.1	280.7	381	416	797	127	139	266
E07000081	Gloucester	South West	ENG	352.7	228.7	282.3	462	441	903	154	147	301
E07000082	Stroud	South West	ENG	299.5	218.5	254.6	453	494	947	151	165	316
E07000083	Tewkesbury	South West	ENG	303.7	183.9	236.7	361	324	685	120	108	228
E07000084	Basingstoke and Deane	South East	ENG	279.4	196.3	235.6	516	468	984	172	156	328
E07000085	East Hampshire	South East	ENG	252.2	179.0	211.5	417	433	850	139	144	283
E07000086	Eastleigh	South East	ENG	242.3	194.6	216.6	364	427	791	121	142	264
E07000087	Fareham	South East	ENG	279.4	197.7	236.6	466	478	944	155	159	315
E07000088	Gosport	South East	ENG	350.1	199.9	263.6	357	292	649	119	97	216
E07000089	Hart	South East	ENG	231.0	154.7	188.2	251	237	488	84	79	163
E07000090	Havant	South East	ENG	308.6	201.0	248.4	567	526	1,093	189	175	364
E07000091	New Forest	South East	ENG	262.1	175.1	213.6	870	902	1,772	290	301	591
E07000092	Rushmoor	South East	ENG	325.5	194.1	250.1	268	234	502	89	78	167
E07000093	Test Valley	South East	ENG	256.8	177.6	212.2	396	396	792	132	132	264
E07000094	Winchester	South East	ENG	263.6	172.9	213.7	417	443	860	139	148	287
E07000095	Broxbourne	East of England	ENG	284.3	170.4	221.4	312	268	580	104	89	193
E07000096	Dacorum	East of England	ENG	268.3	192.4	226.4	463	483	946	154	161	315
E07000098	Hertsmere	East of England	ENG	295.0	181.0	230.3	365	356	721	122	119	240
E07000099	North Hertfordshire	East of England	ENG	297.7	211.5	250.5	473	499	972	158	166	324
E07000102	Three Rivers	East of England	ENG	275.7	200.0	234.0	298	334	632	99	111	211
E07000103	Watford	East of England	ENG	361.3	238.7	294.3	289	304	593	96	101	198
E07000105	Ashford	South East	ENG	291.3	209.0	247.0	419	445	864	140	148	288
E07000106	Canterbury	South East	ENG	327.7	239.2	279.8	665	778	1,443	222	259	481
E07000107	Dartford	South East	ENG	312.8	199.1	252.1	327	287	614	109	96	205
E07000108	Dover	South East	ENG	297.8	244.7	269.9	473	567	1,040	158	189	347
E07000109	Gravesham	South East	ENG	295.9	216.4	254.6	353	347	700	118	116	233
E07000110	Maidstone	South East	ENG	290.5	194.5	237.1	541	544	1,085	180	181	362
E07000111	Sevenoaks	South East	ENG	244.7	190.1	214.4	375	440	815	125	147	272
E07000112	Shepway	South East	ENG	302.5	204.6	248.5	493	494	987	164	165	329
E07000113	Swale	South East	ENG	306.4	199.9	250.1	499	446	945	166	149	315
E07000114	Thanet	South East	ENG	349.6	226.8	281.0	684	701	1,385	228	234	462
E07000115	Tonbridge and Malling	South East	ENG	271.8	174.5	218.7	401	355	756	134	118	252
E07000116	Tunbridge Wells	South East	ENG	229.7	205.7	219.9	327	463	790	109	154	263
E07000117	Burnley	North West	ENG	387.7	251.2	308.3	374	346	720	125	115	240
E07000118	Chorley	North West	ENG	315.9	217.5	264.1	400	381	781	133	127	260
E07000119	Fylde	North West	ENG	334.5	203.2	261.0	430	409	839	143	136	280
E07000120	Hyndburn	North West	ENG	359.5	263.1	310.4	325	323	648	108	108	216
E07000121	Lancaster	North West	ENG	358.1	234.9	288.2	619	605	1,224	206	202	408
E07000122	Pendle	North West	ENG	367.0	245.0	302.6	377	356	733	126	119	244
E07000123	Preston	North West	ENG	370.9	230.1	293.5	511	433	944	170	144	315
E07000124	Ribble Valley	North West	ENG	329.0	193.8	250.1	259	234	493	86	78	164
E07000125	Rossendale	North West	ENG	378.5	276.0	324.4	288	286	574	96	95	191
E07000126	South Ribble	North West	ENG	291.8	192.8	236.5	393	368	761	131	123	254
E07000127	West Lancashire	North West	ENG	311.0	200.9	251.0	446	403	849	149	134	283
E07000128	Wyre	North West	ENG	319.1	222.6	265.4	574	589	1,163	191	196	388
E07000129	Blaby	East Midlands	ENG	269.8	173.5	215.2	320	298	618	107	99	206
E07000130	Charnwood	East Midlands	ENG	277.1	202.0	237.9	553	575	1,128	184	192	376
E07000131	Harborough	East Midlands	ENG	298.0	172.7	228.5	342	285	627	114	95	209
E07000132	Hinckley and Bosworth	East Midlands	ENG	306.4	191.9	242.0	412	375	787	137	125	262
E07000133	Melton	East Midlands	ENG	285.0	192.9	233.4	187	181	368	62	60	123
E07000134	North West Leicestershire	East Midlands	ENG	341.1	193.9	259.0	391	315	706	130	105	235
E07000135	Oadby and Wigston	East Midlands	ENG	278.7	184.2	224.7	215	222	437	72	74	146
E07000136	Boston	East Midlands	ENG	332.7	265.5	298.9	294	338	632	98	113	211
E07000137	East Lindsey	East Midlands	ENG	340.0	254.3	294.8	829	785	1,614	276	262	538
E07000138	Lincoln	East Midlands	ENG	398.0	246.2	312.2	375	352	727	125	117	242
E07000139	North Kesteven	East Midlands	ENG	281.7	186.9	230.1	446	403	849	149	134	283
E07000140	South Holland	East Midlands	ENG	337.3	234.9	282.8	479	451	930	160	150	310
E07000141	South Kesteven	East Midlands	ENG	285.8	207.8	245.0	532	557	1,089	177	186	363
E07000142	West Lindsey	East Midlands	ENG	320.3	198.6	254.7	427	341	768	142	114	256
E07000143	Breckland	East of England	ENG	267.1	224.3	244.7	542	651	1,193	181	217	398
E07000144	Broadland	East of England	ENG	280.8	201.6	238.0	564	604	1,168	188	201	389
E07000145	Great Yarmouth	East of England	ENG	347.9	215.5	273.4	489	438	927	163	146	309
E07000146	King's Lynn and West Norfolk	East of England	ENG	316.4	197.7	251.6	767	666	1,433	256	222	478
E07000147	North Norfolk	East of England	ENG	318.0	182.3	240.8	650	560	1,210	217	187	403
E07000148	Norwich	East of England	ENG	311.4	214.3	258.8	440	466	906	147	155	302
E07000149	South Norfolk	East of England	ENG	269.5	186.0	224.5	530	504	1,034	177	168	345
E07000150	Corby	East Midlands	ENG	374.6	235.6	299.3	231	183	414	77	61	138
E07000151	Daventry	East Midlands	ENG	292.5	200.4	241.3	273	252	525	91	84	175
E07000152	East Northamptonshire	East Midlands	ENG	271.0	178.3	221.2	301	272	573	100	91	191
E07000153	Kettering	East Midlands	ENG	298.5	213.4	252.9	323	343	666	108	114	222
E07000154	Northampton	East Midlands	ENG	337.6	231.5	280.8	715	687	1,402	238	229	467

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				Age standardised CVD death rates per 100,000			Total number of CVD deaths 2013/15			Average number of annual CVD deaths 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000155	South Northamptonshire	East Midlands	ENG	255.4	178.3	215.3	281	262	543	94	87	181
E07000156	Wellingborough	East Midlands	ENG	298.7	187.4	237.2	264	228	492	88	76	164
E07000163	Craven	Yorkshire & The Humber	ENG	311.2	204.9	245.4	266	290	556	89	97	185
E07000164	Hambleton	Yorkshire & The Humber	ENG	298.9	180.1	233.7	409	350	759	136	117	253
E07000165	Harrogate	Yorkshire & The Humber	ENG	301.2	201.9	245.3	655	720	1,375	218	240	458
E07000166	Richmondshire	Yorkshire & The Humber	ENG	323.2	207.4	257.6	202	175	377	67	58	126
E07000167	Ryedale	Yorkshire & The Humber	ENG	287.9	211.5	245.6	240	255	495	80	85	165
E07000168	Scarborough	Yorkshire & The Humber	ENG	403.1	274.8	331.7	680	707	1,387	227	236	462
E07000169	Selby	Yorkshire & The Humber	ENG	333.7	207.8	264.0	338	295	633	113	98	211
E07000170	Ashfield	East Midlands	ENG	319.4	226.7	269.5	440	437	877	147	146	292
E07000171	Bassetlaw	East Midlands	ENG	315.1	208.4	257.0	465	422	887	155	141	296
E07000172	Broxtowe	East Midlands	ENG	287.0	223.5	254.4	410	453	863	137	151	288
E07000173	Gedling	East Midlands	ENG	307.5	201.0	248.9	447	427	874	149	142	291
E07000174	Mansfield	East Midlands	ENG	334.7	235.7	280.2	417	416	833	139	139	278
E07000175	Newark and Sherwood	East Midlands	ENG	299.8	205.9	250.2	462	447	909	154	149	303
E07000176	Rushcliffe	East Midlands	ENG	261.2	175.3	215.5	393	398	791	131	133	264
E07000177	Chenwell	South East	ENG	281.2	188.2	232.7	455	432	887	152	144	296
E07000178	Oxford	South East	ENG	272.6	182.6	225.9	342	347	689	114	116	230
E07000179	South Oxfordshire	South East	ENG	248.0	179.5	210.4	442	461	903	147	154	301
E07000180	Vale of White Horse	South East	ENG	266.2	174.1	213.3	422	406	828	141	135	276
E07000181	West Oxfordshire	South East	ENG	258.6	197.0	226.5	371	411	782	124	137	261
E07000187	Mendip	South West	ENG	303.9	194.7	242.4	469	453	922	156	151	307
E07000188	Sedgemoor	South West	ENG	286.1	200.5	240.7	491	495	986	164	165	329
E07000189	South Somerset	South West	ENG	290.0	193.9	236.9	744	719	1,463	248	240	488
E07000190	Taunton Deane	South West	ENG	312.3	217.1	261.1	522	564	1,086	174	188	362
E07000191	West Somerset	South West	ENG	300.0	209.1	248.2	205	231	436	68	77	145
E07000192	Cannock Chase	West Midlands	ENG	327.5	221.3	269.2	361	340	701	120	113	234
E07000193	East Staffordshire	West Midlands	ENG	332.1	234.3	277.0	434	450	884	145	150	295
E07000194	Lichfield	West Midlands	ENG	350.2	221.1	277.8	474	429	903	158	143	301
E07000195	Newcastle-under-Lyme	West Midlands	ENG	298.5	208.5	249.2	468	464	932	156	155	311
E07000196	South Staffordshire	West Midlands	ENG	307.4	213.4	255.2	465	471	936	155	157	312
E07000197	Stafford	West Midlands	ENG	287.7	222.2	255.1	513	555	1,068	171	185	356
E07000198	Staffordshire Moorlands	West Midlands	ENG	293.3	218.4	250.4	398	426	824	133	142	275
E07000199	Tamworth	West Midlands	ENG	378.3	240.0	299.1	284	255	539	95	85	180
E07000200	Babergh	East of England	ENG	274.2	199.0	233.7	381	402	783	127	134	261
E07000201	Forest Heath	East of England	ENG	311.2	198.6	252.1	226	198	424	75	66	141
E07000202	Ipswich	East of England	ENG	301.4	209.5	254.1	450	471	921	150	157	307
E07000203	Mid Suffolk	East of England	ENG	265.0	179.5	219.4	385	350	735	128	117	245
E07000204	St Edmundsbury	East of England	ENG	259.2	190.3	222.0	393	431	824	131	144	275
E07000205	Suffolk Coastal	East of England	ENG	272.9	183.6	224.5	586	576	1,162	195	192	387
E07000206	Waveney	East of England	ENG	308.9	222.3	262.1	609	634	1,243	203	211	414
E07000207	Elmbridge	South East	ENG	281.1	189.0	229.8	463	488	951	154	163	317
E07000208	Epsom and Ewell	South East	ENG	242.9	166.6	202.1	226	220	446	75	73	149
E07000209	Guildford	South East	ENG	261.3	202.3	230.5	414	475	889	138	158	296
E07000210	Mole Valley	South East	ENG	264.4	186.5	222.2	352	356	708	117	119	236
E07000211	Reigate and Banstead	South East	ENG	282.9	210.0	243.0	489	564	1,053	163	188	351
E07000212	Runnymede	South East	ENG	274.7	188.5	229.1	272	285	557	91	95	186
E07000213	Spelthorne	South East	ENG	286.3	186.5	231.6	350	325	675	117	108	225
E07000214	Surrey Heath	South East	ENG	227.5	185.3	208.3	245	280	525	82	93	175
E07000215	Tandridge	South East	ENG	264.2	187.3	222.9	305	322	627	102	107	209
E07000216	Waverley	South East	ENG	252.7	181.4	213.2	443	511	954	148	170	318
E07000217	Woking	South East	ENG	247.3	188.4	217.8	276	315	591	92	105	197
E07000218	North Warwickshire	West Midlands	ENG	335.8	234.4	279.1	259	266	525	86	89	175
E07000219	Nuneaton and Bedworth	West Midlands	ENG	339.5	223.5	275.6	480	451	931	160	150	310
E07000220	Rugby	West Midlands	ENG	270.2	196.8	229.9	346	343	689	115	114	229
E07000221	Stratford-on-Avon	West Midlands	ENG	255.3	180.4	214.6	487	516	1,003	162	172	334
E07000222	Warwick	West Midlands	ENG	269.3	172.5	216.0	443	437	880	148	146	293
E07000223	Adur	South East	ENG	332.0	213.2	265.2	314	307	621	105	102	207
E07000224	Arun	South East	ENG	307.0	188.3	239.5	859	829	1,688	286	276	563
E07000225	Chichester	South East	ENG	262.9	175.2	212.5	529	547	1,076	176	182	359
E07000226	Crawley	South East	ENG	317.4	179.2	237.6	324	272	596	108	91	199
E07000227	Horsham	South East	ENG	262.5	185.3	219.6	498	523	1,021	166	174	340
E07000228	Mid Sussex	South East	ENG	279.4	194.8	234.4	518	597	1,115	173	199	372
E07000229	Worthing	South East	ENG	309.7	220.2	262.5	484	604	1,088	161	201	363
E07000234	Bromsgrove	West Midlands	ENG	312.8	183.7	239.6	421	392	813	140	131	271
E07000235	Malvern Hills	West Midlands	ENG	296.0	214.2	251.2	391	422	813	130	141	271
E07000236	Redditch	West Midlands	ENG	299.5	186.3	239.5	267	220	487	89	73	162
E07000237	Worcester	West Midlands	ENG	318.9	198.4	251.2	327	308	635	109	103	212
E07000238	Wychavon	West Midlands	ENG	269.4	199.2	231.1	486	510	996	162	170	332
E07000239	Wyre Forest	West Midlands	ENG	319.7	209.0	258.8	447	416	863	149	139	288
E07000240	St Albans	East of England	ENG	239.3	189.5	214.5	401	454	855	134	151	285
E07000241	Welwyn Hatfield	East of England	ENG	274.6	188.6	229.3	351	377	728	117	126	243
E07000242	East Hertfordshire	East of England	ENG	287.2	190.8	234.6	451	428	879	150	143	293
E07000243	Stevenage	East of England	ENG	338.2	226.7	275.4	292	290	582	97	97	194
E08000001	Bolton	North West	ENG	349.7	215.2	274.8	1,034	861	1,895	345	287	632
E08000002	Bury	North West	ENG	350.4	235.4	286.0	714	679	1,393	238	226	464
E08000003	Manchester	North West	ENG	442.1	281.5	352.7	1,498	1,345	2,843	499	448	948
E08000004	Oldham	North West	ENG	369.3	244.6	301.0	847	779	1,626	282	260	542
E08000005	Rochdale	North West	ENG	366.1	256.0	306.0	803	773	1,576	268	258	525
E08000006	Salford	North West	ENG	371.5	231.5	295.2	880	756	1,636	293	252	545
E08000007	Stockport	North West	ENG	306.1	211.6	253.3	1,104	1,113	2,217	368	371	739
E08000008	Tameside	North West	ENG	418.8	292.6	350.8	993	953	1,946	331	318	649
E08000009	Trafford	North West	ENG	318.7	202.0	252.3	837	785	1,622	279	262	541
E08000010	Wigan	North West	ENG	379.4	232.1	298.5	1,335	1,072	2,407	445	357	802
E08000011	Knowsley	North West	ENG	336.3	243.1	284.1	536	545	1,081	179	182	360
E08000012	Liverpool	North West	ENG	328.3	213.1	264.5	1,506	1,347	2,853	502	449	951
E08000013	St. Helens	North West	ENG	340.0	227.6	279.6	738	663	1,401	246	221	467
E08000014	Sefton	North West	ENG	307.6	187.7	239.3	1,183	1,132	2,315	394	377	772
E08000015	Wirral	North West	ENG	322.3	214.9	263.6	1,356	1,370	2,726	452	457	909
E08000016	Barnsley	Yorkshire & The Humber	ENG	356.4	233.6	288.0	983	898	1,881	328	299	627
E08000017	Doncaster	Yorkshire & The Humber	ENG	316.6	221.1	265.5	1,136	1,110	2,246	379	370	749
E08000018	Rotherham	Yorkshire & The Humber	ENG	349.2	233.9	285.4	1,061	1,005	2,066	354	335	689

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E08000019	Sheffield	Yorkshire & The Humber	ENG	333.9	223.3	273.9	2,014	1,939	3,953	671	646	1,318
E08000021	Newcastle upon Tyne	North East	ENG	324.6	221.6	269.9	915	900	1,815	305	300	605
E08000022	North Tyneside	North East	ENG	341.9	215.7	271.8	827	815	1,642	276	272	547
E08000023	South Tyneside	North East	ENG	311.6	206.3	253.0	565	590	1,155	188	197	385
E08000024	Sunderland	North East	ENG	342.5	233.8	280.1	1,068	1,042	2,110	356	347	703
E08000025	Birmingham	West Midlands	ENG	352.6	220.3	280.6	3,527	3,127	6,654	1,176	1,042	2,218
E08000026	Coventry	West Midlands	ENG	332.6	204.2	262.3	1,103	961	2,064	368	320	688
E08000027	Dudley	West Midlands	ENG	311.1	215.0	259.4	1,227	1,204	2,431	409	401	810
E08000028	Sandwell	West Midlands	ENG	373.8	250.5	305.4	1,185	1,160	2,345	395	387	782
E08000029	Solihull	West Midlands	ENG	268.8	173.1	215.4	752	743	1,495	251	248	498
E08000030	Walsall	West Midlands	ENG	367.7	224.8	288.6	1,140	1,010	2,150	380	337	717
E08000031	Wolverhampton	West Midlands	ENG	367.1	240.8	297.3	1,064	991	2,055	355	330	685
E08000032	Bradford	Yorkshire & The Humber	ENG	376.4	239.4	300.4	1,877	1,734	3,611	626	578	1,204
E08000033	Calderdale	Yorkshire & The Humber	ENG	353.5	218.1	274.9	788	736	1,524	263	245	508
E08000034	Kirklees	Yorkshire & The Humber	ENG	346.4	231.9	283.4	1,537	1,496	3,033	512	499	1,011
E08000035	Leeds	Yorkshire & The Humber	ENG	372.3	232.8	294.6	2,846	2,601	5,447	949	867	1,816
E08000036	Wakefield	Yorkshire & The Humber	ENG	362.2	216.4	279.2	1,372	1,161	2,533	457	387	844
E08000037	Gateshead	North East	ENG	340.1	241.1	287.5	835	818	1,653	278	273	551
E09000001	City of London	London	ENG	112.4	77.7	95.0	11	8	19	4	3	6
E09000002	Barking and Dagenham	London	ENG	356.2	239.0	291.4	504	515	1,019	168	172	340
E09000003	Barnet	London	ENG	297.2	235.1	264.6	1,072	1,310	2,382	357	437	794
E09000004	Bexley	London	ENG	306.1	196.5	244.8	801	805	1,606	267	268	535
E09000005	Brent	London	ENG	350.3	236.5	289.1	871	759	1,630	290	253	543
E09000006	Bromley	London	ENG	288.7	189.1	232.3	1,072	1,111	2,183	357	370	728
E09000007	Camden	London	ENG	247.3	143.2	188.8	448	364	812	149	121	271
E09000008	Croydon	London	ENG	293.9	214.3	251.2	978	993	1,971	326	331	657
E09000009	Ealing	London	ENG	309.4	212.3	258.0	868	768	1,636	289	256	545
E09000010	Enfield	London	ENG	335.5	254.3	290.8	929	1,048	1,977	310	349	659
E09000011	Greenwich	London	ENG	285.7	198.0	238.4	547	541	1,088	182	180	363
E09000012	Hackney	London	ENG	326.6	246.6	287.2	476	415	891	159	138	297
E09000013	Hammersmith and Fulham	London	ENG	336.0	208.9	265.3	403	344	747	134	115	249
E09000014	Haringey	London	ENG	319.5	214.1	262.5	544	457	1,001	181	152	334
E09000015	Harrow	London	ENG	293.2	197.4	242.1	749	686	1,435	250	229	478
E09000016	Havering	London	ENG	279.0	184.8	226.0	819	887	1,706	273	296	569
E09000017	Hillingdon	London	ENG	298.9	237.3	269.7	807	866	1,673	269	289	558
E09000018	Hounslow	London	ENG	332.7	187.8	254.5	683	502	1,185	228	167	395
E09000019	Islington	London	ENG	329.1	214.3	267.6	456	377	833	152	126	278
E09000020	Kensington and Chelsea	London	ENG	220.4	139.6	176.6	320	262	582	107	87	194
E09000021	Kingston upon Thames	London	ENG	285.3	197.4	239.5	433	462	895	144	154	298
E09000022	Lambeth	London	ENG	312.9	213.0	257.9	564	504	1,068	188	168	356
E09000023	Lewisham	London	ENG	294.5	204.8	244.8	566	562	1,128	189	187	376
E09000024	Merton	London	ENG	311.7	206.1	254.1	522	504	1,026	174	168	342
E09000025	Newham	London	ENG	344.6	250.0	294.4	597	502	1,099	199	167	366
E09000026	Redbridge	London	ENG	326.6	213.5	263.7	810	767	1,577	270	256	526
E09000027	Richmond upon Thames	London	ENG	250.4	152.7	195.0	464	441	905	155	147	302
E09000028	Southwark	London	ENG	315.8	211.4	258.8	546	486	1,032	182	162	344
E09000029	Sutton	London	ENG	277.6	202.5	236.3	553	604	1,157	184	201	386
E09000030	Tower Hamlets	London	ENG	349.2	232.1	286.1	464	359	823	155	120	274
E09000031	Waltham Forest	London	ENG	316.8	208.7	258.9	621	570	1,191	207	190	397
E09000032	Wandsworth	London	ENG	343.0	238.8	284.0	646	666	1,312	215	222	437
E09000033	Westminster	London	ENG	261.4	169.4	212.7	517	413	930	172	138	310
N09000001	Antrim & Newtonabbey	Northern Ireland	NI	330.8	201.0	253.9	439	400	839	146	133	280
N09000002	Armagh, Banbridge & Craigavon	Northern Ireland	NI	312.0	238.8	271.7	582	641	1,223	194	214	408
N09000003	Belfast	Northern Ireland	NI	335.6	221.6	272.0	1,066	1,140	2,206	355	380	735
N09000004	Causeway Coast & Glens	Northern Ireland	NI	317.8	235.3	271.7	461	490	951	154	163	317
N09000005	Derry & Strabane	Northern Ireland	NI	319.6	210.7	261.2	417	350	767	139	117	256
N09000006	Fermanagh & Omagh	Northern Ireland	NI	313.8	210.0	258.6	366	338	704	122	113	235
N09000007	Lisburn & Castlereagh	Northern Ireland	NI	276.8	209.9	240.1	390	447	837	130	149	279
N09000008	Mid & East Antrim	Northern Ireland	NI	336.9	214.1	267.2	499	480	979	166	160	326
N09000009	Mid Ulster	Northern Ireland	NI	356.1	239.8	289.7	422	413	835	141	138	278
N09000010	Newry, Mourne & Down	Northern Ireland	NI	309.4	207.9	251.9	487	471	958	162	157	319
N09000011	North Down & Ards	Northern Ireland	NI	305.1	201.9	244.5	547	563	1,110	182	188	370
S12000005	Clackmannanshire	Scotland	SCO	385.6	287.8	334.2	217	218	435	72	73	145
S12000006	Dumfries & Galloway	Scotland	SCO	383.3	272.6	323.1	850	831	1,681	283	277	560
S12000008	East Ayrshire	Scotland	SCO	405.4	331.6	366.9	583	652	1,235	194	217	412
S12000010	East Lothian	Scotland	SCO	366.6	241.0	294.9	443	428	871	148	143	290
S12000011	East Renfrewshire	Scotland	SCO	314.1	224.4	263.4	347	397	744	116	132	248
S12000013	Eilean Siar	Scotland	SCO	365.2	228.5	288.0	144	139	283	48	46	94
S12000014	Falkirk	Scotland	SCO	379.7	261.5	314.7	665	631	1,296	222	210	432
S12000015	Fife	Scotland	SCO	367.0	255.9	305.5	1,604	1,587	3,191	535	529	1,064
S12000017	Highland	Scotland	SCO	377.8	255.0	311.0	1,121	1,063	2,184	374	354	728
S12000018	Inverclyde	Scotland	SCO	376.3	289.3	328.0	355	434	789	118	145	263
S12000019	Midlothian	Scotland	SCO	342.7	254.9	294.4	324	330	654	108	110	218
S12000020	Moray	Scotland	SCO	355.5	246.0	295.8	420	410	830	140	137	277
S12000021	North Ayrshire	Scotland	SCO	412.3	279.0	335.7	691	681	1,372	230	227	457
S12000023	Orkney Islands	Scotland	SCO	317.7	242.4	279.7	95	94	189	32	31	63
S12000024	Perth & Kinross	Scotland	SCO	308.2	240.3	272.3	633	738	1,371	211	246	457
S12000026	Scottish Borders	Scotland	SCO	377.3	259.1	312.5	611	587	1,198	204	196	399
S12000027	Shetland Islands	Scotland	SCO	465.6	266.7	353.1	122	97	219	41	32	73
S12000028	South Ayrshire	Scotland	SCO	377.6	285.8	327.8	613	678	1,291	204	226	430
S12000029	South Lanarkshire	Scotland	SCO	382.2	276.1	322.7	1,319	1,443	2,762	440	481	921
S12000030	Stirling	Scotland	SCO	404.0	268.8	325.7	407	402	809	136	134	270
S12000033	Aberdeen City	Scotland	SCO	403.7	282.6	337.9	891	956	1,847	297	319	616
S12000034	Aberdeenshire	Scotland	SCO	367.5	281.8	322.1	1,052	1,104	2,156	351	368	719
S12000035	Argyll & Bute	Scotland	SCO	366.4	254.8	305.5	456	469	925	152	156	308
S12000036	City of Edinburgh	Scotland	SCO	357.4	243.2	292.7	1,697	1,840	3,537	566	613	1,179
S12000038	Renfrewshire	Scotland	SCO	397.1	258.9	319.6	785	731	1,516	262	244	505
S12000039	West Dunbartonshire	Scotland	SCO	471.0	323.5	385.2	441	473	914	147	158	305
S12000040	West Lothian	Scotland	SCO	371.6	267.0	315.3	617	570	1,187	206	190	396
S12000041	Angus	Scotland	SCO	363.4	252.7	299.1	561	593	1,154	187	198	385
S12000042	Dundee City	Scotland	SCO	404.4	263.8	324.1	661	658	1,319	220	219	440
S12000044	North Lanarkshire	Scotland	SCO	437.4	277.3	346.5	1,468	1,283	2,751	489	428	917

LA Code	LA/DC/UA	Region/Nation	4N	ALL AGES								
				Age standardised CVD death rates per 100,000			Total number of CVD deaths 2013/15			Average number of annual CVD deaths 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
S12000045	East Dunbartonshire	Scotland	SCO	284.0	199.6	237.2	407	415	822	136	138	274
S12000046	Glasgow City	Scotland	SCO	450.4	291.6	361.8	2,384	2,435	4,819	795	812	1,606
W06000001	Isle of Anglesey / Ynys Môn	Wales / Cymru	WAL	341.9	223.0	275.3	345	353	698	115	118	233
W06000002	Gwynedd	Wales / Cymru	WAL	322.4	221.1	266.0	551	589	1,140	184	196	380
W06000003	Conwy	Wales / Cymru	WAL	334.5	220.7	271.2	656	667	1,323	219	222	441
W06000004	Denbighshire / Sir Ddinbych	Wales / Cymru	WAL	384.4	269.8	324.3	533	509	1,042	178	170	347
W06000005	Flintshire / Sir y Fflint	Wales / Cymru	WAL	352.7	242.0	295.4	668	604	1,272	223	201	424
W06000006	Wrexham / Wrecsam	Wales / Cymru	WAL	333.7	243.3	285.1	545	538	1,083	182	179	361
W06000008	Ceredigion	Wales / Cymru	WAL	326.5	249.0	285.4	358	388	746	119	129	249
W06000009	Pembrokeshire / Sir Benfro	Wales / Cymru	WAL	337.1	240.4	284.6	628	634	1,262	209	211	421
W06000010	Carmarthenshire / Sir Gaerfyrddin	Wales / Cymru	WAL	374.2	295.3	334.2	991	1,118	2,109	330	373	703
W06000011	Swansea / Abertawe	Wales / Cymru	WAL	368.8	231.1	292.0	1,092	1,010	2,102	364	337	701
W06000012	Neath Port Talbot / Castell-nedd Port Talbot	Wales / Cymru	WAL	366.3	237.3	296.2	656	611	1,267	219	204	422
W06000013	Bridgend / Pen-y-bont ar Ogwr	Wales / Cymru	WAL	348.0	239.7	288.1	589	568	1,157	196	189	386
W06000014	The Vale of Glamorgan / Bro Morgannwg	Wales / Cymru	WAL	305.1	181.5	232.1	475	435	910	158	145	303
W06000015	Cardiff / Caerdydd	Wales / Cymru	WAL	329.6	192.5	251.4	1,062	965	2,027	354	322	676
W06000016	Rhondda Cynon Taf / Rhondda Cynon Taf	Wales / Cymru	WAL	379.0	244.5	304.2	1,027	932	1,959	342	311	653
W06000018	Caerphilly / Caerffili	Wales / Cymru	WAL	377.6	264.3	317.1	764	722	1,486	255	241	495
W06000019	Blaenau Gwent	Wales / Cymru	WAL	450.4	302.7	369.3	370	346	716	123	115	239
W06000020	Torfaen / Tor-faen	Wales / Cymru	WAL	367.7	246.3	301.2	414	409	823	138	136	274
W06000021	Monmouthshire / Sir Fynwy	Wales / Cymru	WAL	338.5	205.1	263.6	460	405	865	153	135	288
W06000022	Newport / Casnewydd	Wales / Cymru	WAL	352.7	253.1	299.7	585	589	1,174	195	196	391
W06000023	Powys	Wales / Cymru	WAL	328.6	224.8	272.6	706	692	1,398	235	231	466
W06000024	Merthyr Tydfil / Merthyr Tudful	Wales / Cymru	WAL	385.8	268.9	322.5	266	248	514	89	83	171

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics
Scotland: Rates calculated in partnership with the General Register Office for Scotland.
Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Fig 1.19a ALL (jpeg)

Age-standardised CVD death rates, by local authority, United Kingdom 2013/15

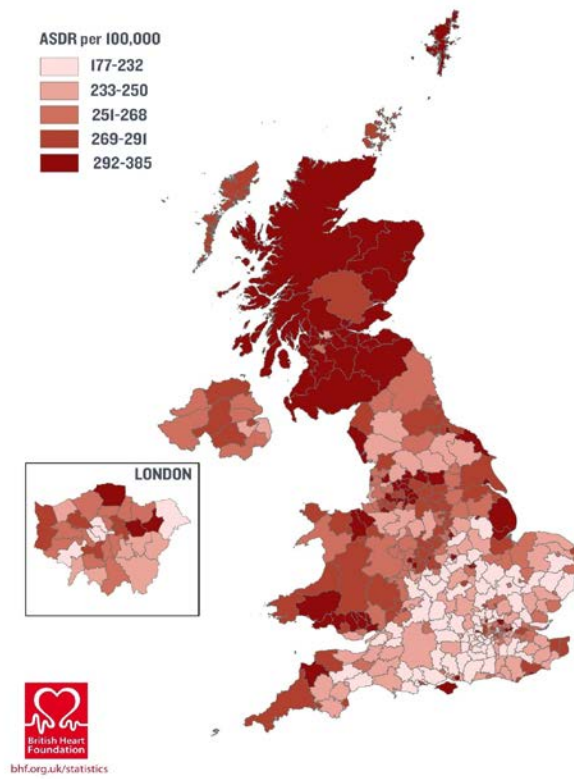


Fig 1.19b MEN (jpeg)

Age-standardised CVD death rates (men), by local authority, United Kingdom 2013/15

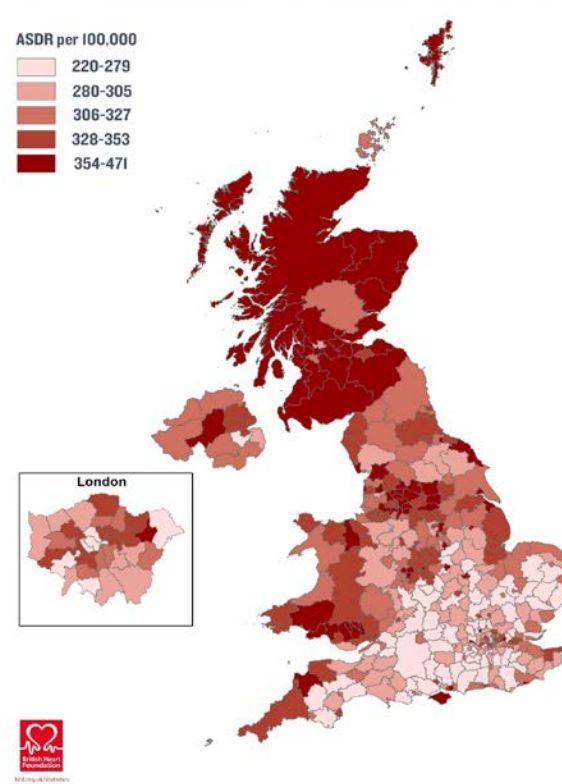


Fig 1.19c WOMEN (jpeg)

Age-standardised CVD death rates (women), by local authority, United Kingdom 2013/15

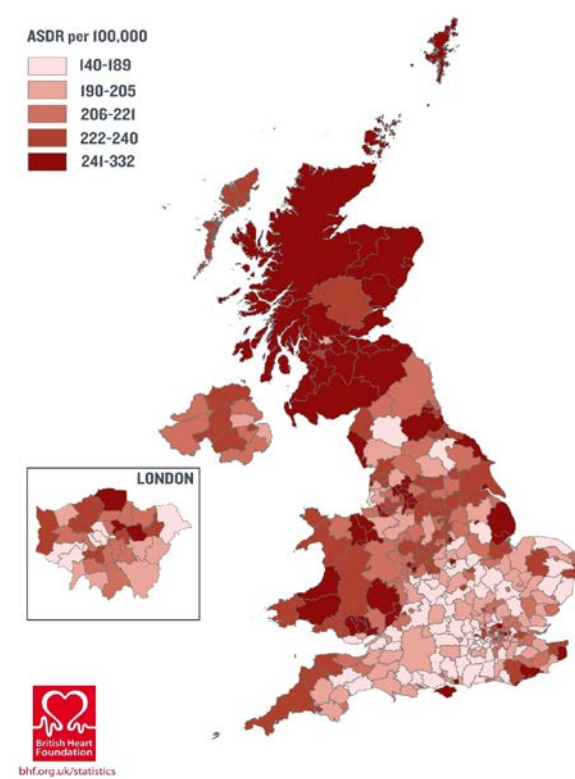


Table 1.20 Age-standardised death rates per 100,000 for cardiovascular disease (CVD), under 75s by local authority, United Kingdom 2013/2015

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CVD death rates per 100,000			Total number of premature CVD deaths 2013/15			Average number of annual CVD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E06000001	Hartlepool	North East	ENG	112.7	55.1	83.2	143	72	215	48	24	72
E06000002	Middlesbrough	North East	ENG	128.5	60.2	93.2	217	109	326	72	36	109
E06000003	Redcar and Cleveland	North East	ENG	113.0	49.4	80.0	236	111	347	79	37	116
E06000004	Stockton-on-Tees	North East	ENG	101.3	49.2	74.5	258	132	390	86	44	130
E06000005	Darlington	North East	ENG	103.1	38.7	70.2	155	59	214	52	20	71
E06000006	Halton	North West	ENG	109.8	60.5	84.5	193	109	302	64	36	101
E06000007	Warrington	North West	ENG	97.2	44.3	69.9	276	134	410	92	45	137
E06000008	Blackburn with Darwen	North West	ENG	140.7	63.6	101.8	249	112	361	83	37	120
E06000009	Blackpool	North West	ENG	145.9	73.3	109.2	305	154	459	102	51	153
E06000010	Kingston upon Hull, City of	Yorkshire & The Humber	ENG	137.0	60.5	98.1	416	187	603	139	62	201
E06000011	East Riding of Yorkshire	Yorkshire & The Humber	ENG	91.7	43.2	66.7	524	264	788	175	88	263
E06000012	North East Lincolnshire	Yorkshire & The Humber	ENG	121.6	46.6	83.3	272	109	381	91	36	127
E06000013	North Lincolnshire	Yorkshire & The Humber	ENG	99.2	44.2	71.2	252	117	369	84	39	123
E06000014	York	Yorkshire & The Humber	ENG	91.7	35.2	62.0	232	99	331	77	33	110
E06000015	Derby	East Midlands	ENG	114.3	47.6	80.0	337	148	485	112	49	162
E06000016	Leicester	East Midlands	ENG	150.2	58.1	103.0	494	195	689	165	65	230
E06000017	Rutland	East Midlands	ENG	64.3	23.1	43.3	40	15	55	13	5	18
E06000018	Nottingham	East Midlands	ENG	132.8	68.6	100.1	392	212	604	131	71	201
E06000019	Herefordshire, County of	West Midlands	ENG	85.1	34.7	59.4	261	112	373	87	37	124
E06000020	Telford and Wrekin	West Midlands	ENG	97.1	46.3	71.2	220	108	328	73	36	109
E06000021	Stoke-on-Trent	West Midlands	ENG	110.9	47.0	78.7	367	159	526	122	53	175
E06000022	Bath and North East Somerset	South West	ENG	70.7	27.9	48.5	169	71	240	56	24	80
E06000023	Bristol, City of	South West	ENG	106.2	44.8	75.0	488	211	699	163	70	233
E06000024	North Somerset	South West	ENG	73.5	34.4	53.3	240	120	360	80	40	120
E06000025	South Gloucestershire	South West	ENG	76.7	32.6	54.1	286	127	413	95	42	138
E06000026	Plymouth	South West	ENG	104.8	47.8	75.6	354	172	526	118	57	175
E06000027	Torbay	South West	ENG	101.5	42.0	70.8	223	103	326	74	34	109
E06000028	Bournemouth	South West	ENG	111.4	41.6	76.3	263	100	363	88	33	121
E06000029	Poole	South West	ENG	66.6	37.7	51.7	147	88	235	49	29	78
E06000030	Swindon	South West	ENG	98.3	39.7	68.5	260	107	367	87	36	122
E06000031	Peterborough	East of England	ENG	104.2	49.7	76.2	224	111	335	75	37	112
E06000032	Luton	East of England	ENG	131.7	50.9	90.7	284	109	393	95	36	131
E06000033	Southend-on-Sea	East of England	ENG	105.8	47.2	75.8	255	119	374	85	40	125
E06000034	Thurrock	East of England	ENG	110.6	55.8	82.2	201	108	309	67	36	103
E06000035	Medway	South East	ENG	98.9	46.6	72.4	345	165	510	115	55	170
E06000036	Bracknell Forest	South East	ENG	80.0	36.2	57.5	106	51	157	35	17	52
E06000037	West Berkshire	South East	ENG	70.5	22.7	46.2	153	49	202	51	16	67
E06000038	Reading	South East	ENG	101.5	49.6	75.0	154	78	232	51	26	77
E06000039	Slough	South East	ENG	137.6	55.2	95.7	179	72	251	60	24	84
E06000040	Windsor and Maidenhead	South East	ENG	81.9	22.7	51.5	159	46	205	53	15	68
E06000041	Wokingham	South East	ENG	65.0	33.3	48.9	141	72	213	47	24	71
E06000042	Milton Keynes	South East	ENG	92.7	32.4	61.6	271	98	369	90	33	123
E06000043	Brighton and Hove	South East	ENG	84.9	37.2	60.9	255	112	367	85	37	122
E06000044	Portsmouth	South East	ENG	131.8	50.9	90.9	298	116	414	99	39	138
E06000045	Southampton	South East	ENG	113.2	43.9	78.1	289	113	402	96	38	134
E06000046	Isle of Wight	South East	ENG	100.0	35.0	66.5	240	91	331	80	30	110
E06000047	County Durham	North East	ENG	98.8	52.5	75.1	761	423	1,184	254	141	395
E06000049	Cheshire East	North West	ENG	88.2	40.2	63.7	513	245	758	171	82	253
E06000050	Cheshire West and Chester	North West	ENG	84.9	36.9	60.4	422	192	614	141	64	205
E06000051	Shropshire	West Midlands	ENG	80.8	36.7	58.2	408	198	606	136	66	202
E06000052	Cornwall and Isles of Scilly	South West	ENG	89.6	40.4	64.2	814	392	1,206	271	131	402
E06000054	Wiltshire	South West	ENG	76.4	30.3	52.7	543	229	772	181	76	257
E06000055	Bedford	East of England	ENG	82.4	35.0	58.4	176	76	252	59	25	84
E06000056	Central Bedfordshire	East of England	ENG	77.0	40.0	58.2	282	152	434	94	51	145
E06000057	Northumberland	North East	ENG	86.5	40.1	62.6	454	222	676	151	74	225
E07000004	Aylesbury Vale	South East	ENG	74.8	26.6	50.1	181	66	247	60	22	82
E07000005	Chiltern	South East	ENG	48.7	24.8	36.3	67	37	104	22	12	35
E07000006	South Bucks	South East	ENG	69.2	29.4	48.4	66	31	97	22	10	32
E07000007	Wymcombe	South East	ENG	68.1	24.8	46.0	158	59	217	53	20	72
E07000008	Cambridge	East of England	ENG	91.3	39.7	64.9	105	46	151	35	15	50
E07000009	East Cambridgeshire	East of England	ENG	73.5	36.9	54.9	92	46	138	31	15	46
E07000010	Fenland	East of England	ENG	108.0	40.6	73.7	164	63	227	55	21	76
E07000011	Huntingdonshire	East of England	ENG	77.3	29.4	53.0	196	76	272	65	25	91
E07000012	South Cambridgeshire	East of England	ENG	67.9	20.5	43.7	147	46	193	49	15	64
E07000026	Allerdale	North West	ENG	92.3	47.6	69.7	151	78	229	50	26	76
E07000027	Barrow-in-Furness	North West	ENG	109.3	63.5	86.3	118	70	188	39	23	63
E07000028	Carlisle	North West	ENG	89.5	43.5	66.2	147	72	219	49	24	73
E07000029	Copeland	North West	ENG	98.4	60.5	79.6	113	68	181	38	23	60
E07000030	Eden	North West	ENG	82.3	26.7	54.6	78	24	102	26	8	34
E07000031	South Lakeland	North West	ENG	65.8	30.6	48.0	126	58	184	42	19	61
E07000032	Amber Valley	East Midlands	ENG	98.2	43.6	70.7	195	90	285	65	30	95
E07000033	Bolsover	East Midlands	ENG	97.5	44.4	70.8	115	53	168	38	18	56
E07000034	Chesterfield	East Midlands	ENG	108.0	55.4	81.2	168	88	256	56	29	85
E07000035	Derbyshire Dales	East Midlands	ENG	64.9	30.1	47.2	84	41	125	28	14	42
E07000036	Erewash	East Midlands	ENG	88.3	45.4	66.4	145	77	222	48	26	74
E07000037	High Peak	East Midlands	ENG	98.0	41.6	69.1	137	61	198	46	20	66
E07000038	North East Derbyshire	East Midlands	ENG	81.1	34.2	57.1	138	63	201	46	21	67
E07000039	South Derbyshire	East Midlands	ENG	86.2	34.1	60.0	123	49	172	41	16	57
E07000040	East Devon	South West	ENG	63.2	23.9	42.6	151	63	214	50	21	71
E07000041	Exeter	South West	ENG	98.6	29.2	61.9	132	44	176	44	15	59
E07000042	Mid Devon	South West	ENG	62.0	25.1	43.3	82	33	115	27	11	38
E07000043	North Devon	South West	ENG	93.1	34.8	62.8	145	58	203	48	19	68
E07000044	South Hams	South West	ENG	69.8	21.6	44.7	110	36	146	37	12	49
E07000045	Teignbridge	South West	ENG	84.7	34.4	58.5	181	81	262	60	27	87
E07000046	Torridge	South West	ENG	94.3	25.8	59.5	113	32	145	38	11	48
E07000047	West Devon	South West	ENG	71.9	30.0	50.5	72	32	104	24	11	35
E07000048	Christchurch	South West	ENG	70.9	29.4	48.9	60	29	89	20	10	30
E07000049	East Dorset	South West	ENG	55.3	19.9	36.8	86	36	122	29	12	41
E07000050	North Dorset	South West	ENG	61.5	15.4	37.7	73	20	93	24	7	31
E07000051	Purbeck	South West	ENG	69.9	34.3	51.6	59	29	88	20	10	29
E07000052	West Dorset	South West	ENG	78.2	24.4	50.0	145	50	195	48	17	65
E07000053	Weymouth and Portland	South West	ENG	90.4	32.9	61.2	99	38	137	33	13	46
E07000061	Eastbourne	South East	ENG	74.4	34.3	53.3	110	55	165	37	18	55
E07000062	Hastings	South East	ENG	112.6	52.2	81.8	144	70	214	48	23	71
E07000063	Lewes	South East	ENG	75.2	31.8	52.5	117	56	173	39	19	58
E07000064	Rother	South East	ENG	74.5	29.7	50.9	126	56	182	42	19	61
E07000065	Wealden	South East	ENG	49.9	27.1	38.0	130	79	209	43	26	70
E07000066	Basildon	East of England	ENG	93.9	41.3	66.3	214	104	318	71	35	106
E07000067	Braintree	East of England	ENG	76.5	37.3	56.2	165	83	248	55	28	83

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CVD death rates per 100,000			Total number of premature CVD deaths 2013/15			Average number of annual CVD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000068	Brentwood	East of England	ENG	65.9	35.9	50.4	69	40	109	23	13	36
E07000069	Castle Point	East of England	ENG	84.6	31.1	56.7	125	52	177	42	17	59
E07000070	Chelmsford	East of England	ENG	72.4	30.2	50.6	170	75	245	57	25	82
E07000071	Colchester	East of England	ENG	81.9	35.7	57.9	187	89	276	62	30	92
E07000072	Epping Forest	East of England	ENG	76.5	31.4	53.2	136	59	195	45	20	65
E07000073	Harlow	East of England	ENG	102.1	48.4	74.5	102	49	151	34	16	50
E07000074	Maldon	East of England	ENG	67.6	26.0	46.6	74	31	105	25	10	35
E07000075	Rochford	East of England	ENG	75.1	28.5	51.0	100	42	142	33	14	47
E07000076	Tendring	East of England	ENG	90.1	46.9	67.5	224	131	355	75	44	118
E07000077	Uttlesford	East of England	ENG	61.8	26.7	44.2	76	32	108	25	11	36
E07000078	Cheltenham	South West	ENG	82.5	39.4	59.9	119	61	180	40	20	60
E07000079	Cotswold	South West	ENG	69.9	26.7	47.6	100	41	141	33	14	47
E07000080	Forest of Dean	South West	ENG	81.5	44.9	63.0	118	65	183	39	22	61
E07000081	Gloucester	South West	ENG	112.4	47.9	79.1	175	81	256	58	27	85
E07000082	Stroud	South West	ENG	65.8	27.9	46.4	121	54	175	40	18	58
E07000083	Tewkesbury	South West	ENG	89.7	30.0	58.8	119	43	162	40	14	54
E07000084	Basingstoke and Deane	South East	ENG	87.8	35.7	61.2	199	85	284	66	28	95
E07000085	East Hampshire	South East	ENG	59.3	25.6	41.8	111	50	161	37	17	54
E07000086	Eastleigh	South East	ENG	63.8	36.9	49.8	110	69	179	37	23	60
E07000087	Fareham	South East	ENG	66.2	26.2	45.5	118	51	169	39	17	56
E07000088	Gosport	South East	ENG	100.8	50.0	74.9	117	59	176	39	20	59
E07000089	Hart	South East	ENG	57.6	23.2	39.8	75	34	109	25	11	36
E07000090	Havant	South East	ENG	88.3	47.4	67.0	162	96	258	54	32	86
E07000091	New Forest	South East	ENG	62.3	27.3	44.0	190	92	282	63	31	94
E07000092	Rushmoor	South East	ENG	83.0	39.9	61.5	93	43	136	31	14	45
E07000093	Test Valley	South East	ENG	62.9	33.4	47.7	115	63	178	38	21	59
E07000094	Winchester	South East	ENG	61.2	23.5	41.7	102	43	145	34	14	48
E07000095	Broxbourne	East of England	ENG	97.3	37.6	66.1	118	50	168	39	17	56
E07000096	Dacorum	East of England	ENG	73.5	35.2	53.8	139	70	209	46	23	70
E07000098	Hertsmere	East of England	ENG	81.2	36.8	57.8	104	52	156	35	17	52
E07000099	North Hertfordshire	East of England	ENG	78.3	38.6	58.1	138	69	207	46	23	69
E07000102	Three Rivers	East of England	ENG	71.1	29.8	49.9	85	37	122	28	12	41
E07000103	Watford	East of England	ENG	110.2	34.3	71.6	107	33	140	36	11	47
E07000105	Ashford	South East	ENG	67.1	31.4	48.6	115	58	173	38	19	58
E07000106	Canterbury	South East	ENG	87.0	38.3	61.6	183	88	271	61	29	90
E07000107	Dartford	South East	ENG	112.5	45.8	78.4	130	55	185	43	18	62
E07000108	Dover	South East	ENG	83.1	47.9	65.2	153	88	241	51	29	80
E07000109	Gravesham	South East	ENG	95.5	47.7	71.1	129	65	194	43	22	65
E07000110	Maidstone	South East	ENG	78.7	34.4	56.1	177	80	257	59	27	86
E07000111	Sevenoaks	South East	ENG	56.8	27.8	41.7	96	51	147	32	17	49
E07000112	Shepway	South East	ENG	87.0	38.1	61.9	153	69	222	51	23	74
E07000113	Swale	South East	ENG	98.6	35.4	66.5	204	75	279	68	25	93
E07000114	Thanet	South East	ENG	107.8	46.3	75.7	227	106	333	76	35	111
E07000115	Tonbridge and Malling	South East	ENG	75.3	30.6	52.0	129	55	184	43	18	61
E07000116	Tunbridge Wells	South East	ENG	56.9	33.9	45.0	89	56	145	30	19	48
E07000117	Burnley	North West	ENG	119.8	73.2	96.1	146	92	238	49	31	79
E07000118	Chorley	North West	ENG	93.4	45.2	69.1	159	77	236	53	26	79
E07000119	Fylde	North West	ENG	99.7	32.5	65.2	131	48	179	44	16	60
E07000120	Hyndburn	North West	ENG	127.4	58.5	92.4	140	66	206	47	22	69
E07000121	Lancaster	North West	ENG	102.5	50.9	76.1	201	104	305	67	35	102
E07000122	Pendle	North West	ENG	124.4	50.7	86.9	155	66	221	52	22	74
E07000123	Preston	North West	ENG	125.2	54.1	89.5	203	87	290	68	29	97
E07000124	Ribble Valley	North West	ENG	83.8	29.6	56.2	81	30	111	27	10	37
E07000125	Rossendale	North West	ENG	133.3	55.8	94.3	132	55	187	44	18	62
E07000126	South Ribble	North West	ENG	77.1	43.7	59.9	124	76	200	41	25	67
E07000127	West Lancashire	North West	ENG	92.0	37.1	63.4	157	68	225	52	23	75
E07000128	Wyre	North West	ENG	107.3	52.0	78.6	198	105	303	66	35	101
E07000129	Blaby	East Midlands	ENG	65.6	34.8	49.7	90	51	141	30	17	47
E07000130	Charmwood	East Midlands	ENG	75.7	37.7	56.4	178	90	268	59	30	89
E07000131	Harborough	East Midlands	ENG	80.7	31.5	55.9	111	43	154	37	14	51
E07000132	Hinckley and Bosworth	East Midlands	ENG	78.1	33.5	55.3	132	58	190	44	19	63
E07000133	Melton	East Midlands	ENG	74.3	27.1	50.6	61	22	83	20	7	28
E07000134	North West Leicestershire	East Midlands	ENG	88.9	34.9	61.9	133	52	185	44	17	62
E07000135	Oadby and Wigston	East Midlands	ENG	72.4	40.4	56.0	57	34	91	19	11	30
E07000136	Boston	East Midlands	ENG	106.0	47.0	75.9	104	49	153	35	16	51
E07000137	East Lindsey	East Midlands	ENG	117.0	54.8	85.2	316	155	471	105	52	157
E07000138	Lincoln	East Midlands	ENG	130.9	59.8	94.7	142	67	209	47	22	70
E07000139	North Kesteven	East Midlands	ENG	69.6	32.6	50.5	125	63	188	42	21	63
E07000140	South Holland	East Midlands	ENG	105.1	51.8	77.9	154	79	233	51	26	78
E07000141	South Kesteven	East Midlands	ENG	88.5	35.4	61.2	193	81	274	64	27	91
E07000142	West Lindsey	East Midlands	ENG	103.8	35.7	69.3	166	58	224	55	19	75
E07000143	Breckland	East of England	ENG	70.5	42.5	56.2	154	95	249	51	32	83
E07000144	Broadland	East of England	ENG	64.0	22.9	42.8	134	52	186	45	17	62
E07000145	Great Yarmouth	East of England	ENG	105.8	43.0	73.9	168	72	240	56	24	80
E07000146	King's Lynn and West Norfolk	East of England	ENG	80.1	33.6	55.9	200	91	291	67	30	97
E07000147	North Norfolk	East of England	ENG	81.6	25.0	52.5	166	52	218	55	17	73
E07000148	Norwich	East of England	ENG	98.8	44.8	71.1	148	70	218	49	23	73
E07000149	South Norfolk	East of England	ENG	62.0	31.7	46.5	132	72	204	44	24	68
E07000150	Corby	East Midlands	ENG	152.1	54.4	101.2	117	44	161	39	15	54
E07000151	Daventry	East Midlands	ENG	75.3	25.5	50.3	97	32	129	32	11	43
E07000152	East Northamptonshire	East Midlands	ENG	88.7	33.9	61.0	120	46	166	40	15	55
E07000153	Kettering	East Midlands	ENG	91.3	36.3	63.2	123	49	172	41	16	57
E07000154	Northampton	East Midlands	ENG	111.8	49.5	79.9	288	130	418	96	43	139
E07000155	South Northamptonshire	East Midlands	ENG	67.5	26.6	46.9	91	37	128	30	12	43
E07000156	Wellingborough	East Midlands	ENG	89.9	43.3	66.0	98	49	147	33	16	49
E07000163	Craven	Yorkshire & The Humber	ENG	47.4	35.0	40.9	45	37	82	15	12	27
E07000164	Hambleton	Yorkshire & The Humber	ENG	74.4	24.4	48.7	115	40	155	38	13	52
E07000165	Harrogate	Yorkshire & The Humber	ENG	75.5	31.4	52.5	178	80	258	59	27	86
E07000166	Richmondshire	Yorkshire & The Humber	ENG	65.6	32.4	48.8	51	26	77	17	9	26
E07000167	Ryedale	Yorkshire & The Humber	ENG	57.8	32.2	45.0	56	32	88	19	11	29
E07000168	Scarborough	Yorkshire & The Humber	ENG	102.5	44.2	72.1	190	90	280	63	30	93
E07000169	Selby	Yorkshire & The Humber	ENG	103.1	43.0	72.3	132	58	190	44	19	63
E07000170	Ashfield	East Midlands	ENG	97.0	41.5	68.9	174	78	252	58	26	84
E07000171	Bassetlaw	East Midlands	ENG	89.3	43.1	65.8	162	80	242	54	27	81
E07000172	Broxtowe	East Midlands	ENG	76.4	37.3	56.2	124	64	188	41	21	63
E07000173	Gedling	East Midlands	ENG	81.8	32.3	56.1	136	59	195	45	20	65
E07000174	Mansfield	East Midlands	ENG	103.7	50.9	76.9	157	80	237	52	27	79
E07000175	Newark and Sherwood	East Midlands	ENG	93.8	33.5	63.0	171	65	236	57	22	79
E07000176	Rushcliffe	East Midlands	ENG	65.3	19.8	42.0	108	34	142	36	11	47
E07000177	Chenwell	South East	ENG	78.5	29.0	53.3	149	56	205	50	19	68
E07000178	Oxford	South East	ENG	84.7	29.5	56.4	120	42	162	40	14	54
E07000179	South Oxfordshire	South East	ENG	67.0	32.3	49.2	133	68	201	44	23	67

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CVD death rates per 100,000			Total number of premature CVD deaths 2013/15			Average number of annual CVD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000180	Vale of White Horse	South East	ENG	58.9	23.8	40.9	105	45	150	35	15	50
E07000181	West Oxfordshire	South East	ENG	64.5	29.1	46.1	100	47	147	33	16	49
E07000187	Mendip	South West	ENG	75.1	34.3	54.0	129	64	193	43	21	64
E07000188	Sedgemoor	South West	ENG	91.8	37.0	63.8	176	74	250	59	25	83
E07000189	South Somerset	South West	ENG	80.2	36.9	58.0	218	103	321	73	34	107
E07000190	Taunton Deane	South West	ENG	89.1	33.3	60.1	149	60	209	50	20	70
E07000191	West Somerset	South West	ENG	64.7	36.0	50.0	47	28	75	16	9	25
E07000192	Cannock Chase	West Midlands	ENG	105.7	50.5	77.7	148	72	220	49	24	73
E07000193	East Staffordshire	West Midlands	ENG	84.1	47.9	65.8	136	80	216	45	27	72
E07000194	Lichfield	West Midlands	ENG	83.4	40.4	61.4	144	74	218	48	25	73
E07000195	Newcastle-under-Lyme	West Midlands	ENG	93.4	46.6	69.6	172	90	262	57	30	87
E07000196	South Staffordshire	West Midlands	ENG	62.7	28.4	45.2	117	55	172	39	18	57
E07000197	Stafford	West Midlands	ENG	79.8	34.8	57.0	165	75	240	55	25	80
E07000198	Staffordshire Moorlands	West Midlands	ENG	68.5	37.2	52.7	118	65	183	39	22	61
E07000199	Tamworth	West Midlands	ENG	101.6	44.8	72.6	111	50	161	37	17	54
E07000200	Babergh	East of England	ENG	66.3	33.6	49.2	99	55	154	33	18	51
E07000201	Forest Heath	East of England	ENG	108.7	23.1	64.7	86	19	105	29	6	35
E07000202	Ipswich	East of England	ENG	108.3	32.8	69.8	172	55	227	57	18	76
E07000203	Mid Suffolk	East of England	ENG	64.2	25.3	44.5	108	43	151	36	14	50
E07000204	St Edmundsbury	East of England	ENG	61.0	28.3	44.1	103	52	155	34	17	52
E07000205	Suffolk Coastal	East of England	ENG	70.2	29.2	49.1	149	68	217	50	23	72
E07000206	Waveney	East of England	ENG	96.1	39.9	67.1	187	83	270	62	28	90
E07000207	Elmbridge	South East	ENG	76.0	20.5	46.8	127	37	164	42	12	55
E07000208	Epsom and Ewell	South East	ENG	68.7	29.6	48.4	69	31	100	23	10	33
E07000209	Guildford	South East	ENG	68.5	35.6	51.6	117	65	182	39	22	61
E07000210	Mole Valley	South East	ENG	73.8	27.0	49.7	98	39	137	33	13	46
E07000211	Reigate and Banstead	South East	ENG	79.5	40.3	59.3	147	78	225	49	26	75
E07000212	Runnymede	South East	ENG	77.7	30.4	53.8	83	32	115	28	11	38
E07000213	Spelthorne	South East	ENG	85.0	33.8	58.7	110	46	156	37	15	52
E07000214	Surrey Heath	South East	ENG	70.4	16.9	43.3	87	21	108	29	7	36
E07000215	Tandridge	South East	ENG	78.9	27.3	52.2	97	36	133	32	12	44
E07000216	Waverley	South East	ENG	62.5	27.4	44.2	109	53	162	36	18	54
E07000217	Woking	South East	ENG	71.5	25.8	48.3	89	34	123	30	11	41
E07000218	North Warwickshire	West Midlands	ENG	75.9	45.6	60.8	77	48	125	26	16	42
E07000219	Nuneaton and Bedworth	West Midlands	ENG	99.4	39.2	68.7	181	74	255	60	25	85
E07000220	Rugby	West Midlands	ENG	78.0	49.2	63.5	114	74	188	38	25	63
E07000221	Stratford-on-Avon	West Midlands	ENG	73.0	30.1	51.0	153	65	218	51	22	73
E07000222	Warwick	West Midlands	ENG	86.6	31.9	58.6	158	62	220	53	21	73
E07000223	Adur	South East	ENG	88.7	34.8	60.6	83	36	119	28	12	40
E07000224	Arun	South East	ENG	92.2	37.4	63.3	235	111	346	78	37	115
E07000225	Chichester	South East	ENG	69.3	34.0	50.6	134	70	204	45	23	68
E07000226	Crawley	South East	ENG	89.3	46.2	67.4	105	54	159	35	18	53
E07000227	Horsham	South East	ENG	63.5	30.2	46.4	132	66	198	44	22	66
E07000228	Mid Sussex	South East	ENG	64.7	22.4	42.8	129	48	177	43	16	59
E07000229	Worthing	South East	ENG	110.3	39.4	73.1	165	65	230	55	22	77
E07000234	Bromsgrove	West Midlands	ENG	75.5	20.9	47.5	112	32	144	37	11	48
E07000235	Malvern Hills	West Midlands	ENG	70.2	39.6	54.5	95	56	151	32	19	50
E07000236	Redditch	West Midlands	ENG	107.0	37.3	72.1	129	44	173	43	15	58
E07000237	Worcester	West Midlands	ENG	102.1	40.1	70.4	126	52	178	42	17	59
E07000238	Wychavon	West Midlands	ENG	63.9	35.7	49.6	131	74	205	44	25	68
E07000239	Wyre Forest	West Midlands	ENG	96.0	44.6	69.9	160	77	237	53	26	79
E07000240	St Albans	East of England	ENG	70.3	32.9	51.1	125	61	186	42	20	62
E07000241	Welwyn Hatfield	East of England	ENG	90.8	38.3	63.7	117	52	169	39	17	56
E07000242	East Hertfordshire	East of England	ENG	79.6	27.5	52.9	148	52	200	49	17	67
E07000243	Stevenage	East of England	ENG	104.7	51.8	77.8	104	55	159	35	18	53
E08000001	Bolton	North West	ENG	113.6	51.9	82.0	419	198	617	140	66	206
E08000002	Bury	North West	ENG	102.0	54.6	77.6	259	147	406	86	49	135
E08000003	Manchester	North West	ENG	167.8	85.1	125.2	710	377	1,087	237	126	362
E08000004	Oldham	North West	ENG	134.7	57.5	94.6	380	174	554	127	58	185
E08000005	Rochdale	North West	ENG	127.7	60.9	93.6	348	171	519	116	57	173
E08000006	Salford	North West	ENG	140.4	58.9	99.5	398	168	566	133	56	189
E08000007	Stockport	North West	ENG	83.0	38.2	60.2	340	162	502	113	54	167
E08000008	Tameside	North West	ENG	141.7	68.5	104.7	431	213	644	144	71	215
E08000009	Trafford	North West	ENG	91.5	42.5	66.2	266	132	398	89	44	133
E08000010	Wigan	North West	ENG	115.5	53.4	84.2	548	253	801	183	84	267
E08000011	Knowsley	North West	ENG	126.5	67.4	95.3	234	135	369	78	45	123
E08000012	Liverpool	North West	ENG	118.8	59.9	88.4	641	339	980	214	113	327
E08000013	St. Helens	North West	ENG	118.7	52.0	84.4	312	144	456	104	48	152
E08000014	Sefton	North West	ENG	103.0	41.4	70.5	422	189	611	141	63	204
E08000015	Wirral	North West	ENG	105.5	46.4	74.7	496	239	735	165	80	245
E08000016	Barnsley	Yorkshire & The Humber	ENG	111.9	49.6	80.5	389	173	562	130	58	187
E08000017	Doncaster	Yorkshire & The Humber	ENG	106.4	48.4	76.8	452	211	663	151	70	221
E08000018	Rotherham	Yorkshire & The Humber	ENG	110.1	50.5	79.8	415	197	612	138	66	204
E08000019	Sheffield	Yorkshire & The Humber	ENG	109.0	43.6	75.4	730	308	1,038	243	103	346
E08000021	Newcastle upon Tyne	North East	ENG	121.0	52.6	86.2	382	171	553	127	57	184
E08000022	North Tyneside	North East	ENG	113.6	41.0	75.6	320	125	445	107	42	148
E08000023	South Tyneside	North East	ENG	105.9	44.7	74.3	226	101	327	75	34	109
E08000024	Sunderland	North East	ENG	105.6	60.3	81.9	407	251	658	136	84	219
E08000025	Birmingham	West Midlands	ENG	129.5	53.1	90.0	1,445	625	2,070	482	208	690
E08000026	Coventry	West Midlands	ENG	115.0	46.2	79.8	423	178	601	141	59	200
E08000027	Dudley	West Midlands	ENG	91.7	42.7	66.7	418	203	621	139	68	207
E08000028	Sandwell	West Midlands	ENG	130.0	65.5	97.1	482	252	734	161	84	245
E08000029	Solihull	West Midlands	ENG	78.0	31.3	53.8	234	102	336	78	34	112
E08000030	Walsall	West Midlands	ENG	126.7	48.2	86.5	453	183	636	151	61	212
E08000031	Wolverhampton	West Midlands	ENG	125.7	60.1	92.1	392	196	588	131	65	196
E08000032	Bradford	Yorkshire & The Humber	ENG	129.0	58.5	92.7	762	361	1,123	254	120	374
E08000033	Calderdale	Yorkshire & The Humber	ENG	111.2	53.3	81.8	324	158	482	108	53	161
E08000034	Kirklees	Yorkshire & The Humber	ENG	100.7	44.0	71.6	564	259	823	188	86	274
E08000035	Leeds	Yorkshire & The Humber	ENG	113.7	46.7	79.0	1,004	440	1,444	335	147	481
E08000036	Wakefield	Yorkshire & The Humber	ENG	116.6	48.5	81.9	559	240	799	186	80	266
E08000037	Gateshead	North East	ENG	119.5	49.9	83.7	329	145	474	110	48	158
E09000001	City of London	London	ENG	45.0	22.2	34.4	5	2	7	2	1	2
E09000002	Barking and Dagenham	London	ENG	134.2	64.8	97.6	227	121	348	76	40	116
E09000003	Barnet	London	ENG	77.4	36.8	56.1	309	157	466	103	52	155
E09000004	Bexley	London	ENG	96.4	34.9	63.9	273	108	381	91	36	127
E09000005	Brent	London	ENG	121.1	59.4	89.2	368	188	556	123	63	185
E09000006	Bromley	London	ENG	77.8	34.5	55.0	306	153	459	102	51	153
E09000007	Camden	London	ENG	79.1	33.4	55.1	171	79	250	57	26	83
E09000008	Croydon	London	ENG	101.8	46.4	72.5	398	198	596	133	66	199
E09000009	Ealing	London	ENG	108.6	42.4	74.4	368	146	514	123	49	171
E09000010	Enfield	London	ENG	86.5	42.8	63.6	293	155	448	98	52	149
E09000011	Greenwich	London	ENG	100.1	47.6	72.8	241	119	360	80	40	120

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CVD death rates per 100,000			Total number of premature CVD deaths 2013/15			Average number of annual CVD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E09000012	Hackney	London	ENG	131.6	64.2	96.4	241	121	362	80	40	121
E09000013	Hammersmith and Fulham	London	ENG	114.9	48.4	79.0	176	83	259	59	28	86
E09000014	Haringey	London	ENG	117.3	51.7	82.2	257	125	382	86	42	127
E09000015	Harrow	London	ENG	89.9	28.4	57.9	254	81	335	85	27	112
E09000016	Havering	London	ENG	83.3	33.7	57.2	261	116	377	87	39	126
E09000017	Hillingdon	London	ENG	106.8	40.6	72.8	326	129	455	109	43	152
E09000018	Hounslow	London	ENG	119.5	35.5	76.3	310	95	405	103	32	135
E09000019	Islington	London	ENG	126.5	46.7	84.9	218	90	308	73	30	103
E09000020	Kensington and Chelsea	London	ENG	66.0	18.6	40.5	112	38	150	37	13	50
E09000021	Kingston upon Thames	London	ENG	84.4	31.9	57.4	148	59	207	49	20	69
E09000022	Lambeth	London	ENG	110.3	56.9	82.2	255	142	397	85	47	132
E09000023	Lewisham	London	ENG	105.3	45.2	73.7	258	121	379	86	40	126
E09000024	Merton	London	ENG	93.3	36.1	63.2	185	77	262	62	26	87
E09000025	Newham	London	ENG	131.3	69.3	99.0	302	162	464	101	54	155
E09000026	Redbridge	London	ENG	109.4	45.4	76.1	311	141	452	104	47	151
E09000027	Richmond upon Thames	London	ENG	72.4	31.7	51.4	165	75	240	55	25	80
E09000028	Southwark	London	ENG	103.3	45.9	73.6	245	106	351	82	35	117
E09000029	Sutton	London	ENG	81.0	42.6	60.9	186	104	290	62	35	97
E09000030	Tower Hamlets	London	ENG	125.2	62.3	93.6	216	99	315	72	33	105
E09000031	Waltham Forest	London	ENG	113.3	51.1	80.6	273	133	406	91	44	135
E09000032	Wandsworth	London	ENG	108.2	52.5	78.6	261	139	400	87	46	133
E09000033	Westminster	London	ENG	86.3	38.3	61.7	199	91	290	66	30	97
N09000001	Antrim & Newtonabbey	Northern Ireland	NI	82.1	49.0	65.0	144	92	236	48	31	79
N09000002	Armagh, Banbridge & Craigavon	Northern Ireland	NI	86.7	45.2	65.4	217	119	336	72	40	112
N09000003	Belfast	Northern Ireland	NI	130.7	54.5	90.1	480	226	706	160	75	235
N09000004	Causeway Coast & Glens	Northern Ireland	NI	80.0	42.6	60.9	154	85	239	51	28	80
N09000005	Derry & Strabane	Northern Ireland	NI	107.0	37.8	71.6	194	70	264	65	23	88
N09000006	Fermanagh & Omagh	Northern Ireland	NI	97.1	35.8	66.2	144	54	198	48	18	66
N09000007	Lisburn & Castlereagh	Northern Ireland	NI	77.1	38.4	57.0	138	74	212	46	25	71
N09000008	Mid & East Antrim	Northern Ireland	NI	98.3	40.6	68.6	187	81	268	62	27	89
N09000009	Mid Ulster	Northern Ireland	NI	88.8	43.2	65.8	145	71	216	48	24	72
N09000010	Newry, Mourne & Down	Northern Ireland	NI	79.1	42.0	60.2	167	91	258	56	30	86
N09000011	North Down & Ards	Northern Ireland	NI	83.6	40.2	61.1	199	101	300	66	34	100
S12000005	Clackmannanshire	Scotland	SCO	120.4	68.1	93.2	92	56	148	31	19	49
S12000006	Dumfries & Galloway	Scotland	SCO	109.5	54.8	81.3	279	150	429	93	50	143
S12000008	East Ayrshire	Scotland	SCO	145.5	81.5	112.2	260	157	417	87	52	139
S12000010	East Lothian	Scotland	SCO	98.3	41.2	68.2	142	66	208	47	22	69
S12000011	East Renfrewshire	Scotland	SCO	99.2	47.9	71.5	125	70	195	42	23	65
S12000013	Eilean Siar	Scotland	SCO	107.2	44.0	75.1	50	21	71	17	7	24
S12000014	Falkirk	Scotland	SCO	128.6	59.6	92.7	283	142	425	94	47	142
S12000015	Fife	Scotland	SCO	120.3	55.3	86.5	649	322	971	216	107	324
S12000017	Highland	Scotland	SCO	118.4	49.3	83.0	442	192	634	147	64	211
S12000018	Inverclyde	Scotland	SCO	122.5	66.5	92.9	144	87	231	48	29	77
S12000019	Midlothian	Scotland	SCO	109.0	58.1	82.4	134	77	211	45	26	70
S12000020	Moray	Scotland	SCO	101.7	48.5	74.0	144	74	218	48	25	73
S12000021	North Ayrshire	Scotland	SCO	140.2	67.6	101.7	293	161	454	98	54	151
S12000023	Orkney Islands	Scotland	SCO	92.6	47.5	69.3	33	18	51	11	6	17
S12000024	Perth & Kinross	Scotland	SCO	81.5	39.3	59.8	191	99	290	64	33	97
S12000026	Scottish Borders	Scotland	SCO	102.4	46.8	73.8	197	96	293	66	32	98
S12000027	Shetland Islands	Scotland	SCO	139.1	54.3	97.4	50	19	69	17	6	23
S12000028	South Ayrshire	Scotland	SCO	118.3	59.4	87.4	219	121	340	73	40	113
S12000029	South Lanarkshire	Scotland	SCO	122.5	57.4	88.3	547	284	831	182	95	277
S12000030	Stirling	Scotland	SCO	112.3	48.0	78.8	143	66	209	48	22	70
S12000033	Aberdeen City	Scotland	SCO	134.4	56.9	94.5	358	159	517	119	53	172
S12000034	Aberdeenshire	Scotland	SCO	95.7	46.0	70.5	363	175	538	121	58	179
S12000035	Argyll & Bute	Scotland	SCO	102.3	45.4	73.1	154	74	228	51	25	76
S12000036	City of Edinburgh	Scotland	SCO	113.1	46.0	77.9	626	277	903	209	92	301
S12000038	Renfrewshire	Scotland	SCO	138.6	62.4	98.3	333	166	499	111	55	166
S12000039	West Dunbartonshire	Scotland	SCO	156.0	81.2	116.1	190	112	302	63	37	101
S12000040	West Lothian	Scotland	SCO	108.7	55.6	81.0	254	140	394	85	47	131
S12000041	Angus	Scotland	SCO	94.3	49.0	70.9	176	98	274	59	33	91
S12000042	Dundee City	Scotland	SCO	146.3	69.7	105.9	265	141	406	88	47	135
S12000044	North Lanarkshire	Scotland	SCO	159.0	70.0	112.0	705	342	1,047	235	114	349
S12000045	East Dunbartonshire	Scotland	SCO	80.9	42.1	60.2	128	76	204	43	25	68
S12000046	Glasgow City	Scotland	SCO	180.4	77.9	126.3	1,180	558	1,738	393	186	579
W06000001	Isle of Anglesey / Ynys Môn	Wales / Cymru	WAL	98.7	34.9	66.2	119	44	163	40	15	54
W06000002	Gwynedd	Wales / Cymru	WAL	91.3	42.1	66.4	174	83	257	58	28	86
W06000003	Conwy	Wales / Cymru	WAL	105.7	51.4	77.7	206	108	314	69	36	105
W06000004	Denbighshire / Sir Ddinbych	Wales / Cymru	WAL	108.9	39.7	73.7	174	65	239	58	22	80
W06000005	Flintshire / Sir y Fflint	Wales / Cymru	WAL	116.2	46.4	80.6	270	115	385	90	38	128
W06000006	Wrexham / Wrecsam	Wales / Cymru	WAL	101.8	51.8	76.5	202	103	305	67	34	102
W06000008	Ceredigion	Wales / Cymru	WAL	83.9	43.9	63.7	101	55	156	34	18	52
W06000009	Pembrokeshire / Sir Benfro	Wales / Cymru	WAL	89.3	49.7	69.0	185	110	295	62	37	98
W06000010	Carmarthenshire / Sir Gaerfyrddin	Wales / Cymru	WAL	108.8	52.7	80.2	330	166	496	110	55	165
W06000011	Swansea / Abertawe	Wales / Cymru	WAL	123.8	50.2	85.1	400	180	580	133	60	193
W06000012	Neath Port Talbot / Castell-nedd Port Talbot	Wales / Cymru	WAL	130.4	63.1	95.7	273	140	413	91	47	138
W06000013	Bridgend / Pen-y-bont ar Ogwr	Wales / Cymru	WAL	109.4	53.6	80.6	227	118	345	76	39	115
W06000014	The Vale of Glamorgan / Bro Morgannwg	Wales / Cymru	WAL	75.4	32.6	53.0	141	66	207	47	22	69
W06000015	Cardiff / Caerdydd	Wales / Cymru	WAL	104.9	38.0	70.3	390	148	538	130	49	179
W06000016	Rhondda Cynon Taf	Wales / Cymru	WAL	127.3	60.5	93.1	427	212	639	142	71	213
W06000018	Caerphilly / Caerffili	Wales / Cymru	WAL	127.4	59.8	92.7	327	160	487	109	53	162
W06000019	Blaenau Gwent	Wales / Cymru	WAL	130.6	71.0	100.5	137	75	212	46	25	71
W06000020	Torfaen / Tor-faen	Wales / Cymru	WAL	117.6	51.1	83.3	156	73	229	52	24	76
W06000021	Monmouthshire / Sir Fyrwy	Wales / Cymru	WAL	93.4	34.2	63.3	142	55	197	47	18	66
W06000022	Newport / Casnewydd	Wales / Cymru	WAL	116.5	53.4	83.9	221	108	329	74	36	110
W06000023	Powys	Wales / Cymru	WAL	95.2	40.6	67.5	225	101	326	75	34	109
W06000024	Merthyr Tydfil / Merthyr Tudful	Wales / Cymru	WAL	137.7	71.5	103.8	115	61	176	38	20	59

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics
Scotland: Rates calculated in partnership with the General Register Office for Scotland.
Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Fig 1.20a ALL (jpeg)

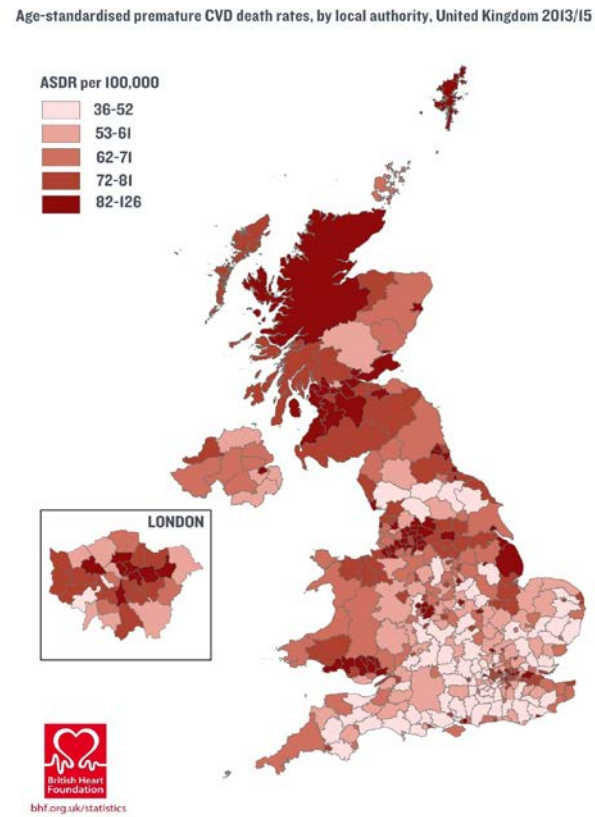


Fig 1.20b MEN (jpeg)

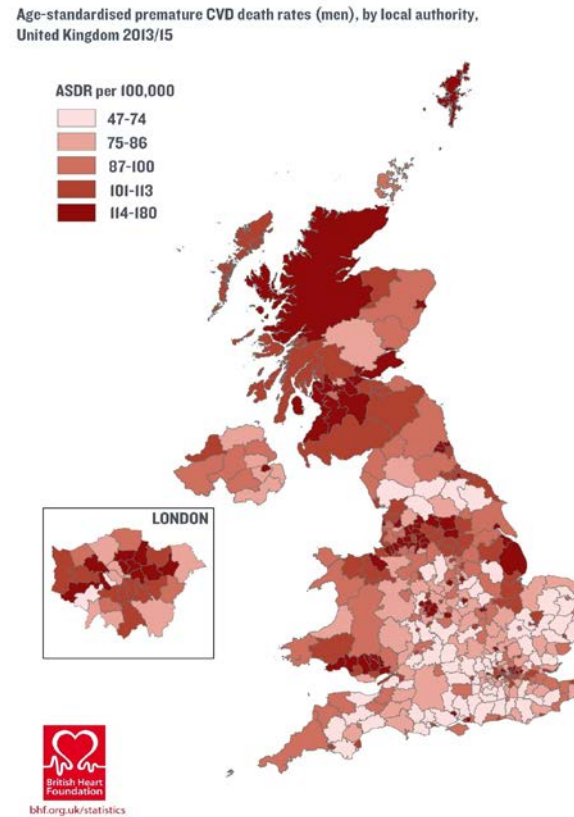


Fig 1.20c WOMEN (jpeg)

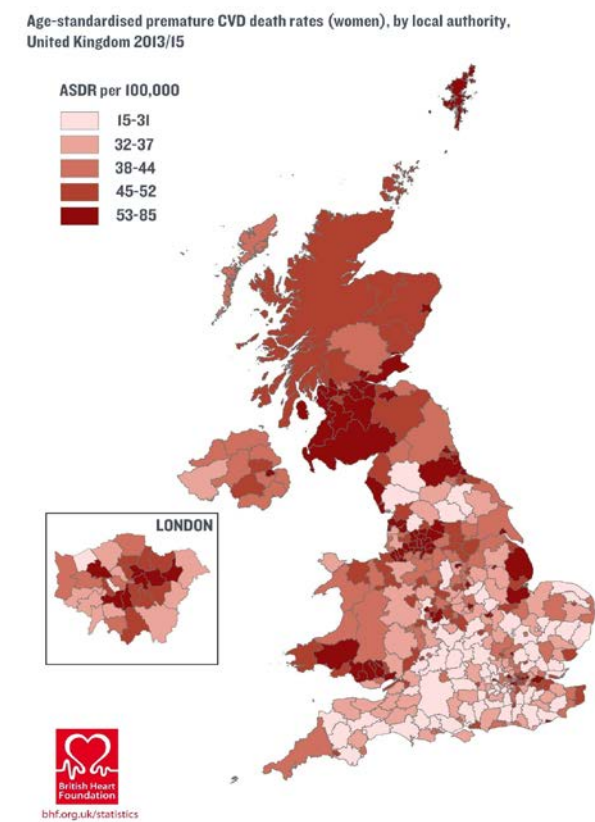


Table 1.21 Age-standardised death rates per 100,000 for CHD, all ages by local authority, United Kingdom 2013/15

New LA Code	LA/DC/UA	Region/Nation	4N	ALL AGES								
				Age standardised CHD death rates per 100,000			Total number of CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E06000001	Hartlepool	North East	ENG	181.8	79.6	123.9	206	122	328	69	41	109
E06000002	Middlesbrough	North East	ENG	168.3	101.2	132.4	250	202	452	83	67	151
E06000003	Redcar and Cleveland	North East	ENG	169.3	80.1	119.7	310	199	509	103	66	170
E06000004	Stockton-on-Tees	North East	ENG	168.7	93.3	127.7	367	274	641	122	91	214
E06000005	Darlington	North East	ENG	165.3	89.4	122.7	217	168	385	72	56	128
E06000006	Halton	North West	ENG	197.4	108.3	148.1	270	187	457	90	62	152
E06000007	Warrington	North West	ENG	185.9	84.5	128.0	419	261	680	140	87	227
E06000008	Blackburn with Darwen	North West	ENG	236.5	126.5	175.9	328	230	558	109	77	186
E06000009	Blackpool	North West	ENG	227.7	103.2	158.6	424	264	688	141	88	229
E06000010	Kingston upon Hull, City of	Yorkshire & The Humber	ENG	216.9	108.9	157.0	558	377	935	186	126	312
E06000011	East Riding of Yorkshire	Yorkshire & The Humber	ENG	171.2	84.0	122.4	860	588	1,448	287	196	483
E06000012	North East Lincolnshire	Yorkshire & The Humber	ENG	204.2	84.7	136.9	407	240	647	136	80	216
E06000013	North Lincolnshire	Yorkshire & The Humber	ENG	200.6	88.6	136.9	426	264	690	142	88	230
E06000014	York	Yorkshire & The Humber	ENG	163.0	82.5	117.0	382	300	682	127	100	227
E06000015	Derby	East Midlands	ENG	200.1	88.2	135.9	541	347	888	180	116	296
E06000016	Leicester	East Midlands	ENG	255.9	114.1	176.0	717	436	1,153	239	145	384
E06000017	Rutland	East Midlands	ENG	117.2	42.2	75.8	67	37	104	22	12	35
E06000018	Nottingham	East Midlands	ENG	220.1	94.8	148.1	561	340	901	187	113	300
E06000019	Herefordshire, County of	West Midlands	ENG	163.9	83.0	119.1	459	337	796	153	112	265
E06000020	Telford and Wrekin	West Midlands	ENG	165.0	85.6	120.8	289	191	480	96	64	160
E06000021	Stoke-on-Trent	West Midlands	ENG	183.5	88.0	131.4	504	323	827	168	108	276
E06000022	Bath and North East Somerset	South West	ENG	125.9	64.0	91.6	290	227	517	97	76	172
E06000023	Bristol, City of	South West	ENG	158.6	68.2	107.2	638	402	1,040	213	134	347
E06000024	North Somerset	South West	ENG	127.1	62.1	90.8	391	287	678	130	96	226
E06000025	South Gloucestershire	South West	ENG	136.7	61.2	94.4	446	268	714	149	89	238
E06000026	Plymouth	South West	ENG	175.5	78.3	121.2	524	326	850	175	109	283
E06000027	Torbay	South West	ENG	160.4	71.2	110.1	345	238	583	115	79	194
E06000028	Bournemouth	South West	ENG	156.0	75.7	111.0	380	289	669	127	96	223
E06000029	Poole	South West	ENG	130.0	74.3	98.3	290	251	541	97	84	180
E06000030	Swindon	South West	ENG	168.9	76.7	117.6	373	223	596	124	74	199
E06000031	Peterborough	East of England	ENG	173.0	89.9	127.1	322	229	551	107	76	184
E06000032	Luton	East of England	ENG	181.5	94.0	135.4	349	219	568	116	73	189
E06000033	Southend-on-Sea	East of England	ENG	161.6	79.2	115.0	364	276	640	121	92	213
E06000034	Thurrock	East of England	ENG	177.9	88.4	128.0	260	179	439	87	60	146
E06000035	Medway	South East	ENG	183.0	80.5	125.1	494	291	785	165	97	262
E06000036	Bracknell Forest	South East	ENG	117.1	70.7	92.1	128	103	231	43	34	77
E06000037	West Berkshire	South East	ENG	129.0	66.5	95.8	230	158	388	77	53	129
E06000038	Reading	South East	ENG	167.2	83.7	121.6	227	157	384	76	52	128
E06000039	Slough	South East	ENG	207.3	111.0	155.3	213	146	359	71	49	120
E06000040	Windsor and Maidenhead	South East	ENG	153.3	67.5	105.5	273	182	455	91	61	152
E06000041	Wokingham	South East	ENG	150.4	48.5	92.1	261	116	377	87	39	126
E06000042	Milton Keynes	South East	ENG	150.2	59.3	98.9	328	170	498	109	57	166
E06000043	Brighton and Hove	South East	ENG	132.2	62.9	93.3	351	254	605	117	85	202
E06000044	Portsmouth	South East	ENG	176.8	82.4	125.2	352	241	593	117	80	198
E06000045	Southampton	South East	ENG	175.4	83.8	125.3	397	275	672	132	92	224
E06000046	Isle of Wight	South East	ENG	157.5	68.4	108.1	361	242	603	120	81	201
E06000047	County Durham	North East	ENG	171.5	95.5	129.4	1,106	829	1,935	369	276	645
E06000049	Cheshire East	North West	ENG	147.1	72.1	105.4	770	532	1,302	257	177	434
E06000050	Cheshire West and Chester	North West	ENG	153.8	74.2	109.2	667	454	1,121	222	151	374
E06000051	Shropshire	West Midlands	ENG	159.5	74.9	112.3	722	489	1,211	241	163	404
E06000052	Cornwall and Isles of Scilly	South West	ENG	173.1	80.8	121.7	1,412	957	2,369	471	319	790
E06000054	Wiltshire	South West	ENG	141.8	74.8	104.7	898	689	1,587	299	230	529
E06000055	Bedford	East of England	ENG	151.6	74.3	108.3	288	194	482	96	65	161
E06000056	Central Bedfordshire	East of England	ENG	132.1	79.0	103.2	402	302	704	134	101	235
E06000057	Northumberland	North East	ENG	157.6	82.0	116.0	720	505	1,225	240	168	408
E07000004	Aylesbury Vale	South East	ENG	130.9	67.3	94.4	250	185	435	83	62	145
E07000005	Chiltern	South East	ENG	120.9	46.4	77.2	153	95	248	51	32	83
E07000006	South Bucks	South East	ENG	141.0	70.2	100.3	132	107	239	44	36	80
E07000007	Wycombe	South East	ENG	154.8	63.1	103.3	304	173	477	101	58	159
E07000008	Cambridge	East of England	ENG	156.1	74.3	108.7	175	123	298	58	41	99
E07000009	East Cambridgeshire	East of England	ENG	143.9	71.0	102.6	153	106	259	51	35	86
E07000010	Fenland	East of England	ENG	176.9	89.3	129.6	250	175	425	83	58	142
E07000011	Huntingdonshire	East of England	ENG	132.4	57.3	91.7	275	160	435	92	53	145
E07000012	South Cambridgeshire	East of England	ENG	132.1	58.4	91.4	251	155	406	84	52	135
E07000026	Allerdale	North West	ENG	190.5	82.4	128.7	265	159	424	88	53	141
E07000027	Barrow-in-Furness	North West	ENG	188.0	106.2	143.0	167	127	294	56	42	98
E07000028	Carlisle	North West	ENG	168.0	86.4	122.5	241	176	417	80	59	139
E07000029	Copeland	North West	ENG	178.3	114.0	143.8	171	138	309	57	46	103
E07000030	Eden	North West	ENG	171.6	79.5	120.8	141	97	238	47	32	79
E07000031	South Lakeland	North West	ENG	143.4	72.2	103.0	253	192	445	84	64	148
E07000032	Amber Valley	East Midlands	ENG	185.5	95.5	136.1	303	222	525	101	74	175
E07000033	Bolsover	East Midlands	ENG	196.4	68.6	123.2	182	94	276	61	31	92
E07000034	Chesterfield	East Midlands	ENG	187.2	89.9	131.8	250	176	426	83	59	142
E07000035	Derbyshire Dales	East Midlands	ENG	165.5	65.8	109.1	184	111	295	61	37	98
E07000036	Erewash	East Midlands	ENG	171.3	87.4	124.7	246	179	425	82	60	142
E07000037	High Peak	East Midlands	ENG	178.3	88.9	126.8	191	137	328	64	46	109
E07000038	North East Derbyshire	East Midlands	ENG	174.6	85.9	125.3	255	166	421	85	55	140
E07000039	South Derbyshire	East Midlands	ENG	176.1	96.8	133.2	192	138	330	64	46	110
E07000040	East Devon	South West	ENG	123.8	63.7	89.6	340	274	614	113	91	205
E07000041	Exeter	South West	ENG	153.7	64.2	102.3	196	139	335	65	46	112
E07000042	Mid Devon	South West	ENG	146.6	65.9	101.8	170	108	278	57	36	93
E07000043	North Devon	South West	ENG	159.9	79.4	115.5	235	176	411	78	59	137
E07000044	South Hams	South West	ENG	134.5	63.6	95.9	194	129	323	65	43	108
E07000045	Teignbridge	South West	ENG	148.8	58.5	96.5	304	187	491	101	62	164
E07000046	Torridge	South West	ENG	181.3	66.2	116.7	189	97	286	63	32	95

New LA Code	LA/DC/UA	Region/Nation	4N	ALL AGES								
				Age standardised CHD death rates per 100,000			Total number of CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000047	West Devon	South West	ENG	144.0	78.8	106.5	126	100	226	42	33	75
E07000048	Christchurch	South West	ENG	143.4	48.9	88.7	150	79	229	50	26	76
E07000049	East Dorset	South West	ENG	118.3	61.6	86.3	214	166	380	71	55	127
E07000050	North Dorset	South West	ENG	141.0	61.2	95.6	151	102	253	50	34	84
E07000051	Purbeck	South West	ENG	142.2	68.7	100.5	112	76	188	37	25	63
E07000052	West Dorset	South West	ENG	134.9	64.5	95.8	258	193	451	86	64	150
E07000053	Weymouth and Portland	South West	ENG	152.6	73.7	109.8	154	104	258	51	35	86
E07000061	Eastbourne	South East	ENG	143.7	73.7	103.9	239	208	447	80	69	149
E07000062	Hastings	South East	ENG	195.7	76.6	128.1	216	129	345	72	43	115
E07000063	Lewes	South East	ENG	131.6	47.8	84.1	213	124	337	71	41	112
E07000064	Rother	South East	ENG	137.6	65.1	96.7	255	197	452	85	66	151
E07000065	Wealden	South East	ENG	121.1	67.4	89.9	299	251	550	100	84	183
E07000066	Basildon	East of England	ENG	180.8	74.5	119.3	355	212	567	118	71	189
E07000067	Braintree	East of England	ENG	130.1	76.8	102.1	239	206	445	80	69	148
E07000068	Brentwood	East of England	ENG	126.7	74.5	97.7	131	119	250	44	40	83
E07000069	Castle Point	East of England	ENG	156.2	76.4	111.7	207	140	347	69	47	116
E07000070	Chelmsford	East of England	ENG	131.6	69.2	97.0	274	202	476	91	67	159
E07000071	Colchester	East of England	ENG	151.2	70.6	105.8	299	200	499	100	67	166
E07000072	Epping Forest	East of England	ENG	135.0	77.5	103.4	224	192	416	75	64	139
E07000073	Harlow	East of England	ENG	154.9	81.3	112.1	138	105	243	46	35	81
E07000074	Maldon	East of England	ENG	151.5	77.8	111.4	137	94	231	46	31	77
E07000075	Rochford	East of England	ENG	112.2	60.8	82.5	135	104	239	45	35	80
E07000076	Tendring	East of England	ENG	161.7	71.5	111.1	418	278	696	139	93	232
E07000077	Uttlesford	East of England	ENG	133.0	67.7	96.3	138	102	240	46	34	80
E07000078	Cheltenham	South West	ENG	168.9	79.0	117.7	241	178	419	80	59	140
E07000079	Cotswold	South West	ENG	137.0	67.2	97.3	184	138	322	61	46	107
E07000080	Forest of Dean	South West	ENG	175.3	104.4	135.6	210	176	386	70	59	129
E07000081	Gloucester	South West	ENG	204.7	91.6	139.0	272	172	444	91	57	148
E07000082	Stroud	South West	ENG	161.4	85.9	119.9	252	195	447	84	65	149
E07000083	Tewkesbury	South West	ENG	151.0	77.6	110.6	182	137	319	61	46	106
E07000084	Basingstoke and Deane	South East	ENG	145.4	73.6	106.8	273	176	449	91	59	150
E07000085	East Hampshire	South East	ENG	120.7	52.9	82.2	203	124	327	68	41	109
E07000086	Eastleigh	South East	ENG	127.2	60.0	89.1	194	131	325	65	44	108
E07000087	Fareham	South East	ENG	130.0	55.4	88.5	216	135	351	72	45	117
E07000088	Gosport	South East	ENG	175.3	58.6	109.8	183	88	271	61	29	90
E07000089	Hart	South East	ENG	111.3	49.4	76.2	124	74	198	41	25	66
E07000090	Havant	South East	ENG	151.9	74.5	108.9	280	194	474	93	65	158
E07000091	New Forest	South East	ENG	133.9	61.3	93.0	442	315	757	147	105	252
E07000092	Rushmoor	South East	ENG	154.6	63.2	103.6	132	77	209	44	26	70
E07000093	Test Valley	South East	ENG	117.3	55.8	83.1	185	126	311	62	42	104
E07000094	Winchester	South East	ENG	120.3	56.2	83.0	191	139	330	64	46	110
E07000095	Broxbourne	East of England	ENG	149.7	66.8	102.5	163	104	267	54	35	89
E07000096	Dacorum	East of England	ENG	131.6	55.1	89.2	230	138	368	77	46	123
E07000098	Hertsmere	East of England	ENG	126.3	55.0	84.9	157	105	262	52	35	87
E07000099	North Hertfordshire	East of England	ENG	149.0	80.1	110.8	239	187	426	80	62	142
E07000102	Three Rivers	East of England	ENG	137.8	70.3	99.5	149	115	264	50	38	88
E07000103	Watford	East of England	ENG	186.7	69.1	117.7	148	88	236	49	29	79
E07000105	Ashford	South East	ENG	146.7	65.1	100.5	214	136	350	71	45	117
E07000106	Canterbury	South East	ENG	154.5	71.1	106.8	314	228	542	105	76	181
E07000107	Dartford	South East	ENG	140.0	63.1	98.7	149	93	242	50	31	81
E07000108	Dover	South East	ENG	149.8	84.1	113.7	243	194	437	81	65	146
E07000109	Gravesham	South East	ENG	150.4	71.2	106.1	178	113	291	59	38	97
E07000110	Maidstone	South East	ENG	146.3	67.6	101.6	279	186	465	93	62	155
E07000111	Sevenoaks	South East	ENG	102.0	57.4	76.5	159	131	290	53	44	97
E07000112	Shepway	South East	ENG	138.8	68.6	99.7	228	165	393	76	55	131
E07000113	Swale	South East	ENG	168.2	79.6	119.6	279	177	456	93	59	152
E07000114	Thanet	South East	ENG	197.9	87.8	135.8	390	277	667	130	92	222
E07000115	Tonbridge and Malling	South East	ENG	131.2	58.7	89.9	193	118	311	64	39	104
E07000116	Tunbridge Wells	South East	ENG	106.2	50.2	75.3	153	112	265	51	37	88
E07000117	Burnley	North West	ENG	221.0	128.0	166.5	216	173	389	72	58	130
E07000118	Chorley	North West	ENG	167.6	72.9	116.8	222	129	351	74	43	117
E07000119	Fylde	North West	ENG	156.5	77.1	111.7	203	153	356	68	51	119
E07000120	Hyndburn	North West	ENG	219.4	130.2	170.9	198	160	358	66	53	119
E07000121	Lancaster	North West	ENG	186.5	89.1	130.8	327	225	552	109	75	184
E07000122	Pendle	North West	ENG	223.5	110.5	160.8	231	159	390	77	53	130
E07000123	Preston	North West	ENG	193.1	86.7	133.8	272	159	431	91	53	144
E07000124	Ribble Valley	North West	ENG	176.5	90.9	128.2	143	111	254	48	37	85
E07000125	Rossendale	North West	ENG	210.3	140.1	172.1	160	144	304	53	48	101
E07000126	South Ribble	North West	ENG	142.1	68.8	100.9	195	130	325	65	43	108
E07000127	West Lancashire	North West	ENG	166.4	63.5	108.0	240	127	367	80	42	122
E07000128	Wyre	North West	ENG	172.7	78.9	119.5	312	211	523	104	70	174
E07000129	Blaby	East Midlands	ENG	142.2	68.0	99.4	170	115	285	57	38	95
E07000130	Charnwood	East Midlands	ENG	145.4	71.0	104.9	294	201	495	98	67	165
E07000131	Harborough	East Midlands	ENG	157.9	56.7	101.0	182	96	278	61	32	93
E07000132	Hinckley and Bosworth	East Midlands	ENG	149.5	67.1	103.6	207	130	337	69	43	112
E07000133	Melton	East Midlands	ENG	154.1	79.4	112.4	105	73	178	35	24	59
E07000134	North West Leicestershire	East Midlands	ENG	188.8	57.3	114.4	219	93	312	73	31	104
E07000135	Oadby and Wigston	East Midlands	ENG	162.4	74.0	112.1	125	86	211	42	29	70
E07000136	Boston	East Midlands	ENG	194.8	113.8	150.4	173	141	314	58	47	105
E07000137	East Lindsey	East Midlands	ENG	191.0	100.8	142.2	468	311	779	156	104	260
E07000138	Lincoln	East Midlands	ENG	205.7	98.5	143.9	193	137	330	64	46	110
E07000139	North Kesteven	East Midlands	ENG	143.6	71.2	103.1	231	150	381	77	50	127
E07000140	South Holland	East Midlands	ENG	198.2	93.2	141.2	283	180	463	94	60	154
E07000141	South Kesteven	East Midlands	ENG	151.3	81.3	113.3	288	216	504	96	72	168
E07000142	West Lindsey	East Midlands	ENG	172.1	68.3	115.9	234	117	351	78	39	117
E07000143	Breckland	East of England	ENG	136.8	72.9	101.2	282	210	492	94	70	164
E07000144	Broadland	East of England	ENG	146.7	68.5	103.2	297	207	504	99	69	168

New LA Code	LA/DC/UA	Region/Nation	4N	ALL AGES								
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				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000145	Great Yarmouth	East of England	ENG	171.6	77.7	119.1	246	155	401	82	52	134
E07000146	King's Lynn and West Norfolk	East of England	ENG	172.6	75.0	118.7	422	252	674	141	84	225
E07000147	North Norfolk	East of England	ENG	161.3	61.4	103.8	337	185	522	112	62	174
E07000148	Norwich	East of England	ENG	165.1	77.2	115.5	232	170	402	77	57	134
E07000149	South Norfolk	East of England	ENG	135.7	65.8	97.0	269	178	447	90	59	149
E07000150	Corby	East Midlands	ENG	180.7	83.8	127.3	112	65	177	37	22	59
E07000151	Daventry	East Midlands	ENG	137.7	63.0	94.3	129	78	207	43	26	69
E07000152	East Northamptonshire	East Midlands	ENG	148.7	52.8	94.6	166	81	247	55	27	82
E07000153	Kettering	East Midlands	ENG	149.7	71.4	106.5	167	113	280	56	38	93
E07000154	Northampton	East Midlands	ENG	168.4	85.4	122.8	365	247	612	122	82	204
E07000155	South Northamptonshire	East Midlands	ENG	133.0	58.6	91.8	147	86	233	49	29	78
E07000156	Wellingborough	East Midlands	ENG	151.5	53.6	97.8	136	65	201	45	22	67
E07000163	Craven	Yorkshire & The Humber	ENG	155.5	86.9	113.6	135	120	255	45	40	85
E07000164	Hambleton	Yorkshire & The Humber	ENG	166.6	66.0	111.0	232	128	360	77	43	120
E07000165	Harrogate	Yorkshire & The Humber	ENG	151.7	61.5	99.3	332	217	549	111	72	183
E07000166	Richmondshire	Yorkshire & The Humber	ENG	158.9	70.9	109.8	102	60	162	34	20	54
E07000167	Ryedale	Yorkshire & The Humber	ENG	161.4	65.7	106.9	137	80	217	46	27	72
E07000168	Scarborough	Yorkshire & The Humber	ENG	210.7	89.5	141.9	362	230	592	121	77	197
E07000169	Selby	Yorkshire & The Humber	ENG	187.0	87.2	129.8	190	122	312	63	41	104
E07000170	Ashfield	East Midlands	ENG	158.0	89.7	121.0	228	172	400	76	57	133
E07000171	Bassetlaw	East Midlands	ENG	153.9	80.1	113.1	230	162	392	77	54	131
E07000172	Broxtowe	East Midlands	ENG	151.0	81.5	113.3	219	163	382	73	54	127
E07000173	Gedling	East Midlands	ENG	161.7	61.5	104.7	237	131	368	79	44	123
E07000174	Mansfield	East Midlands	ENG	185.7	79.0	126.5	238	138	376	79	46	125
E07000175	Newark and Sherwood	East Midlands	ENG	159.4	74.9	112.7	249	162	411	83	54	137
E07000176	Rushcliffe	East Midlands	ENG	127.2	49.7	84.3	194	116	310	65	39	103
E07000177	Cherwell	South East	ENG	149.6	59.7	100.5	247	136	383	82	45	128
E07000178	Oxford	South East	ENG	139.4	61.5	96.6	174	114	288	58	38	96
E07000179	South Oxfordshire	South East	ENG	121.5	59.2	86.4	218	152	370	73	51	123
E07000180	Vale of White Horse	South East	ENG	148.1	63.6	99.2	237	146	383	79	49	128
E07000181	West Oxfordshire	South East	ENG	132.9	64.7	94.9	193	131	324	64	44	108
E07000187	Mendip	South West	ENG	143.6	60.9	95.9	223	140	363	74	47	121
E07000188	Sedgemoor	South West	ENG	150.2	66.8	104.0	261	163	424	87	54	141
E07000189	South Somerset	South West	ENG	145.4	65.8	101.5	375	246	621	125	82	207
E07000190	Taunton Deane	South West	ENG	157.6	66.0	105.9	264	173	437	88	58	146
E07000191	West Somerset	South West	ENG	167.4	74.9	113.6	116	80	196	39	27	65
E07000192	Cannock Chase	West Midlands	ENG	158.3	94.8	124.0	180	145	325	60	48	108
E07000193	East Staffordshire	West Midlands	ENG	174.6	85.7	124.2	234	165	399	78	55	133
E07000194	Lichfield	West Midlands	ENG	170.8	68.8	113.8	240	134	374	80	45	125
E07000195	Newcastle-under-Lyme	West Midlands	ENG	169.5	86.5	122.9	270	191	461	90	64	154
E07000196	South Staffordshire	West Midlands	ENG	148.6	71.4	104.7	229	157	386	76	52	129
E07000197	Stafford	West Midlands	ENG	159.2	85.9	119.6	288	213	501	96	71	167
E07000198	Staffordshire Moorlands	West Midlands	ENG	152.3	76.6	109.2	214	149	363	71	50	121
E07000199	Tamworth	West Midlands	ENG	190.9	78.3	127.3	152	82	234	51	27	78
E07000200	Babergh	East of England	ENG	137.3	69.6	99.8	192	143	335	64	48	112
E07000201	Forest Heath	East of England	ENG	176.8	81.3	125.7	131	80	211	44	27	70
E07000202	Ipswich	East of England	ENG	154.3	81.5	114.3	231	179	410	77	60	137
E07000203	Mid Suffolk	East of England	ENG	136.6	66.5	98.5	201	128	329	67	43	110
E07000204	St Edmundsbury	East of England	ENG	132.3	57.5	90.2	204	127	331	68	42	110
E07000205	Suffolk Coastal	East of England	ENG	137.9	66.2	98.2	296	206	502	99	69	167
E07000206	Waveney	East of England	ENG	154.5	74.9	110.5	306	213	519	102	71	173
E07000207	Elmbridge	South East	ENG	125.2	59.4	88.0	205	155	360	68	52	120
E07000208	Epsom and Ewell	South East	ENG	123.7	59.0	88.4	117	76	193	39	25	64
E07000209	Guildford	South East	ENG	121.0	59.8	87.9	193	141	334	64	47	111
E07000210	Mole Valley	South East	ENG	121.9	53.4	83.6	162	102	264	54	34	88
E07000211	Reigate and Banstead	South East	ENG	137.6	60.2	94.0	239	161	400	80	54	133
E07000212	Runnymede	South East	ENG	124.4	73.7	97.3	126	106	232	42	35	77
E07000213	Spelthorne	South East	ENG	144.4	71.5	103.9	178	123	301	59	41	100
E07000214	Surrey Heath	South East	ENG	110.5	61.2	84.5	119	95	214	40	32	71
E07000215	Tandridge	South East	ENG	125.7	47.9	82.6	148	82	230	49	27	77
E07000216	Waverley	South East	ENG	124.7	54.0	84.3	219	150	369	73	50	123
E07000217	Woking	South East	ENG	115.4	60.6	85.9	130	103	233	43	34	78
E07000218	North Warwickshire	West Midlands	ENG	191.0	85.1	131.1	153	96	249	51	32	83
E07000219	Nuneaton and Bedworth	West Midlands	ENG	189.3	76.9	125.0	272	154	426	91	51	142
E07000220	Rugby	West Midlands	ENG	139.2	62.7	97.1	181	108	289	60	36	96
E07000221	Stratford-on-Avon	West Midlands	ENG	124.3	56.9	87.2	241	162	403	80	54	134
E07000222	Warwick	West Midlands	ENG	136.1	62.1	95.3	228	153	381	76	51	127
E07000223	Adur	South East	ENG	153.2	66.6	104.3	145	97	242	48	32	81
E07000224	Arun	South East	ENG	153.1	60.4	99.9	424	264	688	141	88	229
E07000225	Chichester	South East	ENG	126.6	50.0	82.3	253	156	409	84	52	136
E07000226	Crawley	South East	ENG	185.6	56.4	111.2	188	85	273	63	28	91
E07000227	Horsham	South East	ENG	129.6	60.2	90.3	247	167	414	82	56	138
E07000228	Mid Sussex	South East	ENG	121.9	46.1	78.7	228	138	366	76	46	122
E07000229	Worthing	South East	ENG	162.5	68.9	110.4	252	189	441	84	63	147
E07000234	Bromsgrove	West Midlands	ENG	127.9	52.9	84.4	173	113	286	58	38	95
E07000235	Malvern Hills	West Midlands	ENG	135.8	62.7	95.2	180	125	305	60	42	102
E07000236	Redditch	West Midlands	ENG	136.1	61.2	96.2	125	73	198	42	24	66
E07000237	Worcester	West Midlands	ENG	159.2	70.4	108.9	167	108	275	56	36	92
E07000238	Wycharon	West Midlands	ENG	127.9	63.3	90.5	231	158	389	77	53	130
E07000239	Wyre Forest	West Midlands	ENG	144.5	61.8	98.7	208	122	330	69	41	110
E07000240	St Albans	East of England	ENG	117.5	68.2	90.6	200	156	356	67	52	119
E07000241	Welwyn Hatfield	East of England	ENG	141.1	59.5	95.7	181	116	297	60	39	99
E07000242	East Hertfordshire	East of England	ENG	150.0	56.9	96.7	232	129	361	77	43	120
E07000243	Stevenage	East of England	ENG	192.4	76.9	125.6	166	100	266	55	33	89
E08000001	Bolton	North West	ENG	184.4	82.1	127.6	563	325	888	188	108	296
E08000002	Bury	North West	ENG	192.4	94.0	136.9	399	270	669	133	90	223
E08000003	Manchester	North West	ENG	255.6	118.4	178.3	889	557	1,446	296	186	482

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				Men	Women	Total	Men	Women	Total	Men	Women	Total
E08000004	Oldham	North West	ENG	207.3	104.6	150.8	494	331	825	165	110	275
E08000005	Rochdale	North West	ENG	210.9	106.2	153.2	478	316	794	159	105	265
E08000006	Salford	North West	ENG	213.3	96.5	148.9	512	311	823	171	104	274
E08000007	Stockport	North West	ENG	167.1	84.6	120.5	609	444	1,053	203	148	351
E08000008	Tameside	North West	ENG	259.7	158.1	205.8	631	515	1,146	210	172	382
E08000009	Trafford	North West	ENG	158.0	79.1	113.5	420	304	724	140	101	241
E08000010	Wigan	North West	ENG	199.9	80.9	133.7	725	374	1,099	242	125	366
E08000011	Knowsley	North West	ENG	180.6	97.0	133.8	299	216	515	100	72	172
E08000012	Liverpool	North West	ENG	172.5	75.2	117.5	804	472	1,276	268	157	425
E08000013	St. Helens	North West	ENG	179.6	88.6	130.5	407	258	665	136	86	222
E08000014	Sefton	North West	ENG	167.2	68.6	110.3	651	408	1,059	217	136	353
E08000015	Wirral	North West	ENG	165.6	77.0	115.9	709	483	1,192	236	161	397
E08000016	Barnsley	Yorkshire & The Humber	ENG	201.2	105.0	147.5	563	403	966	188	134	322
E08000017	Doncaster	Yorkshire & The Humber	ENG	187.7	94.4	135.9	681	472	1,153	227	157	384
E08000018	Rotherham	Yorkshire & The Humber	ENG	192.3	89.1	133.8	593	381	974	198	127	325
E08000019	Sheffield	Yorkshire & The Humber	ENG	185.4	81.9	127.8	1,128	704	1,832	376	235	611
E08000021	Newcastle upon Tyne	North East	ENG	166.4	83.9	121.4	478	334	812	159	111	271
E08000022	North Tyneside	North East	ENG	178.5	78.2	121.4	438	293	731	146	98	244
E08000023	South Tyneside	North East	ENG	169.9	76.3	115.3	311	212	523	104	71	174
E08000024	Sunderland	North East	ENG	183.0	96.9	133.8	588	431	1,019	196	144	340
E08000025	Birmingham	West Midlands	ENG	196.9	89.3	137.6	1,995	1,242	3,237	665	414	1,079
E08000026	Coventry	West Midlands	ENG	171.6	72.1	116.5	576	331	907	192	110	302
E08000027	Dudley	West Midlands	ENG	157.4	84.3	117.5	637	468	1,105	212	156	368
E08000028	Sandwell	West Midlands	ENG	201.1	104.2	146.7	652	469	1,121	217	156	374
E08000029	Solihull	West Midlands	ENG	131.2	54.7	87.7	370	227	597	123	76	199
E08000030	Walsall	West Midlands	ENG	218.4	88.7	146.0	692	397	1,089	231	132	363
E08000031	Wolverhampton	West Midlands	ENG	200.0	99.7	143.5	580	404	984	193	135	328
E08000032	Bradford	Yorkshire & The Humber	ENG	211.8	93.2	144.6	1,069	669	1,738	356	223	579
E08000033	Kirkcaldie	Yorkshire & The Humber	ENG	187.2	86.0	128.0	427	285	712	142	95	237
E08000034	Kirklees	Yorkshire & The Humber	ENG	183.1	91.1	131.3	829	582	1,411	276	194	470
E08000035	Leeds	Yorkshire & The Humber	ENG	214.5	97.2	148.5	1,657	1,083	2,740	552	361	913
E08000036	Wakefield	Yorkshire & The Humber	ENG	204.7	93.7	141.9	798	499	1,297	266	166	432
E08000037	Gateshead	North East	ENG	184.1	88.2	130.9	457	296	753	152	99	251
E09000001	City of London	London	ENG	91.1	16.7	53.5	9	2	11	3	1	4
E09000002	Barking and Dagenham	London	ENG	173.0	95.3	129.0	243	194	437	81	65	146
E09000003	Barnet	London	ENG	149.9	69.9	104.6	544	378	922	181	126	307
E09000004	Bexley	London	ENG	158.4	68.8	107.5	418	277	695	139	92	232
E09000005	Brent	London	ENG	176.3	85.0	126.4	448	268	716	149	89	239
E09000006	Bromley	London	ENG	145.0	63.0	98.1	540	365	905	180	122	302
E09000007	Camden	London	ENG	127.0	53.9	85.2	229	135	364	76	45	121
E09000008	Croydon	London	ENG	144.4	76.1	106.8	484	348	832	161	116	277
E09000009	Ealing	London	ENG	161.5	77.1	115.7	464	275	739	155	92	246
E09000010	Enfield	London	ENG	156.8	80.3	113.7	443	325	768	148	108	256
E09000011	Greenwich	London	ENG	150.5	80.9	110.5	284	213	497	95	71	166
E09000012	Hackney	London	ENG	189.6	97.1	140.6	270	162	432	90	54	144
E09000013	Hammersmith and Fulham	London	ENG	161.6	73.7	112.0	198	120	318	66	40	106
E09000014	Haringey	London	ENG	165.9	73.3	114.3	286	156	442	95	52	147
E09000015	Harrow	London	ENG	146.7	76.3	108.7	380	259	639	127	86	213
E09000016	Havering	London	ENG	140.1	66.7	98.5	416	318	734	139	106	245
E09000017	Hillingdon	London	ENG	153.0	74.7	111.4	425	266	691	142	89	230
E09000018	Hounslow	London	ENG	175.1	69.6	117.1	367	185	552	122	62	184
E09000019	Islington	London	ENG	185.7	76.5	125.4	256	132	388	85	44	129
E09000020	Kensington and Chelsea	London	ENG	103.7	44.1	71.4	155	82	237	52	27	79
E09000021	Kingston upon Thames	London	ENG	138.5	66.8	99.4	214	154	368	71	51	123
E09000022	Lambeth	London	ENG	157.9	81.9	116.0	286	191	477	95	64	159
E09000023	Lewisham	London	ENG	138.4	68.0	98.9	276	182	458	92	61	153
E09000024	Merton	London	ENG	159.1	80.3	114.5	266	191	457	89	64	152
E09000025	Newham	London	ENG	181.4	101.4	138.7	324	204	528	108	68	176
E09000026	Redbridge	London	ENG	177.2	85.2	124.8	442	299	741	147	100	247
E09000027	Richmond upon Thames	London	ENG	117.6	55.1	82.3	222	154	376	74	51	125
E09000028	Southwark	London	ENG	158.8	80.0	115.4	280	181	461	93	60	154
E09000029	Sutton	London	ENG	131.7	73.8	99.8	268	214	482	89	71	161
E09000030	Tower Hamlets	London	ENG	206.7	93.4	144.2	268	141	409	89	47	136
E09000031	Waltham Forest	London	ENG	171.0	85.2	122.6	334	226	560	111	75	187
E09000032	Wandsworth	London	ENG	166.3	83.9	118.7	317	230	547	106	77	182
E09000033	Westminster	London	ENG	122.0	51.7	84.2	242	126	368	81	42	123
N09000001	Antrim & Newtonabbey	Northern Ireland	NI	181.6	66.3	113.4	248	131	379	83	44	126
N09000002	Armagh, Banbridge & Craigavon	Northern Ireland	NI	181.8	101.4	136.3	349	271	620	116	90	207
N09000003	Belfast	Northern Ireland	NI	191.9	91.6	134.7	621	463	1,084	207	154	361
N09000004	Causeway Coast & Glens	Northern Ireland	NI	167.1	107.3	133.8	249	223	472	83	74	157
N09000005	Derry & Strabane	Northern Ireland	NI	169.6	82.1	121.3	231	137	368	77	46	123
N09000006	Fermanagh & Omagh	Northern Ireland	NI	175.1	93.0	130.5	207	148	355	69	49	118
N09000007	Lisburn & Castlereagh	Northern Ireland	NI	143.0	84.9	110.0	208	179	387	69	60	129
N09000008	Mid & East Antrim	Northern Ireland	NI	195.3	77.6	127.3	297	174	471	99	58	157
N09000009	Mid Ulster	Northern Ireland	NI	198.4	102.8	143.1	242	176	418	81	59	139
N09000010	Newry, Mourne & Down	Northern Ireland	NI	158.1	77.4	112.2	259	174	433	86	58	144
N09000011	North Down & Ards	Northern Ireland	NI	169.6	82.2	117.4	310	226	536	103	75	179
S12000005	Clackmannanshire	Scotland	SCO	201.1	108.7	151.8	121	83	204	40	28	68
S12000006	Dumfries & Galloway	Scotland	SCO	214.1	110.7	156.2	481	336	817	160	112	272
S12000008	East Ayrshire	Scotland	SCO	214.2	143.3	175.8	320	282	602	107	94	201
S12000010	East Lothian	Scotland	SCO	189.9	98.6	137.4	235	174	409	78	58	136
S12000011	East Renfrewshire	Scotland	SCO	144.3	86.0	110.7	162	150	312	54	50	104
S12000013	Eilean Siar	Scotland	SCO	183.7	89.9	130.2	74	53	127	25	18	42
S12000014	Falkirk	Scotland	SCO	201.4	103.0	146.1	359	248	607	120	83	202
S12000015	Fife	Scotland	SCO	195.4	91.6	137.2	885	565	1,450	295	188	483
S12000017	Highland	Scotland	SCO	188.2	89.3	133.3	579	370	949	193	123	316
S12000018	Inverclyde	Scotland	SCO	199.2	116.4	152.1	198	172	370	66	57	123

				ALL AGES								
				Age standardised CHD death rates per 100,000			Total number of CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
New LA Code	LA/DC/UA	Region/Nation	4N	Men	Women	Total	Men	Women	Total	Men	Women	Total
S12000019	Midlothian	Scotland	SCO	170.7	87.2	124.0	169	113	282	56	38	94
S12000020	Moray	Scotland	SCO	167.8	103.9	133.4	202	173	375	67	58	125
S12000021	North Ayrshire	Scotland	SCO	228.3	122.0	166.8	393	298	691	131	99	230
S12000023	Orkney Islands	Scotland	SCO	169.9	116.0	144.1	54	45	99	18	15	33
S12000024	Perth & Kinross	Scotland	SCO	158.5	101.2	127.6	333	307	640	111	102	213
S12000026	Scottish Borders	Scotland	SCO	202.9	98.2	144.1	335	221	556	112	74	185
S12000027	Shetland Islands	Scotland	SCO	263.3	101.8	173.7	72	37	109	24	12	36
S12000028	South Ayrshire	Scotland	SCO	207.9	109.9	153.1	344	258	602	115	86	201
S12000029	South Lanarkshire	Scotland	SCO	194.5	110.1	145.8	691	575	1,266	230	192	422
S12000030	Stirling	Scotland	SCO	186.9	96.9	135.8	198	143	341	66	48	114
S12000033	Aberdeen City	Scotland	SCO	187.8	93.8	135.5	421	318	739	140	106	246
S12000034	Aberdeenshire	Scotland	SCO	173.3	94.8	129.8	512	371	883	171	124	294
S12000035	Argyll & Bute	Scotland	SCO	188.7	96.0	136.7	239	175	414	80	58	138
S12000036	City of Edinburgh	Scotland	SCO	189.3	93.6	133.7	913	693	1,606	304	231	535
S12000038	Renfrewshire	Scotland	SCO	202.2	103.3	147.1	413	291	704	138	97	235
S12000039	West Dunbartonshire	Scotland	SCO	271.7	114.1	178.9	262	168	430	87	56	143
S12000040	West Lothian	Scotland	SCO	206.0	103.8	149.2	360	224	584	120	75	195
S12000041	Angus	Scotland	SCO	191.0	91.4	133.7	302	212	514	101	71	171
S12000042	Dundee City	Scotland	SCO	221.5	115.3	161.4	370	284	654	123	95	218
S12000044	North Lanarkshire	Scotland	SCO	246.7	111.5	168.3	849	520	1,369	283	173	456
S12000045	East Dunbartonshire	Scotland	SCO	136.7	65.4	95.8	197	135	332	66	45	111
S12000046	Glasgow City	Scotland	SCO	232.0	114.3	165.1	1,269	947	2,216	423	316	739
W06000001	Isle of Anglesey / Ynys Môn	Wales / Cymru	WAL	186.3	85.7	128.5	191	132	323	64	44	108
W06000002	Gwynedd	Wales / Cymru	WAL	168.4	82.0	119.5	292	214	506	97	71	169
W06000003	Conwy	Wales / Cymru	WAL	169.2	78.6	118.9	334	238	572	111	79	191
W06000004	Denbighshire / Sir Ddinbych	Wales / Cymru	WAL	201.2	86.7	139.5	283	164	447	94	55	149
W06000005	Flintshire / Sir y Fflint	Wales / Cymru	WAL	164.9	92.1	127.1	325	230	555	108	77	185
W06000006	Wrexham / Wrecsam	Wales / Cymru	WAL	160.4	82.8	118.2	270	183	453	90	61	151
W06000008	Ceredigion	Wales / Cymru	WAL	175.1	98.9	133.3	194	151	345	65	50	115
W06000009	Pembrokeshire / Sir Benfro	Wales / Cymru	WAL	181.1	96.9	135.1	343	252	595	114	84	198
W06000010	Cardiganshire / Sir Gaerfyrddin	Wales / Cymru	WAL	203.0	113.0	154.0	551	416	967	184	139	322
W06000011	Swansea / Abertawe	Wales / Cymru	WAL	209.6	84.0	138.3	625	362	987	208	121	329
W06000012	Neath Port Talbot / Castell-nedd Port Talbot	Wales / Cymru	WAL	203.7	101.4	146.8	370	259	629	123	86	210
W06000013	Bridgend / Pen-y-bont ar Ogwr	Wales / Cymru	WAL	180.4	79.5	122.5	309	188	497	103	63	166
W06000014	The Vale of Glamorgan / Bro Morgannwg	Wales / Cymru	WAL	152.4	65.3	102.3	244	157	401	81	52	134
W06000015	Cardiff / Caerdydd	Wales / Cymru	WAL	168.4	67.0	110.1	553	323	876	184	108	292
W06000016	Rhondda Cynon Taf / Rhondda Cynon Taf	Wales / Cymru	WAL	202.7	93.4	140.6	558	354	912	186	118	304
W06000018	Caerphilly / Caerffili	Wales / Cymru	WAL	202.9	113.6	153.8	420	310	730	140	103	243
W06000019	Blaenau Gwent	Wales / Cymru	WAL	232.9	130.9	176.3	192	149	341	64	50	114
W06000020	Torfaen / Tor-faen	Wales / Cymru	WAL	198.9	104.3	147.2	229	171	400	76	57	133
W06000021	Monmouthshire / Sir Fynwy	Wales / Cymru	WAL	177.9	67.4	115.7	247	135	382	82	45	127
W06000022	Newport / Casnewydd	Wales / Cymru	WAL	197.7	101.3	144.7	333	234	567	111	78	189
W06000023	Powys	Wales / Cymru	WAL	159.0	79.2	115.4	349	243	592	116	81	197
W06000024	Merthyr Tydfil / Merthyr Tudful	Wales / Cymru	WAL	229.8	102.6	159.7	161	94	255	54	31	85

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics
Scotland: Rates calculated in partnership with the General Register Office for Scotland.
Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Fig 1.21a ALL (jpeg)

Age-standardised CHD death rates, all ages, by local authority, United Kingdom 2013/15

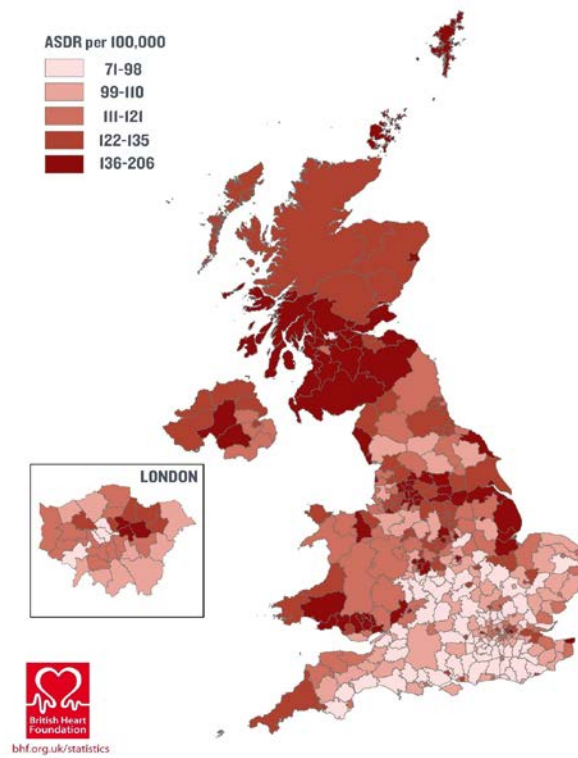


Fig 1.21b MEN (jpeg)

Age-standardised CHD death rates (men), all ages, by local authority, United Kingdom, 2013/15

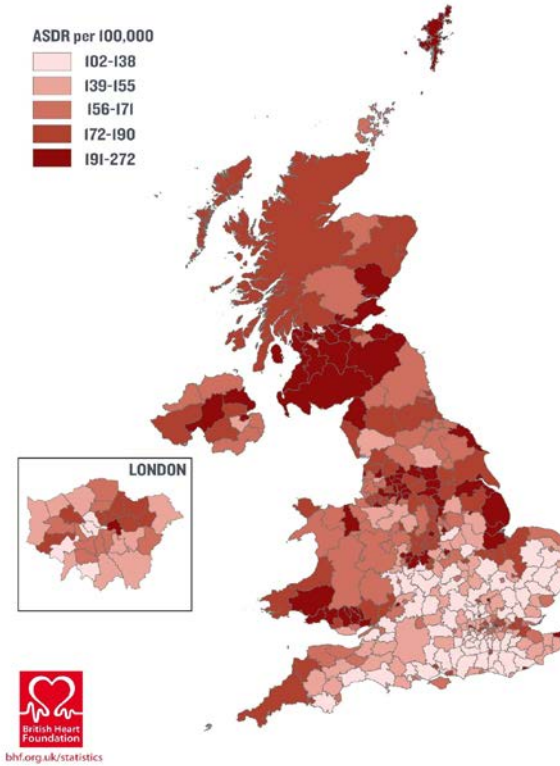


Fig 1.21c WOMEN (jpeg)

Age-standardised CHD death rates (women), all ages, by local authority, United Kingdom 2013/15

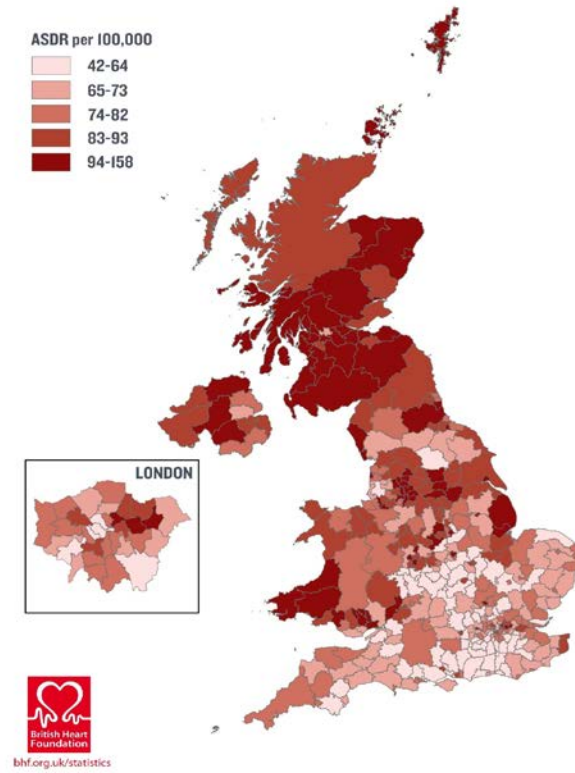


Table 1.22 Age-standardised death rates per 100,000 for CHD, under 75s by local authority, United Kingdom 2013/15

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CHD death rates per 100,000			Total number of premature CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E06000001	Hartlepool	North East	ENG	69.9	21.4	45.1	91	28	119	30	9	40
E06000002	Middlesbrough	North East	ENG	76.9	30.8	53.2	130	56	186	43	19	62
E06000003	Redcar and Cleveland	North East	ENG	64.9	17.9	40.6	136	40	176	45	13	59
E06000004	Stockton-on-Tees	North East	ENG	63.6	19.5	40.9	163	52	215	54	17	72
E06000005	Darlington	North East	ENG	55.8	21.0	38.0	84	32	116	28	11	39
E06000006	Halton	North West	ENG	67.3	30.5	48.5	120	55	175	40	18	58
E06000007	Warrington	North West	ENG	61.4	18.4	39.3	175	55	230	58	18	77
E06000008	Blackburn with Darwen	North West	ENG	93.9	35.6	64.5	166	63	229	55	21	76
E06000009	Blackpool	North West	ENG	90.7	33.6	62.0	190	71	261	63	24	87
E06000010	Kingston upon Hull, City of	Yorkshire & The Humber	ENG	85.3	28.0	56.2	259	86	345	86	29	115
E06000011	East Riding of Yorkshire	Yorkshire & The Humber	ENG	55.9	19.2	37.0	321	119	440	107	40	147
E06000012	North East Lincolnshire	Yorkshire & The Humber	ENG	78.7	19.0	48.1	176	44	220	59	15	73
E06000013	North Lincolnshire	Yorkshire & The Humber	ENG	65.3	17.7	41.2	167	47	214	56	16	71
E06000014	York	Yorkshire & The Humber	ENG	49.3	12.4	30.0	124	35	159	41	12	53
E06000015	Derby	East Midlands	ENG	73.1	24.8	48.1	213	78	291	71	26	97
E06000016	Leicester	East Midlands	ENG	99.6	29.6	63.9	330	96	426	110	32	142
E06000017	Rutland	East Midlands	ENG	34.5	3.0	18.3	21	2	23	7	1	8
E06000018	Nottingham	East Midlands	ENG	79.5	32.1	55.4	234	96	330	78	32	110
E06000019	Herefordshire, County of	West Midlands	ENG	53.4	13.9	33.2	164	45	209	55	15	70
E06000020	Telford and Wrekin	West Midlands	ENG	55.4	21.7	38.2	127	50	177	42	17	59
E06000021	Stoke-on-Trent	West Midlands	ENG	71.4	22.2	46.6	236	74	310	79	25	103
E06000022	Bath and North East Somerset	South West	ENG	34.9	10.9	22.5	84	28	112	28	9	37
E06000023	Bristol, City of	South West	ENG	57.2	19.8	38.2	257	91	348	86	30	116
E06000024	North Somerset	South West	ENG	38.7	10.9	24.3	126	38	164	42	13	55
E06000025	South Gloucestershire	South West	ENG	46.9	14.6	30.4	174	57	231	58	19	77
E06000026	Plymouth	South West	ENG	63.6	18.9	40.8	215	67	282	72	22	94
E06000027	Torbay	South West	ENG	58.8	14.0	35.7	128	35	163	43	12	54
E06000028	Bournemouth	South West	ENG	53.9	16.6	35.2	127	40	167	42	13	56
E06000029	Poole	South West	ENG	35.1	14.0	24.2	78	33	111	26	11	37
E06000030	Swindon	South West	ENG	56.5	16.2	35.9	147	42	189	49	14	63
E06000031	Peterborough	East of England	ENG	69.8	27.2	47.9	148	60	208	49	20	69
E06000032	Luton	East of England	ENG	83.3	24.2	53.3	179	52	231	60	17	77
E06000033	Southend-on-Sea	East of England	ENG	58.3	17.9	37.5	141	45	186	47	15	62
E06000034	Thurrock	East of England	ENG	61.6	19.0	39.7	113	37	150	38	12	50
E06000035	Medway	South East	ENG	67.8	20.9	44.0	236	74	310	79	25	103
E06000036	Bracknell Forest	South East	ENG	41.1	12.0	26.3	56	16	72	19	5	24
E06000037	West Berkshire	South East	ENG	41.8	9.2	25.3	91	20	111	30	7	37
E06000038	Reading	South East	ENG	61.8	24.5	42.7	93	38	131	31	13	44
E06000039	Slough	South East	ENG	90.8	19.3	54.5	117	26	143	39	9	48
E06000040	Windsor and Maidenhead	South East	ENG	50.2	10.7	29.9	98	22	120	33	7	40
E06000041	Wokingham	South East	ENG	37.2	10.5	23.5	79	22	101	26	7	34
E06000042	Milton Keynes	South East	ENG	56.3	13.5	34.3	164	40	204	55	13	68
E06000043	Brighton and Hove	South East	ENG	43.7	12.6	28.2	131	38	169	44	13	56
E06000044	Portsmouth	South East	ENG	65.6	19.8	42.5	149	44	193	50	15	64
E06000045	Southampton	South East	ENG	69.2	18.0	43.4	180	45	225	60	15	75
E06000046	Isle of Wight	South East	ENG	54.0	10.3	31.5	131	27	158	44	9	53
E06000047	County Durham	North East	ENG	56.1	22.1	38.6	432	179	611	144	60	204
E06000049	Cheshire East	North West	ENG	52.4	18.5	35.1	306	113	419	102	38	140
E06000050	Cheshire West and Chester	North West	ENG	50.1	16.9	33.1	250	88	338	83	29	113
E06000051	Shropshire	West Midlands	ENG	52.1	15.2	33.2	264	83	347	88	28	116
E06000052	Cornwall and Isles of Scilly	South West	ENG	54.7	14.0	33.7	502	137	639	167	46	213
E06000054	Wiltshire	South West	ENG	45.1	11.7	27.9	321	88	409	107	29	136
E06000055	Bedford	East of England	ENG	53.2	17.7	35.1	113	38	151	38	13	50
E06000056	Central Bedfordshire	East of England	ENG	47.0	18.4	32.4	172	71	243	57	24	81
E06000057	Northumberland	North East	ENG	55.0	16.1	34.9	288	90	378	96	30	126
E07000004	Aylesbury Vale	South East	ENG	38.8	8.1	23.1	94	20	114	31	7	38
E07000005	Chiltern	South East	ENG	28.1	1.4	14.2	39	2	41	13	1	14
E07000006	South Bucks	South East	ENG	46.0	11.3	27.7	44	12	56	15	4	19
E07000007	Wycombe	South East	ENG	41.0	10.1	25.2	95	24	119	32	8	40
E07000008	Cambridge	East of England	ENG	56.4	19.2	37.4	65	22	87	22	7	29
E07000009	East Cambridgeshire	East of England	ENG	44.6	10.2	27.1	56	12	68	19	4	23
E07000010	Fenland	East of England	ENG	68.5	22.6	45.2	105	36	141	35	12	47
E07000011	Huntingdonshire	East of England	ENG	44.4	10.2	27.0	113	27	140	38	9	47
E07000012	South Cambridgeshire	East of England	ENG	38.2	7.4	22.5	82	16	98	27	5	33
E07000026	Allerdale	North West	ENG	63.5	20.4	41.7	104	34	138	35	11	46
E07000027	Barrow-in-Furness	North West	ENG	72.3	30.8	51.5	78	34	112	26	11	37
E07000028	Carlisle	North West	ENG	57.1	18.8	37.6	94	31	125	31	10	42
E07000029	Copeland	North West	ENG	61.9	36.7	49.4	71	41	112	24	14	37
E07000030	Eden	North West	ENG	56.5	8.8	32.5	53	8	61	18	3	20
E07000031	South Lakeland	North West	ENG	37.1	11.9	24.3	71	22	93	24	7	31
E07000032	Amber Valley	East Midlands	ENG	64.4	21.4	42.7	128	44	172	43	15	57
E07000033	Bolsover	East Midlands	ENG	63.8	12.4	37.9	76	15	91	25	5	30
E07000034	Chesterfield	East Midlands	ENG	60.4	22.7	41.3	95	36	131	32	12	44
E07000035	Derbyshire Dales	East Midlands	ENG	44.9	11.6	28.0	59	16	75	20	5	25
E07000036	Erewash	East Midlands	ENG	58.1	22.6	40.1	96	39	135	32	13	45
E07000037	High Peak	East Midlands	ENG	47.8	16.2	31.7	67	23	90	22	8	30
E07000038	North East Derbyshire	East Midlands	ENG	49.1	14.7	31.5	84	26	110	28	9	37
E07000039	South Derbyshire	East Midlands	ENG	52.3	14.8	33.5	75	21	96	25	7	32
E07000040	East Devon	South West	ENG	33.8	7.0	19.8	85	20	105	28	7	35
E07000041	Exeter	South West	ENG	57.6	12.4	33.7	78	19	97	26	6	32
E07000042	Mid Devon	South West	ENG	42.2	9.0	25.3	55	12	67	18	4	22
E07000043	North Devon	South West	ENG	53.8	9.7	31.0	85	17	102	28	6	34
E07000044	South Hams	South West	ENG	35.7	7.5	21.0	58	12	70	19	4	23
E07000045	Teignbridge	South West	ENG	48.7	14.1	30.7	104	34	138	35	11	46
E07000046	Torridge	South West	ENG	61.4	9.0	34.7	73	11	84	24	4	28
E07000047	West Devon	South West	ENG	43.2	12.6	27.5	44	13	57	15	4	19
E07000048	Christchurch	South West	ENG	45.8	11.5	27.6	38	11	49	13	4	16
E07000049	East Dorset	South West	ENG	36.3	8.2	21.6	57	15	72	19	5	24
E07000050	North Dorset	South West	ENG	38.1	3.1	20.1	45	4	49	15	1	16
E07000051	Purbeck	South West	ENG	32.8	6.8	19.5	29	6	35	10	2	12
E07000052	West Dorset	South West	ENG	44.5	6.0	24.3	84	12	96	28	4	32
E07000053	Weymouth and Portland	South West	ENG	56.5	11.1	33.3	62	14	76	21	5	25
E07000061	Eastbourne	South East	ENG	40.1	14.6	26.8	59	24	83	20	8	28
E07000062	Hastings	South East	ENG	70.5	18.0	43.6	91	24	115	30	8	38
E07000063	Lewes	South East	ENG	44.1	8.0	25.2	69	15	84	23	5	28
E07000064	Rother	South East	ENG	45.6	9.4	26.5	77	19	96	26	6	32
E07000065	Wealden	South East	ENG	24.3	10.1	16.9	64	29	93	21	10	31
E07000066	Basildon	East of England	ENG	57.8	16.7	36.3	132	41	173	44	14	58
E07000067	Braintree	East of England	ENG	42.3	11.1	26.2	91	24	115	30	8	38
E07000068	Brentwood	East of England	ENG	38.1	11.0	24.0	40	12	52	13	4	17
E07000069	Castle Point	East of England	ENG	49.1	12.9	30.2	72	22	94	24	7	31
E07000070	Chelmsford	East of England	ENG	43.8	9.4	26.0	102	23	125	34	8	42

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CHD death rates per 100,000			Total number of premature CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000071	Colchester	East of England	ENG	45.0	14.8	29.3	101	36	137	34	12	46
E07000072	Epping Forest	East of England	ENG	39.2	13.9	26.1	69	25	94	23	8	31
E07000073	Harlow	East of England	ENG	54.7	24.4	39.1	54	24	78	18	8	26
E07000074	Maldon	East of England	ENG	46.3	12.4	29.2	52	15	67	17	5	22
E07000075	Rochford	East of England	ENG	27.2	9.6	18.1	38	14	52	13	5	17
E07000076	Tendring	East of England	ENG	51.8	12.0	31.0	130	35	165	43	12	55
E07000077	Uttlesford	East of England	ENG	36.0	10.4	23.2	45	12	57	15	4	19
E07000078	Cheltenham	South West	ENG	54.1	11.5	31.8	78	18	96	26	6	32
E07000079	Cotswold	South West	ENG	37.8	5.8	21.2	55	9	64	18	3	21
E07000080	Forest of Dean	South West	ENG	51.0	18.7	34.7	74	28	102	25	9	34
E07000081	Gloucester	South West	ENG	71.7	23.9	47.1	112	40	152	37	13	51
E07000082	Stroud	South West	ENG	47.2	10.4	28.4	87	20	107	29	7	36
E07000083	Tewkesbury	South West	ENG	51.9	9.1	29.7	69	13	82	23	4	27
E07000084	Basingstoke and Deane	South East	ENG	48.5	14.2	31.0	110	34	144	37	11	48
E07000085	East Hampshire	South East	ENG	38.4	8.2	22.7	72	16	88	24	5	29
E07000086	Eastleigh	South East	ENG	41.1	14.4	27.3	71	27	98	24	9	33
E07000087	Fareham	South East	ENG	33.5	6.2	19.2	59	12	71	20	4	24
E07000088	Gosport	South East	ENG	67.6	12.7	39.4	79	15	94	26	5	31
E07000089	Hart	South East	ENG	34.2	5.7	19.3	45	8	53	15	3	18
E07000090	Havant	South East	ENG	54.8	18.6	36.0	101	38	139	34	13	46
E07000091	New Forest	South East	ENG	39.7	10.0	24.2	123	34	157	41	11	52
E07000092	Rushmoor	South East	ENG	47.8	10.0	28.9	54	11	65	18	4	22
E07000093	Test Valley	South East	ENG	31.8	10.1	20.7	59	20	79	20	7	26
E07000094	Winchester	South East	ENG	27.8	8.3	17.8	46	15	61	15	5	20
E07000095	Broxbourne	East of England	ENG	54.1	14.6	33.5	65	19	84	22	6	28
E07000096	Dacorum	East of England	ENG	43.4	4.9	23.6	83	9	92	28	3	31
E07000098	Hertsmere	East of England	ENG	31.1	13.4	21.8	41	19	60	14	6	20
E07000099	North Hertfordshire	East of England	ENG	47.9	15.8	31.5	84	28	112	28	9	37
E07000102	Three Rivers	East of England	ENG	40.4	12.7	26.1	47	15	62	16	5	21
E07000103	Watford	East of England	ENG	56.7	6.2	30.9	54	6	60	18	2	20
E07000105	Ashford	South East	ENG	38.6	7.4	22.4	67	13	80	22	4	27
E07000106	Canterbury	South East	ENG	47.0	12.6	29.0	99	29	128	33	10	43
E07000107	Dartford	South East	ENG	54.0	14.4	33.7	64	18	82	21	6	27
E07000108	Dover	South East	ENG	56.0	17.8	36.6	103	33	136	34	11	45
E07000109	Gravesham	South East	ENG	51.9	16.5	33.7	70	22	92	23	7	31
E07000110	Maidstone	South East	ENG	49.4	14.4	31.5	111	33	144	37	11	48
E07000111	Sevenoaks	South East	ENG	28.8	6.7	17.3	49	12	61	16	4	20
E07000112	Shepway	South East	ENG	45.4	11.5	28.1	80	21	101	27	7	34
E07000113	Swale	South East	ENG	62.1	16.4	38.9	127	35	162	42	12	54
E07000114	Thanet	South East	ENG	66.8	14.5	39.6	141	34	175	47	11	58
E07000115	Tonbridge and Malling	South East	ENG	38.2	8.1	22.6	66	14	80	22	5	27
E07000116	Tunbridge Wells	South East	ENG	33.8	9.0	21.1	53	15	68	18	5	23
E07000117	Burnley	North West	ENG	72.5	47.8	59.9	88	60	148	29	20	49
E07000118	Chorley	North West	ENG	61.6	14.0	37.7	105	25	130	35	8	43
E07000119	Fylde	North West	ENG	47.9	12.8	29.9	63	19	82	21	6	27
E07000120	Hyndburn	North West	ENG	79.9	28.8	54.0	88	33	121	29	11	40
E07000121	Lancaster	North West	ENG	64.7	22.7	43.2	127	46	173	42	15	58
E07000122	Pendle	North West	ENG	78.0	29.4	53.3	97	38	135	32	13	45
E07000123	Preston	North West	ENG	79.7	27.1	53.4	130	43	173	43	14	58
E07000124	Ribble Valley	North West	ENG	50.5	13.7	31.7	50	14	64	17	5	21
E07000125	Rossendale	North West	ENG	71.7	28.4	49.9	71	28	99	24	9	33
E07000126	South Ribble	North West	ENG	41.4	18.1	29.4	67	31	98	22	10	33
E07000127	West Lancashire	North West	ENG	52.0	14.4	32.4	89	26	115	30	9	38
E07000128	Wyre	North West	ENG	62.9	15.5	38.4	118	32	150	39	11	50
E07000129	Blaby	East Midlands	ENG	35.7	16.5	25.8	49	24	73	16	8	24
E07000130	Charnwood	East Midlands	ENG	44.8	11.9	28.1	105	28	133	35	9	44
E07000131	Harborough	East Midlands	ENG	48.2	6.4	27.1	66	9	75	22	3	25
E07000132	Hinckley and Bosworth	East Midlands	ENG	51.9	9.4	30.3	87	16	103	29	5	34
E07000133	Melton	East Midlands	ENG	57.4	16.9	37.1	47	14	61	16	5	20
E07000134	North West Leicestershire	East Midlands	ENG	51.2	6.3	28.7	77	9	86	26	3	29
E07000135	Oadby and Wigston	East Midlands	ENG	58.0	20.8	38.7	45	17	62	15	6	21
E07000136	Boston	East Midlands	ENG	75.5	25.4	50.0	74	26	100	25	9	33
E07000137	East Lindsey	East Midlands	ENG	74.7	22.2	47.7	199	63	262	66	21	87
E07000138	Lincoln	East Midlands	ENG	71.9	29.5	50.2	76	33	109	25	11	36
E07000139	North Kesteven	East Midlands	ENG	39.9	19.4	29.3	72	37	109	24	12	36
E07000140	South Holland	East Midlands	ENG	69.6	18.6	43.5	102	29	131	34	10	44
E07000141	South Kesteven	East Midlands	ENG	56.9	14.7	35.2	125	34	159	42	11	53
E07000142	West Lindsey	East Midlands	ENG	67.2	8.6	37.4	107	14	121	36	5	40
E07000143	Breckland	East of England	ENG	39.6	13.6	26.4	88	31	119	29	10	40
E07000144	Broadland	East of England	ENG	38.5	5.5	21.5	82	12	94	27	4	31
E07000145	Great Yarmouth	East of England	ENG	61.8	18.2	39.6	99	31	130	33	10	43
E07000146	King's Lynn and West Norfolk	East of England	ENG	50.0	11.8	30.2	125	32	157	42	11	52
E07000147	North Norfolk	East of England	ENG	41.5	9.7	25.1	89	21	110	30	7	37
E07000148	Norwich	East of England	ENG	55.4	16.4	35.3	81	26	107	27	9	36
E07000149	South Norfolk	East of England	ENG	35.7	11.5	23.3	76	27	103	25	9	34
E07000150	Corby	East Midlands	ENG	76.4	20.9	47.5	58	17	75	19	6	25
E07000151	Daventry	East Midlands	ENG	38.3	8.5	23.3	49	11	60	16	4	20
E07000152	East Northamptonshire	East Midlands	ENG	53.1	11.3	32.0	72	16	88	24	5	29
E07000153	Kettering	East Midlands	ENG	51.7	9.8	30.2	71	13	84	24	4	28
E07000154	Northampton	East Midlands	ENG	64.6	22.8	43.2	167	60	227	56	20	76
E07000155	South Northamptonshire	East Midlands	ENG	39.5	10.5	25.0	54	15	69	18	5	23
E07000156	Wellingborough	East Midlands	ENG	49.7	6.3	27.5	54	7	61	18	2	20
E07000163	Craven	Yorkshire & The Humber	ENG	30.9	18.6	24.5	30	20	50	10	7	17
E07000164	Hambleton	Yorkshire & The Humber	ENG	53.1	11.2	31.5	82	19	101	27	6	34
E07000165	Harrogate	Yorkshire & The Humber	ENG	44.8	10.0	26.7	106	26	132	35	9	44
E07000166	Richmondshire	Yorkshire & The Humber	ENG	44.3	9.8	26.9	35	8	43	12	3	14
E07000167	Ryedale	Yorkshire & The Humber	ENG	41.3	9.0	25.0	41	9	50	14	3	17
E07000168	Scarborough	Yorkshire & The Humber	ENG	66.7	16.7	40.6	124	35	159	41	12	53
E07000169	Selby	Yorkshire & The Humber	ENG	58.2	16.5	37.0	76	22	98	25	7	33
E07000170	Ashfield	East Midlands	ENG	56.4	19.2	37.6	102	36	138	34	12	46
E07000171	Bassetlaw	East Midlands	ENG	46.5	16.3	31.2	85	31	116	28	10	39
E07000172	Broxtowe	East Midlands	ENG	53.3	14.7	33.4	86	25	111	29	8	37
E07000173	Gedling	East Midlands	ENG	43.7	7.1	24.7	73	13	86	24	4	29
E07000174	Mansfield	East Midlands	ENG	66.8	18.6	42.4	102	29	131	34	10	44
E07000175	Newark and Sherwood	East Midlands	ENG	54.1	13.6	33.4	100	27	127	33	9	42
E07000176	Rushcliffe	East Midlands	ENG	35.1	3.9	19.2	59	7	66	20	2	22
E07000177	Chenwell	South East	ENG	46.1	9.7	27.5	87	19	106	29	6	35
E07000178	Oxford	South East	ENG	48.8	14.5	31.0	66	20	86	22	7	29
E07000179	South Oxfordshire	South East	ENG	36.2	10.0	22.7	72	21	93	24	7	31
E07000180	Vale of White Horse	South East	ENG	39.5	7.1	23.0	71	13	84	24	4	28
E07000181	West Oxfordshire	South East	ENG	39.7	14.7	26.8	62	24	86	21	8	29
E07000187	Mendip	South West	ENG	38.9	9.4	23.7	67	17	84	22	6	28
E07000188	Sedgemoor	South West	ENG	54.0	13.5	33.3	104	28	132	35	9	44
E07000189	South Somerset	South West	ENG	49.2	13.7	31.0	134	39	173	45	13	58

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CHD death rates per 100,000			Total number of premature CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000190	Taunton Deane	South West	ENG	47.4	9.2	27.6	81	17	98	27	6	33
E07000191	West Somerset	South West	ENG	45.4	19.9	32.3	34	14	48	11	5	16
E07000192	Cannock Chase	West Midlands	ENG	62.6	25.8	43.8	87	37	124	29	12	41
E07000193	East Staffordshire	West Midlands	ENG	54.1	19.7	36.6	87	33	120	29	11	40
E07000194	Lichfield	West Midlands	ENG	50.7	12.1	31.0	88	23	111	29	8	37
E07000195	Newcastle-under-Lyme	West Midlands	ENG	56.9	23.3	39.8	106	45	151	35	15	50
E07000196	South Staffordshire	West Midlands	ENG	38.4	7.8	22.8	72	15	87	24	5	29
E07000197	Stafford	West Midlands	ENG	50.1	13.5	31.6	104	29	133	35	10	44
E07000198	Staffordshire Moorlands	West Midlands	ENG	41.2	12.6	26.8	72	23	95	24	8	32
E07000199	Tamworth	West Midlands	ENG	66.6	13.9	39.6	72	15	87	24	5	29
E07000200	Babergh	East of England	ENG	33.5	7.7	20.1	51	13	64	17	4	21
E07000201	Forest Heath	East of England	ENG	67.2	13.2	39.5	54	11	65	18	4	22
E07000202	Ipswich	East of England	ENG	57.8	13.9	35.3	92	24	116	31	8	39
E07000203	Mid Suffolk	East of England	ENG	35.9	10.3	22.9	61	17	78	20	6	26
E07000204	St Edmundsbury	East of England	ENG	40.3	10.7	24.9	68	20	88	23	7	29
E07000205	Suffolk Coastal	East of England	ENG	38.0	11.6	24.4	81	27	108	27	9	36
E07000206	Waveney	East of England	ENG	51.4	12.4	31.3	100	25	125	33	8	42
E07000207	Elmbridge	South East	ENG	36.6	5.4	20.2	60	10	70	20	3	23
E07000208	Epsom and Ewell	South East	ENG	46.2	11.0	27.9	47	11	58	16	4	19
E07000209	Guildford	South East	ENG	36.7	10.6	23.4	63	19	82	21	6	27
E07000210	Mole Valley	South East	ENG	42.1	5.5	23.2	56	8	64	19	3	21
E07000211	Reigate and Banstead	South East	ENG	47.0	11.1	28.6	87	21	108	29	7	36
E07000212	Runnymede	South East	ENG	45.1	21.0	32.9	48	22	70	16	7	23
E07000213	Spelthorne	South East	ENG	46.8	15.4	30.7	61	21	82	20	7	27
E07000214	Surrey Heath	South East	ENG	34.2	4.6	19.2	42	6	48	14	2	16
E07000215	Tandridge	South East	ENG	45.7	9.2	27.0	58	12	70	19	4	23
E07000216	Waverley	South East	ENG	38.7	12.3	24.9	68	24	92	23	8	31
E07000217	Woking	South East	ENG	31.9	8.6	20.1	41	12	53	14	4	18
E07000218	North Warwickshire	West Midlands	ENG	55.2	21.2	38.2	56	23	79	19	8	26
E07000219	Nuneaton and Bedworth	West Midlands	ENG	64.6	14.2	38.9	117	27	144	39	9	48
E07000220	Rugby	West Midlands	ENG	52.1	14.3	33.0	76	21	97	25	7	32
E07000221	Stratford-on-Avon	West Midlands	ENG	46.9	8.2	27.1	98	18	116	33	6	39
E07000222	Warwick	West Midlands	ENG	49.8	12.7	30.9	92	24	116	31	8	39
E07000223	Adur	South East	ENG	46.6	5.1	24.8	44	5	49	15	2	16
E07000224	Arun	South East	ENG	52.1	12.8	31.5	131	40	171	44	13	57
E07000225	Chichester	South East	ENG	41.3	9.5	24.6	80	20	100	27	7	33
E07000226	Crawley	South East	ENG	57.6	15.6	36.2	67	17	84	22	6	28
E07000227	Horsham	South East	ENG	39.5	9.7	24.2	82	21	103	27	7	34
E07000228	Mid Sussex	South East	ENG	34.4	9.0	21.2	69	20	89	23	7	30
E07000229	Worthing	South East	ENG	66.9	14.0	39.1	100	23	123	33	8	41
E07000234	Bromsgrove	West Midlands	ENG	32.9	5.1	18.7	49	8	57	16	3	19
E07000235	Malvern Hills	West Midlands	ENG	37.7	9.6	23.3	51	14	65	17	5	22
E07000236	Redditch	West Midlands	ENG	55.2	7.5	31.3	67	9	76	22	3	25
E07000237	Worcester	West Midlands	ENG	53.7	10.7	31.6	67	14	81	22	5	27
E07000238	Wychavon	West Midlands	ENG	33.0	16.6	24.7	68	35	103	23	12	34
E07000239	Wyre Forest	West Midlands	ENG	48.5	12.0	29.9	82	20	102	27	7	34
E07000240	St Albans	East of England	ENG	36.7	16.6	26.5	67	30	97	22	10	32
E07000241	Welwyn Hatfield	East of England	ENG	52.3	13.3	32.0	67	17	84	22	6	28
E07000242	East Hertfordshire	East of England	ENG	36.9	5.9	21.0	67	11	78	22	4	26
E07000243	Stevenage	East of England	ENG	63.7	14.5	38.6	64	17	81	21	6	27
E08000001	Bolton	North West	ENG	71.5	22.4	46.4	264	84	348	88	28	116
E08000002	Bury	North West	ENG	63.5	20.9	41.6	161	56	217	54	19	72
E08000003	Manchester	North West	ENG	108.1	39.2	72.9	464	170	634	155	57	211
E08000004	Oldham	North West	ENG	89.7	32.2	59.9	255	97	352	85	32	117
E08000005	Rochdale	North West	ENG	86.3	30.5	57.8	235	85	320	78	28	107
E08000006	Salford	North West	ENG	91.1	25.9	58.1	255	74	329	85	25	110
E08000007	Stockport	North West	ENG	49.6	16.3	32.6	203	69	272	68	23	91
E08000008	Tameside	North West	ENG	96.0	38.0	66.7	292	117	409	97	39	136
E08000009	Trafford	North West	ENG	51.2	17.4	33.8	149	53	202	50	18	67
E08000010	Wigan	North West	ENG	70.9	20.9	45.7	337	99	436	112	33	145
E08000011	Knowsley	North West	ENG	77.1	28.9	51.7	144	57	201	48	19	67
E08000012	Liverpool	North West	ENG	67.8	23.9	45.1	365	136	501	122	45	167
E08000013	St. Helens	North West	ENG	78.3	21.4	49.0	206	60	266	69	20	89
E08000014	Sefton	North West	ENG	62.7	16.6	38.4	260	76	336	87	25	112
E08000015	Mirral	North West	ENG	62.0	18.9	39.5	293	98	391	98	33	130
E08000016	Barnsley	Yorkshire & The Humber	ENG	71.4	22.4	46.7	247	79	326	82	26	109
E08000017	Doncaster	Yorkshire & The Humber	ENG	70.6	22.9	46.3	300	100	400	100	33	133
E08000018	Rotherham	Yorkshire & The Humber	ENG	64.6	20.4	42.2	245	80	325	82	27	108
E08000019	Sheffield	Yorkshire & The Humber	ENG	68.6	17.9	42.6	457	126	583	152	42	194
E08000021	Newcastle upon Tyne	North East	ENG	71.9	22.7	46.9	229	73	302	76	24	101
E08000022	North Tyneside	North East	ENG	67.2	16.2	40.4	190	50	240	63	17	80
E08000023	South Tyneside	North East	ENG	62.7	22.7	42.1	135	51	186	45	17	62
E08000024	Sunderland	North East	ENG	67.4	26.4	46.0	261	111	372	87	37	124
E08000025	Birmingham	West Midlands	ENG	82.7	25.1	53.0	918	292	1,210	306	97	403
E08000026	Coventry	West Midlands	ENG	70.4	20.7	45.1	259	79	338	86	26	113
E08000027	Dudley	West Midlands	ENG	55.4	19.8	37.3	254	94	348	85	31	116
E08000028	Sandwell	West Midlands	ENG	82.1	34.2	57.6	302	131	433	101	44	144
E08000029	Solihull	West Midlands	ENG	46.0	13.5	29.2	138	44	182	46	15	61
E08000030	Walsall	West Midlands	ENG	86.5	18.8	51.8	308	71	379	103	24	126
E08000031	Wolverhampton	West Midlands	ENG	75.6	26.4	50.3	233	85	318	78	28	106
E08000032	Bradford	Yorkshire & The Humber	ENG	77.8	24.3	50.3	461	149	610	154	50	203
E08000033	Calderdale	Yorkshire & The Humber	ENG	67.2	25.9	46.2	196	76	272	65	25	91
E08000034	Kirklees	Yorkshire & The Humber	ENG	60.9	20.0	39.9	341	117	458	114	39	153
E08000035	Leeds	Yorkshire & The Humber	ENG	75.0	20.9	46.9	659	196	855	220	65	285
E08000036	Wakefield	Yorkshire & The Humber	ENG	76.3	22.1	48.7	368	110	478	123	37	159
E08000037	Gateshead	North East	ENG	73.4	23.9	47.8	203	70	273	68	23	91
E09000001	City of London	London	ENG	34.6	0.0	18.4	4	-	4	1	-	1
E09000002	Barking and Dagenham	London	ENG	69.5	30.4	49.0	114	49	163	38	16	54
E09000003	Barnet	London	ENG	49.8	12.8	30.3	198	53	251	66	18	84
E09000004	Bexley	London	ENG	55.8	13.1	33.3	157	39	196	52	13	65
E09000005	Brent	London	ENG	69.8	24.1	46.2	211	72	283	70	24	94
E09000006	Bromley	London	ENG	47.1	12.2	28.7	184	53	237	61	18	79
E09000007	Camden	London	ENG	41.1	17.1	28.4	87	40	127	29	13	42
E09000008	Croydon	London	ENG	57.7	17.4	36.4	220	73	293	73	24	98
E09000009	Ealing	London	ENG	68.3	20.3	43.5	230	67	297	77	22	99
E09000010	Enfield	London	ENG	49.8	18.0	33.1	165	61	226	55	20	75
E09000011	Greenwich	London	ENG	55.5	24.9	39.6	128	59	187	43	20	62
E09000012	Hackney	London	ENG	78.3	22.9	49.2	136	42	178	45	14	59
E09000013	Hammersmith and Fulham	London	ENG	67.0	22.0	42.7	100	36	136	33	12	45
E09000014	Haringey	London	ENG	71.1	21.7	44.6	149	50	199	50	17	66
E09000015	Harrow	London	ENG	57.3	14.7	35.0	159	41	200	53	14	67
E09000016	Havering	London	ENG	53.0	14.1	32.7	167	48	215	56	16	72
E09000017	Hillingdon	London	ENG	68.5	16.0	41.6	211	49	260	70	16	87
E09000018	Hounslow	London	ENG	69.8	13.7	40.9	181	36	217	60	12	72

LA Code	LA/DC/UA	Region/Nation	4N	UNDER 75								
				Age standardised CHD death rates per 100,000			Total number of premature CHD deaths 2013/15			Average number of annual CHD deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E09000019	Islington	London	ENG	77.5	17.3	46.1	129	32	161	43	11	54
E09000020	Kensington and Chelsea	London	ENG	43.8	4.7	22.8	74	9	83	25	3	28
E09000021	Kingston upon Thames	London	ENG	47.8	12.3	29.6	85	23	108	28	8	36
E09000022	Lambeth	London	ENG	59.7	22.8	40.2	133	54	187	44	18	62
E09000023	Lewisham	London	ENG	60.3	17.6	37.8	147	45	192	49	15	64
E09000024	Merton	London	ENG	51.3	18.6	34.1	99	38	137	33	13	46
E09000025	Newham	London	ENG	82.5	32.2	56.1	184	74	258	61	25	86
E09000026	Redbridge	London	ENG	62.6	21.1	41.1	178	64	242	59	21	81
E09000027	Richmond upon Thames	London	ENG	44.2	14.1	28.6	99	32	131	33	11	44
E09000028	Southwark	London	ENG	62.3	19.7	40.2	142	43	185	47	14	62
E09000029	Sutton	London	ENG	54.2	18.2	35.4	122	44	166	41	15	55
E09000030	Tower Hamlets	London	ENG	75.9	27.1	51.2	123	40	163	41	13	54
E09000031	Waltham Forest	London	ENG	65.5	27.9	45.8	154	69	223	51	23	74
E09000032	Wandsworth	London	ENG	62.4	21.6	40.6	145	56	201	48	19	67
E09000033	Westminster	London	ENG	45.5	12.4	28.5	103	30	133	34	10	44
N09000001	Antrim & Newtonabbey	Northern Ireland	NI	56.0	16.9	35.7	98	32	130	33	11	43
N09000002	Armagh, Banbridge & Craigavon	Northern Ireland	NI	56.6	20.2	38.0	144	52	196	48	17	65
N09000003	Belfast	Northern Ireland	NI	84.4	25.8	53.3	311	106	417	104	35	139
N09000004	Causeway Coast & Glens	Northern Ireland	NI	52.5	19.6	35.6	101	39	140	34	13	47
N09000005	Derry & Strabane	Northern Ireland	NI	65.3	16.4	40.2	119	30	149	40	10	50
N09000006	Fermanagh & Omagh	Northern Ireland	NI	58.4	17.4	37.8	86	26	112	29	9	37
N09000007	Lisburn & Castlereagh	Northern Ireland	NI	49.4	19.2	33.6	88	37	125	29	12	42
N09000008	Mid & East Antrim	Northern Ireland	NI	67.3	16.4	41.1	128	33	161	43	11	54
N09000009	Mid Ulster	Northern Ireland	NI	60.1	24.4	42.0	98	40	138	33	13	46
N09000010	Newry, Mourne & Down	Northern Ireland	NI	50.6	19.4	34.7	107	42	149	36	14	50
N09000011	North Down & Ards	Northern Ireland	NI	52.7	19.4	35.5	126	49	175	42	16	58
S12000005	Clackmannanshire	Scotland	SCO	79.8	34.1	56.0	61	28	89	20	9	30
S12000006	Dumfries & Galloway	Scotland	SCO	72.7	27.6	49.5	186	76	262	62	25	87
S12000008	East Ayrshire	Scotland	SCO	87.4	38.3	61.8	157	74	231	52	25	77
S12000010	East Lothian	Scotland	SCO	57.0	20.4	37.7	83	33	116	28	11	39
S12000011	East Renfrewshire	Scotland	SCO	57.8	21.2	38.2	73	31	104	24	10	35
S12000013	Eilean Siar	Scotland	SCO	67.8	21.5	44.5	32	10	42	11	3	14
S12000014	Falkirk	Scotland	SCO	77.5	26.5	51.0	171	63	234	57	21	78
S12000015	Fife	Scotland	SCO	77.9	23.9	49.9	422	139	561	141	46	187
S12000017	Highland	Scotland	SCO	72.1	20.2	45.5	271	79	350	90	26	117
S12000018	Inverclyde	Scotland	SCO	79.2	35.4	56.2	95	46	141	32	15	47
S12000019	Midlothian	Scotland	SCO	70.3	22.2	45.1	86	29	115	29	10	38
S12000020	Moray	Scotland	SCO	60.8	19.4	39.3	86	30	116	29	10	39
S12000021	North Ayrshire	Scotland	SCO	90.1	32.1	59.4	190	77	267	63	26	89
S12000023	Orkney Islands	Scotland	SCO	68.3	21.2	43.9	25	8	33	8	3	11
S12000024	Perth & Kinross	Scotland	SCO	50.4	20.7	35.1	118	52	170	39	17	57
S12000026	Scottish Borders	Scotland	SCO	66.1	18.5	41.7	129	38	167	43	13	56
S12000027	Shetland Islands	Scotland	SCO	94.4	20.1	57.9	34	7	41	11	2	14
S12000028	South Ayrshire	Scotland	SCO	75.6	25.4	49.3	140	51	191	47	17	64
S12000029	South Lanarkshire	Scotland	SCO	74.1	26.5	49.0	332	132	464	111	44	155
S12000030	Stirling	Scotland	SCO	66.1	20.7	42.5	85	28	113	28	9	38
S12000033	Aberdeen City	Scotland	SCO	73.6	19.0	45.3	194	53	247	65	18	82
S12000034	Aberdeenshire	Scotland	SCO	55.7	18.3	36.7	212	71	283	71	24	94
S12000035	Argyll & Bute	Scotland	SCO	60.9	20.5	40.1	91	33	124	30	11	41
S12000036	City of Edinburgh	Scotland	SCO	68.1	19.5	42.6	379	118	497	126	39	166
S12000038	Renfrewshire	Scotland	SCO	82.8	27.1	53.4	200	72	272	67	24	91
S12000039	West Dunbartonshire	Scotland	SCO	100.9	27.2	61.4	124	38	162	41	13	54
S12000040	West Lothian	Scotland	SCO	76.0	25.5	49.7	178	64	242	59	21	81
S12000041	Angus	Scotland	SCO	62.3	18.1	39.4	115	36	151	38	12	50
S12000042	Dundee City	Scotland	SCO	93.4	36.1	63.2	169	73	242	56	24	81
S12000044	North Lanarkshire	Scotland	SCO	96.8	32.8	63.1	435	160	595	145	53	198
S12000045	East Dunbartonshire	Scotland	SCO	46.5	16.9	30.7	74	31	105	25	10	35
S12000046	Glasgow City	Scotland	SCO	106.5	33.2	68.0	704	237	941	235	79	314
W06000001	Isle of Anglesey / Ynys Môn	Wales / Cymru	WAL	64.4	18.6	41.1	77	23	100	26	8	33
W06000002	Gwynedd	Wales / Cymru	WAL	57.1	16.9	36.7	109	34	143	36	11	48
W06000003	Conwy	Wales / Cymru	WAL	60.9	17.5	38.5	119	38	157	40	13	52
W06000004	Denbighshire / Sir Ddinbych	Wales / Cymru	WAL	70.6	9.7	39.6	112	16	128	37	5	43
W06000005	Flintshire / Sir y Fflint	Wales / Cymru	WAL	63.5	22.6	42.6	149	56	205	50	19	68
W06000006	Wrexham / Wrecsam	Wales / Cymru	WAL	57.1	19.1	37.8	114	38	152	38	13	51
W06000008	Ceredigion	Wales / Cymru	WAL	49.1	21.5	35.2	59	27	86	20	9	29
W06000009	Pembrokeshire / Sir Benfro	Wales / Cymru	WAL	60.3	22.2	40.7	123	49	172	41	16	57
W06000010	Carmarthenshire / Sir Gaerfyrddin	Wales / Cymru	WAL	74.8	26.9	50.3	227	85	312	76	28	104
W06000011	Swansea / Abertawe	Wales / Cymru	WAL	79.1	21.5	48.8	255	77	332	85	26	111
W06000012	Neath Port Talbot / Castell-nedd Port Talbot	Wales / Cymru	WAL	81.4	31.1	55.5	171	69	240	57	23	80
W06000013	Bridgend / Pen-y-bont ar Ogwr	Wales / Cymru	WAL	65.8	21.7	43.0	137	48	185	46	16	62
W06000014	The Vale of Glamorgan / Bro Morgannwg	Wales / Cymru	WAL	48.0	13.3	29.9	90	27	117	30	9	39
W06000015	Cardiff / Caerdydd	Wales / Cymru	WAL	66.6	15.7	40.2	248	59	307	83	20	102
W06000016	Rhondda Cynon Taf / Rhondda Cynon Taf	Wales / Cymru	WAL	73.1	25.2	48.6	246	89	335	82	30	112
W06000018	Caerphilly / Caerffili	Wales / Cymru	WAL	79.0	30.4	54.0	203	81	284	68	27	95
W06000019	Blaenau Gwent	Wales / Cymru	WAL	69.6	30.7	50.0	73	32	105	24	11	35
W06000020	Torfaen / Tor-faen	Wales / Cymru	WAL	74.5	25.4	49.2	98	36	134	33	12	45
W06000021	Monmouthshire / Sir Fynwy	Wales / Cymru	WAL	53.6	8.7	30.6	84	14	98	28	5	33
W06000022	Newport / Casnewydd	Wales / Cymru	WAL	76.6	26.4	50.6	145	54	199	48	18	66
W06000023	Powys	Wales / Cymru	WAL	49.2	14.6	31.8	120	37	157	40	12	52
W06000024	Merthyr Tydfil / Merthyr Tudful	Wales / Cymru	WAL	90.9	28.1	58.8	76	23	99	25	8	33

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics
Scotland: Rates calculated in partnership with the General Register Office for Scotland.
Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Fig 1.22a ALL (jpeg)

Age-standardised premature death rates from CHD, by local authority, United Kingdom 2013/15

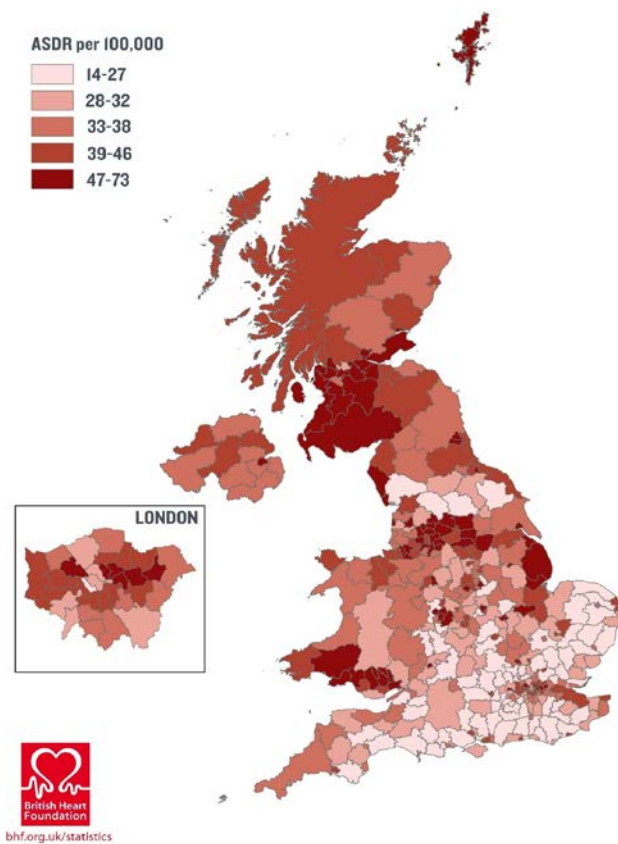


Fig 1.22b MEN (jpeg)

Age-standardised premature death rates from CHD (men), by local authority, United Kingdom 2013/15

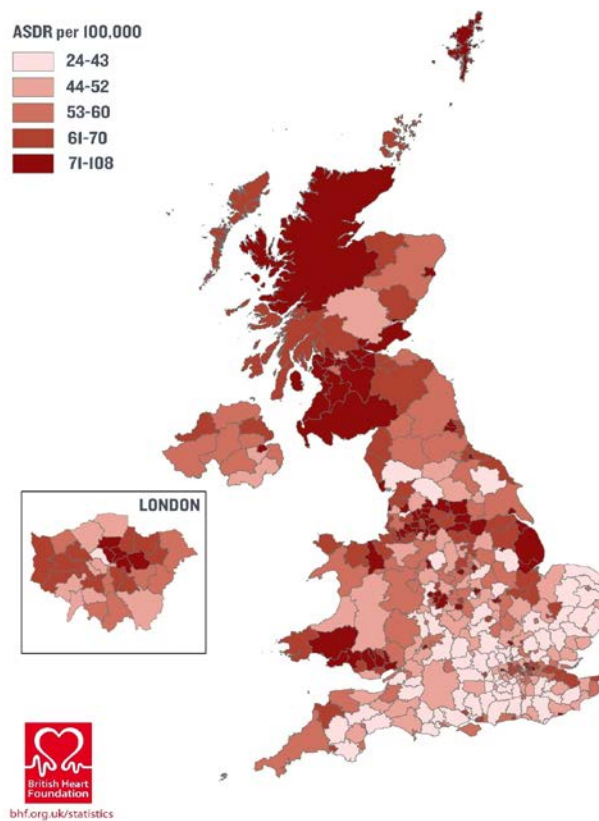
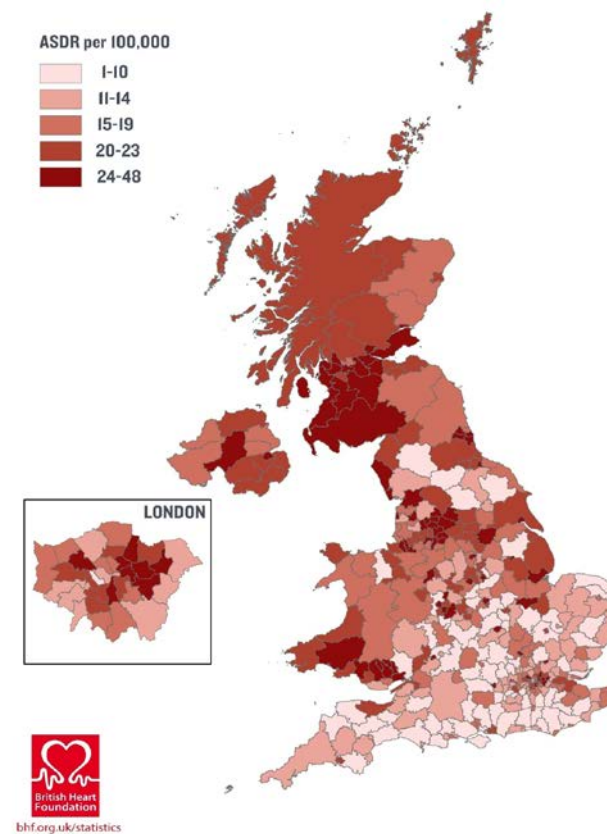


Fig 1.22c WOMEN (jpeg)

Age-standardised premature death rates from CHD (women), by local authority, United Kingdom 2013/15



1.23 Age-standardised death rates per 100,000 for stroke, all ages, by local authority, United Kingdom 2013/15

LA Code	LA/DC/UA	Region/Nation	4N	ALL AGES								
				Age standardised stroke death rates per 100,000			Total number of stroke deaths 2013/15			Average number of annual stroke deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E06000001	Hartlepool	North East	ENG	75.1	71.1	73.2	80	110	190	27	37	63
E06000002	Middlesbrough	North East	ENG	87.1	76.1	81.4	119	157	276	40	52	92
E06000003	Redcar and Cleveland	North East	ENG	70.9	76.4	74.4	125	192	317	42	64	106
E06000004	Stockton-on-Tees	North East	ENG	76.0	62.1	67.5	150	184	334	50	61	111
E06000005	Darlington	North East	ENG	70.3	69.1	70.0	88	135	223	29	45	74
E06000006	Halton	North West	ENG	50.0	81.2	68.9	63	140	203	21	47	68
E06000007	Warrington	North West	ENG	71.5	72.2	72.2	150	225	375	50	75	125
E06000008	Blackburn with Darwen	North West	ENG	73.8	71.9	73.4	89	131	220	30	44	73
E06000009	Blackpool	North West	ENG	87.9	78.6	82.5	151	213	364	50	71	121
E06000010	Kingston upon Hull, City of	Yorkshire & The Humber	ENG	82.0	89.5	87.7	197	318	515	66	106	172
E06000011	East Riding of Yorkshire	Yorkshire & The Humber	ENG	76.0	78.7	78.0	360	559	919	120	186	306
E06000012	North East Lincolnshire	Yorkshire & The Humber	ENG	73.7	56.2	63.2	139	161	300	46	54	100
E06000013	North Lincolnshire	Yorkshire & The Humber	ENG	63.3	68.5	67.4	127	211	338	42	70	113
E06000014	York	Yorkshire & The Humber	ENG	70.0	69.6	69.9	159	256	415	53	85	138
E06000015	Derby	East Midlands	ENG	66.2	57.9	62.3	176	237	413	59	79	138
E06000016	Leicester	East Midlands	ENG	74.4	63.8	68.8	194	257	451	65	86	150
E06000017	Rutland	East Midlands	ENG	71.8	49.9	58.9	40	43	83	13	14	28
E06000018	Nottingham	East Midlands	ENG	68.3	63.4	66.0	169	241	410	56	80	137
E06000019	Herefordshire, County of	West Midlands	ENG	69.7	71.8	71.8	190	297	487	63	99	162
E06000020	Telford and Wrekin	West Midlands	ENG	72.8	58.6	65.6	121	132	253	40	44	84
E06000021	Stoke-on-Trent	West Midlands	ENG	58.5	46.7	51.8	146	176	322	49	59	107
E06000022	Bath and North East Somerset	South West	ENG	59.5	56.2	57.4	136	201	337	45	67	112
E06000023	Bristol, City of	South West	ENG	60.5	55.2	58.1	239	335	574	80	112	191
E06000024	North Somerset	South West	ENG	64.0	61.2	63.9	194	295	489	65	98	163
E06000025	South Gloucestershire	South West	ENG	56.1	56.8	57.0	176	255	431	59	85	144
E06000026	Plymouth	South West	ENG	57.8	64.5	63.0	167	279	446	56	93	149
E06000027	Torbay	South West	ENG	79.0	70.1	74.5	169	245	414	56	82	138
E06000028	Bournemouth	South West	ENG	72.3	68.0	71.3	175	278	453	58	93	151
E06000029	Poole	South West	ENG	61.6	59.9	61.6	136	208	344	45	69	115
E06000030	Swindon	South West	ENG	60.4	59.3	60.3	127	177	304	42	59	101
E06000031	Peterborough	East of England	ENG	56.1	61.8	60.3	102	163	265	34	54	88
E06000032	Luton	East of England	ENG	78.8	61.8	69.7	141	144	285	47	48	95
E06000033	Southend-on-Sea	East of England	ENG	54.4	51.0	53.3	119	183	302	40	61	101
E06000034	Thurrock	East of England	ENG	62.0	66.7	65.5	83	135	218	28	45	73
E06000035	Medway	South East	ENG	48.7	54.5	52.4	123	198	321	41	66	107
E06000036	Bracknell Forest	South East	ENG	66.5	48.3	56.3	67	72	139	22	24	46
E06000037	West Berkshire	South East	ENG	61.0	55.7	59.1	100	135	235	33	45	78
E06000038	Reading	South East	ENG	56.9	55.0	56.7	74	108	182	25	36	61
E06000039	Slough	South East	ENG	88.3	68.3	76.5	83	90	173	28	30	58
E06000040	Windsor and Maidenhead	South East	ENG	74.0	67.8	70.8	129	182	311	43	61	104
E06000041	Wokingham	South East	ENG	62.6	51.8	55.9	101	125	226	34	42	75
E06000042	Milton Keynes	South East	ENG	66.6	61.0	63.8	125	177	302	42	59	101
E06000043	Brighton and Hove	South East	ENG	69.1	59.8	65.0	176	251	427	59	84	142
E06000044	Portsmouth	South East	ENG	68.2	56.0	61.5	130	168	298	43	56	99
E06000045	Southampton	South East	ENG	63.7	54.4	58.8	135	186	321	45	62	107
E06000046	Isle of Wight	South East	ENG	60.0	52.7	56.3	136	190	326	45	63	109
E06000047	County Durham	North East	ENG	69.4	71.8	71.9	433	626	1,059	144	209	353
E06000049	Cheshire East	North West	ENG	56.7	59.9	59.5	289	462	751	96	154	250
E06000050	Cheshire West and Chester	North West	ENG	58.9	62.0	61.3	245	386	631	82	129	210
E06000051	Shropshire	West Midlands	ENG	67.4	72.3	71.0	293	480	773	98	160	258
E06000052	Cornwall and Isles of Scilly	South West	ENG	78.1	83.4	81.6	609	991	1,600	203	330	533
E06000054	Wiltshire	South West	ENG	59.4	65.8	63.8	365	609	974	122	203	325
E06000055	Bedford	East of England	ENG	51.6	46.6	48.8	94	129	223	31	43	74
E06000056	Central Bedfordshire	East of England	ENG	48.3	57.0	54.3	144	214	358	48	71	119
E06000057	Northumberland	North East	ENG	64.8	67.0	66.4	282	418	700	94	139	233
E07000004	Aylesbury Vale	South East	ENG	52.0	52.0	53.1	94	149	243	31	50	81
E07000005	Chiltern	South East	ENG	45.7	37.5	40.6	58	76	134	19	25	45
E07000006	South Bucks	South East	ENG	69.7	44.7	55.1	64	71	135	21	24	45
E07000007	Wycombe	South East	ENG	48.1	53.6	51.6	90	149	239	30	50	80
E07000008	Cambridge	East of England	ENG	81.5	61.1	70.3	89	113	202	30	38	67
E07000009	East Cambridgeshire	East of England	ENG	54.7	43.0	47.7	54	67	121	18	22	40
E07000010	Fenland	East of England	ENG	59.9	44.1	51.3	80	90	170	27	30	57
E07000011	Huntingdonshire	East of England	ENG	60.2	53.9	57.2	114	151	265	38	50	88
E07000012	South Cambridgeshire	East of England	ENG	57.3	53.0	55.7	107	141	248	36	47	83
E07000026	Allerdale	North West	ENG	81.2	72.2	75.1	104	142	246	35	47	82
E07000027	Barrow-in-Furness	North West	ENG	101.9	89.4	95.2	83	108	191	28	36	64
E07000028	Carlisle	North West	ENG	60.7	61.6	60.5	82	125	207	27	42	69
E07000029	Copeland	North West	ENG	72.4	61.4	65.5	59	77	136	20	26	45
E07000030	Eden	North West	ENG	53.4	49.1	51.1	41	60	101	14	20	34
E07000031	South Lakeland	North West	ENG	71.7	61.3	66.4	124	168	292	41	56	97
E07000032	Amber Valley	East Midlands	ENG	49.6	62.3	58.1	75	151	226	25	50	75
E07000033	Bolsover	East Midlands	ENG	65.7	74.4	71.0	56	99	155	19	33	52
E07000034	Chesterfield	East Midlands	ENG	68.5	61.6	64.6	87	123	210	29	41	70
E07000035	Derbyshire Dales	East Midlands	ENG	67.7	55.8	62.1	71	96	167	24	32	56
E07000036	Erewash	East Midlands	ENG	68.4	57.1	63.0	93	120	213	31	40	71
E07000037	High Peak	East Midlands	ENG	65.7	68.7	69.1	69	109	178	23	36	59
E07000038	North East Derbyshire	East Midlands	ENG	48.4	69.4	61.0	69	136	205	23	45	68
E07000039	South Derbyshire	East Midlands	ENG	59.8	63.6	62.6	59	91	150	20	30	50
E07000040	East Devon	South West	ENG	51.1	62.7	58.7	139	274	413	46	91	138
E07000041	Exeter	South West	ENG	74.0	57.2	64.8	90	137	227	30	46	76
E07000042	Mid Devon	South West	ENG	57.0	60.4	59.2	64	99	163	21	33	54
E07000043	North Devon	South West	ENG	80.6	89.8	87.7	116	203	319	39	68	106
E07000044	South Hams	South West	ENG	54.4	66.1	61.7	75	136	211	25	45	70

ALL AGES												
LA Code	LA/DC/UA	Region/Nation	4N	Age standardised stroke death rates per 100,000			Total number of stroke deaths 2013/15			Average number of annual stroke deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000045	Teignbridge	South West	ENG	71.9	72.6	73.1	144	247	391	48	82	130
E07000046	Torridge	South West	ENG	101.4	93.0	98.0	100	141	241	33	47	80
E07000047	West Devon	South West	ENG	57.2	55.5	57.4	47	76	123	16	25	41
E07000048	Christchurch	South West	ENG	57.8	54.4	56.2	64	95	159	21	32	53
E07000049	East Dorset	South West	ENG	54.3	54.9	55.5	100	156	256	33	52	85
E07000050	North Dorset	South West	ENG	76.6	50.2	60.1	80	83	163	27	28	54
E07000051	Purbeck	South West	ENG	49.8	63.1	58.4	40	69	109	13	23	36
E07000052	West Dorset	South West	ENG	66.4	71.5	69.7	126	208	334	42	69	111
E07000053	Weymouth and Portland	South West	ENG	65.1	64.4	64.7	63	90	153	21	30	51
E07000061	Eastbourne	South East	ENG	53.8	57.0	56.4	93	167	260	31	56	87
E07000062	Hastings	South East	ENG	72.1	57.7	66.3	78	99	177	26	33	59
E07000063	Lewes	South East	ENG	67.3	50.3	57.2	109	135	244	36	45	81
E07000064	Rother	South East	ENG	54.6	58.2	57.2	104	179	283	35	60	94
E07000065	Wealden	South East	ENG	56.4	51.5	54.0	138	199	337	46	66	112
E07000066	Basildon	East of England	ENG	63.7	58.6	60.6	118	168	286	39	56	95
E07000067	Braintree	East of England	ENG	65.5	62.5	64.2	115	166	281	38	55	94
E07000068	Brentwood	East of England	ENG	58.7	58.4	58.3	61	91	152	20	30	51
E07000069	Castle Point	East of England	ENG	53.7	52.3	54.2	69	96	165	23	32	55
E07000070	Chelmsford	East of England	ENG	62.0	59.0	60.7	127	173	300	42	58	100
E07000071	Colchester	East of England	ENG	60.8	50.0	55.7	119	147	266	40	49	89
E07000072	Epping Forest	East of England	ENG	67.4	58.6	63.0	110	152	262	37	51	87
E07000073	Harlow	East of England	ENG	59.8	48.8	53.3	50	68	118	17	23	39
E07000074	Maldon	East of England	ENG	68.9	59.3	64.4	58	71	129	19	24	43
E07000075	Rochford	East of England	ENG	54.7	38.8	45.6	62	67	129	21	22	43
E07000076	Tendring	East of England	ENG	58.7	58.7	58.5	152	219	371	51	73	124
E07000077	Uttlesford	East of England	ENG	42.5	58.8	51.5	41	88	129	14	29	43
E07000078	Cheltenham	South West	ENG	56.6	68.9	64.9	81	159	240	27	53	80
E07000079	Cotswold	South West	ENG	61.7	47.2	54.3	83	97	180	28	32	60
E07000080	Forest of Dean	South West	ENG	60.7	74.9	70.5	70	130	200	23	43	67
E07000081	Gloucester	South West	ENG	83.2	73.4	78.1	104	144	248	35	48	83
E07000082	Stroud	South West	ENG	72.6	70.7	71.1	104	160	264	35	53	88
E07000083	Tewkesbury	South West	ENG	71.9	66.0	68.6	82	118	200	27	39	67
E07000084	Basingstoke and Deane	South East	ENG	61.0	67.0	65.1	110	160	270	37	53	90
E07000085	East Hampshire	South East	ENG	58.3	70.3	65.4	94	171	265	31	57	88
E07000086	Eastleigh	South East	ENG	42.4	55.3	50.3	63	123	186	21	41	62
E07000087	Fareham	South East	ENG	60.6	54.9	58.5	100	135	235	33	45	78
E07000088	Gosport	South East	ENG	65.4	56.7	58.9	63	81	144	21	27	48
E07000089	Hart	South East	ENG	43.9	40.4	42.2	46	63	109	15	21	36
E07000090	Havant	South East	ENG	65.7	57.7	61.3	120	155	275	40	52	92
E07000091	New Forest	South East	ENG	57.1	55.0	56.5	191	293	484	64	98	161
E07000092	Rushmoor	South East	ENG	83.5	57.7	68.1	65	71	136	22	24	45
E07000093	Test Valley	South East	ENG	56.8	45.3	49.9	84	103	187	28	34	62
E07000094	Winchester	South East	ENG	65.0	50.9	57.8	101	136	237	34	45	79
E07000095	Broxbourne	East of England	ENG	45.2	40.9	43.2	48	66	114	16	22	38
E07000096	Dacorum	East of England	ENG	54.1	50.7	52.7	91	134	225	30	45	75
E07000098	Hertsmere	East of England	ENG	65.3	43.0	52.4	80	85	165	27	28	55
E07000099	North Hertfordshire	East of England	ENG	67.2	64.8	66.0	105	156	261	35	52	87
E07000102	Three Rivers	East of England	ENG	50.5	62.4	58.3	54	107	161	18	36	54
E07000103	Watford	East of England	ENG	50.4	87.9	75.9	39	115	154	13	38	51
E07000105	Ashford	South East	ENG	60.6	56.4	58.5	84	121	205	28	40	68
E07000106	Canterbury	South East	ENG	81.9	82.6	83.5	165	279	444	55	93	148
E07000107	Dartford	South East	ENG	82.0	62.1	71.1	83	89	172	28	30	57
E07000108	Dover	South East	ENG	70.3	74.3	72.7	108	175	283	36	58	94
E07000109	Gravesham	South East	ENG	75.9	70.8	75.4	91	116	207	30	39	69
E07000110	Maidstone	South East	ENG	62.4	64.9	64.4	111	183	294	37	61	98
E07000111	Sevenoaks	South East	ENG	62.9	62.8	62.5	94	143	237	31	48	79
E07000112	Shepway	South East	ENG	55.9	50.7	53.4	89	124	213	30	41	71
E07000113	Swale	South East	ENG	43.8	48.4	47.3	67	109	176	22	36	59
E07000114	Thanet	South East	ENG	61.6	59.2	60.9	119	189	308	40	63	103
E07000115	Tonbridge and Malling	South East	ENG	63.2	55.7	59.9	92	114	206	31	38	69
E07000116	Tunbridge Wells	South East	ENG	64.0	70.4	69.2	89	162	251	30	54	84
E07000117	Burnley	North West	ENG	85.0	56.8	68.6	79	79	158	26	26	53
E07000118	Chorley	North West	ENG	63.7	63.4	64.1	74	110	184	25	37	61
E07000119	Fylde	North West	ENG	72.8	63.4	68.7	93	131	224	31	44	75
E07000120	Hyndburn	North West	ENG	72.4	63.4	68.5	63	78	141	21	26	47
E07000121	Lancaster	North West	ENG	79.5	76.8	77.4	132	201	333	44	67	111
E07000122	Pendle	North West	ENG	63.1	64.7	64.9	61	94	155	20	31	52
E07000123	Preston	North West	ENG	81.4	60.5	69.5	106	116	222	35	39	74
E07000124	Ribble Valley	North West	ENG	50.6	47.5	48.8	38	58	96	13	19	32
E07000125	Rossendale	North West	ENG	66.3	61.1	65.8	50	65	115	17	22	38
E07000126	South Ribble	North West	ENG	51.9	53.0	53.4	69	102	171	23	34	57
E07000127	West Lancashire	North West	ENG	69.5	64.0	68.2	100	128	228	33	43	76
E07000128	Wyre	North West	ENG	64.2	62.9	63.7	116	166	282	39	55	94
E07000129	Blaby	East Midlands	ENG	52.8	47.0	50.2	61	82	143	20	27	48
E07000130	Charnwood	East Midlands	ENG	50.7	55.7	54.1	98	160	258	33	53	86
E07000131	Harborough	East Midlands	ENG	58.9	42.3	49.6	64	71	135	21	24	45
E07000132	Hinckley and Bosworth	East Midlands	ENG	56.1	44.5	50.3	74	88	162	25	29	54
E07000133	Melton	East Midlands	ENG	33.0	50.2	43.9	21	48	69	7	16	23
E07000134	North West Leicestershire	East Midlands	ENG	55.9	53.8	55.6	62	88	150	21	29	50
E07000135	Oadby and Wigston	East Midlands	ENG	58.8	52.6	54.4	46	65	111	15	22	37
E07000136	Boston	East Midlands	ENG	63.3	60.6	62.8	55	80	135	18	27	45
E07000137	East Lindsey	East Midlands	ENG	59.4	64.1	62.8	144	203	347	48	68	116
E07000138	Lincoln	East Midlands	ENG	96.0	67.1	79.6	88	99	187	29	33	62

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E07000139	North Kesteven	East Midlands	ENG	60.2	50.5	54.9	93	110	203	31	37	68
E07000140	South Holland	East Midlands	ENG	48.8	53.1	51.7	69	104	173	23	35	58
E07000141	South Kesteven	East Midlands	ENG	50.4	59.7	56.6	89	161	250	30	54	83
E07000142	West Lindsey	East Midlands	ENG	58.2	64.5	61.6	72	111	183	24	37	61
E07000143	Breckland	East of England	ENG	62.3	64.2	63.8	124	191	315	41	64	105
E07000144	Broadland	East of England	ENG	64.1	69.4	67.6	127	208	335	42	69	112
E07000145	Great Yarmouth	East of England	ENG	71.3	58.8	63.7	96	123	219	32	41	73
E07000146	King's Lynn and West Norfolk	East of England	ENG	59.4	56.9	58.4	143	195	338	48	65	113
E07000147	North Norfolk	East of England	ENG	66.7	57.1	60.9	134	176	310	45	59	103
E07000148	Norwich	East of England	ENG	72.9	58.8	65.3	101	126	227	34	42	76
E07000149	South Norfolk	East of England	ENG	63.0	57.4	60.7	122	159	281	41	53	94
E07000150	Corby	East Midlands	ENG	91.8	84.0	86.9	51	65	116	17	22	39
E07000151	Daventry	East Midlands	ENG	53.5	45.0	48.6	46	57	103	15	19	34
E07000152	East Northamptonshire	East Midlands	ENG	54.9	62.5	60.3	59	96	155	20	32	52
E07000153	Kettering	East Midlands	ENG	70.9	60.3	65.4	72	97	169	24	32	56
E07000154	Northampton	East Midlands	ENG	58.0	56.4	57.9	118	170	288	39	57	96
E07000155	South Northamptonshire	East Midlands	ENG	45.4	51.1	49.7	48	76	124	16	25	41
E07000156	Wellingborough	East Midlands	ENG	58.4	45.3	50.8	48	57	105	16	19	35
E07000163	Craven	Yorkshire & The Humber	ENG	62.4	53.2	55.2	51	77	128	17	26	43
E07000164	Hambleton	Yorkshire & The Humber	ENG	65.8	54.4	59.4	87	106	193	29	35	64
E07000165	Harrogate	Yorkshire & The Humber	ENG	79.8	70.4	74.7	171	254	425	57	85	142
E07000166	Richmondshire	Yorkshire & The Humber	ENG	86.6	72.0	78.6	53	61	114	18	20	38
E07000167	Ryedale	Yorkshire & The Humber	ENG	53.7	86.4	72.6	44	102	146	15	34	49
E07000168	Scarborough	Yorkshire & The Humber	ENG	92.9	105.0	102.2	154	277	431	51	92	144
E07000169	Selby	Yorkshire & The Humber	ENG	69.3	63.8	66.6	67	92	159	22	31	53
E07000170	Ashfield	East Midlands	ENG	64.2	65.2	65.4	81	127	208	27	42	69
E07000171	Bassetlaw	East Midlands	ENG	74.1	52.6	62.0	104	107	211	35	36	70
E07000172	Broxtowe	East Midlands	ENG	56.5	78.3	69.6	78	159	237	26	53	79
E07000173	Gedling	East Midlands	ENG	65.5	62.4	64.8	95	133	228	32	44	76
E07000174	Mansfield	East Midlands	ENG	70.7	68.7	70.5	84	124	208	28	41	69
E07000175	Newark and Sherwood	East Midlands	ENG	63.9	62.0	63.4	97	134	231	32	45	77
E07000176	Rushcliffe	East Midlands	ENG	54.9	61.8	59.6	80	138	218	27	46	73
E07000177	Cherwell	South East	ENG	51.8	60.2	57.7	79	140	219	26	47	73
E07000178	Oxford	South East	ENG	61.5	56.4	59.3	75	108	183	25	36	61
E07000179	South Oxfordshire	South East	ENG	56.7	62.5	60.3	99	162	261	33	54	87
E07000180	Vale of White Horse	South East	ENG	54.2	60.7	58.3	84	144	228	28	48	76
E07000181	West Oxfordshire	South East	ENG	58.5	69.7	65.9	82	149	231	27	50	77
E07000187	Mendip	South West	ENG	73.5	68.6	70.9	110	163	273	37	54	91
E07000188	Sedgemoor	South West	ENG	52.4	65.8	61.6	89	165	254	30	55	85
E07000189	South Somerset	South West	ENG	61.4	58.8	59.9	156	221	377	52	74	126
E07000190	Taunton Deane	South West	ENG	70.5	70.5	71.5	119	184	303	40	61	101
E07000191	West Somerset	South West	ENG	48.4	67.0	60.6	32	79	111	11	26	37
E07000192	Cannock Chase	West Midlands	ENG	65.0	64.8	64.8	67	100	167	22	33	56
E07000193	East Staffordshire	West Midlands	ENG	52.8	67.9	61.2	65	129	194	22	43	65
E07000194	Lichfield	West Midlands	ENG	84.7	70.1	76.0	106	138	244	35	46	81
E07000195	Newcastle-under-Lyme	West Midlands	ENG	47.3	54.4	52.0	71	122	193	24	41	64
E07000196	South Staffordshire	West Midlands	ENG	73.3	65.8	69.1	106	146	252	35	49	84
E07000197	Stafford	West Midlands	ENG	63.6	71.3	69.1	111	178	289	37	59	96
E07000198	Staffordshire Moorlands	West Midlands	ENG	58.2	68.7	64.3	73	135	208	24	45	69
E07000199	Tamworth	West Midlands	ENG	83.4	67.2	73.7	56	73	129	19	24	43
E07000200	Babergh	East of England	ENG	52.9	59.2	56.5	72	120	192	24	40	64
E07000201	Forest Heath	East of England	ENG	61.5	44.7	52.3	43	45	88	14	15	29
E07000202	Ipswich	East of England	ENG	55.0	47.6	51.9	80	111	191	27	37	64
E07000203	Mid Suffolk	East of England	ENG	62.3	46.7	53.9	88	91	179	29	30	60
E07000204	St Edmundsbury	East of England	ENG	57.8	60.0	59.7	86	137	223	29	46	74
E07000205	Suffolk Coastal	East of England	ENG	55.0	51.7	54.1	119	167	286	40	56	95
E07000206	Waveney	East of England	ENG	55.4	62.5	60.2	109	184	293	36	61	98
E07000207	Elmbridge	South East	ENG	52.8	49.9	51.6	87	131	218	29	44	73
E07000208	Epsom and Ewell	South East	ENG	75.2	55.6	65.2	70	75	145	23	25	48
E07000209	Guildford	South East	ENG	60.3	63.3	62.3	93	149	242	31	50	81
E07000210	Mole Valley	South East	ENG	56.5	57.6	57.7	75	112	187	25	37	62
E07000211	Reigate and Banstead	South East	ENG	61.6	68.6	66.7	106	189	295	35	63	98
E07000212	Runnymede	South East	ENG	67.0	50.1	57.5	64	78	142	21	26	47
E07000213	Spelthorne	South East	ENG	59.5	46.1	52.0	72	81	153	24	27	51
E07000214	Surrey Heath	South East	ENG	44.4	49.0	47.4	46	74	120	15	25	40
E07000215	Tandridge	South East	ENG	59.7	54.7	57.4	68	96	164	23	32	55
E07000216	Waverley	South East	ENG	54.2	60.2	58.0	95	168	263	32	56	88
E07000217	Woking	South East	ENG	47.3	60.0	55.3	51	101	152	17	34	51
E07000218	North Warwickshire	West Midlands	ENG	63.6	77.3	72.4	46	89	135	15	30	45
E07000219	Nuneaton and Bedworth	West Midlands	ENG	70.2	67.8	69.6	95	137	232	32	46	77
E07000220	Rugby	West Midlands	ENG	63.7	61.3	62.4	79	111	190	26	37	63
E07000221	Stratford-on-Avon	West Midlands	ENG	56.4	61.1	60.0	107	177	284	36	59	95
E07000222	Warwick	West Midlands	ENG	52.7	54.5	54.1	84	142	226	28	47	75
E07000223	Adur	South East	ENG	66.7	57.8	61.5	64	84	148	21	28	49
E07000224	Arun	South East	ENG	68.6	58.2	63.3	197	265	462	66	88	154
E07000225	Chichester	South East	ENG	58.0	58.1	58.2	118	186	304	39	62	101
E07000226	Crawley	South East	ENG	44.8	44.9	44.1	47	66	113	16	22	38
E07000227	Horsham	South East	ENG	54.2	56.6	56.5	103	162	265	34	54	88
E07000228	Mid Sussex	South East	ENG	61.2	78.8	73.4	112	244	356	37	81	119
E07000229	Worthing	South East	ENG	55.2	68.2	63.5	88	191	279	29	64	93
E07000234	Bromsgrove	West Midlands	ENG	66.8	70.6	69.6	88	152	240	29	51	80
E07000235	Malvern Hills	West Midlands	ENG	83.5	92.7	88.7	111	181	292	37	60	97
E07000236	Redditch	West Midlands	ENG	75.5	64.6	69.2	63	76	139	21	25	46
E07000237	Worcester	West Midlands	ENG	65.5	60.2	63.2	63	97	160	21	32	53

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E07000238	Wychavon	West Midlands	ENG	65.5	66.0	66.2	116	170	286	39	57	95
E07000239	Wyre Forest	West Midlands	ENG	65.9	73.1	70.4	88	148	236	29	49	79
E07000240	St Albans	East of England	ENG	57.2	55.3	57.2	94	138	232	31	46	77
E07000241	Welwyn Hatfield	East of England	ENG	71.1	65.4	68.9	92	134	226	31	45	75
E07000242	East Hertfordshire	East of England	ENG	53.8	59.9	59.2	87	135	222	29	45	74
E07000243	Stevenage	East of England	ENG	59.7	73.5	68.6	51	93	144	17	31	48
E08000001	Bolton	North West	ENG	78.0	61.5	68.6	217	247	464	72	82	155
E08000002	Bury	North West	ENG	79.6	67.2	72.9	154	197	351	51	66	117
E08000003	Manchester	North West	ENG	95.9	86.5	90.4	304	416	720	101	139	240
E08000004	Oldham	North West	ENG	80.3	72.0	75.9	171	230	401	57	77	134
E08000005	Rochdale	North West	ENG	75.1	75.7	76.5	155	234	389	52	78	130
E08000006	Salford	North West	ENG	78.7	57.6	66.2	175	188	363	58	63	121
E08000007	Stockport	North West	ENG	62.0	61.4	62.5	218	329	547	73	110	182
E08000008	Tameside	North West	ENG	81.0	69.7	74.8	183	227	410	61	76	137
E08000009	Trafford	North West	ENG	76.4	62.9	68.5	192	250	442	64	83	147
E08000010	Wigan	North West	ENG	81.2	68.7	74.4	268	317	585	89	106	195
E08000011	Knowsley	North West	ENG	68.2	67.5	67.3	101	151	252	34	50	84
E08000012	Liverpool	North West	ENG	74.0	64.3	69.1	331	408	739	110	136	246
E08000013	St. Helens	North West	ENG	71.2	69.4	70.0	143	202	345	48	67	115
E08000014	Sefton	North West	ENG	59.2	57.7	58.7	225	352	577	75	117	192
E08000015	Wirral	North West	ENG	70.8	69.2	71.0	290	449	739	97	150	246
E08000016	Barnsley	Yorkshire & The Humber	ENG	68.9	62.2	65.5	184	240	424	61	80	141
E08000017	Doncaster	Yorkshire & The Humber	ENG	52.1	54.0	54.0	183	272	455	61	91	152
E08000018	Rotherham	Yorkshire & The Humber	ENG	56.8	66.9	62.7	163	287	450	54	96	150
E08000019	Sheffield	Yorkshire & The Humber	ENG	68.5	68.1	68.9	403	599	1,002	134	200	334
E08000021	Newcastle upon Tyne	North East	ENG	75.3	59.7	67.1	204	249	453	68	83	151
E08000022	North Tyneside	North East	ENG	76.9	72.4	75.2	178	276	454	59	92	151
E08000023	South Tyneside	North East	ENG	66.9	71.8	70.8	117	208	325	39	69	108
E08000024	Sunderland	North East	ENG	77.2	69.3	72.8	230	311	541	77	104	180
E08000025	Birmingham	West Midlands	ENG	73.0	60.7	66.5	703	877	1,580	234	292	527
E08000026	Coventry	West Midlands	ENG	69.7	56.6	62.5	225	270	495	75	90	165
E08000027	Dudley	West Midlands	ENG	69.1	55.4	61.5	264	313	577	88	104	192
E08000028	Sandwell	West Midlands	ENG	69.3	60.1	63.7	208	282	490	69	94	163
E08000029	Solihull	West Midlands	ENG	66.3	57.2	61.4	183	251	434	61	84	145
E08000030	Walsall	West Midlands	ENG	74.0	62.5	67.4	221	281	502	74	94	167
E08000031	Wolverhampton	West Midlands	ENG	68.3	67.6	68.4	196	281	477	65	94	159
E08000032	Bradford	Yorkshire & The Humber	ENG	71.3	70.7	71.8	342	518	860	114	173	287
E08000033	Calderdale	Yorkshire & The Humber	ENG	61.8	52.6	56.0	127	181	308	42	60	103
E08000034	Kirklees	Yorkshire & The Humber	ENG	75.7	69.6	73.0	318	455	773	106	152	258
E08000035	Leeds	Yorkshire & The Humber	ENG	68.6	62.2	65.4	512	699	1,211	171	233	404
E08000036	Wakefield	Yorkshire & The Humber	ENG	76.6	67.2	71.5	280	365	645	93	122	215
E08000037	Gateshead	North East	ENG	80.5	66.4	73.0	193	226	419	64	75	140
E09000001	City of London	London	ENG	-	30.6	14.8	-	3	3	-	1	1
E09000002	Barking and Dagenham	London	ENG	68.2	54.2	59.8	93	117	210	31	39	70
E09000003	Barnet	London	ENG	50.0	48.4	49.3	177	261	438	59	87	146
E09000004	Bexley	London	ENG	62.4	53.4	57.4	161	220	381	54	73	127
E09000005	Brent	London	ENG	80.1	54.6	65.9	193	177	370	64	59	123
E09000006	Bromley	London	ENG	54.7	56.0	56.0	201	334	535	67	111	178
E09000007	Camden	London	ENG	50.5	39.8	44.6	90	99	189	30	33	63
E09000008	Croydon	London	ENG	66.1	58.0	61.7	211	273	484	70	91	161
E09000009	Ealing	London	ENG	58.7	56.1	57.7	159	203	362	53	68	121
E09000010	Enfield	London	ENG	62.6	52.3	56.7	170	213	383	57	71	128
E09000011	Greenwich	London	ENG	64.9	51.9	58.7	119	147	266	40	49	89
E09000012	Hackney	London	ENG	54.5	70.9	64.4	76	117	193	25	39	64
E09000013	Hammersmith and Fulham	London	ENG	60.8	57.7	59.4	68	95	163	23	32	54
E09000014	Haringey	London	ENG	63.8	39.8	50.4	106	86	192	35	29	64
E09000015	Harrow	London	ENG	54.0	42.4	47.7	136	145	281	45	48	94
E09000016	Havering	London	ENG	62.8	54.5	57.6	183	259	442	61	86	147
E09000017	Hillingdon	London	ENG	58.1	56.6	57.9	155	205	360	52	68	120
E09000018	Hounslow	London	ENG	70.8	47.1	58.6	142	125	267	47	42	89
E09000019	Islington	London	ENG	66.7	58.9	62.7	88	104	192	29	35	64
E09000020	Kensington and Chelsea	London	ENG	60.3	37.8	47.4	84	69	153	28	23	51
E09000021	Kingston upon Thames	London	ENG	54.2	48.4	51.8	80	116	196	27	39	65
E09000022	Lambeth	London	ENG	61.9	55.2	57.9	107	129	236	36	43	79
E09000023	Lewisham	London	ENG	70.4	53.8	60.7	124	148	272	41	49	91
E09000024	Merton	London	ENG	69.1	49.7	59.1	114	125	239	38	42	80
E09000025	Newham	London	ENG	84.0	77.7	80.1	130	156	286	43	52	95
E09000026	Redbridge	London	ENG	68.5	62.5	64.7	163	223	386	54	74	129
E09000027	Richmond upon Thames	London	ENG	47.9	42.5	44.7	86	120	206	29	40	69
E09000028	Southwark	London	ENG	58.9	50.2	54.8	102	117	219	34	39	73
E09000029	Sutton	London	ENG	62.3	63.0	62.6	119	193	312	40	64	104
E09000030	Tower Hamlets	London	ENG	75.7	68.8	71.9	92	106	198	31	35	66
E09000031	Waltham Forest	London	ENG	54.4	51.5	54.6	104	142	246	35	47	82
E09000032	Wandsworth	London	ENG	61.6	55.7	58.0	112	156	268	37	52	89
E09000033	Westminster	London	ENG	63.5	48.4	55.4	122	116	238	41	39	79
N09000001	Antrim & Newtonabbey	Northern Ireland	NI	83.8	71.4	75.9	106	141	247	35	47	82
N09000002	Armagh, Banbridge & Craigavon	Northern Ireland	NI	55.7	66.2	62.3	96	178	274	32	59	91
N09000003	Belfast	Northern Ireland	NI	79.0	67.4	72.4	241	350	591	80	117	197
N09000004	Causeway Coast & Glens	Northern Ireland	NI	74.2	70.7	72.1	102	147	249	34	49	83
N09000005	Derry & Strabane	Northern Ireland	NI	69.0	65.6	67.9	84	108	192	28	36	64
N09000006	Fermanagh & Omagh	Northern Ireland	NI	86.8	61.7	73.6	99	101	200	33	34	67
N09000007	Lisburn & Castlereagh	Northern Ireland	NI	76.9	73.7	75.8	103	158	261	34	53	87
N09000008	Mid & East Antrim	Northern Ireland	NI	74.0	69.0	71.1	104	154	258	35	51	86

ALL AGES												
LA Code	LA/DC/UA	Region/Nation	4N	Age standardised stroke death rates per 100,000			Total number of stroke deaths 2013/15			Average number of annual stroke deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
N09000009	Mid Ulster	Northern Ireland	NI	86.1	71.2	77.7	97	123	220	32	41	73
N09000010	Newry, Mourne & Down	Northern Ireland	NI	79.5	65.6	71.7	119	149	268	40	50	89
N09000011	North Down & Ards	Northern Ireland	NI	67.9	65.6	67.2	115	187	302	38	62	101
S12000005	Clackmannanshire	Scotland	SCO	106.2	95.9	99.3	51	72	123	17	24	41
S12000006	Dumfries & Galloway	Scotland	SCO	81.7	87.5	85.9	176	269	445	59	90	148
S12000008	East Ayrshire	Scotland	SCO	97.9	102.9	101.1	127	203	330	42	68	110
S12000010	East Lothian	Scotland	SCO	93.4	75.1	82.6	108	134	242	36	45	81
S12000011	East Renfrewshire	Scotland	SCO	90.3	78.9	84.3	99	141	240	33	47	80
S12000013	Eilean Siar	Scotland	SCO	79.3	75.7	77.1	30	46	76	10	15	25
S12000014	Falkirk	Scotland	SCO	89.5	86.5	87.9	147	209	356	49	70	119
S12000015	Fife	Scotland	SCO	76.6	82.4	80.4	312	513	825	104	171	275
S12000017	Highland	Scotland	SCO	99.7	90.8	95.4	280	380	660	93	127	220
S12000018	Inverclyde	Scotland	SCO	96.3	91.3	93.5	83	140	223	28	47	74
S12000019	Midlothian	Scotland	SCO	82.0	98.9	92.1	72	128	200	24	43	67
S12000020	Moray	Scotland	SCO	95.2	82.8	89.4	110	139	249	37	46	83
S12000021	North Ayrshire	Scotland	SCO	87.6	78.3	82.4	137	192	329	46	64	110
S12000023	Orkney Islands	Scotland	SCO	65.2	66.6	66.3	18	26	44	6	9	15
S12000024	Perth & Kinross	Scotland	SCO	70.1	78.1	75.1	137	244	381	46	81	127
S12000026	Scottish Borders	Scotland	SCO	88.7	74.8	81.4	139	171	310	46	57	103
S12000027	Shetland Islands	Scotland	SCO	85.4	85.0	84.5	21	31	52	7	10	17
S12000028	South Ayrshire	Scotland	SCO	99.1	101.5	100.6	156	243	399	52	81	133
S12000029	South Lanarkshire	Scotland	SCO	104.5	92.0	97.3	336	482	818	112	161	273
S12000030	Stirling	Scotland	SCO	113.9	101.0	105.3	106	152	258	35	51	86
S12000033	Aberdeen City	Scotland	SCO	90.0	85.8	87.9	188	293	481	63	98	160
S12000034	Aberdeenshire	Scotland	SCO	91.5	104.8	100.3	245	411	656	82	137	219
S12000035	Argyll & Bute	Scotland	SCO	92.5	88.9	92.0	113	165	278	38	55	93
S12000036	City of Edinburgh	Scotland	SCO	75.6	79.8	79.0	348	614	962	116	205	321
S12000038	Renfrewshire	Scotland	SCO	105.4	84.8	93.8	195	241	436	65	80	145
S12000039	West Dunbartonshire	Scotland	SCO	112.1	124.1	120.5	99	182	281	33	61	94
S12000040	West Lothian	Scotland	SCO	83.0	88.9	87.4	126	188	314	42	63	105
S12000041	Angus	Scotland	SCO	77.0	84.3	81.1	113	201	314	38	67	105
S12000042	Dundee City	Scotland	SCO	87.2	69.5	76.6	136	177	313	45	59	104
S12000044	North Lanarkshire	Scotland	SCO	89.4	86.8	89.4	287	398	685	96	133	228
S12000045	East Dunbartonshire	Scotland	SCO	67.7	73.0	71.5	95	154	249	32	51	83
S12000046	Glasgow City	Scotland	SCO	104.2	97.9	102.5	516	826	1,342	172	275	447
W06000001	Isle of Anglesey / Ynys Môn	Wales / Cymru	WAL	66.0	82.5	76.5	66	129	195	22	43	65
W06000002	Gwynedd	Wales / Cymru	WAL	66.5	70.5	69.7	111	193	304	37	64	101
W06000003	Conwy	Wales / Cymru	WAL	71.3	75.5	73.6	138	229	367	46	76	122
W06000004	Denbighshire / Sir Ddinbych	Wales / Cymru	WAL	67.1	72.4	71.7	90	139	229	30	46	76
W06000005	Flintshire / Sir y Fflint	Wales / Cymru	WAL	82.3	62.9	71.8	146	158	304	49	53	101
W06000006	Wrexham / Wrecsam	Wales / Cymru	WAL	70.7	66.4	68.6	108	149	257	36	50	86
W06000008	Ceredigion	Wales / Cymru	WAL	67.1	63.1	65.6	72	101	173	24	34	58
W06000009	Pembrokeshire / Sir Benfro	Wales / Cymru	WAL	62.9	62.3	63.5	114	168	282	38	56	94
W06000010	Carmarthenshire / Sir Gaerfyrddi	Wales / Cymru	WAL	85.6	73.5	79.3	221	282	503	74	94	168
W06000011	Swansea / Abertawe	Wales / Cymru	WAL	78.6	65.9	71.7	229	294	523	76	98	174
W06000012	Neath Port Talbot / Castell-nedd	Wales / Cymru	WAL	75.4	63.6	69.3	129	166	295	43	55	98
W06000013	Bridgend / Pen-y-bont ar Ogwr	Wales / Cymru	WAL	69.4	73.9	73.2	113	176	289	38	59	96
W06000014	The Vale of Glamorgan / Bro Mo	Wales / Cymru	WAL	74.4	55.1	62.3	111	133	244	37	44	81
W06000015	Cardiff / Caerdydd	Wales / Cymru	WAL	73.6	61.2	66.6	229	314	543	76	105	181
W06000016	Rhondda Cynon Taf	Wales / Cymru	WAL	73.5	72.1	73.6	194	276	470	65	92	157
W06000018	Caerphilly / Caerffili	Wales / Cymru	WAL	73.5	72.1	73.9	143	197	340	48	66	113
W06000019	Blaenau Gwent	Wales / Cymru	WAL	81.6	66.4	74.7	68	76	144	23	25	48
W06000020	Torfaen / Tor-faen	Wales / Cymru	WAL	71.3	72.0	72.8	78	123	201	26	41	67
W06000021	Monmouthshire / Sir Fynwy	Wales / Cymru	WAL	52.9	70.5	63.5	70	139	209	23	46	70
W06000022	Newport / Casnewydd	Wales / Cymru	WAL	73.6	83.4	79.9	119	194	313	40	65	104
W06000023	Powys	Wales / Cymru	WAL	74.2	75.1	75.4	156	235	391	52	78	130
W06000024	Merthyr Tydfil / Merthyr Tudful	Wales / Cymru	WAL	65.7	77.1	72.6	42	72	114	14	24	38

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics
Scotland: Rates calculated in partnership with the General Register Office for Scotland.
Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Fig 1.23a All (peg)

Age-standardised death rates from stroke, by local authority, United Kingdom 2013/15

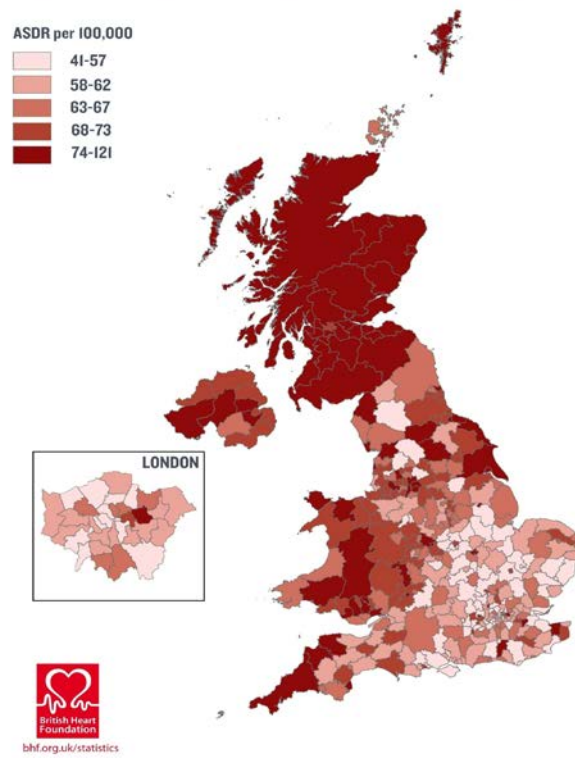


Fig 1.23b MEN (peg)

Age-standardised death rates from stroke (men), by local authority, United Kingdom 2013/15

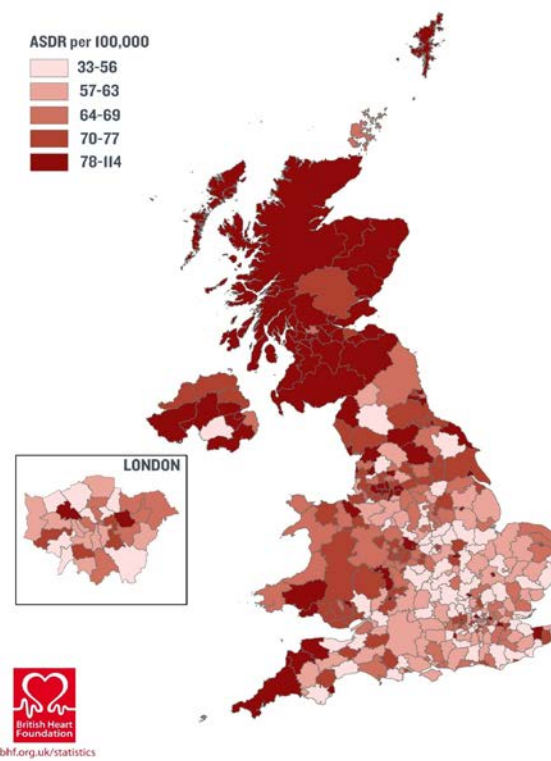
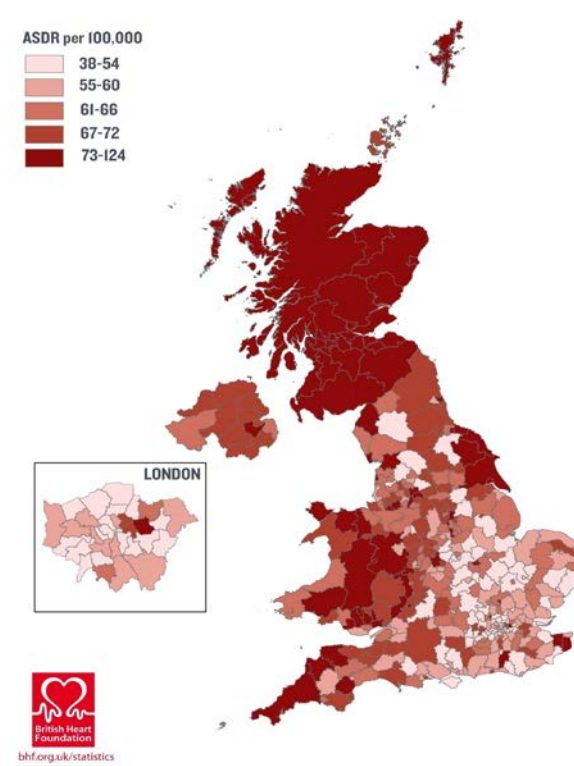


Fig 1.23c WOMEN (peg)

Age-standardised death rates from stroke (women), by local authority, United Kingdom 2013/15



1.24 Age-standardised death rates per 100,000 for stroke, under 75, by local authority, United Kingdom 2013/15

LA Code	LA/DC/UA	Region/Nation	4N	PREMATURE DEATHS (UNDER 75)								
				Age standardised stroke death rates per 100,000			Total number of premature stroke deaths 2013/15			Average number of annual premature stroke deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E06000001	Hartlepool	North East	ENG	20.0	13.9	16.9	24	17	41	8	6	14
E06000002	Middlesbrough	North East	ENG	21.5	8.9	15.0	36	16	52	12	5	17
E06000003	Redcar and Cleveland	North East	ENG	15.1	14.9	15.0	32	34	66	11	11	22
E06000004	Stockton-on-Tees	North East	ENG	13.2	10.3	11.7	33	28	61	11	9	20
E06000005	Darlington	North East	ENG	14.1	7.2	10.6	22	11	33	7	4	11
E06000006	Halton	North West	ENG	13.2	15.3	14.2	22	28	50	7	9	17
E06000007	Warrington	North West	ENG	15.9	11.8	13.8	45	36	81	15	12	27
E06000008	Blackburn with Darwen	North West	ENG	16.6	8.2	12.2	26	14	40	9	5	13
E06000009	Blackpool	North West	ENG	18.7	16.8	17.7	39	36	75	13	12	25
E06000010	Kingston upon Hull, City of	Yorkshire & The Humber	ENG	19.5	15.1	17.3	58	46	104	19	15	35
E06000011	East Riding of Yorkshire	Yorkshire & The Humber	ENG	13.9	9.6	11.7	79	58	137	26	19	46
E06000012	North East Lincolnshire	Yorkshire & The Humber	ENG	9.4	9.0	9.2	20	21	41	7	7	14
E06000013	North Lincolnshire	Yorkshire & The Humber	ENG	11.7	10.1	10.9	29	27	56	10	9	19
E06000014	York	Yorkshire & The Humber	ENG	10.4	9.0	9.6	25	25	50	8	8	17
E06000015	Derby	East Midlands	ENG	18.0	11.0	14.4	52	34	86	17	11	29
E06000016	Leicester	East Midlands	ENG	17.9	11.1	14.4	55	37	92	18	12	31
E06000017	Rutland	East Midlands	ENG	6.1	6.0	6.1	4	4	8	1	1	3
E06000018	Nottingham	East Midlands	ENG	22.2	15.5	18.7	63	48	111	21	16	37
E06000019	Herefordshire, County of	West Midlands	ENG	13.7	7.0	10.3	42	23	65	14	8	22
E06000020	Telford and Wrekin	West Midlands	ENG	20.3	7.9	14.0	46	19	65	15	6	22
E06000021	Stoke-on-Trent	West Midlands	ENG	12.9	8.5	10.7	42	29	71	14	10	24
E06000022	Bath and North East Somerset	South West	ENG	8.3	5.9	7.0	19	15	34	6	5	11
E06000023	Bristol, City of	South West	ENG	16.9	10.4	13.6	77	47	124	26	16	41
E06000024	North Somerset	South West	ENG	13.6	6.7	10.0	45	23	68	15	8	23
E06000025	South Gloucestershire	South West	ENG	10.3	8.3	9.3	38	32	70	13	11	23
E06000026	Plymouth	South West	ENG	13.8	10.5	12.1	47	38	85	16	13	28
E06000027	Torbay	South West	ENG	15.0	13.2	14.1	33	33	66	11	11	22
E06000028	Bournemouth	South West	ENG	19.8	11.1	15.4	45	27	72	15	9	24
E06000029	Poole	South West	ENG	14.1	5.9	9.9	30	14	44	10	5	15
E06000030	Swindon	South West	ENG	11.4	8.3	9.9	30	22	52	10	7	17
E06000031	Peterborough	East of England	ENG	9.5	11.4	10.5	21	25	46	7	8	15
E06000032	Luton	East of England	ENG	22.7	12.1	17.3	48	25	73	16	8	24
E06000033	Southend-on-Sea	East of England	ENG	12.1	7.4	9.7	28	18	46	9	6	15
E06000034	Thurrock	East of England	ENG	15.2	13.1	14.0	25	24	49	8	8	16
E06000035	Medway	South East	ENG	11.1	14.2	12.7	38	51	89	13	17	30
E06000036	Bracknell Forest	South East	ENG	15.4	5.3	10.2	20	7	27	7	2	9
E06000037	West Berkshire	South East	ENG	8.5	4.1	6.2	17	9	26	6	3	9
E06000038	Reading	South East	ENG	10.0	7.4	8.6	14	12	26	5	4	9
E06000039	Slough	South East	ENG	24.4	14.2	19.2	32	17	49	11	6	16
E06000040	Windsor and Maidenhead	South East	ENG	12.8	7.7	10.2	25	15	40	8	5	13
E06000041	Wokingham	South East	ENG	9.1	6.7	7.9	18	14	32	6	5	11
E06000042	Milton Keynes	South East	ENG	11.5	6.5	8.9	31	19	50	10	6	17
E06000043	Brighton and Hove	South East	ENG	16.0	7.8	11.8	45	22	67	15	7	22
E06000044	Portsmouth	South East	ENG	15.9	6.9	11.3	36	16	52	12	5	17
E06000045	Southampton	South East	ENG	12.9	7.9	10.2	31	21	52	10	7	17
E06000046	Isle of Wight	South East	ENG	9.3	8.3	8.8	23	22	45	8	7	15
E06000047	County Durham	North East	ENG	16.0	14.5	15.3	124	116	240	41	39	80
E06000049	Cheshire East	North West	ENG	13.2	9.9	11.5	77	60	137	26	20	46
E06000050	Cheshire West and Chester	North West	ENG	8.7	9.2	8.9	43	48	91	14	16	30
E06000051	Shropshire	West Midlands	ENG	10.3	8.9	9.6	51	49	100	17	16	33
E06000052	Cornwall and Isles of Scilly	South West	ENG	12.8	13.4	13.1	118	128	246	39	43	82
E06000054	Wiltshire	South West	ENG	11.2	8.7	9.9	79	66	145	26	22	48
E06000055	Bedford	East of England	ENG	7.1	8.3	7.7	15	19	34	5	6	11
E06000056	Central Bedfordshire	East of England	ENG	11.6	8.7	10.2	42	31	73	14	10	24
E06000057	Northumberland	North East	ENG	12.7	11.3	12.0	68	63	131	23	21	44
E07000004	Aylesbury Vale	South East	ENG	9.2	4.9	7.0	22	12	34	7	4	11
E07000005	Chiltern	South East	ENG	4.8	2.7	3.8	7	4	11	2	1	4
E07000006	South Bucks	South East	ENG	11.1	6.7	8.8	10	7	17	3	2	6
E07000007	Wycombe	South East	ENG	8.4	6.0	7.1	18	15	33	6	5	11
E07000008	Cambridge	East of England	ENG	16.5	6.0	11.1	18	7	25	6	2	8
E07000009	East Cambridgeshire	East of England	ENG	5.8	3.2	4.5	7	4	11	2	1	4
E07000010	Fenland	East of England	ENG	13.8	5.3	9.5	20	8	28	7	3	9
E07000011	Huntingdonshire	East of England	ENG	9.2	5.2	7.1	23	13	36	8	4	12
E07000012	South Cambridgeshire	East of England	ENG	8.2	4.7	6.4	18	10	28	6	3	9
E07000026	Allerdale	North West	ENG	12.9	12.1	12.5	22	19	41	7	6	14
E07000027	Barrow-in-Furness	North West	ENG	19.7	9.2	14.4	21	10	31	7	3	10
E07000028	Carlisle	North West	ENG	7.3	15.2	11.3	12	25	37	4	8	12
E07000029	Copeland	North West	ENG	12.1	5.4	8.8	14	6	20	5	2	7
E07000030	Eden	North West	ENG	10.8	6.6	8.8	10	6	16	3	2	5
E07000031	South Lakeland	North West	ENG	12.2	8.1	10.1	23	16	39	8	5	13
E07000032	Amber Valley	East Midlands	ENG	7.0	7.9	7.4	14	17	31	5	6	10
E07000033	Bolsover	East Midlands	ENG	10.6	10.4	10.5	12	12	24	4	4	8
E07000034	Chesterfield	East Midlands	ENG	13.4	14.7	14.1	20	24	44	7	8	15
E07000035	Derbyshire Dales	East Midlands	ENG	8.4	6.0	7.2	10	8	18	3	3	6
E07000036	Erewash	East Midlands	ENG	12.6	7.3	9.9	20	12	32	7	4	11
E07000037	High Peak	East Midlands	ENG	15.1	12.9	14.1	22	19	41	7	6	14
E07000038	North East Derbyshire	East Midlands	ENG	9.6	10.1	9.8	16	19	35	5	6	12
E07000039	South Derbyshire	East Midlands	ENG	8.5	8.3	8.4	12	12	24	4	4	8
E07000040	East Devon	South West	ENG	10.2	7.5	8.8	23	19	42	8	6	14
E07000041	Exeter	South West	ENG	15.8	5.1	10.0	20	8	28	7	3	9
E07000042	Mid Devon	South West	ENG	6.8	6.8	6.9	9	9	18	3	3	6
E07000043	North Devon	South West	ENG	12.3	9.3	10.7	19	15	34	6	5	11
E07000044	South Hams	South West	ENG	4.9	4.4	4.6	8	7	15	3	2	5
E07000045	Teignbridge	South West	ENG	11.8	8.6	10.1	24	20	44	8	7	15
E07000046	Torridge	South West	ENG	14.2	3.2	8.7	17	4	21	6	1	7
E07000047	West Devon	South West	ENG	9.4	5.7	7.5	8	7	15	3	2	5
E07000048	Christchurch	South West	ENG	4.6	5.8	5.3	4	6	10	1	2	3
E07000049	East Dorset	South West	ENG	9.4	3.2	6.1	14	5	19	5	2	6
E07000050	North Dorset	South West	ENG	8.9	2.4	5.5	11	3	14	4	1	5
E07000051	Purbeck	South West	ENG	12.5	8.8	10.6	10	7	17	3	2	6
E07000052	West Dorset	South West	ENG	10.3	9.0	9.6	19	18	37	6	6	12
E07000053	Weymouth and Portland	South West	ENG	10.5	11.0	10.8	11	12	23	4	4	8
E07000061	Eastbourne	South East	ENG	10.5	7.5	8.9	16	12	28	5	4	9
E07000062	Hastings	South East	ENG	22.2	7.3	14.6	27	10	37	9	3	12
E07000063	Lewes	South East	ENG	11.9	7.4	9.5	18	13	31	6	4	10
E07000064	Rother	South East	ENG	6.5	7.6	7.1	10	15	25	3	5	8
E07000065	Wealden	South East	ENG	9.3	3.7	6.3	24	10	34	8	3	11
E07000066	Basildon	East of England	ENG	10.6	8.9	9.8	24	22	46	8	7	15
E07000067	Braintree	East of England	ENG	13.9	10.2	11.9	30	22	52	10	7	17
E07000068	Brentwood	East of England	ENG	6.0	6.7	6.4	6	8	14	2	3	5
E07000069	Castle Point	East of England	ENG	12.7	4.0	8.1	19	6	25	6	2	8
E07000070	Chelmsford	East of England	ENG	16.0	8.3	12.0	38	20	58	13	7	19
E07000071	Colchester	East of England	ENG	12.4	8.7	10.4	28	22	50	9	7	17
E07000072	Epping Forest	East of England	ENG	13.9	9.4	11.5	24	18	42	8	6	14
E07000073	Harlow	East of England	ENG	8.9	5.7	7.1	8	6	14	3	2	5
E07000074	Maldon	East of England	ENG	7.4	5.0	6.2	7	6	13	2	2	4
E07000075	Rochford	East of England	ENG	12.6	3.6	7.9	16	5	21	5	2	7
E07000076	Tendring	East of England	ENG	12.6	15.2	14.0	32	42	74	11	14	25
E07000077	Uttlesford	East of England	ENG	3.9	5.9	5.0	5	7	12	2	2	4
E07000078	Cheltenham	South West	ENG	9.5	11.7	10.7	14	18	32	5	6	11
E07000079	Cotswold	South West	ENG	14.6	6.8	10.6	21	10	31	7	3	10
E07000080	Forest of Dean	South West	ENG	10.9	8.8	9.9	16	12	28	5	4	9
E07000081	Gloucester	South West	ENG	19.7	10.8	15.1	29	18	47	10	6	1

LA Code	LA/DC/UA	Region/Nation	4N	PREMATURE DEATHS (UNDER 75)								
				Age standardised stroke death rates per 100,000			Total number of premature stroke deaths 2013/15			Average number of annual premature stroke deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000082	Stroud	South West	ENG	6.6	9.1	7.9	12	17	29	4	6	10
E07000083	Tewkesbury	South West	ENG	10.9	9.3	10.1	14	13	27	5	4	9
E07000084	Basingstoke and Deane	South East	ENG	17.4	10.7	13.9	39	26	65	13	9	22
E07000085	East Hampshire	South East	ENG	4.5	10.4	7.6	8	21	29	3	7	10
E07000086	Eastleigh	South East	ENG	6.8	8.1	7.4	12	16	28	4	5	9
E07000087	Fareham	South East	ENG	7.4	7.4	7.4	13	14	27	4	5	9
E07000088	Gosport	South East	ENG	4.4	13.1	9.0	5	15	20	2	5	7
E07000089	Hart	South East	ENG	6.1	3.4	4.7	8	5	13	3	2	4
E07000090	Havant	South East	ENG	8.6	9.3	8.9	15	19	34	5	6	11
E07000091	New Forest	South East	ENG	8.0	6.7	7.3	23	23	46	8	8	15
E07000092	Rushmoor	South East	ENG	14.6	4.8	9.6	16	6	22	5	2	7
E07000093	Test Valley	South East	ENG	11.2	2.0	6.4	20	4	24	7	1	8
E07000094	Winchester	South East	ENG	10.5	4.4	7.3	17	8	25	6	3	8
E07000095	Broxbourne	East of England	ENG	11.7	6.2	8.8	14	8	22	5	3	7
E07000096	Dacorum	East of England	ENG	9.0	6.5	7.7	16	13	29	5	4	10
E07000098	Hertsmere	East of England	ENG	16.7	7.0	11.5	20	10	30	7	3	10
E07000099	North Hertfordshire	East of England	ENG	10.8	11.8	11.4	20	21	41	7	7	14
E07000102	Three Rivers	East of England	ENG	8.1	4.1	6.1	10	5	15	3	2	5
E07000103	Watford	East of England	ENG	14.6	6.5	10.5	14	6	20	5	2	7
E07000105	Ashford	South East	ENG	10.0	7.5	8.7	16	14	30	5	5	10
E07000106	Canterbury	South East	ENG	13.5	6.8	10.0	28	15	43	9	5	14
E07000107	Dartford	South East	ENG	22.0	11.2	16.4	24	13	37	8	4	12
E07000108	Dover	South East	ENG	9.5	8.4	8.9	18	16	34	6	5	11
E07000109	Gravesham	South East	ENG	23.4	5.9	14.4	31	8	39	10	3	13
E07000110	Maidstone	South East	ENG	7.3	10.6	9.0	16	24	40	5	8	13
E07000111	Sevenoaks	South East	ENG	10.1	10.7	10.5	16	19	35	5	6	12
E07000112	Shepway	South East	ENG	12.5	8.7	10.5	21	16	37	7	5	12
E07000113	Swale	South East	ENG	7.0	6.3	6.7	15	14	29	5	5	10
E07000114	Thanet	South East	ENG	11.8	5.9	8.7	25	14	39	8	5	13
E07000115	Tonbridge and Malling	South East	ENG	14.6	7.7	11.0	25	14	39	8	5	13
E07000116	Tunbridge Wells	South East	ENG	12.1	7.5	9.7	18	12	30	6	4	10
E07000117	Burnley	North West	ENG	20.8	8.9	14.8	25	11	36	8	4	12
E07000118	Chorley	North West	ENG	11.0	9.7	10.4	18	16	34	6	5	11
E07000119	Fylde	North West	ENG	21.4	5.2	13.0	28	8	36	9	3	12
E07000120	Hyndburn	North West	ENG	15.6	9.1	12.3	17	10	27	6	3	9
E07000121	Lancaster	North West	ENG	10.9	14.8	12.9	22	31	53	7	10	18
E07000122	Pendle	North West	ENG	13.8	4.7	9.2	17	6	23	6	2	8
E07000123	Preston	North West	ENG	14.7	9.1	11.7	22	15	37	7	5	12
E07000124	Ribble Valley	North West	ENG	10.5	4.2	7.3	10	4	14	3	1	5
E07000125	Rossendale	North West	ENG	25.8	7.8	16.7	24	8	32	8	3	11
E07000126	South Ribble	North West	ENG	11.6	9.1	10.3	18	16	34	6	5	11
E07000127	West Lancashire	North West	ENG	19.2	7.5	13.1	32	13	45	11	4	15
E07000128	Wyre	North West	ENG	15.2	15.4	15.3	28	31	59	9	10	20
E07000129	Blaby	East Midlands	ENG	14.5	7.8	11.1	19	11	30	6	4	10
E07000130	Charnwood	East Midlands	ENG	6.7	7.4	7.1	16	18	34	5	6	11
E07000131	Harborough	East Midlands	ENG	7.8	2.3	5.0	10	3	13	3	1	4
E07000132	Hinckley and Bosworth	East Midlands	ENG	11.0	3.7	7.3	18	6	24	6	2	8
E07000133	Melton	East Midlands	ENG	4.6	2.5	3.6	4	2	6	1	1	2
E07000134	North West Leicestershire	East Midlands	ENG	10.1	6.7	8.4	15	10	25	5	3	8
E07000135	Oadby and Wigston	East Midlands	ENG	3.8	9.3	6.7	3	8	11	1	3	4
E07000136	Boston	East Midlands	ENG	10.1	4.6	7.3	10	5	15	3	2	5
E07000137	East Lindsey	East Midlands	ENG	16.1	9.3	12.6	45	29	74	15	10	25
E07000138	Lincoln	East Midlands	ENG	22.5	8.4	15.3	24	9	33	8	3	11
E07000139	North Kesteven	East Midlands	ENG	11.2	5.2	8.2	21	10	31	7	3	10
E07000140	South Holland	East Midlands	ENG	7.9	6.4	7.2	12	9	21	4	3	7
E07000141	South Kesteven	East Midlands	ENG	8.3	8.7	8.5	17	19	36	6	6	12
E07000142	West Lindsey	East Midlands	ENG	6.5	8.9	7.7	11	14	25	4	5	8
E07000143	Breckland	East of England	ENG	10.7	10.8	10.7	23	25	48	8	8	16
E07000144	Broadland	East of England	ENG	10.6	6.4	8.5	22	15	37	7	5	12
E07000145	Great Yarmouth	East of England	ENG	6.8	5.5	6.1	11	9	20	4	3	7
E07000146	King's Lynn and West Norfolk	East of England	ENG	9.5	7.4	8.4	25	21	46	8	7	15
E07000147	North Norfolk	East of England	ENG	9.0	6.3	7.6	17	12	29	6	4	10
E07000148	Norwich	East of England	ENG	16.3	11.1	13.7	24	16	40	8	5	13
E07000149	South Norfolk	East of England	ENG	11.7	7.1	9.3	25	16	41	8	5	14
E07000150	Corby	East Midlands	ENG	21.0	14.8	17.8	16	12	28	5	4	9
E07000151	Daventry	East Midlands	ENG	5.3	7.0	6.1	7	8	15	2	3	5
E07000152	East Northamptonshire	East Midlands	ENG	10.1	7.7	8.9	14	10	24	5	3	8
E07000153	Kettering	East Midlands	ENG	11.0	6.4	8.7	14	8	22	5	3	7
E07000154	Northampton	East Midlands	ENG	12.6	9.9	11.2	32	25	57	11	8	19
E07000155	South Northamptonshire	East Midlands	ENG	5.0	1.5	3.2	7	2	9	2	1	3
E07000156	Wellingborough	East Midlands	ENG	9.2	6.5	7.8	10	7	17	3	2	6
E07000163	Craven	Yorkshire & The Humber	ENG	2.2	7.6	5.0	2	8	10	1	3	3
E07000164	Hambleton	Yorkshire & The Humber	ENG	4.5	4.4	4.5	7	7	14	2	2	5
E07000165	Harrogate	Yorkshire & The Humber	ENG	13.4	10.0	11.6	31	26	57	10	9	19
E07000166	Richmondshire	Yorkshire & The Humber	ENG	2.7	9.0	5.8	2	7	9	1	2	3
E07000167	Ryedale	Yorkshire & The Humber	ENG	3.0	14.4	8.8	3	14	17	1	5	6
E07000168	Scarborough	Yorkshire & The Humber	ENG	19.0	8.5	13.4	35	17	52	12	6	17
E07000169	Selby	Yorkshire & The Humber	ENG	16.5	16.1	16.1	20	22	42	7	7	14
E07000170	Ashfield	East Midlands	ENG	11.3	9.1	10.1	20	17	37	7	6	12
E07000171	Bassetlaw	East Midlands	ENG	12.7	7.3	10.0	22	13	35	7	4	12
E07000172	Broxtowe	East Midlands	ENG	4.2	14.8	9.6	7	25	32	2	8	11
E07000173	Gedling	East Midlands	ENG	15.7	7.7	11.5	26	14	40	9	5	13
E07000174	Mansfield	East Midlands	ENG	16.1	8.8	12.3	23	14	37	8	5	12
E07000175	Newark and Sherwood	East Midlands	ENG	15.5	11.4	13.4	29	22	51	10	7	17
E07000176	Rushcliffe	East Midlands	ENG	6.7	7.9	7.3	10	13	23	3	4	8
E07000177	Cherwell	South East	ENG	7.1	5.4	6.2	13	10	23	4	3	8
E07000178	Oxford	South East	ENG	12.8	7.4	10.1	18	11	29	6	4	10
E07000179	South Oxfordshire	South East	ENG	10.8	10.1	10.4	21	21	42	7	7	14
E07000180	Vale of White Horse	South East	ENG	5.8	7.6	6.7	10	14	24	3	5	8
E07000181	West Oxfordshire	South East	ENG	7.3	3.0	5.1	11	5	16	4	2	5
E07000187	Mendip	South West	ENG	7.9	9.6	8.7	13	18	31	4	6	10
E07000188	Sedgemoor	South West	ENG	14.6	6.2	10.3	28	12	40	9	4	13
E07000189	South Somerset	South West	ENG	10.7	7.5	9.1	29	21	50	10	7	17
E07000190	Taunton Deane	South West	ENG	14.7	8.4	11.4	25	15	40	8	5	13
E07000191	West Somerset	South West	ENG	5.0	2.4	3.6	4	2	6	1	1	2
E07000192	Cannock Chase	West Midlands	ENG	12.6	14.3	13.5	18	20	38	6	7	13
E07000193	East Staffordshire	West Midlands	ENG	4.5	13.9	9.3	7	23	30	2	8	10
E07000194	Lichfield	West Midlands	ENG	10.6	10.2	10.4	18	19	37	6	6	12
E07000195	Newcastle-under-Lyme	West Midlands	ENG	8.6	9.6	9.1	16	18	34	5	6	11
E07000196	South Staffordshire	West Midlands	ENG	7.8	8.6	8.2	14	17	31	5	6	10
E07000197	Stafford	West Midlands	ENG	13.2	11.3	12.2	27	24	51	9	8	17
E07000198	Staffordshire Moorlands	West Midlands	ENG	10.4	6.8	8.6	17	11	28	6	4	9
E07000199	Tamworth	West Midlands	ENG	8.2	14.0	11.1	8	16	24	3	5	8
E07000200	Babergh	East of England	ENG	9.8	5.9	7.8	15	10	25	5	3	8
E07000201	Forest Heath	East of England	ENG	12.1	2.6	7.2	9	2	11	3	1	4
E07000202	Ipswich	East of England	ENG	12.9	1.8	7.2	20	3	23	7	1	8
E07000203	Mid Suffolk	East of England	ENG	12.4	1.3	6.8	20	2	22	7	1	7
E07000204	St Edmundsbury	East of England	ENG	5.3	5.6	5.4	9	10	19	3	3	6
E07000205	Suffolk Coastal	East of England	ENG	8.3	3.0	5.6	17	7	24	6	2	8
E07000206	Waveney	East of England	ENG	11.0	5.0	7.9	21	11	32	7	4	11
E07000207	Elmbridge	South East	ENG	8.9	4.0	6.3	15	7	22	5	2	7
E07000208	Epsom and Ewell	South East	ENG	17.1	6.0	11.3	17	6	23	6	2	8
E07000209	Guildford	South East	ENG	8.8	8.1	8.4	14	14	28	5	5	9
E07000210	Mole Valley	South East	ENG	10.8	6.9	8.7	14	10	24	5	3	8
E07000211	Reigate and Banstead	South East	ENG	12.3	7.8	10.0	23	16	39	8	5	13

				PREMATURE DEATHS (UNDER 75)								
				Age standardised stroke death rates per 100,000			Total number of premature stroke deaths 2013/15			Average number of annual premature stroke deaths for 2013/15		
LA Code	LA/DC/UA	Region/Nation	4N	Men	Women	Total	Men	Women	Total	Men	Women	Total
E07000212	Runnymede	South East	ENG	7.9	5.7	6.8	8	6	14	3	2	5
E07000213	Spelthorne	South East	ENG	15.6	4.5	10.0	20	6	26	7	2	9
E07000214	Surrey Heath	South East	ENG	7.1	3.1	5.1	9	4	13	3	1	4
E07000215	Tandridge	South East	ENG	13.5	3.2	8.1	16	4	20	5	1	7
E07000216	Waverley	South East	ENG	7.2	8.9	8.1	13	17	30	4	6	10
E07000217	Woking	South East	ENG	6.9	3.1	5.0	8	4	12	3	1	4
E07000218	North Warwickshire	West Midlands	ENG	6.7	8.5	7.6	7	9	16	2	3	5
E07000219	Nuneaton and Bedworth	West Midlands	ENG	14.2	11.2	12.6	25	21	46	8	7	15
E07000220	Rugby	West Midlands	ENG	8.1	11.6	9.9	12	18	30	4	6	10
E07000221	Stratford-on-Avon	West Midlands	ENG	10.9	7.4	9.1	24	16	40	8	5	13
E07000222	Warwick	West Midlands	ENG	10.9	6.5	8.5	19	13	32	6	4	11
E07000223	Adur	South East	ENG	7.3	5.9	6.6	7	6	13	2	2	4
E07000224	Arun	South East	ENG	15.8	8.4	11.8	43	25	68	14	8	23
E07000225	Chichester	South East	ENG	7.3	7.6	7.4	14	15	29	5	5	10
E07000226	Crawley	South East	ENG	5.8	12.8	9.4	8	13	21	3	5	7
E07000227	Horsham	South East	ENG	12.7	8.4	10.5	26	19	45	9	6	15
E07000228	Mid Sussex	South East	ENG	7.3	5.4	6.3	14	11	25	5	4	8
E07000229	Worthing	South East	ENG	8.6	9.3	9.0	13	15	28	4	5	9
E07000234	Bromsgrove	West Midlands	ENG	6.5	6.6	6.5	10	10	20	3	3	7
E07000235	Malvern Hills	West Midlands	ENG	10.8	13.3	12.1	15	18	33	5	6	11
E07000236	Redditch	West Midlands	ENG	19.3	13.6	16.4	24	16	40	8	5	13
E07000237	Worcester	West Midlands	ENG	14.2	11.5	12.8	17	15	32	6	5	11
E07000238	Wychavon	West Midlands	ENG	10.9	7.5	9.2	22	15	37	7	5	12
E07000239	Wyre Forest	West Midlands	ENG	11.1	10.5	10.8	19	19	38	6	6	13
E07000240	St Albans	East of England	ENG	15.1	4.5	9.6	26	9	35	9	3	12
E07000241	Welwyn Hatfield	East of England	ENG	16.8	10.4	13.6	23	14	37	8	5	12
E07000242	East Hertfordshire	East of England	ENG	15.9	6.5	11.1	30	12	42	10	4	14
E07000243	Stevenage	East of England	ENG	18.0	14.4	16.3	17	14	31	6	5	10
E08000001	Bolton	North West	ENG	15.0	9.4	12.2	55	36	91	18	12	30
E08000002	Bury	North West	ENG	16.6	9.2	12.8	42	25	67	14	8	22
E08000003	Manchester	North West	ENG	25.9	26.4	26.0	104	118	222	35	39	74
E08000004	Oldham	North West	ENG	17.6	10.5	13.9	49	31	80	16	10	27
E08000005	Rochdale	North West	ENG	18.4	12.4	15.3	49	35	84	16	12	28
E08000006	Salford	North West	ENG	18.9	12.3	15.6	52	34	86	17	11	29
E08000007	Stockport	North West	ENG	12.5	8.1	10.3	50	34	84	17	11	28
E08000008	Tameside	North West	ENG	21.5	13.3	17.3	65	41	106	22	14	35
E08000009	Trafford	North West	ENG	14.8	9.1	11.7	39	28	67	13	9	22
E08000010	Wigan	North West	ENG	16.1	12.6	14.3	76	60	136	25	20	45
E08000011	Knowsley	North West	ENG	18.4	18.9	18.7	33	37	70	11	12	23
E08000012	Liverpool	North West	ENG	20.6	16.1	18.3	110	90	200	37	30	67
E08000013	St. Helens	North West	ENG	14.4	18.0	16.3	38	50	88	13	17	29
E08000014	Sefton	North West	ENG	13.2	11.6	12.3	53	54	107	18	18	36
E08000015	Wirral	North West	ENG	16.4	11.3	13.8	76	59	135	25	20	45
E08000016	Barnsley	Yorkshire & The Humber	ENG	15.4	10.3	12.9	54	35	89	18	12	30
E08000017	Doncaster	Yorkshire & The Humber	ENG	13.6	10.3	11.9	58	45	103	19	15	34
E08000018	Rotherham	Yorkshire & The Humber	ENG	12.2	14.9	13.6	45	58	103	15	19	34
E08000019	Sheffield	Yorkshire & The Humber	ENG	14.1	10.2	12.1	93	72	165	31	24	55
E08000021	Newcastle upon Tyne	North East	ENG	22.1	9.2	15.5	67	29	96	22	10	32
E08000022	North Tyneside	North East	ENG	18.3	11.4	14.6	49	34	83	16	11	28
E08000023	South Tyneside	North East	ENG	15.7	11.5	13.5	33	25	58	11	8	19
E08000024	Sunderland	North East	ENG	17.7	14.2	15.9	68	59	127	23	20	42
E08000025	Birmingham	West Midlands	ENG	18.0	10.8	14.3	195	127	322	65	42	107
E08000026	Coventry	West Midlands	ENG	16.7	9.7	13.1	60	37	97	20	12	32
E08000027	Dudley	West Midlands	ENG	12.7	9.0	10.8	58	43	101	19	14	34
E08000028	Sandwell	West Midlands	ENG	14.8	14.0	14.4	55	54	109	18	18	36
E08000029	Solihull	West Midlands	ENG	11.4	6.9	9.0	34	22	56	11	7	19
E08000030	Walsall	West Midlands	ENG	18.9	14.0	16.4	68	53	121	23	18	40
E08000031	Wolverhampton	West Midlands	ENG	15.0	15.1	15.1	46	49	95	15	16	32
E08000032	Bradford	Yorkshire & The Humber	ENG	16.6	14.4	15.5	97	87	184	32	29	61
E08000033	Calderdale	Yorkshire & The Humber	ENG	10.9	10.4	10.7	32	31	63	11	10	21
E08000034	Kirklees	Yorkshire & The Humber	ENG	13.7	9.7	11.6	76	57	133	25	19	44
E08000035	Leeds	Yorkshire & The Humber	ENG	14.3	10.7	12.5	126	102	228	42	34	76
E08000036	Wakefield	Yorkshire & The Humber	ENG	19.4	14.2	16.8	93	70	163	31	23	54
E08000037	Gateshead	North East	ENG	22.7	11.0	16.7	62	32	94	21	11	31
E09000001	City of London	London	ENG	-	22.2	10.0	-	2	2	-	1	1
E09000002	Barking and Dagenham	London	ENG	17.4	10.6	13.8	30	19	49	10	6	16
E09000003	Barnet	London	ENG	10.3	9.1	9.7	39	38	77	13	13	26
E09000004	Bexley	London	ENG	14.0	8.2	10.8	39	26	65	13	9	22
E09000005	Brent	London	ENG	23.0	14.6	18.5	66	48	114	22	16	38
E09000006	Bromley	London	ENG	9.7	9.1	9.4	38	41	79	13	14	26
E09000007	Camden	London	ENG	15.0	7.1	10.8	31	16	47	10	5	16
E09000008	Croydon	London	ENG	16.6	11.0	13.6	63	49	112	21	16	37
E09000009	Ealing	London	ENG	12.9	11.0	11.9	43	39	82	14	13	27
E09000010	Enfield	London	ENG	14.5	7.7	10.9	47	28	75	16	9	25
E09000011	Greenwich	London	ENG	16.4	5.4	10.6	39	15	54	13	5	18
E09000012	Hackney	London	ENG	18.2	18.3	18.3	32	33	65	11	11	22
E09000013	Hammersmith and Fulham	London	ENG	11.2	10.3	10.8	18	18	36	6	6	12
E09000014	Haringey	London	ENG	22.9	10.0	15.9	48	25	73	16	8	24
E09000015	Harrow	London	ENG	11.5	6.0	8.6	32	17	49	11	6	16
E09000016	Havering	London	ENG	8.7	10.5	9.5	27	36	63	9	12	21
E09000017	Hillingdon	London	ENG	18.7	10.6	14.5	57	34	91	19	11	30
E09000018	Hounslow	London	ENG	25.6	7.9	16.5	64	20	84	21	7	28
E09000019	Islington	London	ENG	16.1	9.3	12.6	29	18	47	10	6	16
E09000020	Kensington and Chelsea	London	ENG	11.7	2.3	6.6	19	5	24	6	2	8
E09000021	Kingston upon Thames	London	ENG	12.2	7.6	9.8	21	14	35	7	5	12
E09000022	Lambeth	London	ENG	16.9	16.7	16.8	40	39	79	13	13	26
E09000023	Lewisham	London	ENG	13.0	5.6	9.2	32	13	45	11	4	15
E09000024	Merton	London	ENG	20.3	5.1	12.2	39	11	50	13	4	17
E09000025	Newham	London	ENG	20.0	18.2	19.1	45	44	89	15	15	30
E09000026	Redbridge	London	ENG	16.2	15.9	15.9	43	50	93	14	17	31
E09000027	Richmond upon Thames	London	ENG	6.8	7.9	7.4	16	18	34	5	6	11
E09000028	Southwark	London	ENG	18.6	6.4	12.2	45	17	62	15	6	21
E09000029	Sutton	London	ENG	7.9	10.4	9.2	19	27	46	6	9	15
E09000030	Tower Hamlets	London	ENG	16.1	17.8	17.0	25	28	53	8	9	18
E09000031	Waltham Forest	London	ENG	13.5	8.7	10.9	31	22	53	10	7	18
E09000032	Wandsworth	London	ENG	16.0	14.3	15.0	38	39	77	13	13	26
E09000033	Westminster	London	ENG	16.8	9.8	13.2	37	21	58	12	7	19
N09000001	Antrim & Newtonabbey	Northern Ireland	NI	9.6	16.8	13.4	17	31	48	6	10	16
N09000002	Armagh, Banbridge & Craigavon	Northern Ireland	NI	10.3	9.6	9.9	24	26	50	8	9	17
N09000003	Belfast	Northern Ireland	NI	21.4	15.4	18.2	78	64	142	26	21	47
N09000004	Causeway Coast & Glens	Northern Ireland	NI	13.2	11.1	12.2	25	22	47	8	7	16
N09000005	Derry & Strabane	Northern Ireland	NI	13.8	10.7	12.3	25	20	45	8	7	15
N09000006	Fermanagh & Omagh	Northern Ireland	NI	22.0	6.5	14.2	33	10	43	11	3	14
N09000007	Lisburn & Castlereagh	Northern Ireland	NI	14.1	9.3	11.6	25	18	43	8	6	14
N09000008	Mid & East Antrim	Northern Ireland	NI	13.1	13.0	13.1	25	26	51	8	9	17
N09000009	Mid Ulster	Northern Ireland	NI	14.8	9.3	12.0	24	15	39	8	5	13
N09000010	Newry, Mourne & Down	Northern Ireland	NI	11.7	10.0	10.9	25	21	46	8	7	15
N09000011	North Down & Ards	Northern Ireland	NI	10.7	9.5	10.1	25	24	49	8	8	16
S12000005	Clackmannanshire	Scotland	SCO	7.3	18.6	13.4	6	15	21	2	5	7
S12000006	Dumfries & Galloway	Scotland	SCO	14.7	12.9	13.8	38	35	73	13	12	24
S12000008	East Ayrshire	Scotland	SCO	19.0	20.6	19.8	33	40	73	11	13	24
S12000010	East Lothian	Scotland	SCO	17.3	10.7	13.9	25	17	42	8	6	14
S12000011	East Renfrewshire	Scotland										

LA Code	LA/DC/UA	Region/Nation	4N	PREMATURE DEATHS (UNDER 75)								
				Age standardised stroke death rates per 100,000			Total number of premature stroke deaths 2013/15			Average number of annual premature stroke deaths for 2013/15		
				Men	Women	Total	Men	Women	Total	Men	Women	Total
S12000015	Fife	Scotland	SCO	13.6	12.4	13.0	72	72	144	24	24	48
S12000017	Highland	Scotland	SCO	20.8	13.9	17.3	77	54	131	26	18	44
S12000018	Inverclyde	Scotland	SCO	16.5	14.4	15.4	19	19	38	6	6	13
S12000019	Midlothian	Scotland	SCO	16.3	21.0	18.8	20	28	48	7	9	16
S12000020	Moray	Scotland	SCO	19.9	13.7	16.6	28	21	49	9	7	16
S12000021	North Ayrshire	Scotland	SCO	18.0	14.3	16.0	38	34	72	13	11	24
S12000023	Orkney Islands	Scotland	SCO	9.5	13.2	11.4	3	5	8	1	2	3
S12000024	Perth & Kinross	Scotland	SCO	11.7	7.9	9.7	27	20	47	9	7	16
S12000026	Scottish Borders	Scotland	SCO	16.0	13.0	14.5	30	27	57	10	9	19
S12000027	Shetland Islands	Scotland	SCO	17.3	22.8	19.7	6	8	14	2	3	5
S12000028	South Ayrshire	Scotland	SCO	19.2	16.5	17.8	37	34	71	12	11	24
S12000029	South Lanarkshire	Scotland	SCO	19.1	17.1	18.0	84	84	168	28	28	56
S12000030	Stirling	Scotland	SCO	20.3	14.4	17.2	25	20	45	8	7	15
S12000033	Aberdeen City	Scotland	SCO	20.3	17.6	18.9	53	50	103	18	17	34
S12000034	Aberdeenshire	Scotland	SCO	12.6	11.9	12.3	47	44	91	16	15	30
S12000035	Argyll & Bute	Scotland	SCO	20.5	12.3	16.3	31	20	51	10	7	17
S12000036	City of Edinburgh	Scotland	SCO	16.1	12.6	14.2	87	76	163	29	25	54
S12000038	Renfrewshire	Scotland	SCO	27.4	13.6	20.1	64	36	100	21	12	33
S12000039	West Dunbartonshire	Scotland	SCO	28.5	26.0	27.1	33	36	69	11	12	23
S12000040	West Lothian	Scotland	SCO	15.6	14.8	15.2	36	38	74	12	13	25
S12000041	Angus	Scotland	SCO	8.9	12.6	10.8	17	26	43	6	9	14
S12000042	Dundee City	Scotland	SCO	21.7	13.0	17.1	38	26	64	13	9	21
S12000044	North Lanarkshire	Scotland	SCO	28.5	17.7	22.6	121	86	207	40	29	69
S12000045	East Dunbartonshire	Scotland	SCO	12.5	10.4	11.4	20	19	39	7	6	13
S12000046	Glasgow City	Scotland	SCO	32.6	21.1	26.4	200	151	351	67	50	117
W06000001	Isle of Anglesey / Ynys Môn	Wales / Cymru	WAL	9.3	13.6	11.5	12	17	29	4	6	10
W06000002	Gwynedd	Wales / Cymru	WAL	14.9	9.8	12.4	29	19	48	10	6	16
W06000003	Conwy	Wales / Cymru	WAL	14.0	16.9	15.5	26	35	61	9	12	20
W06000004	Denbighshire / Sir Ddinbych	Wales / Cymru	WAL	12.1	1.3	6.6	19	2	21	6	1	7
W06000005	Flintshire / Sir y Fflint	Wales / Cymru	WAL	16.3	6.5	11.3	38	17	55	13	6	18
W06000006	Wrexham / Wrecsam	Wales / Cymru	WAL	12.3	8.6	10.4	24	17	41	8	6	14
W06000008	Ceredigion	Wales / Cymru	WAL	15.2	8.0	11.5	18	10	28	6	3	9
W06000009	Pembrokeshire / Sir Benfro	Wales / Cymru	WAL	7.6	8.8	8.3	16	19	35	5	6	12
W06000010	Cardiganshire / Sir Dfyniw	Wales / Cymru	WAL	18.6	9.8	14.1	57	31	88	19	10	29
W06000011	Swansea / Abertawe	Wales / Cymru	WAL	19.2	10.2	14.5	62	37	99	21	12	33
W06000012	Neath Port Talbot / Castell-nedd Port Talbot	Wales / Cymru	WAL	15.8	13.1	14.4	32	29	61	11	10	20
W06000013	Bridgend / Pen-y-bont ar Ogwr	Wales / Cymru	WAL	13.1	10.0	11.5	27	22	49	9	7	16
W06000014	The Vale of Glamorgan / Bro Morgannwg	Wales / Cymru	WAL	12.2	5.5	8.6	22	11	33	7	4	11
W06000015	Cardiff / Caerdydd	Wales / Cymru	WAL	14.3	10.0	12.1	52	39	91	17	13	30
W06000016	Rhondda Cynon Taf	Wales / Cymru	WAL	17.9	15.8	16.8	60	55	115	20	18	38
W06000018	Caerphilly / Caerffili	Wales / Cymru	WAL	17.9	14.6	16.2	46	39	85	15	13	28
W06000019	Blaenau Gwent	Wales / Cymru	WAL	19.0	9.6	14.2	20	10	30	7	3	10
W06000020	Torfaen / Tor-faen	Wales / Cymru	WAL	13.8	6.9	10.3	19	10	29	6	3	10
W06000021	Monmouthshire / Sir Fynwy	Wales / Cymru	WAL	9.0	11.2	10.2	14	18	32	5	6	11
W06000022	Newport / Casnewydd	Wales / Cymru	WAL	17.2	14.5	15.9	33	29	62	11	10	21
W06000023	Powys	Wales / Cymru	WAL	14.5	9.4	12.0	35	23	58	12	8	19
W06000024	Merthyr Tydfil / Merthyr Tudful	Wales / Cymru	WAL	11.6	8.0	9.7	10	7	17	3	2	6

Notes: ICD-10 codes I00-I99. Directly age-standardised using the 2013 European Standard Population.

Source: England and Wales: rates calculated in partnership with the Office for National Statistics
Scotland: Rates calculated in partnership with the General Register Office for Scotland.
Northern Ireland: Rates calculated in partnership with Northern Ireland Statistics and Research Agency.

Fig 1.24a

ALL (jpeg)

Age-standardised premature death rates from stroke, by local authority, United Kingdom 2013/15

ASDR per 100,000

3-8
9-10
11-12
13-14
15-27

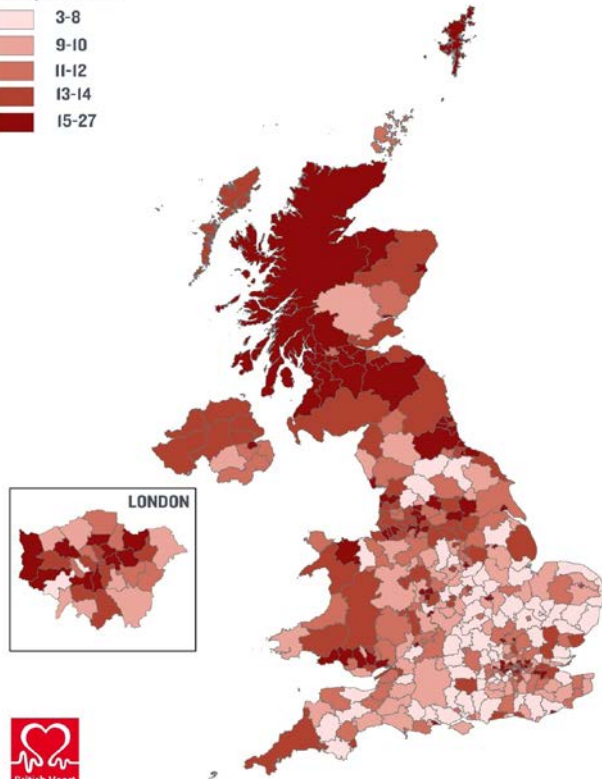


Fig 1.24b

MEN (jpeg)

Age-standardised premature death rates from stroke (men), by local authority, United Kingdom 2013/15

ASDR per 100,000

2-9
10-12
13-14
15-17
18-33

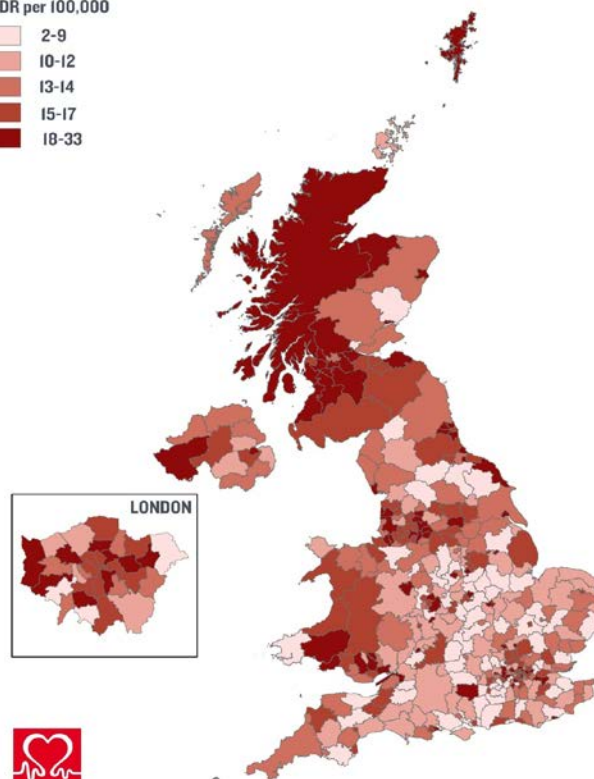


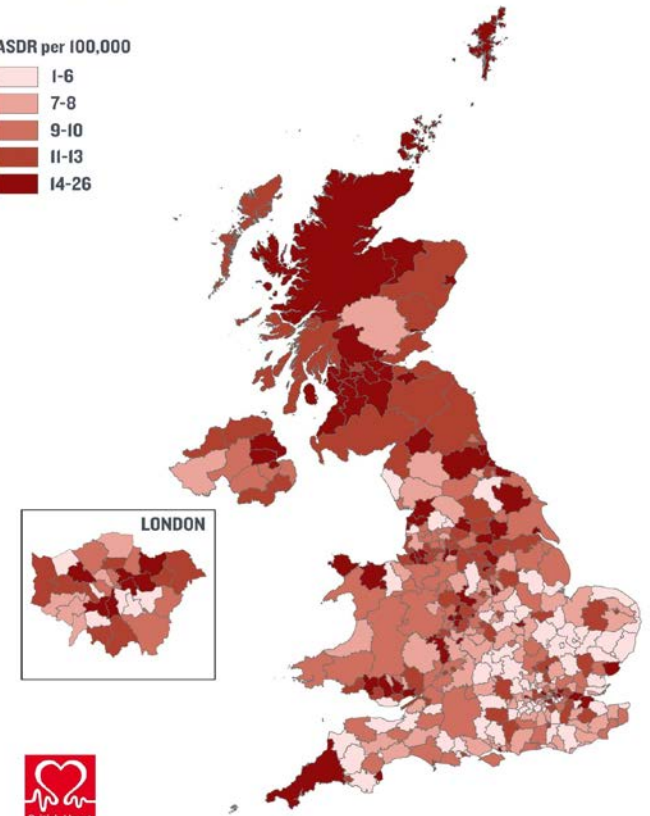
Fig 1.24c

WOMEN (jpeg)

Age-standardised premature death rates from stroke (women), by local authority, United Kingdom 2013/15

ASDR per 100,000

1-6
7-8
9-10
11-13
14-26





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Cardiovascular Disease Statistics 2017 - Chapter 2 - Morbidity

This chapter reports on the morbidity of a number of cardiovascular conditions, including coronary heart disease (CHD), myocardial infarction (heart attack), heart failure, and stroke. Drawing on data from hospital episode statistics, GP registers and national health surveys, we present current estimates as well as trend data for incidence and prevalence of these conditions. Collecting accurate data is a challenge since the presence and onset of disease is not absolute. Individuals may not be aware that they have a disease or be able to accurately report its onset. Moreover, some diseases might be misdiagnosed by health professionals. As a result, the estimates of morbidity presented in this chapter should be interpreted with some caution.

INCIDENCE

Table 2.1	Inpatient episodes by main diagnosis in NHS hospitals, by gender, England, Scotland, Wales, Northern Ireland and United Kingdom latest
Figure 2.1a-b	Inpatient episodes by main diagnosis in NHS hospitals, by gender, United Kingdom latest
Figure 2.1c-d	Inpatient episodes by main diagnosis in NHS hospitals, by gender, England 2015/16
Figure 2.1e-f	Inpatient episodes by main diagnosis in NHS hospitals, by gender, Scotland 2014/15
Figure 2.1g-h	Inpatient episodes by main diagnosis in NHS hospitals, by gender, Wales 2015/16
Figure 2.1i-j	Inpatient episodes by main diagnosis in NHS hospitals, by gender, Northern Ireland 2015/16

TRENDS IN INCIDENCE

Tables 2.2a	Inpatient episodes by main diagnosis for men, England, Scotland, Wales, Northern Ireland and United Kingdom 2005/06 - latest
Tables 2.2b	Inpatient episodes by main diagnosis for women, England, Scotland, Wales, Northern Ireland and United Kingdom 2005/06 - latest
Tables 2.2c	All inpatient episodes by main diagnosis, England, Scotland, Wales, Northern Ireland and United Kingdom 2005/06 - latest
Figure 2.2d	All inpatient episodes by main diagnosis, England 2005/06 - 2015/16
Figure 2.2e	All inpatient episodes by main diagnosis, Scotland 2009/10 - 2014/15
Figure 2.2f	All inpatient episodes by main diagnosis, Wales 2005/06 - 2015/16
Figure 2.2g	All inpatient episodes by main diagnosis, Northern Ireland 2010/11 - 2015/16

PREVALENCE

Table 2.3	Prevalence of selected cardiovascular conditions by nation and region, United Kingdom 2015/16
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TRENDS IN PREVALENCE

Table 2.4	Figure 2.4	Prevalence of cardiovascular conditions from Quality and Outcomes Framework, England 2004/05-2015/16
Table 2.5	Figure 2.5	Prevalence of cardiovascular conditions from Quality and Outcomes Framework, Scotland 2008/09-2015/16
Table 2.6	Figure 2.6	Prevalence of cardiovascular conditions from Quality and Outcomes Framework, Wales 2006/07-2015/16
Table 2.7	Figure 2.7	Prevalence of cardiovascular conditions from Quality and Outcomes Framework, Northern Ireland 2004/05-2015/16
Tables 2.8a and 2.8b	Figure 2.8	Prevalence of cardiovascular conditions by gender, Great Britain 1988-2011
Table 2.9	Figure 2.9	Prevalence of cardiovascular conditions from national health survey by gender, England 1994-2011
Table 2.10	Figure 2.10	Prevalence of cardiovascular conditions from national health survey by gender, Scotland 1995-2014
Table 2.11	Figure 2.11	Prevalence of heart conditions and stroke from national health survey by gender, Wales 2003/04-2015

Table 2.1 Inpatient episodes by main diagnosis in National Health Service hospitals by gender, England, Scotland, Wales, Northern Ireland and United Kingdom latest

	England 2015/16		Scotland 2014/15		Wales 2015/16		Northern Ireland 2015/16		United Kingdom, latest	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
All diagnoses	8,610,730	10,626,399	739,771	824,565	438,764	559,240	321,721	312,155	10,110,986	12,322,359
All diseases of the circulatory system (I00-I99)	838,567	641,753	88,497	69,179	47,575	37,493	25,922	18,566	1,000,561	766,991
Coronary heart disease (I20-I25)	261,024	132,863	31,625	16,711	15,128	8,270	10,386	4,577	318,163	162,421
Stroke (I60-I69)	102,188	101,394	13,025	13,582	5,961	6,444	1,126	1,076	122,300	122,496
Other cardiovascular disease	475,355	407,496	43,847	38,886	26,486	22,779	14,410	12,913	560,098	482,074
Specific conditions:-										
Angina pectoris (I20)	41,022	26,553	3,877	2,781	1,844	1,357	1,472	780	48,215	31,471
Acute myocardial infarction (I21)	98,250	55,263	16,024	9,338	6,285	3,598	3,766	1,982	124,325	70,181
Heart failure (I50)	85,247	75,587	7,241	6,301	4,875	4,431	2,522	2,489	99,885	88,808
Diabetes (E10-E14)	43,443	35,808	4,493	4,139	2,426	2,066	1,284	1,261	51,646	43,274
Obesity (E66)	3,009	8,295	83	191	51	91	14	18	3,157	8,595
All cancer (C00-D48)	1,029,149	1,062,225	97,292	109,886	37,487	33,865	35,792	37,764	1,199,720	1,243,740
Colo-rectal cancer (C18-C21)	101,205	72,910	11,472	8,547	3,093	2,167	3,310	2,281	119,080	85,905
Lung cancer (C33-C34)	58,917	51,334	9,060	8,911	2,360	1,905	2,244	2,039	72,581	64,189
Breast cancer (C50)	1,240	204,086	107	21,614	13	4,144	41	7,410	1,401	237,254
Bladder cancer (C67)	54,078	17,622	3,349	1,596	2,943	965	2,099	595	62,469	20,778
All diseases of the nervous system (G00-G99)	202,795	244,359	16,891	20,995	9,471	12,274	4,761	6,017	233,918	283,645
All diseases of the respiratory system (J00-J99)	768,912	764,172	70,626	78,529	48,587	48,404	28,644	29,578	916,769	920,683
All diseases of the digestive system (K00-K93)	1,152,768	1,201,541	92,466	98,012	54,791	57,151	39,338	41,153	1,339,363	1,397,857
All diseases of the genitourinary system (N00-N99)	498,680	679,034	41,839	58,313	28,940	38,954	68,704	59,412	638,163	835,713
Injury and poisoning (S00-T98)	608,721	631,263	60,742	63,677	33,244	34,784	20,881	19,872	723,588	749,596
All other diagnoses	3,464,686	5,357,949	266,842	321,644	176,192	294,158	96,381	98,514	4,004,101	6,072,265

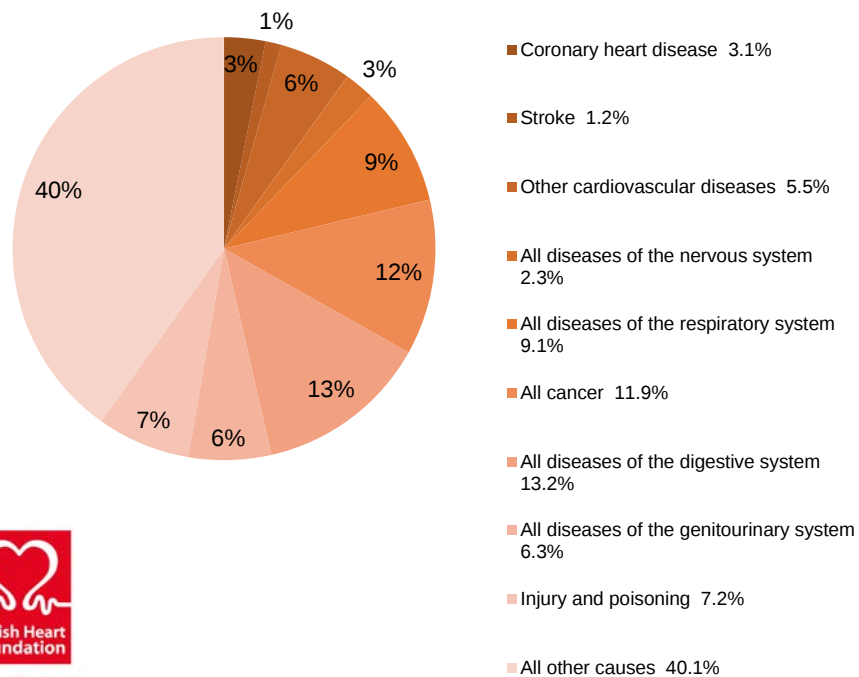
Notes:

Finished consultant episodes (FCE): ordinary admissions and day cases combined. Pregnancy cases not included. ICD-10 codes in parentheses. Differences between countries in the categorisation of episodes: in both England and Scotland, an FCE ends when the consultant changes. However, in Scotland a change of sub-specialty results in a new FCE, whereas in England it does not, e.g. if a patient goes from a cardiac ward to an ITU and is still under the care of the same consultant, in England this would be counted as 1 FCE and in Scotland it would be counted as 2 FCE.

Source:

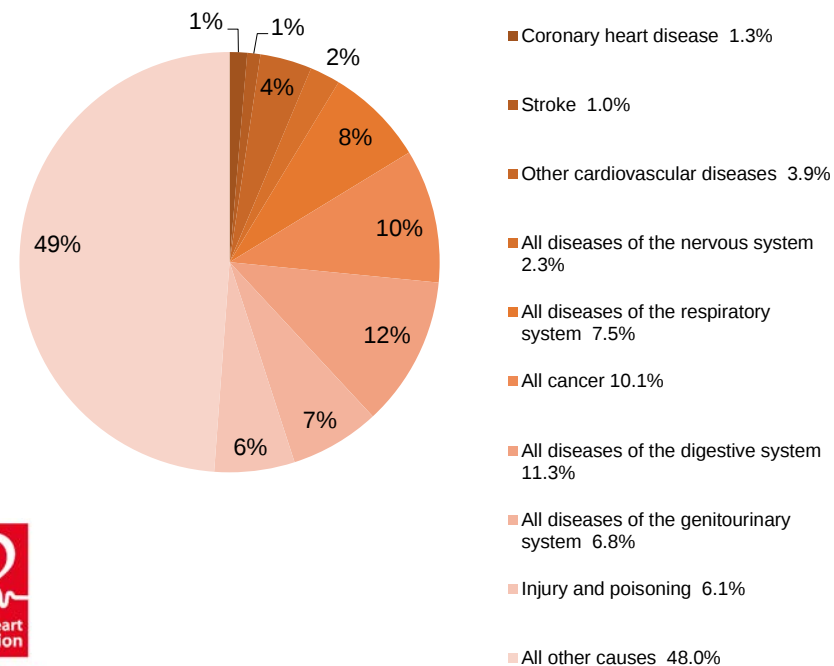
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Hospital Information Branch (2016). Northern Ireland Episode Based Inpatient and Day Case Activity Data (2015/16) www.dhsspsni.gov.uk (accessed Feb 2017).

Figure 2.1a: Inpatient episodes by main diagnosis in men for National Health Service hospitals, United Kingdom, 2015/16



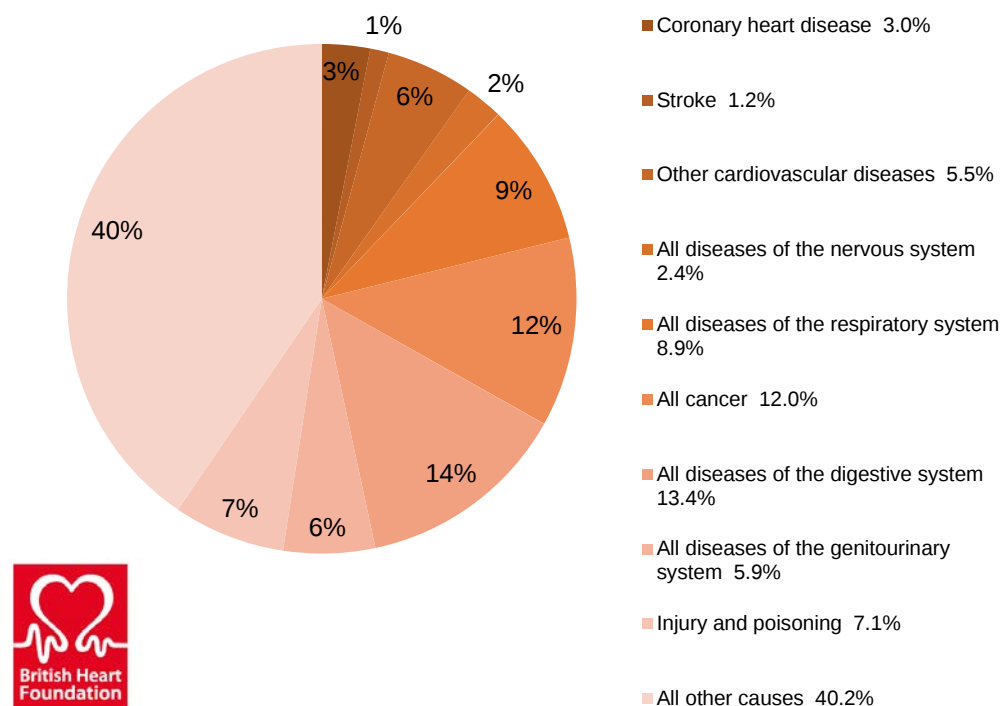
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Figure 2.1b Inpatient episodes by main diagnosis in women for National Health Service hospitals, United Kingdom, 2015/16



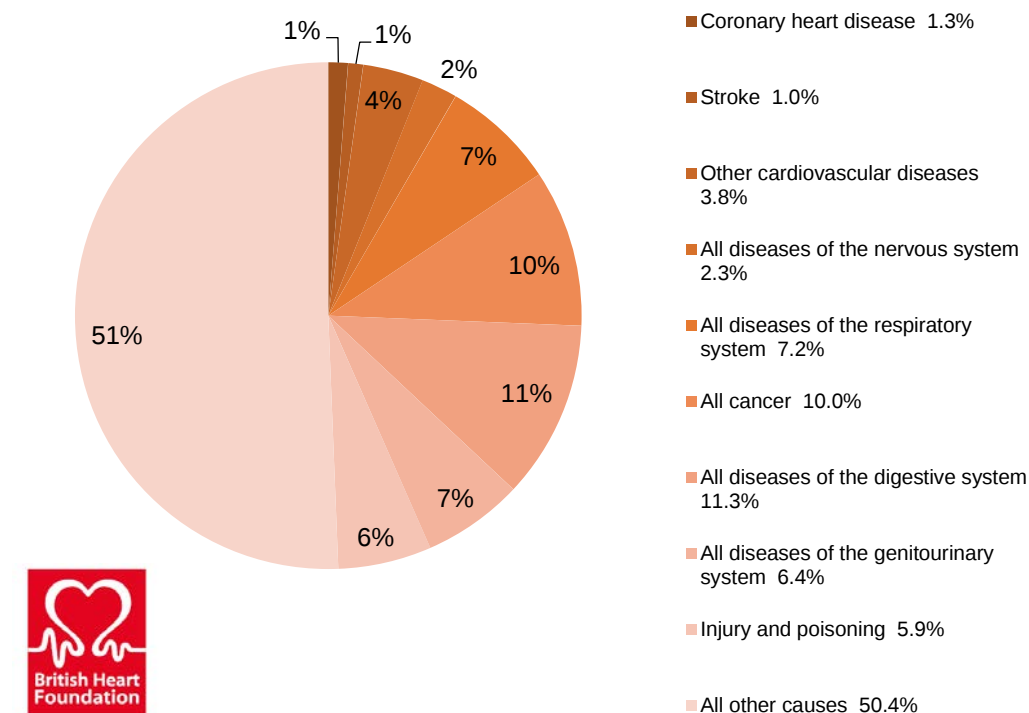
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Figure 2.1c: Inpatient episodes by main diagnosis in men for National Health Service hospitals, England, 2015/2016



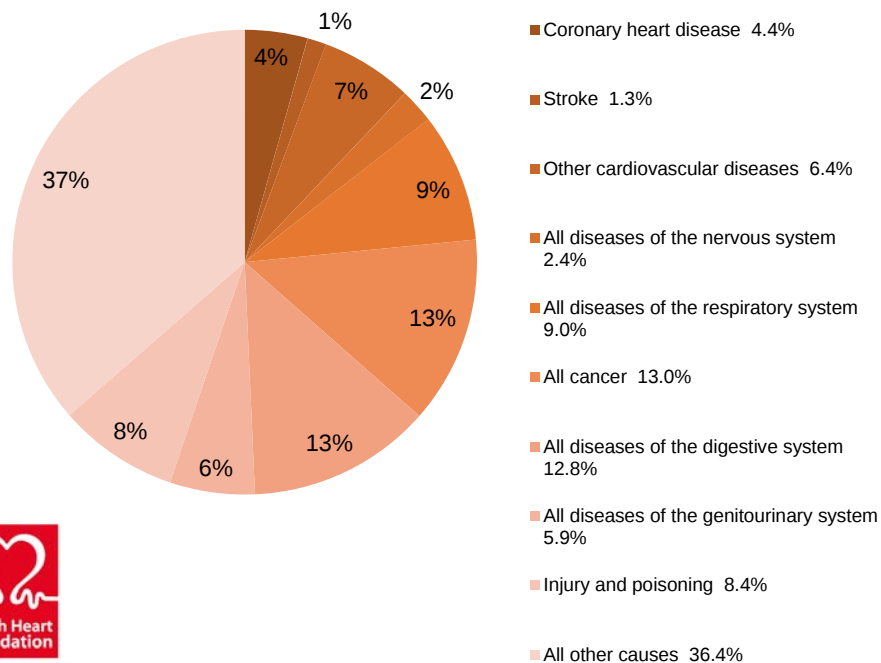
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Figure 2.1d: Inpatient episodes by main diagnosis in women for National Health Service hospitals, England, 2015/16



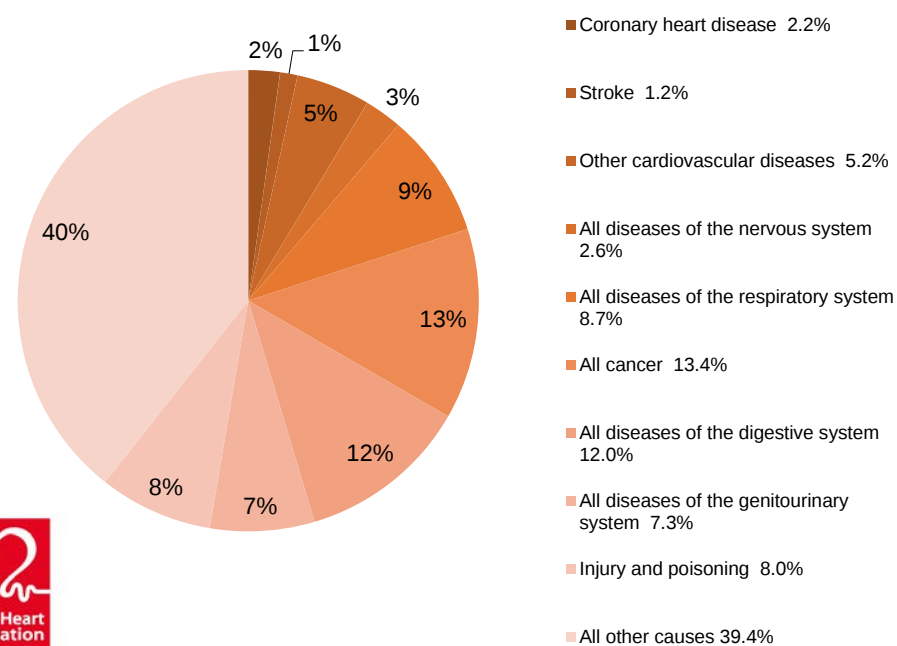
bhf.org.uk/statistics

Figure 2.1e: Inpatient episodes by main diagnosis in men for National Health Service hospitals, Scotland, 2014/15



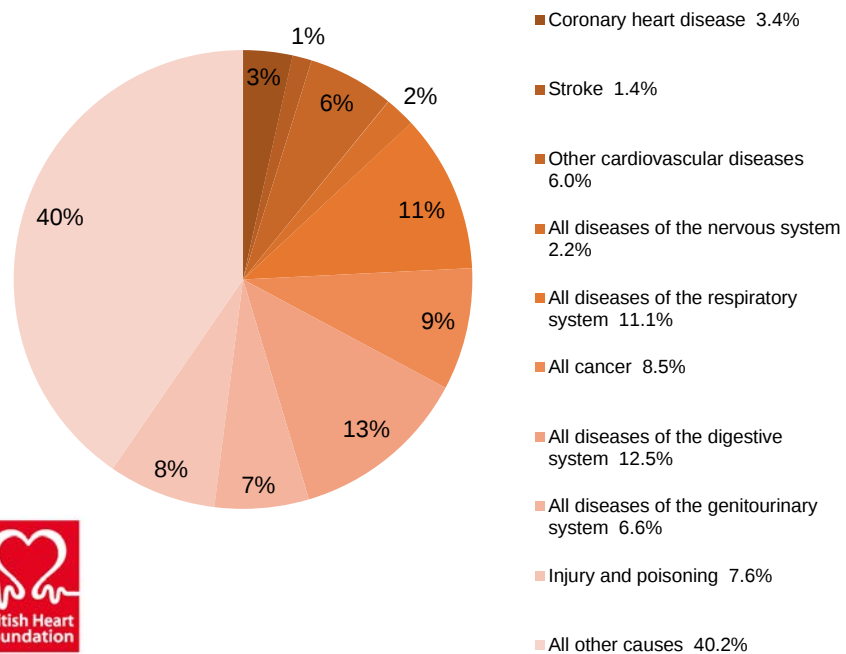
bhf.org.uk/statistics

Figure 2.1f: Inpatient episodes by main diagnosis in women for National Health Service hospitals, Scotland, 2014/15



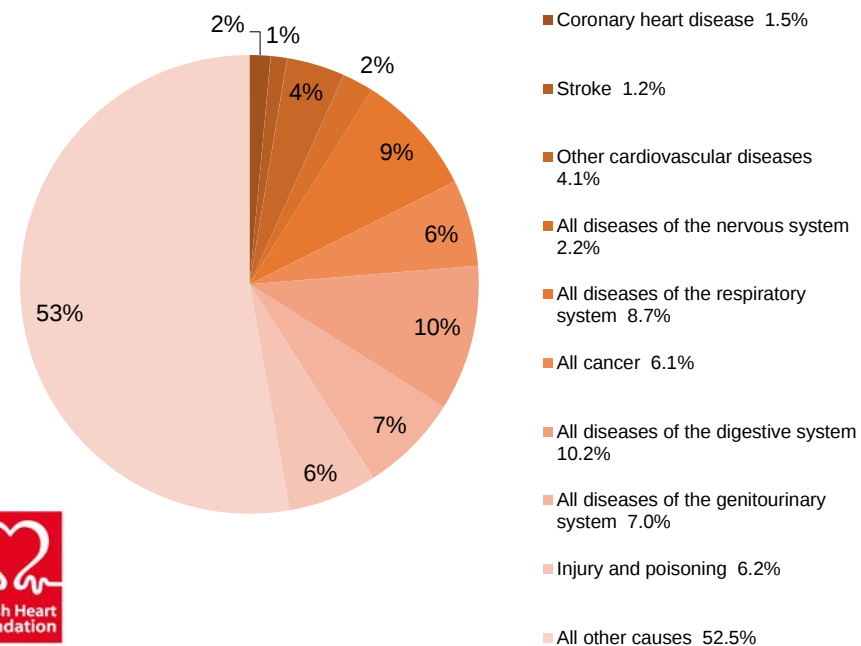
bhf.org.uk/statistics

Figure 2.1g: Inpatient episodes by main diagnosis in men for National Health Service hospitals, Wales, 2015/16



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Figure 2.1h: Inpatient episodes by main diagnosis in women for National Health Service hospitals, Wales, 2015/16



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Figure 2.1i: Inpatient episodes by main diagnosis in men for National Health Service hospitals, Northern Ireland, 2015/16

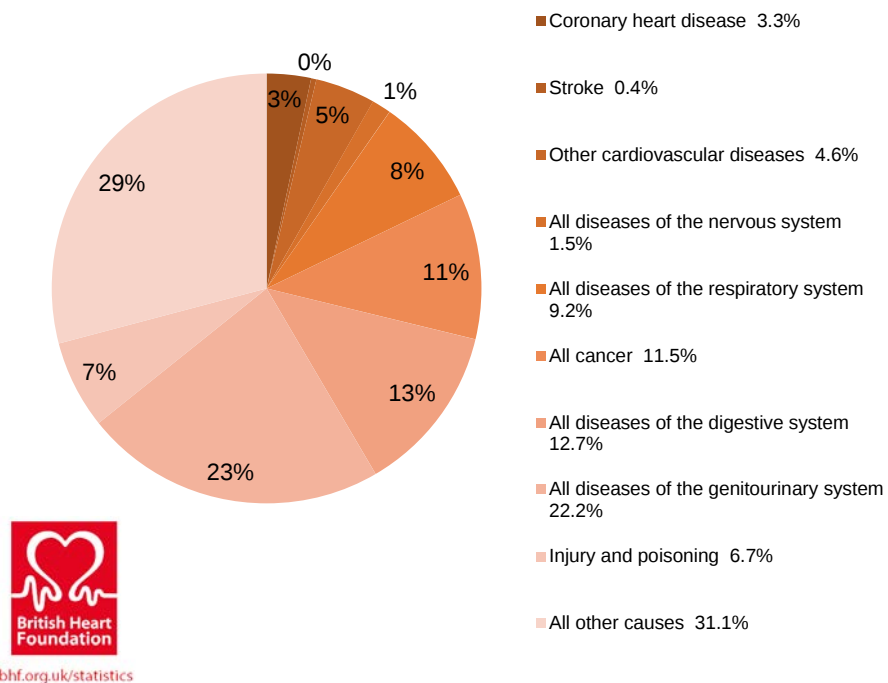


Figure 2.1j: Inpatient episodes by main diagnosis in women for National Health Service hospitals, Northern Ireland, 2015/16

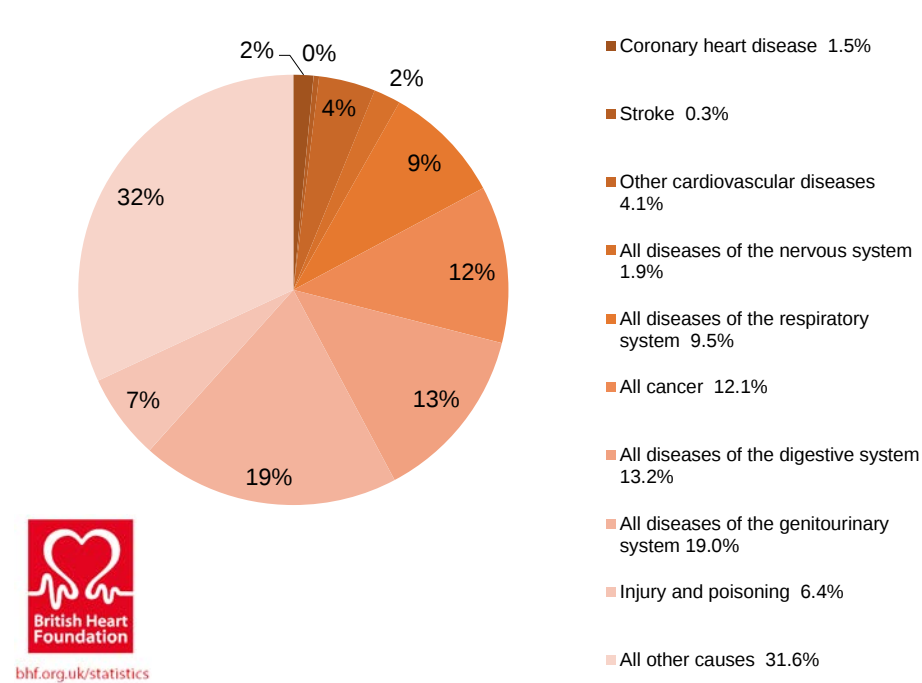


Table 2.2a Inpatient episodes by main diagnosis in NHS hospitals in men, England, Scotland, Wales, Northern Ireland and United Kingdom, 2005/06 - latest

MEN		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
England	All diseases of the circulatory system (CVD) (I00-I99)	694,974	705,822	715,200	741,384	759,672	767,889	779,921	777,888	793,952	804,412	838,567
	Coronary heart disease (I20-I25)	274,816	276,900	275,069	274,163	265,667	263,538	266,954	265,102	264,934	260,052	261,024
	Stroke (I60-I69)	85,041	84,271	86,372	91,363	97,878	96,364	95,294	96,502	97,593	98,597	102,188
	Other cardiovascular disease	335,117	344,651	353,759	375,858	396,127	407,987	417,673	416,284	431,425	445,763	475,355
Scotland	All diseases of the circulatory system (CVD) (I00-I99)					80,575	83,336	83,040	83,723	87,460	88,497	
	Coronary heart disease (I20-I25)					30,871	32,357	31,154	31,154	31,695	31,625	
	Stroke (I60-I69)					10,898	10,965	10,864	11,565	9,430	13,025	
	Other cardiovascular disease					38,806	40,014	41,022	41,004	46,335	43,847	
Wales	All diseases of the circulatory system (CVD) (I00-I99)	40,598	41,128	41,525	43,120	44,510	44,492	42,800	45,446	49,671	46,862	47,575
	Coronary heart disease (I20-I25)	15,153	15,597	15,821	15,946	15,915	15,621	15,240	15,745	16,806	15,129	15,128
	Stroke (I60-I69)	5,461	5,460	5,304	5,715	5,827	6,045	5,389	5,672	6,617	6,009	5,961
	Other cardiovascular disease	19,984	20,071	20,400	21,459	22,768	22,826	22,171	24,029	26,248	25,724	26,486
Northern Ireland	All diseases of the circulatory system (CVD) (I00-I99)						24,499	26,591	24,154	25,674	25,773	25,922
	Coronary heart disease (I20-I25)						9,800	9,521	9,846	10,697	10,418	10,386
	Stroke (I60-I69)						2,485	1,628	1,437	1,742	1,242	1,126
	Other cardiovascular disease						12,214	15,442	12,871	13,235	14,113	14,410
United Kingdom	All diseases of the circulatory system (CVD) (I00-I99)						920,216	932,352	931,211	956,757	965,544	
	Coronary heart disease (I20-I25)						321,316	322,869	321,847	324,132	317,224	
	Stroke (I60-I69)						115,859	113,175	115,176	115,382	118,873	
	Other cardiovascular disease						483,041	496,308	494,188	517,243	529,447	

Notes: Finished consultant episodes; ordinary admissions and day cases combined. Pregnancy cases not included. ICD-10 codes in parentheses.

Source: NHS Digital (2017). Hospital Episode Statistics. <http://www.content.digital.nhs.uk/hes>
Information Services Division Scotland (2015) Main diagnosis discharges from hospital. www.isdscotland.org
NHS Wales Informatics Service (2016). The Patient Episode Database for Wales www.infoandstats.wales.nhs.uk
Hospital Information Branch (2016). Northern Ireland Episode Based Acute Inpatient and Day Case Activity Data

Table 2.2b Inpatient episodes by main diagnosis in NHS hospitals in women, England, Scotland, Wales, Northern Ireland and United Kingdom, 2005/06 - latest

WOMEN		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
England	All diseases of the circulatory system (CVD) (I00-I99)	549,030	549,768	559,474	580,911	598,575	603,920	601,714	596,206	607,280	618,907	641,753
	Coronary heart disease (I20-I25)	153,446	151,013	149,178	148,171	142,008	141,558	142,554	138,987	136,073	133,479	132,863
	Stroke (I60-I69)	93,280	92,181	93,627	98,738	105,827	101,971	99,142	99,579	99,763	99,196	101,394
	Other cardiovascular disease	302,304	306,574	316,669	334,002	350,740	360,391	360,018	357,640	371,444	386,232	407,496
Scotland	All diseases of the circulatory system (CVD) (I00-I99)					64,325	65,696	65,699	65,043	69,838	69,179	
	Coronary heart disease (I20-I25)					17,052	17,800	17,545	16,486	17,920	16,711	
	Stroke (I60-I69)					11,543	11,674	11,798	12,172	9,827	13,582	
	Other cardiovascular disease					35,730	36,222	36,356	36,385	42,091	38,886	
Wales	All diseases of the circulatory system (CVD) (I00-I99)	34,220	34,207	34,456	35,594	37,089	36,410	34,789	35,507	38,434	36,446	37,493
	Coronary heart disease (I20-I25)	9,357	9,461	9,335	9,128	8,978	8,679	8,664	8,590	8,841	7,703	8,270
	Stroke (I60-I69)	6,199	5,683	5,884	6,598	6,584	6,426	6,071	6,408	6,648	6,467	6,444
	Other cardiovascular disease	18,664	19,063	19,237	19,868	21,527	21,305	20,054	20,509	22,945	22,276	22,779
Northern Ireland	All diseases of the circulatory system (CVD) (I00-I99)						18,388	20,026	18,721	18,622	18,819	18,566
	Coronary heart disease (I20-I25)						4,609	4,539	4,674	4,681	4,596	4,577
	Stroke (I60-I69)						2,387	1,571	1,506	1,641	1,244	1,076
	Other cardiovascular disease						11,392	13,916	12,541	12,300	12,979	12,913
United Kingdom	All diseases of the circulatory system (CVD) (I00-I99)						724,414	722,228	715,477	734,174	743,351	
	Coronary heart disease (I20-I25)						172,646	173,302	168,737	167,515	162,489	
	Stroke (I60-I69)						122,458	118,582	119,665	117,879	120,489	
	Other cardiovascular disease						429,310	430,344	427,075	448,780	460,373	

Notes: Finished consultant episodes; ordinary admissions and day cases combined. Pregnancy cases not included. ICD-10 codes in parentheses.
For England, data for females up to and including 2011/12 is calculated as the difference between total finished consultant episodes and male consultant episodes.

Source: NHS Digital (2017). Hospital Episode Statistics. <http://www.content.digital.nhs.uk/hes>
Information Services Division Scotland (2015) Main diagnosis discharges from hospital. www.isdscotland.org
NHS Wales Informatics Service (2016). The Patient Episode Database for Wales www.infoandstats.wales.nhs.uk
Hospital Information Branch (2016). Northern Ireland Episode Based Acute Inpatient and Day Case Activity Data

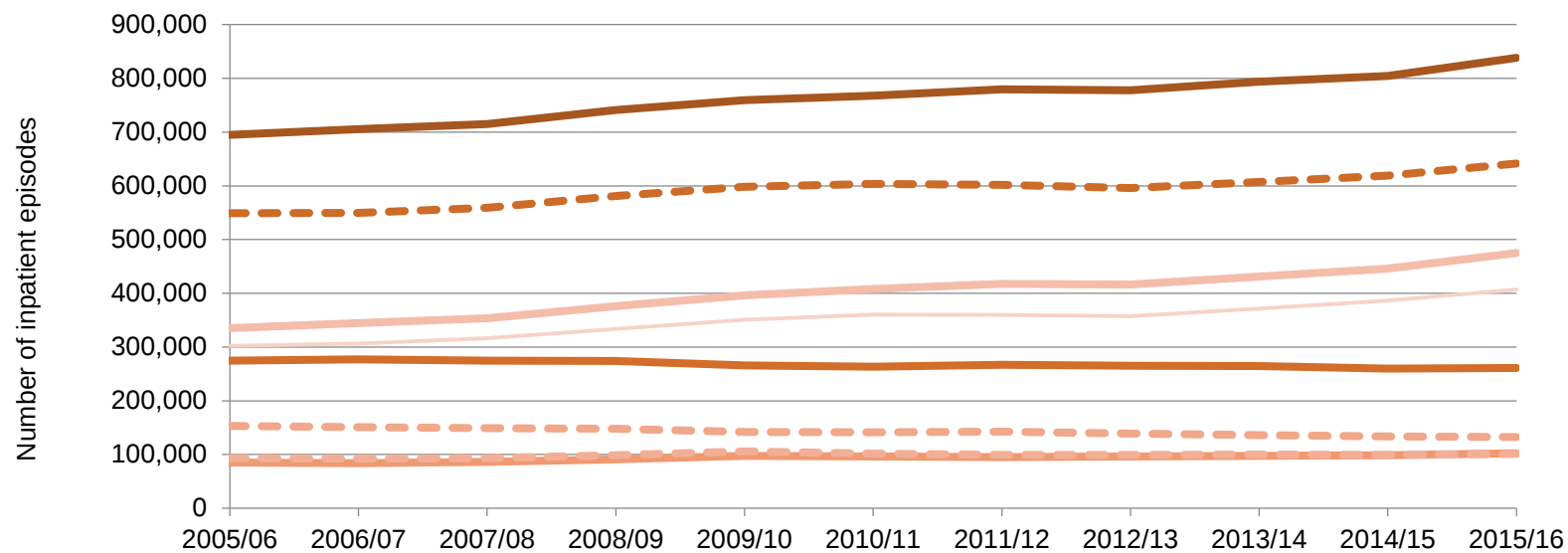
Table 2.2c All inpatient episodes by main diagnosis in NHS hospitals, England, Scotland, Wales, Northern Ireland and United Kingdom, 2005/06 - latest

ALL		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
England	All diseases of the circulatory system (CVD) (I00-I99)	1,244,004	1,255,590	1,274,674	1,322,295	1,358,247	1,371,809	1,381,635	1,374,094	1,401,232	1,423,319	1,480,320
	Coronary heart disease (I20-I25)	428,262	427,913	424,247	422,334	407,675	405,096	409,508	404,089	401,007	393,531	393,887
	Stroke (I60-I69)	178,321	176,452	179,999	190,101	203,705	198,335	194,436	196,081	197,356	197,793	203,582
	Other cardiovascular disease	637,421	651,225	670,428	709,860	746,867	768,378	777,691	773,924	802,869	831,995	882,851
Scotland	All diseases of the circulatory system (CVD) (I00-I99)					144,900	149,032	148,739	148,766	157,298	157,676	
	Coronary heart disease (I20-I25)					47,923	50,157	48,699	47,640	49,615	48,336	
	Stroke (I60-I69)					22,441	22,639	22,662	23,737	19,257	26,607	
	Other cardiovascular disease					74,536	76,236	77,378	77,389	88,426	82,733	
Wales	All diseases of the circulatory system (CVD) (I00-I99)	74,824	75,338	75,981	78,714	81,599	80,903	77,589	80,953	88,105	83,308	85,068
	Coronary heart disease (I20-I25)	24,516	25,060	25,156	25,074	24,893	24,300	23,904	24,335	25,647	22,832	23,398
	Stroke (I60-I69)	11,660	11,143	11,188	12,313	12,411	12,471	11,460	12,080	13,265	12,476	12,405
	Other cardiovascular disease	38,648	39,135	39,637	41,327	44,295	44,132	42,225	44,538	49,193	48,000	49,265
Northern Ireland	All diseases of the circulatory system (CVD) (I00-I99)						42,887	46,617	42,875	44,296	44,592	44,488
	Coronary heart disease (I20-I25)						14,409	14,060	14,520	15,378	15,014	14,963
	Stroke (I60-I69)						4,872	3,199	2,943	3,383	2,486	2,202
	Other cardiovascular disease						23,606	29,358	25,412	25,535	27,092	27,323
United Kingdom	All diseases of the circulatory system (CVD) (I00-I99)						1,644,631	1,654,580	1,646,688	1,690,931	1,708,895	
	Coronary heart disease (I20-I25)						493,962	496,171	490,584	491,647	479,713	
	Stroke (I60-I69)						238,317	231,757	234,841	233,261	239,362	
	Other cardiovascular disease						912,352	926,652	921,263	966,023	989,820	

Notes: Finished consultant episodes; ordinary admissions and day cases combined. Pregnancy cases not included. ICD-10 codes in parentheses.

Source: NHS Digital (2017). Hospital Episode Statistics. <http://www.content.digital.nhs.uk/hes>
Information Services Division Scotland (2015) Main diagnosis discharges from hospital. www.isdscotland.org
NHS Wales Informatics Service (2016). The Patient Episode Database for Wales www.infoandstats.wales.nhs.uk
Hospital Information Branch (2016). Northern Ireland Episode Based Acute Inpatient and Day Case Activity Data

Fig 2.2d Inpatient episodes for cardiovascular conditions in England, 2005/06 to 2015/16



- Cardiovascular disease (men)
 Cardiovascular disease (women)
 Coronary heart disease (men)
- Coronary heart disease (women)
 Stroke (men)
 Stroke (women)
- Other cardiovascular disease (men)
 Other cardiovascular disease (women)

Fig 2.2e Inpatient episodes for cardiovascular conditions in Scotland, 2009/10 to 2014/15

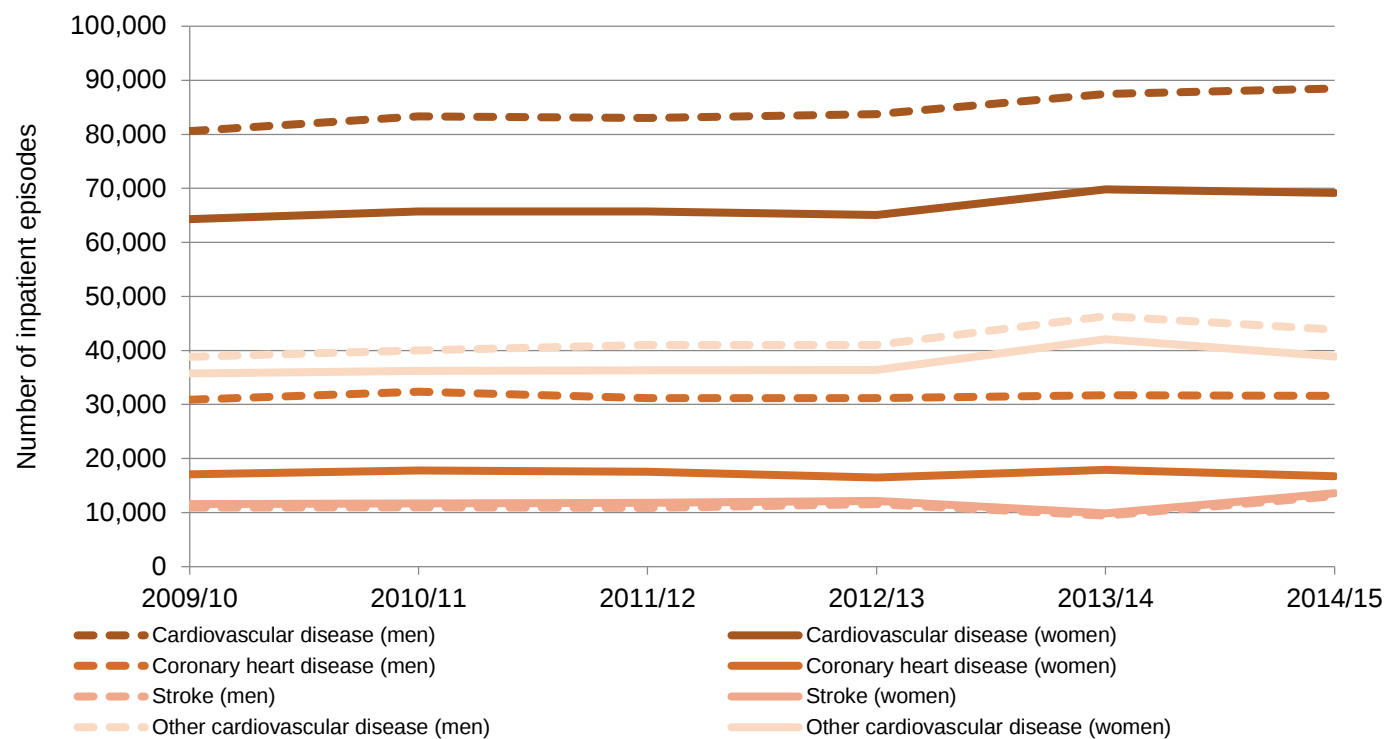


Fig 2.2f Inpatient episodes for cardiovascular conditions in Wales, 2005/06 to 2015/16

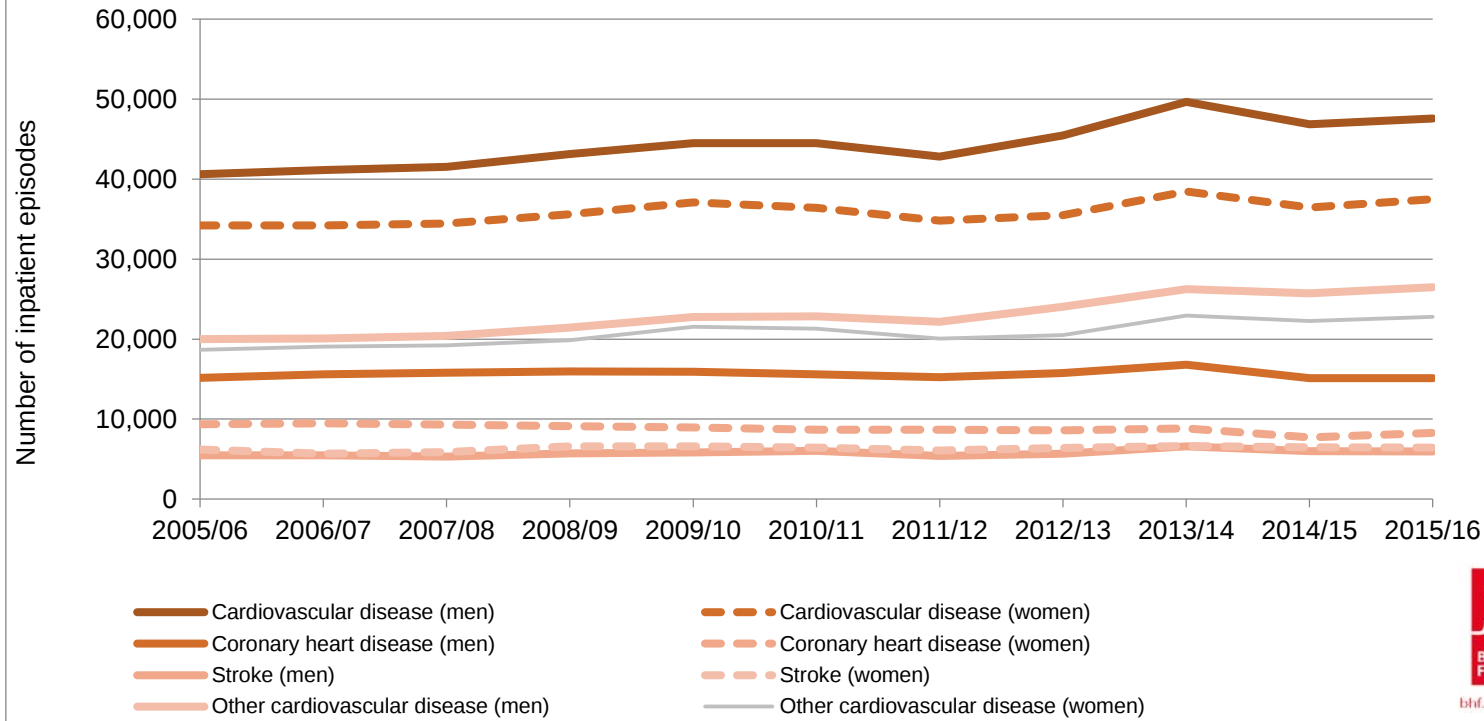
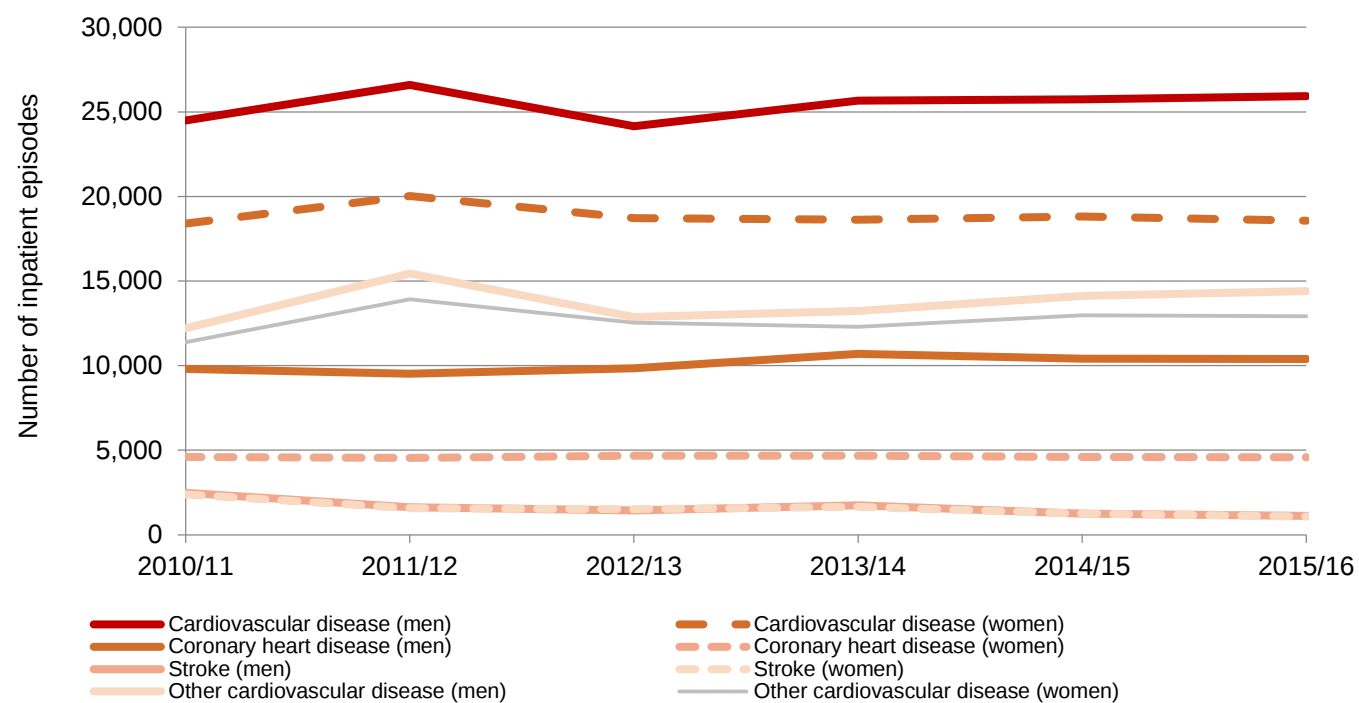


Fig 2.2g Inpatient episodes for cardiovascular conditions in Northern Ireland, 2010/11 to 2015/16



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Table 2.3 Prevalence of selected cardiovascular conditions by nation and region, United Kingdom 2015/16

Nation/Region	List size	Coronary Heart Disease Register		Stroke or Transient Ischaemic Attacks (TIA) Register		Hypertension Register		Heart Failure Register		Atrial Fibrillation Register		Peripheral Arterial Disease (PAD) Register	
		N	%	N	%	N	%	N	%	N	%	N	%
East Midlands	4,860,881	168,387	3.5	90,277	1.9	706,012	14.5	41,936	0.9	87,830	1.8	29,890	0.6
East of England	6,343,899	198,513	3.1	108,036	1.7	897,594	14.1	46,322	0.7	113,374	1.8	33,222	0.5
London	9,421,259	191,768	2.0	99,158	1.1	1,040,688	11.0	47,308	0.5	92,693	1.0	33,486	0.4
North East	2,731,706	116,881	4.3	59,903	2.2	426,005	15.6	27,220	1.0	51,311	1.9	25,207	0.9
North West	7,548,789	283,784	3.8	145,352	1.9	1,087,735	14.4	69,440	0.9	137,131	1.8	63,840	0.8
South East	9,329,388	271,575	2.9	157,740	1.7	1,266,992	13.6	62,178	0.7	173,134	1.9	49,673	0.5
South West	5,635,771	198,091	3.5	119,401	2.1	829,913	14.7	47,257	0.8	123,802	2.2	37,687	0.7
West Midlands	6,046,256	199,140	3.3	110,143	1.8	891,613	14.7	47,238	0.8	104,381	1.7	37,926	0.6
Yorkshire and The Humber	5,637,998	211,191	3.7	108,764	1.9	802,722	14.2	46,005	0.8	99,598	1.8	41,614	0.7
England	57,555,947	1,839,330	3.2	998,774	1.7	7,949,274	13.8	434,904	0.8	983,254	1.7	352,545	0.6
Scotland	5,632,960	230,947	4.1	124,112	2.2	784,704	13.9	47,769	0.8	96,356	1.7	49,138	0.9
Wales	3,213,140	120,620	3.8	65,855	2.0	500,538	15.6	31,758	1.0	65,169	2.0	-	-
Northern Ireland	1,951,068	74,525	3.8	36,020	1.8	260,032	13.3	15,702	0.8	32,701	1.7	-	-
UK	68,353,115	2,265,422	3.3	1,224,761	1.8	9,494,548	13.9	530,133	0.8	1,177,480	1.7	-	-

Notes: England - Copyright © Health and Social Care Information Centre 2016.
These data are raw prevalence rates: they are not adjusted to account for patient age distribution or other factors that may differ between general practices.

Source: England - Health and Social Care Information Centre. QOF achievement data 2015/16
Wales - StatsWales. QOF achievement data 2015/16
Scotland - ISD Scotland. QOF achievement data 2015/16
Northern Ireland - Department of Health, Social Services and Public Safety. QOF achievement data 2015/16

Table 2.4 Prevalence of selected cardiovascular conditions, England 2004/05-2015/16

	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
	%	%	%	%	%	%	%	%	%	%	%	%
CHD	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.2	3.2
Stroke and TIA	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Atrial fibrillation			1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.7
Heart failure			0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8

Notes:

CHD: Coronary Heart Disease.

TIA: Transient Ischaemic Attack.

These data are raw prevalence rates: they are not adjusted to account for patient age distribution or other factors that may differ between general practices.

Source:

England - Health and Social Care Information Centre. QOF achievement data

Figure 2.4 Prevalence of selected cardiovascular conditions, England 2004/05-2015/16



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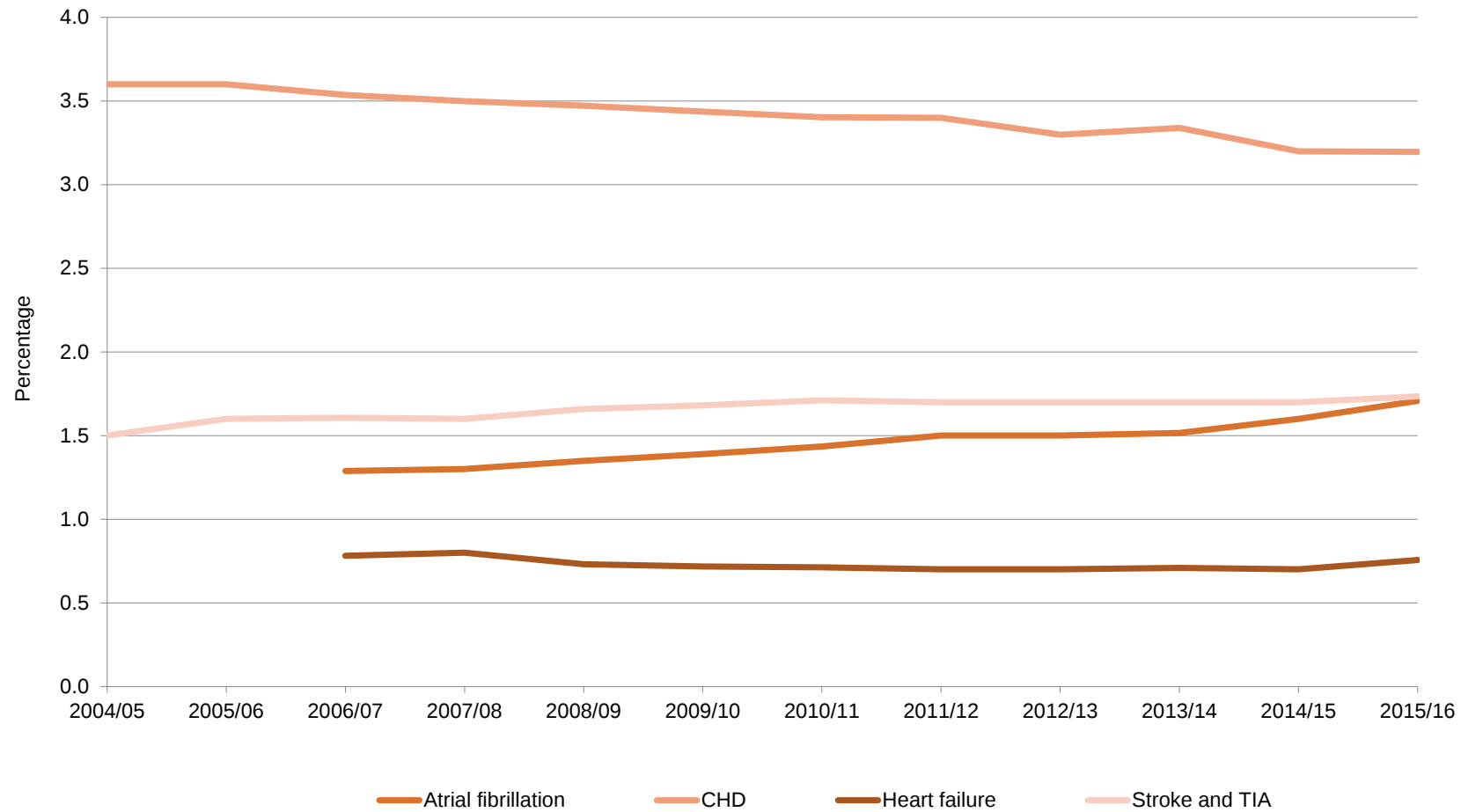


Table 2.5 Prevalence of selected cardiovascular conditions, Scotland 2008/09-2015/16

	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
	%	%	%	%	%	%	%	%
CHD	4.4	4.4	4.4	4.4	4.3	4.3	4.1	4.1
Stroke and TIA	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2
Atrial fibrillation	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7
Heart failure	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Notes: CHD: Coronary Heart Disease.
TIA: Transient Ischaemic Attack.

These data are raw prevalence rates: they are not adjusted to account for patient age distribution or other factors that may differ between general practices.

Source: Scotland - ISD Scotland. QOF achievement data.

Figure 2.5 Prevalence of selected cardiovascular conditions, Scotland 2008/09-2015/16



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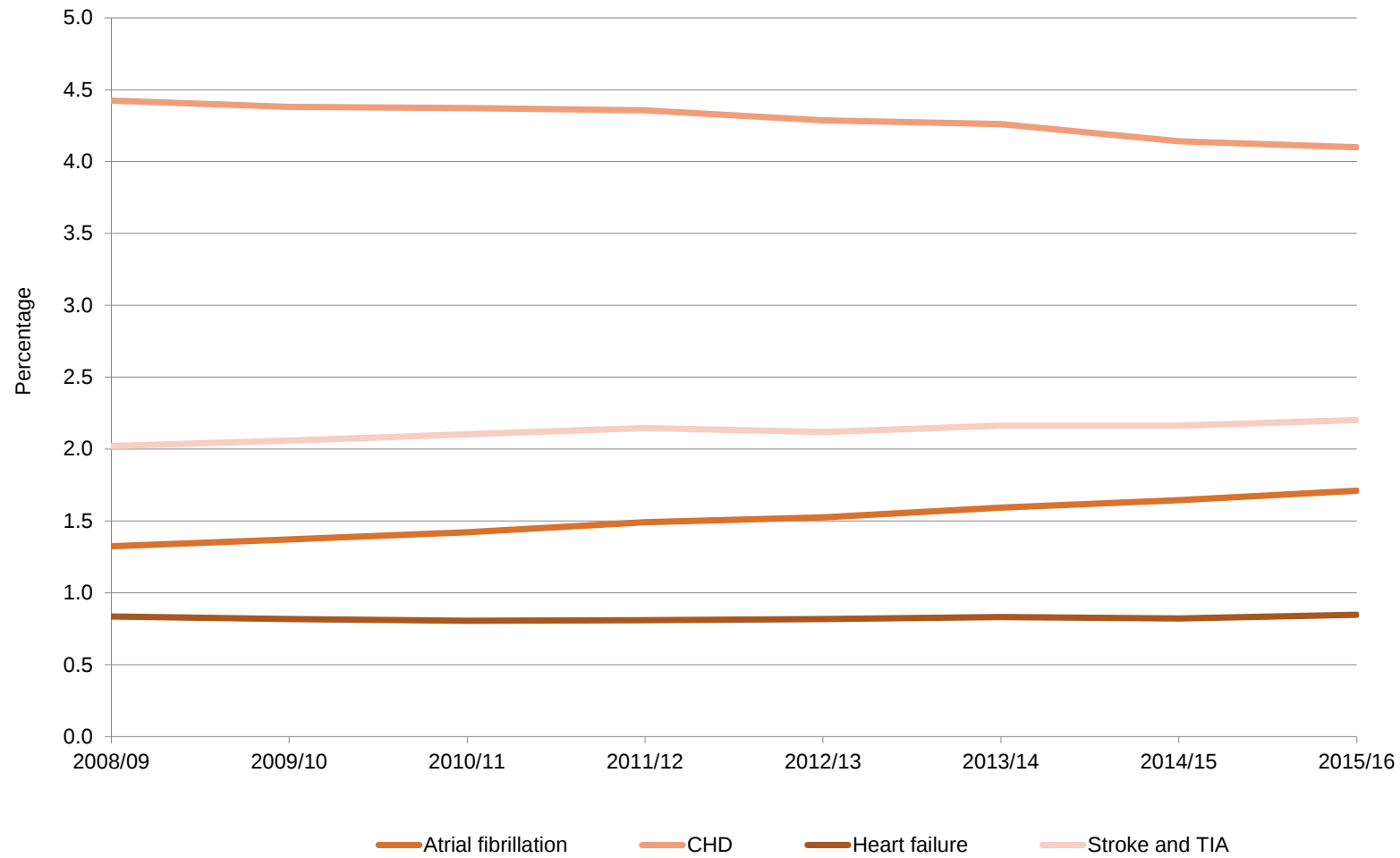


Table 2.6 Prevalence of selected cardiovascular conditions, Wales 2006/07-2015/16

	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
	%	%	%	%	%	%	%	%	%	%
CHD	4.3	4.2	4.2	4.1	4.0	4.0	3.9	3.9	3.8	3.8
Stroke and TIA	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0
Atrial fibrillation	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.9	2.0	2.0
Heart failure	1.0	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0

Notes:

CHD: Coronary Heart Disease.

TIA: Transient Ischaemic Attack.

These data are raw prevalence rates: they are not adjusted to account for patient age distribution or other factors that may differ between general practices.

Source:

Wales - StatsWales. QOF achievement data.

Figure 2.6 Prevalence of selected cardiovascular conditions, Wales 2006/07-2015/16



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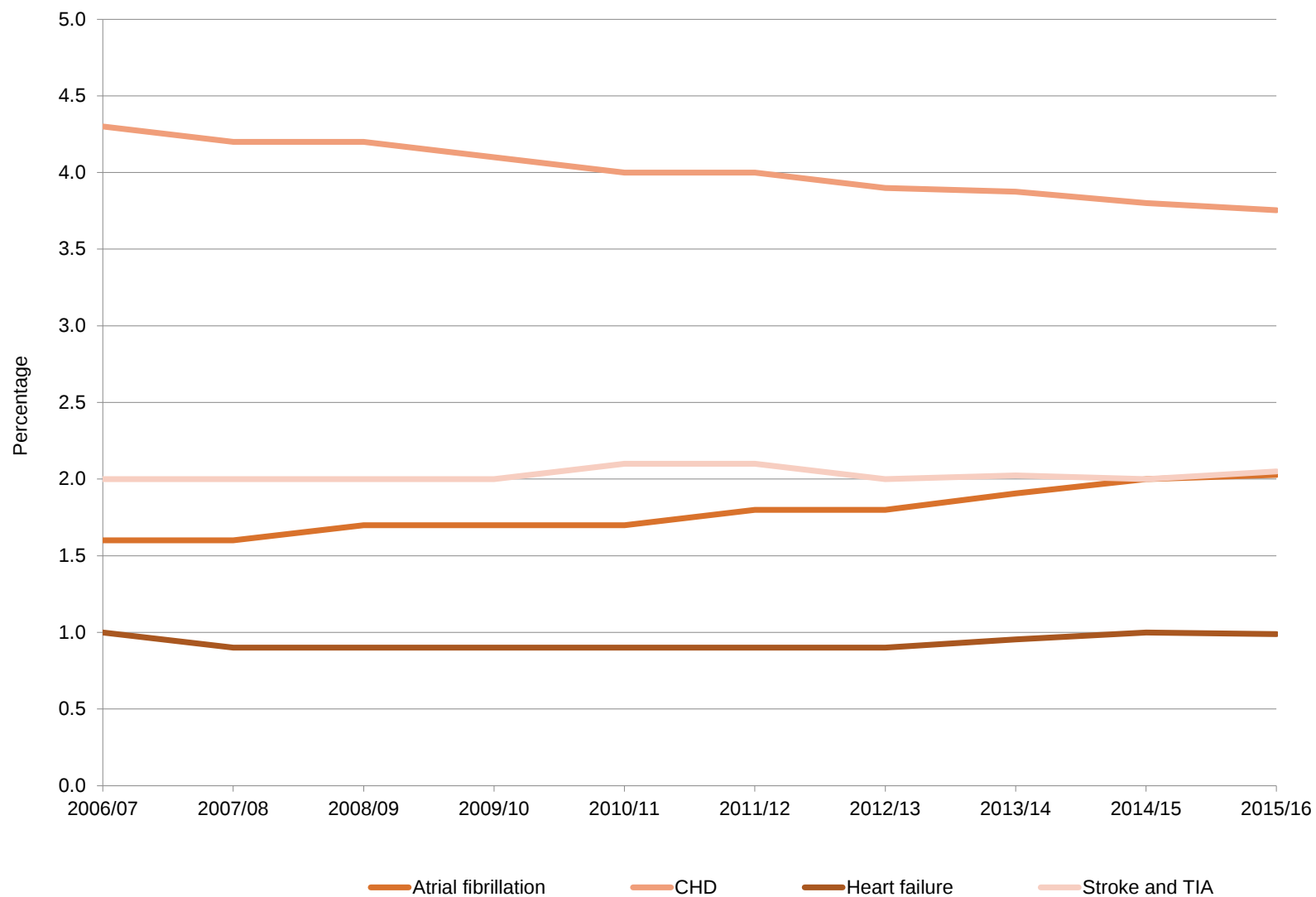


Table 2.7 Prevalence of selected cardiovascular conditions, Northern Ireland 2004/05-2015/16

	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
	%	%	%	%	%	%	%	%	%	%	%	%
CHD	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.8	3.8
Stroke and TIA	1.4	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
Atrial fibrillation			1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.7
Heart failure			0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Notes:

CHD: Coronary Heart Disease.

TIA: Transient Ischaemic Attack.

These data are raw prevalence rates: they are not adjusted to account for patient age distribution or other factors that may differ between general practices.

Source:

Health, Social Services and Public Safety (2015). Quality and Outcomes Framework Achievement Data, Northern Ireland

Figure 2.7 Prevalence of selected cardiovascular conditions, Northern Ireland 2004/05-2015/16



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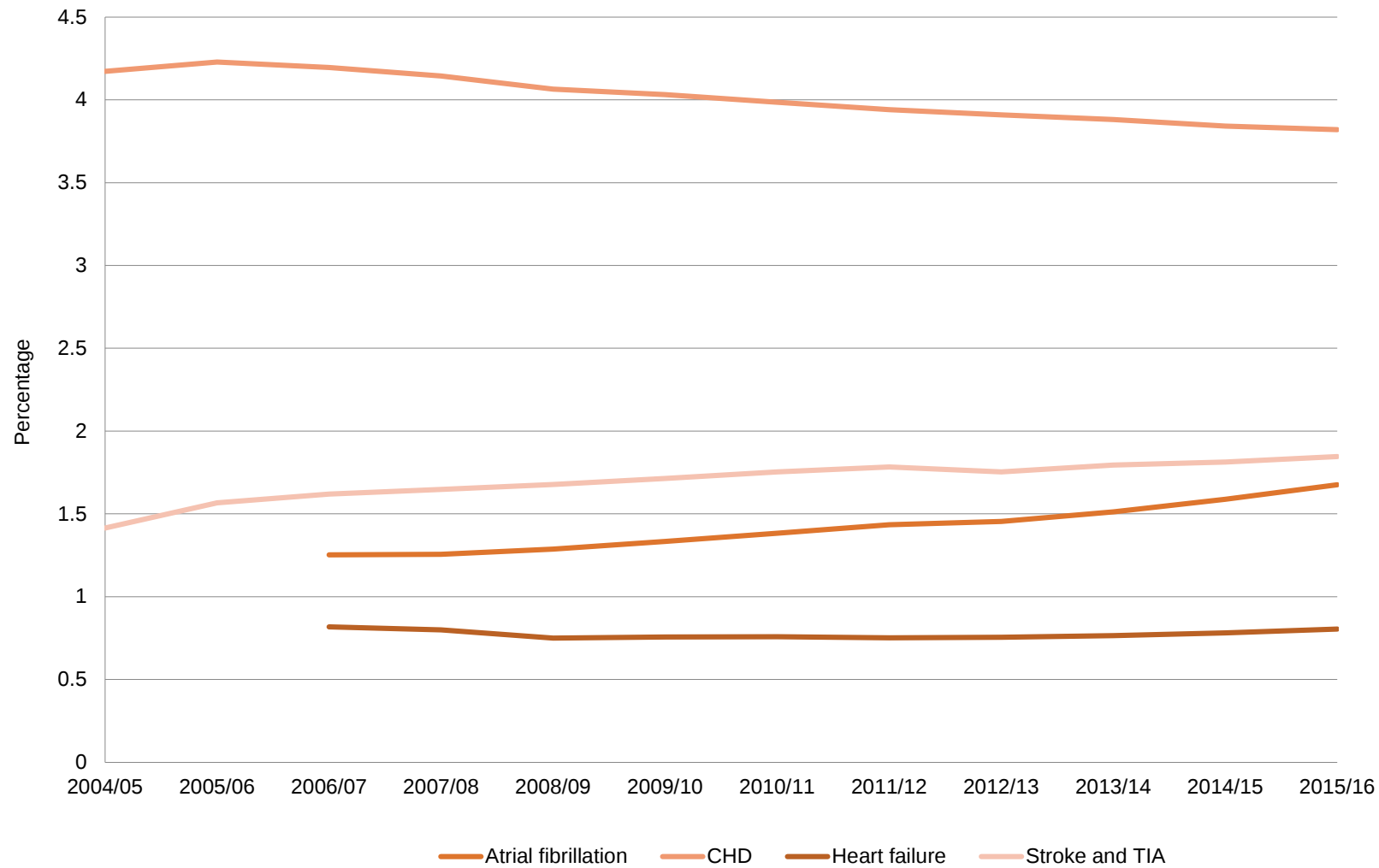


Table 2.8a Prevalence of cardiovascular conditions in men by age, Great Britain 1988-2011

MEN		1988	1989	1994	1995	1996	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Myocardial infarction (heart attack)	16-44	0.2	0.2	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.0	0.1	0.2	0.0	*	0.2	0.2	0.1
	45-64	4.7	4.6	3.1	3.4	3.0	4.0	3.1	3.2	2.6	2.2	2.6	3.0	2.4	2.2	2.2	2.1	2.1	1.9
	65-74	7.5	10.0	6.6	9.2	6.6	8.9	8.6	7.5	7.0	8.7	8.4	6.2	6.4	6.5	5.4	5.8	5.8	4.7
	75+	8.2	7.9	8.1	5.4	7.5	11.1	9.4	11.3	11.8	8.0	8.3	6.5	7.2	5.7	5.8	6.3	6.3	7.2
	All Ages	2.2	2.3	2.3	2.5	2.3	3.2	2.5	2.5	2.4	2.3	2.3	2.1	2.0	1.8	1.7	1.9	1.9	1.7
Stroke	16-44	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	*	*	0.1
	45-64	1.0	1.0	1.0	0.6	0.9	0.8	1.1	1.1	0.8	0.9	0.8	1.0	0.7	0.8	0.6	0.8	0.8	0.8
	65-74	3.9	3.0	3.0	2.0	2.7	2.6	3.6	1.8	2.6	2.0	1.7	1.8	3.2	2.8	2.4	2.3	2.3	1.7
	75+	3.8	4.8	3.7	3.1	4.3	3.0	3.6	2.3	3.9	3.7	5.4	3.5	3.5	3.8	3.3	3.1	3.1	2.6
	All Ages	0.8	0.7	0.9	0.6	1.0	0.8	1.0	0.8	0.9	0.8	0.8	0.8	0.9	0.8	0.7	0.7	0.7	0.7
CVD	16-44	1.7	1.2	1.6	1.2	1.4	1.9	1.8	2.2	1.7	1.7	1.4	1.5	1.3	1.0	1.4	1.6	1.5	1.5
	45-64	14.3	13.3	13.8	12.9	14.1	15.5	13.7	15.0	15.2	14.7	14.6	16.7	15.9	14.7	15.6	14.9	14.6	14.6
	65-74	24.7	25.9	24.6	27.2	26.8	28.1	29.0	31.3	33.0	34.5	29.5	28.8	35.5	32.0	31.2	32.2	33.9	28.5
	75+	22.3	22.1	23.6	23.8	24.9	31.0	30.8	33.3	39.8	31.7	37.3	32.9	38.4	33.8	31.1	33.7	35.5	34.1
	All Ages	7.3	6.9	9.3	9.3	9.9	11.3	10.7	11.0	11.9	11.3	11.1	11.4	12.0	10.9	11.1	11.4	11.7	11.1

Notes:

Source:

* Information is suppressed for low cell count as a measure of disclosure control.

Office for National Statistics (2006) 2005 General Household Survey.

Office for National Statistics (2007-2012) General Lifestyle Survey 2006-2011.

Table 2.8b Prevalence of cardiovascular conditions in women by age, Great Britain 1988-2011

WOMEN		1988	1989	1994	1995	1996	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
		%																	
Myocardial infarction (heart attack)	16-44	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	*	0.1	0.1	0.1
	45-64	2.0	2.4	2.0	1.7	2.8	1.8	1.8	1.6	1.5	1.3	1.8	1.4	1.2	0.8	0.8	0.9	0.7	0.8
	65-74	6.7	6.4	5.9	4.5	6.5	6.5	5.4	3.9	5.8	6.3	5.1	4.8	3.9	2.6	2.6	2.9	3.1	3.1
	75+	6.6	6.5	7.3	7.3	8.3	8.6	7.8	5.3	9.0	5.2	6.7	7.0	6.5	5.1	4.5	4.9	4.6	3.7
	All Ages	1.7	1.7	2.1	1.8	2.4	2.2	2.0	1.5	2.0	1.7	1.8	1.7	1.5	1.1	1.0	1.2	1.1	1.0
Stroke	16-44	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	*	0.1	0.1	0.1
	45-64	0.4	0.4	0.5	0.5	0.5	0.5	0.7	0.7	0.8	0.4	0.5	0.4	0.5	0.5	0.6	0.4	0.7	0.3
	65-74	2.4	1.5	1.8	1.9	1.7	1.5	1.7	2.0	2.2	1.9	1.2	1.5	1.7	1.2	1.6	1.3	1.4	1.2
	75+	3.0	4.0	3.6	3.5	2.2	4.1	3.3	3.9	3.7	2.6	2.8	3.0	2.1	1.9	2.7	2.1	1.8	1.4
	All Ages	0.6	0.6	0.8	0.7	0.6	0.8	0.8	0.9	0.9	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.6	0.4
CVD	16-44	1.7	2.2	1.7	1.3	1.5	1.3	1.8	1.5	1.9	2.2	1.7	2.0	2.3	1.8	1.2	1.7	2.1	1.9
	45-64	10.8	11.5	10.6	9.7	12.4	10.6	11.7	11.5	12.9	11.8	13.2	12.3	12.8	11.0	9.9	9.8	10.6	8.4
	65-74	22.8	22.0	23.9	19.7	22.4	26.8	26.2	25.2	29.1	29.7	26.6	26.0	29.0	23.9	23.0	26.2	22.3	22.5
	75+	26.5	26.8	25.1	29.2	25.4	29.9	30.6	32.2	37.9	30.3	31.9	31.3	33.3	27.7	32.5	27.5	31.7	29.8
	All Ages	7.7	7.7	9.2	8.7	9.5	9.9	10.4	10.2	11.9	10.9	11.0	10.8	11.5	9.7	9.4	9.5	10.1	9.1

Source:

Office for National Statistics (2006) 2005 General Household Survey.

Office for National Statistics (2007-2012) General Lifestyle Survey 2006-2011.

Figure 2.8 Prevalence of cardiovascular conditions by gender, Great Britain 1988-2011



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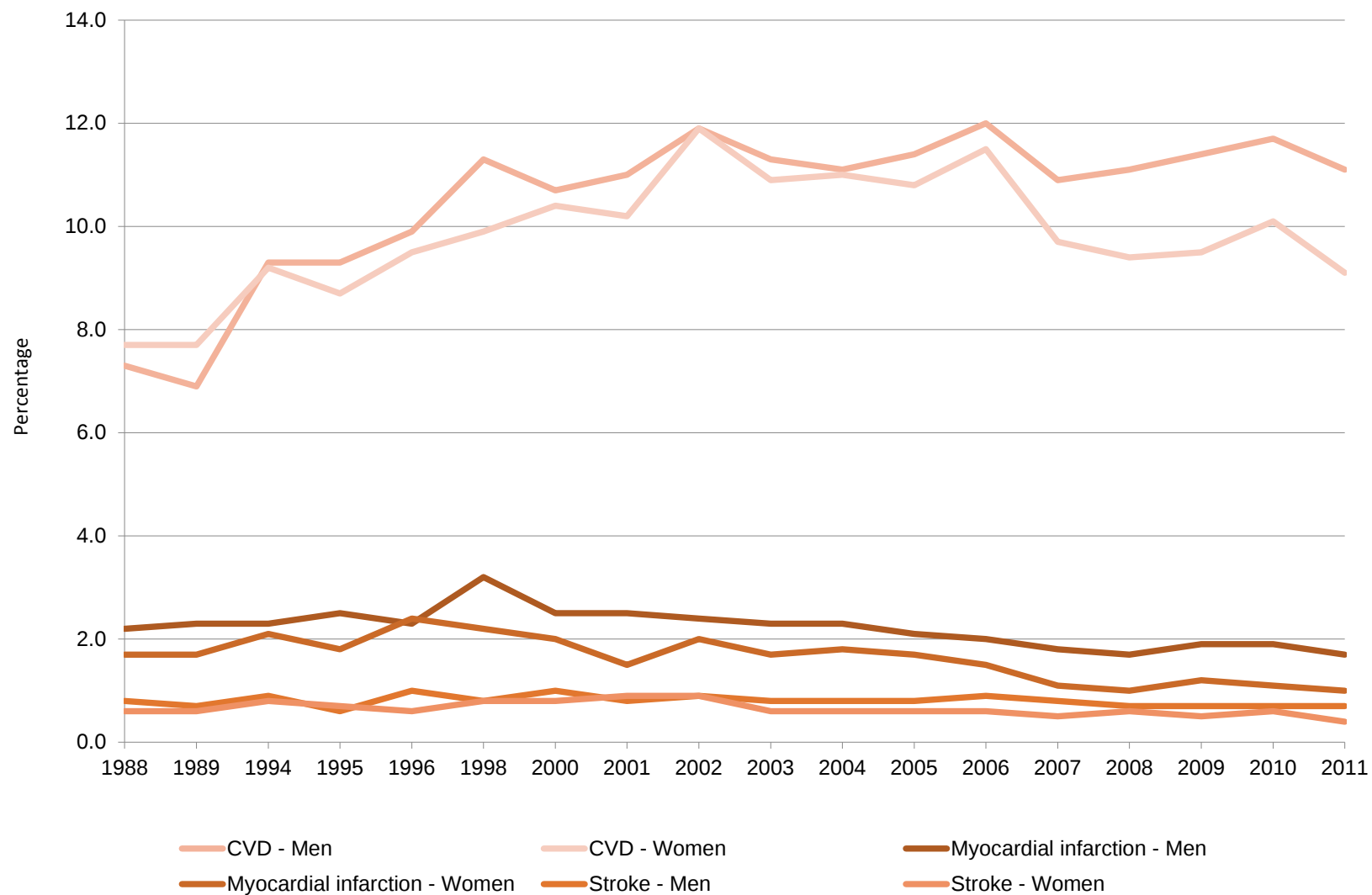


Table 2.9 Prevalence of selected cardiovascular conditions by gender, England 2003-2011

		2003 %	2006 %	2011 %
Myocardial infarction	Men	3.8	4.1	3.7
	Women	1.7	1.7	1.6
	All adults	-	2.9	2.6
Angina	Men	4.8	4.8	3.9
	Women	3.4	3.3	2.5
	All adults	-	4.0	3.2
CHD	Men	6.4	6.5	5.7
	Women	4.1	4.0	3.5
	All adults	5.2	5.2	4.6
Stroke	Men	2.4	2.4	2.7
	Women	2.2	2.2	2.1
	All adults	2.3	2.3	2.4
Any CVD	Men	13.6	13.6	13.9
	Women	13.0	13.0	13.4
	All adults	-	13.3	13.6

Notes:

For adults aged 16 years and over.

CHD: Coronary heart disease.

CVD: Cardiovascular disease.

Data have been weighted for non-response.

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Source:

Health & Social Care Information Centre. (2014). Health Survey for England 2013, Trend Tables. www.hscic.gov.uk (accessed June 2015).

Figure 2.9 Prevalence of selected cardiovascular conditions by gender, England 2003-2011



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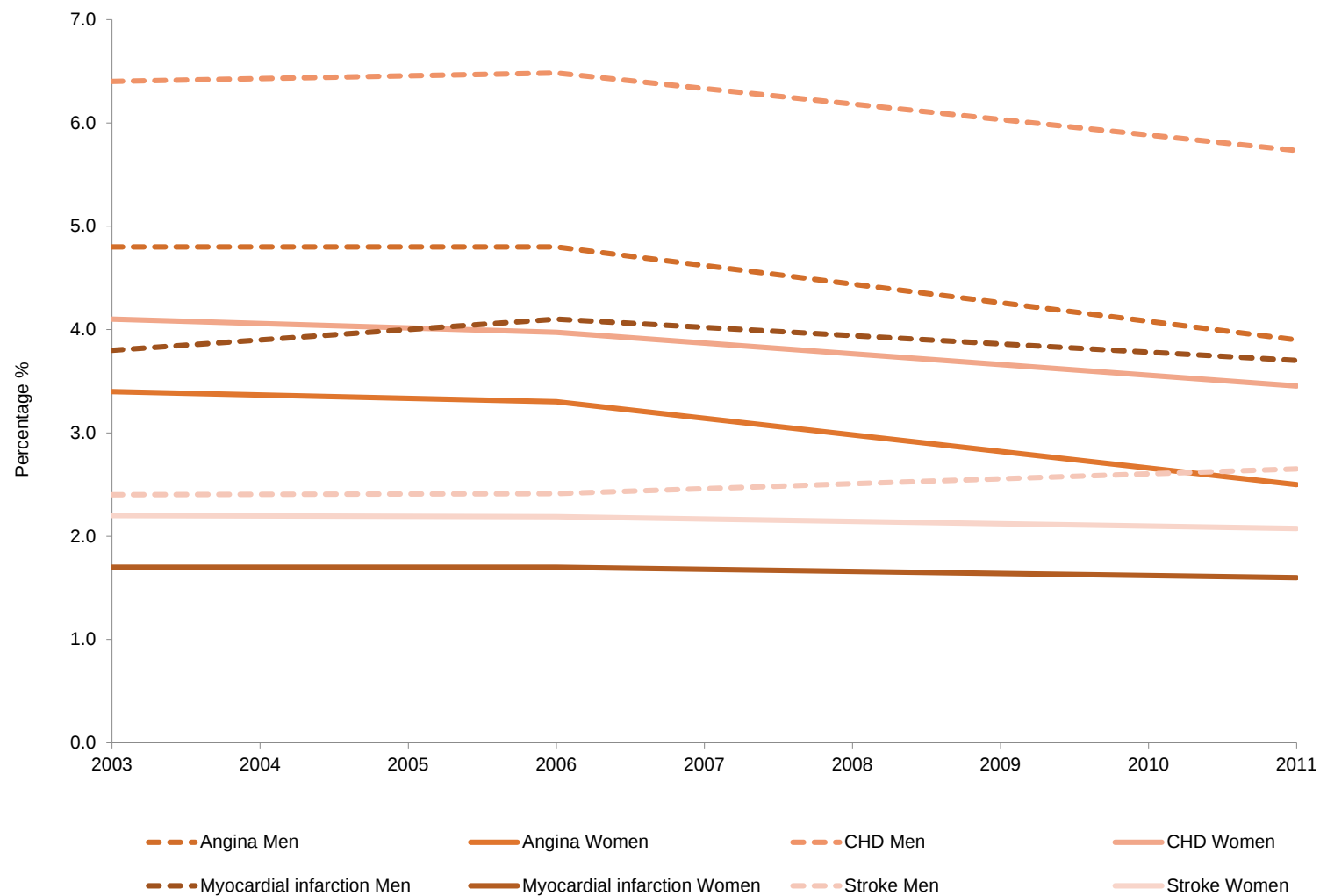


Table 2.10 Prevalence of selected cardiovascular conditions by gender, Scotland 2003-2015

		2003	2008	2009	2010	2011	2012	2013	2014	2015
		%	%	%	%	%	%	%	%	%
CHD	Men	8.2	6.9	7.4	7.5	7.5	7.3	7.1	7.8	7.4
	Women	6.5	5.6	5.2	5.2	4.9	5.7	5.3	4.7	4.6
	All adults	7.3	6.2	6.2	6.3	6.2	6.5	6.1	6.2	6.0
Stroke	Men	2.4	2.5	2.7	3.3	2.9	2.8	3.2	3.3	2.6
	Women	2.1	2.8	2.2	2.5	2.7	2.8	2.7	3.1	2.6
	All adults	2.2	2.6	2.5	2.9	2.8	2.8	2.9	3.2	2.6
Any CVD	Men	14.9	15.1	15.2	16.3	15.6	16.6	15.7	18.2	15.6
	Women	14.5	15.5	13.7	14.0	13.8	15.9	15.3	13.8	14.5
	All adults	14.7	15.3	14.4	15.1	14.6	16.2	15.5	15.9	15.1

Notes: For adults aged 16 years and over.
 CHD: Coronary heart disease.
 CVD: Cardiovascular disease.

Source: The Scottish Government (2016). The Scottish Health Survey 2015.
<http://www.gov.scot/Publications/2016/09/2764> (accessed January 2017).

Figure 2.10 Prevalence of selected cardiovascular conditions by gender, Scotland 2003-2014



bhf.org.uk/statistics

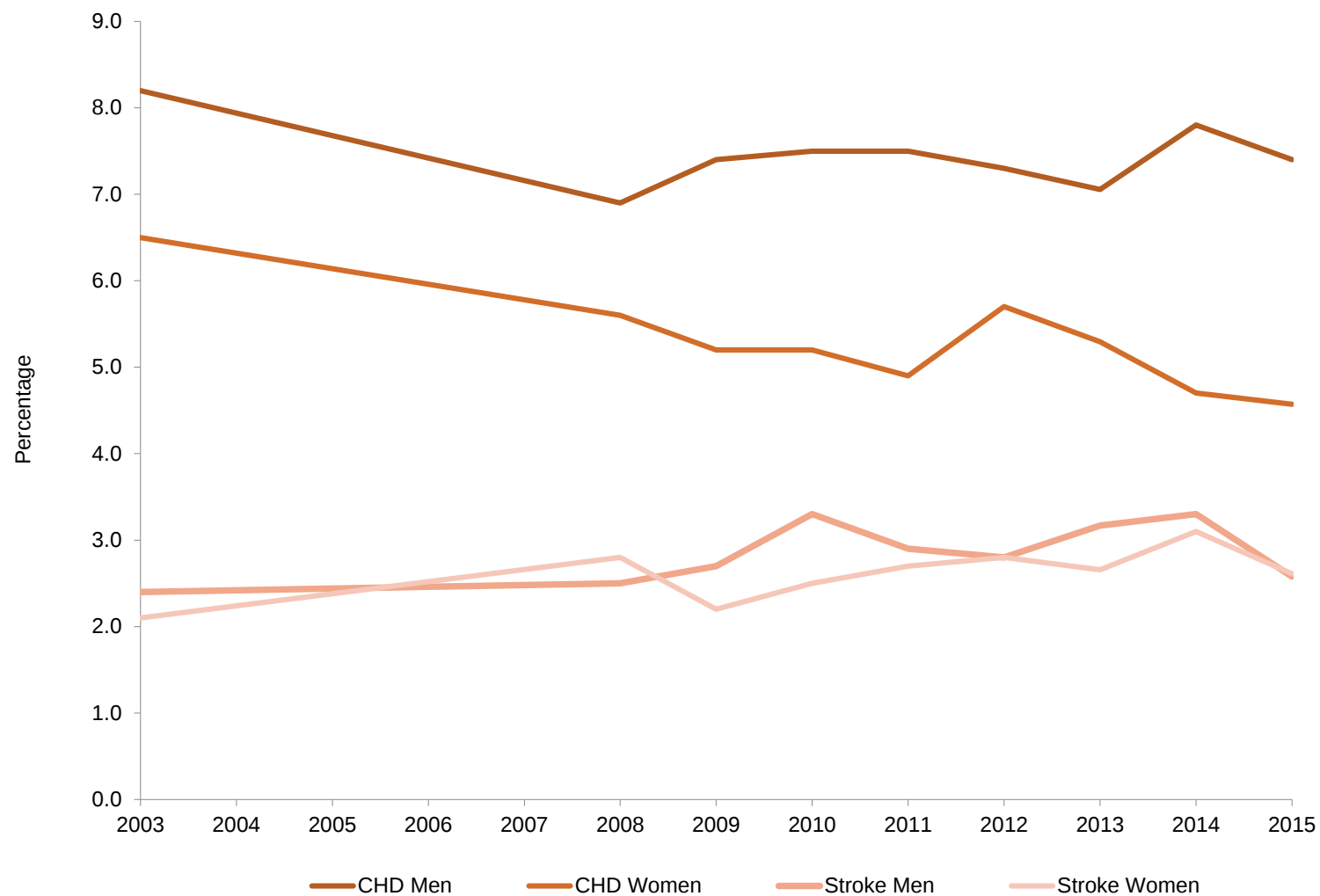


Table 2.11 Prevalence of selected heart conditions and stroke by gender, Wales 2003/04-2015

		%									
		2003/04	2007	2008	2009	2010	2011	2012	2013	2014	2015
Myocardial infarction	Men	6.0	6.0	6.0	5.0	5.0	5.1	5.1	5.0	4.6	4.9
	Women	3.0	3.0	2.0	3.0	2.6	2.5	2.6	2.3	2.4	2.3
	All adults	5.0	4.0	4.0	4.0	3.8	3.8	3.8	3.6	3.5	3.6
Angina	Men	6.0	5.0	4.0	5.0	4.1	4.0	3.9	3.8	3.3	3.1
	Women	5.0	4.0	4.0	4.0	3.4	3.5	3.2	3.1	3.0	2.9
	All adults	5.0	5.0	4.0	4.0	3.7	3.7	3.5	3.4	3.2	3.0
Heart failure	Men	2.0	2.0	2.0	2.0	1.6	1.9	1.5	1.9	1.6	1.8
	Women	1.0	1.0	1.0	1.0	1.2	1.2	1.1	1.2	1.0	1.1
	All adults	2.0	2.0	1.0	1.0	1.4	1.5	1.3	1.5	1.3	1.4
Any heart condition	Men	11.0	11.0	10.0	10.0	9.5	9.7	9.9	9.9	9.6	9.4
	Women	9.0	8.0	8.0	8.0	7.3	7.6	7.6	7.0	7.5	7.3
	All adults	10.0	9.0	9.0	9.0	8.4	8.6	8.7	8.4	8.5	8.3
Stroke	Men	3.0	2.0	3.0	3.0	2.8	2.8	2.7	3.0	3.0	3.0
	Women	3.0	2.0	2.0	2.0	2.1	2.3	2.0	2.5	2.3	2.5
	All adults	3.0	2.0	2.0	2.0	2.5	2.6	2.3	2.7	2.7	2.7

Notes:

For adults aged 16 years and over.

Source:

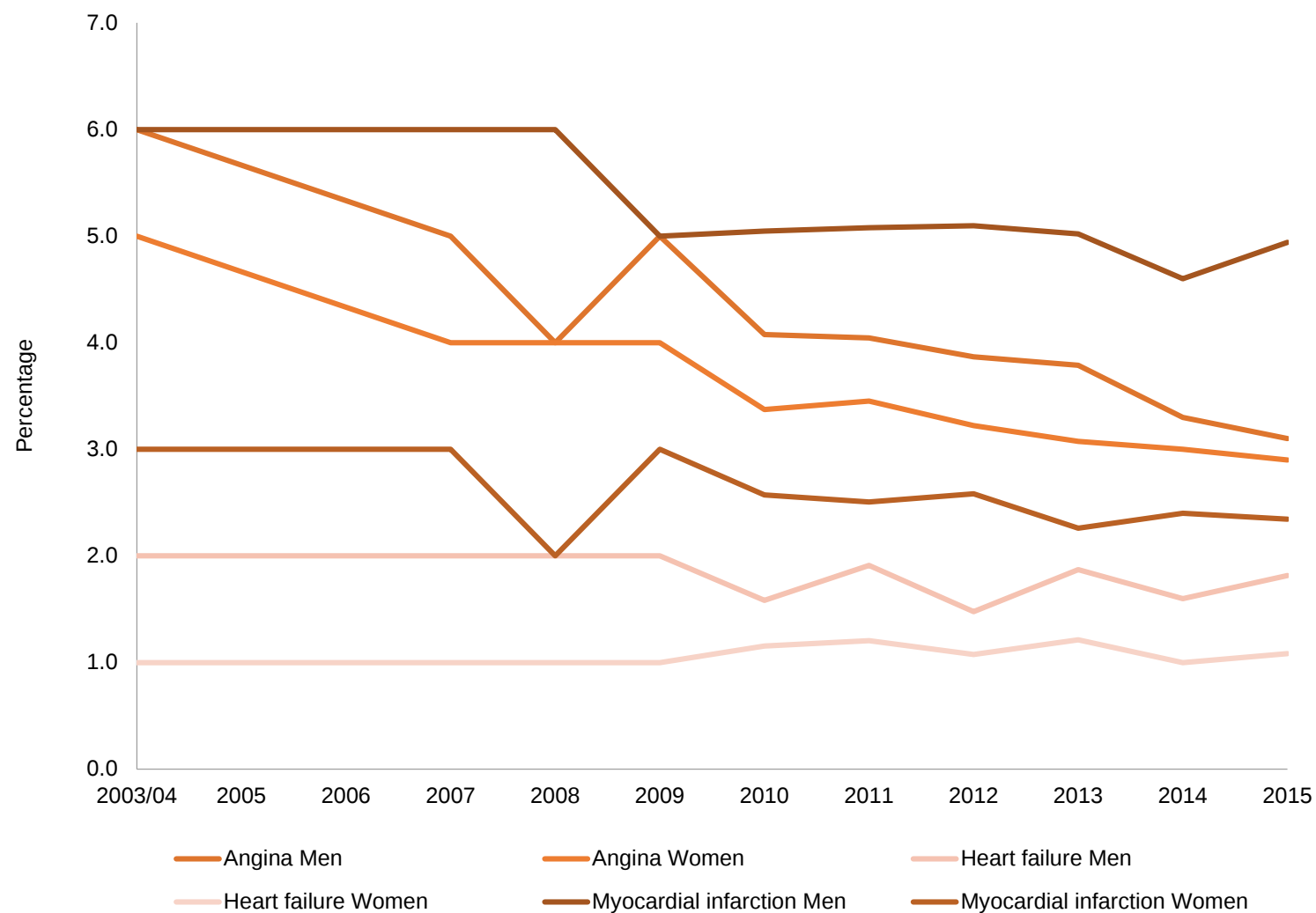
The Welsh Government (2016). Welsh Health Surveys: 2003/04 - 2015 (accessed January 2017)

<http://gov.wales/statistics-and-research/welsh-health-survey/?tab=previous&lang=en>

Figure 2.11 Prevalence of selected heart conditions by gender, Wales 2003/04-2015



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Cardiovascular Disease Statistics 2017 - Chapter 3 - Treatment

This chapter reports on different methods of treatment for cardiovascular disease (CVD), with a focus on treatments for coronary heart disease (CHD). It includes tables and figures for trends and latest statistics on the number of prescriptions, operations and cardiac arrest survival in the UK.

PRESCRIPTIONS

Table 3.1	Figure 3.1	Prescriptions used in the prevention and treatment of cardiovascular disease, England 1981 to 2015
Table 3.2	Figure 3.2	Prescriptions used in the prevention and treatment of cardiovascular disease, Wales 2005 to 2015
Table 3.3	Figure 3.3	Prescriptions used in the prevention and treatment of cardiovascular disease, Scotland 2001/02 to 2015/16
Table 3.4	Figure 3.4	Prescriptions used in the prevention and treatment of cardiovascular disease, Northern Ireland 2000 to 2015
Table 3.5		Prescriptions used in the prevention and treatment of cardiovascular disease, United Kingdom latest available year

OPERATIONS

Table 3.6	Figure 3.6	Number of CABGs and PCIs, United Kingdom 1977 to 2014
Table 3.7		Number of valve replacements and repairs, United Kingdom 2003 to 2013

TRANSPLANTS

Table 3.8		Cardiothoracic transplant list, United Kingdom 2015/16
Table 3.9		Cardiothoracic transplants and rate per million population, by country, United Kingdom 2010/11 to 2015/16

OUT-OF-HOSPITAL CARDIAC ARRESTS

Table 3.10		Out-of-hospital cardiac arrest survival rates, England 2011-12 to 2015-16
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Table 3.1 Prescriptions used in the prevention and treatment of cardiovascular disease, England 1981 to 2015

Prescriptions	Thousands (000s)														
	1981	1986	1991	1996	2001	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Digoxin and other positive inotropic drugs (2.1)	4,243	3,722	3,822	3,871	4,031	4,126	4,141	4,149	4,119	4,088	4,006	3,900	3,770	3,634	3,460
Diuretics (2.2)	20,678	21,996	22,195	23,106	30,203	37,582	37,355	37,536	37,511	37,687	37,563	37,258	36,650	36,208	35,327
Anti-arrhythmic drugs (2.3)	232	334	532	840	1,292	1,265	1,247	1,226	1,188	1,174	1,156	1,129	1,107	1,088	1,061
Beta-adrenoreceptor blocking drugs (2.4)	9,827	12,525	14,282	14,375	20,439	27,378	26,810	27,634	28,529	29,686	30,924	32,355	33,597	34,860	35,948
Antihypertensive and heart failure drugs (2.5)	4,912	4,424	6,431	12,125	25,047	47,742	53,634	57,823	60,838	63,571	65,449	67,184	68,652	70,072	70,774
Nitrates, calcium blockers & other antianginal drugs (2.6)	5,156	10,314	16,718	21,971	26,814	34,707	37,214	39,100	40,575	42,043	43,086	44,675	45,868	46,992	47,812
Anticoagulants and protamine (2.8)	629	900	1,356	2,609	4,609	6,790	7,309	7,991	8,546	9,157	9,773	10,723	11,906	13,173	14,647
Antiplatelet drugs (2.9)	281	1,058	3,619	9,002	18,891	32,779	35,382	38,124	39,107	38,182	38,351	38,603	38,661	38,444	37,312
Anti-fibrinolytic drugs and haemostatics (2.11)					282	327	352	358	363	373	392	396	393	408	416
Lipid-lowering drugs (2.12)	295	247	1,066	3,138	13,523	42,098	47,412	52,190	56,452	59,550	61,649	64,399	66,795	68,437	69,731
All prescriptions for disease of the circulatory system	46,252	55,520	70,022	91,037	145,131	234,793	250,855	266,130	277,244	285,530	292,370	300,647	307,424	313,342	316,520

Notes: The data up to 1990 are not consistent with data from 1991 onwards. Figures up to 1990 are based on fees and on a sample of 1 in 200 prescriptions dispensed by community pharmacists and appliance contractors only. Figures from 1991 are based on items and cover all prescriptions dispensed by community pharmacists, appliance contractors, dispensing doctors and prescriptions submitted by prescribing doctors for items personally administered. British National Formulary (BNF) codes in parentheses.

Source: NHS Digital (2016). Prescription cost analysis 2015.
<http://content.digital.nhs.uk/catalogue/PUB20200>

Figure 3.1 Prescriptions used in the prevention and treatment of CVD, England 1981 to 2015



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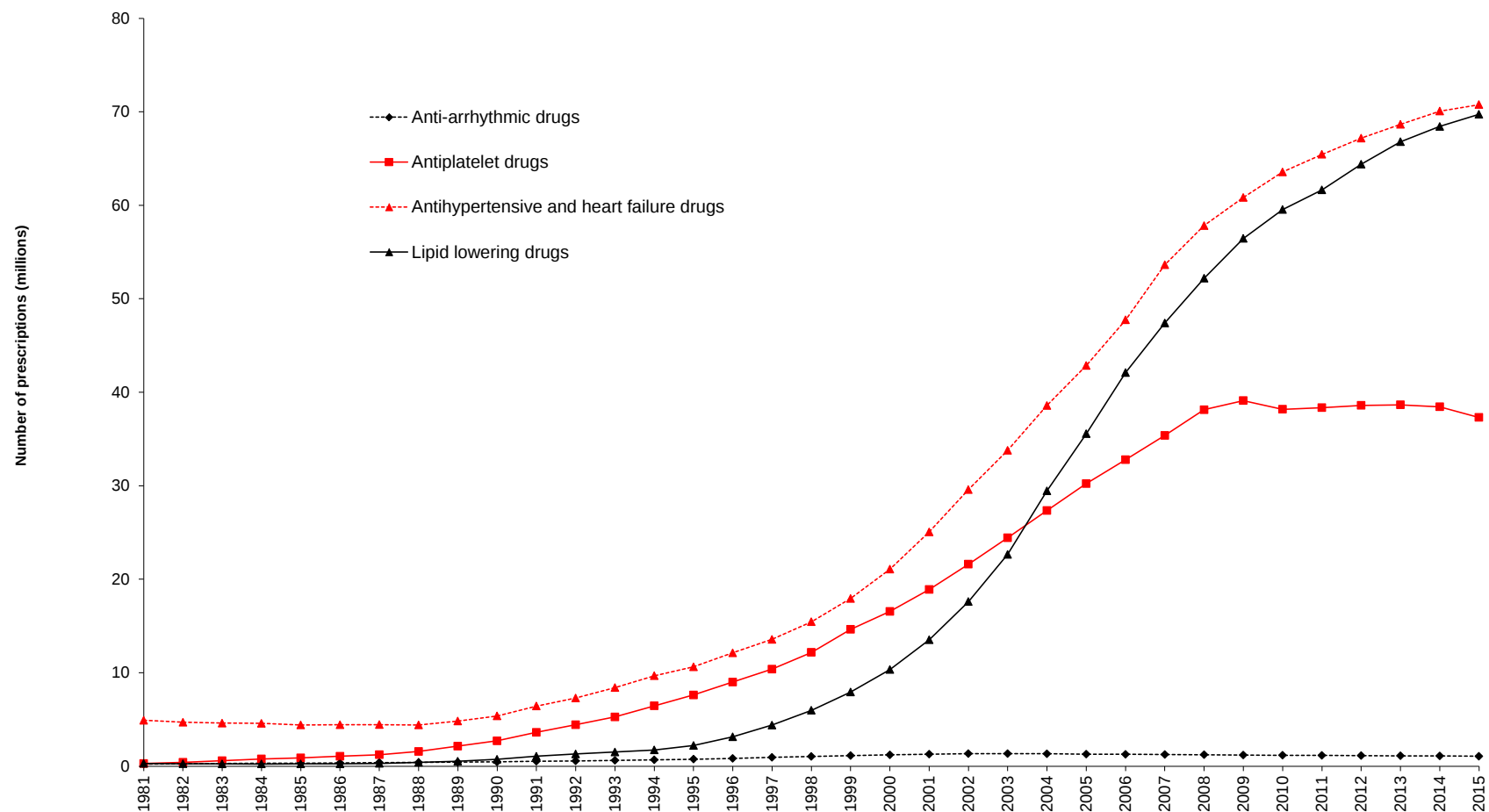


Table 3.2 Prescriptions used in the prevention and treatment of cardiovascular disease, Wales 2005 to 2015

Prescriptions	Thousands (000s)										
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Digoxin and other positive inotropic drugs (2.1)	362	357	337	319	307	296	284	273	260	249	235
Diuretics (2.2)	3,083	3,091	3,028	3,000	2,979	2,971	2,960	2,940	2,897	2,866	2,782
Anti-arrhythmic drugs (2.3)	99	94	87	81	75	68	64	62	61	61	60
Beta-adrenoreceptor blocking drugs (2.4)	2,093	2,110	2,071	2,116	2,165	2,237	2,322	2,424	2,505	2,584	2,643
Antihypertensive and heart failure drugs (2.5)	3,442	3,774	4,124	4,402	4,601	4,781	4,920	5,063	5,173	5,290	5,324
Nitrates, calcium blockers & other antianginal drugs (2.6)	2,731	2,892	3,032	3,135	3,205	3,263	3,314	3,390	3,438	3,489	3,506
Anticoagulants and protamine (2.8)	576	612	650	689	723	764	808	874	944	1,030	1,125
Antiplatelet drugs (2.9)	2,563	2,716	2,846	3,011	3,045	2,933	2,905	2,890	2,860	2,816	2,696
Anti-fibrinolytic drugs and haemostatics (2.11)	23	24	28	30	30	31	33	34	33	34	34
Lipid-lowering drugs (2.12)	3,103	3,626	3,985	4,297	4,562	4,693	4,788	4,956	5,076	5,150	5,129
All prescriptions for disease of the circulatory system	18,073	19,296	20,188	21,082	21,691	22,037	22,399	22,906	23,248	23,571	23,535

Notes: British National Formulary (BNF) codes in parentheses.

Source: Health Statistics and Analysis Unit (2016). Prescription cost analysis 2015. Welsh Government:Cardiff and previous editions.

<http://gov.wales/statistics-and-research/prescriptions-dispensed-community/?lang=en>

Figure 3.2 Prescriptions used in the prevention and treatment of CVD, Wales 2005 to 2015



bhf.org.uk/statistics

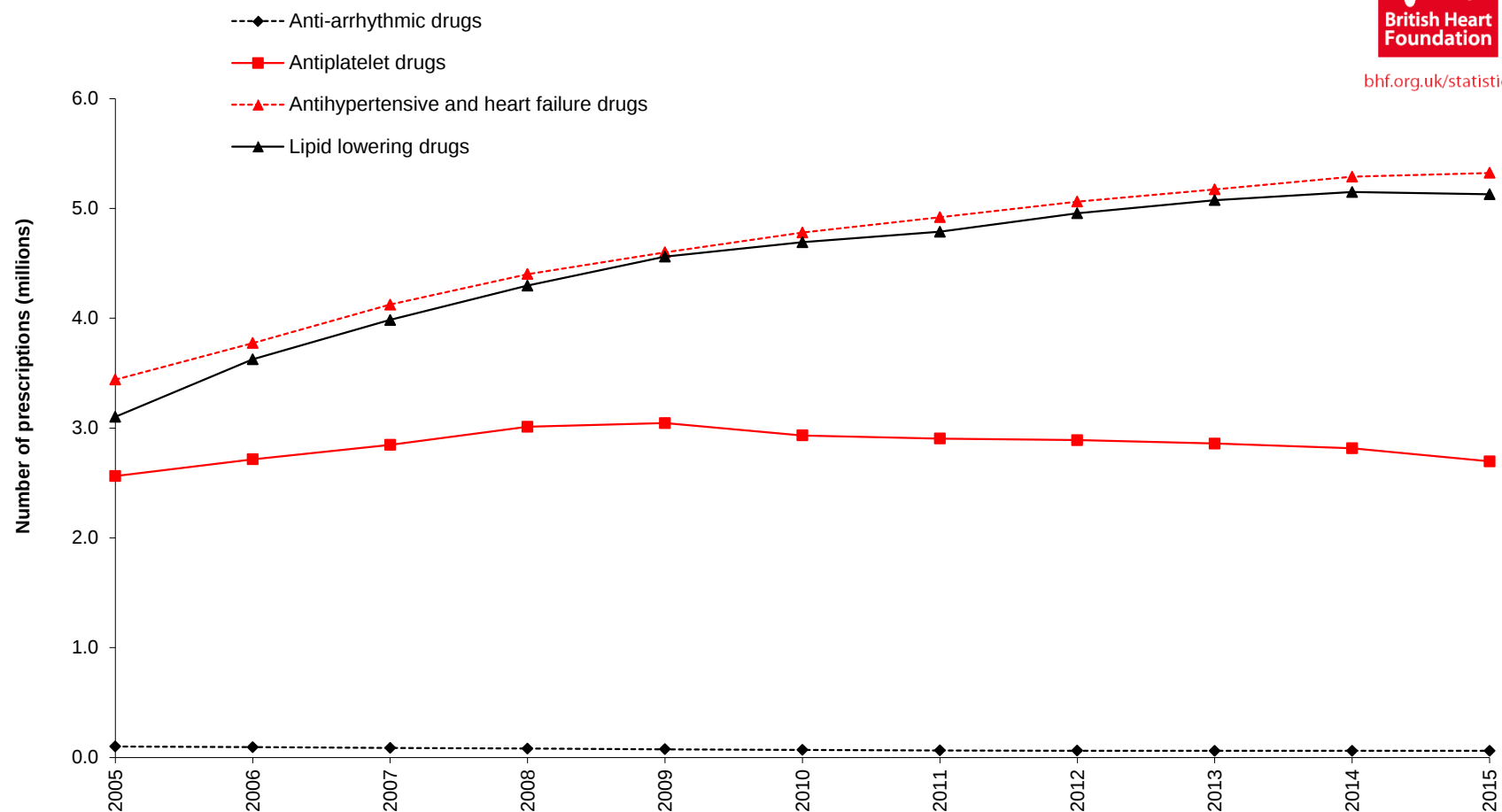


Table 3.3 Prescriptions used in the prevention and treatment of cardiovascular disease, Scotland 2001/02 to 2015/16

	Thousands (000s)											
Prescriptions	2001/02	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
Digoxin and other positive inotropic drugs (2.1)	358	323	315	305	296	291	283	276	269	260	252	246
Diuretics (2.2)	3,469	3,914	3,810	3,680	3,597	3,544	3,457	3,382	3,269	3,154	3,057	2,942
Anti-arrhythmic drugs (2.3)	102	90	85	81	77	73	70	71	69	68	67	66
Beta-adrenoreceptor blocking drugs (2.4)	2,508	3,027	2,940	2,853	2,850	2,883	2,909	2,957	2,998	3,048	3,102	3,150
Antihypertensive and heart failure drugs (2.5)	2,298	3,777	4,127	4,462	4,693	4,875	4,965	5,045	5,095	5,160	5,220	5,223
Nitrates, calcium blockers & other antianginal drugs (2.6)	3,278	3,542	3,625	3,666	3,683	3,714	3,697	3,699	3,716	3,735	3,738	3,750
Anticoagulants and protamine (2.8)	489	612	646	676	707	743	773	819	884	958	1,035	1,108
Antiplatelet drugs (2.9)	2,461	3,448	3,545	3,652	3,743	3,724	3,577	3,506	3,404	3,295	3,218	3,108
Anti-fibrinolytic drugs and haemostatics (2.11)	35	36	38	39	41	42	43	44	47	47	47	48
Lipid-lowering drugs (2.12)	1,667	3,649	4,081	4,376	4,624	4,826	4,875	4,861	4,907	4,977	5,024	5,002
All prescriptions for disease of the circulatory system	16,667	22,418	23,212	23,791	24,312	24,716	24,649	24,660	24,657	24,703	24,764	24,644

Notes: British National Formulary (BNF) codes in parentheses.

Source: ISD Scotland (2016). Prescription Cost Analysis 2015/16. NHS National Services: Edinburgh. and previous editions.

www.isdscotland.org/Health-Topics/Prescribing-and-medicines/Community-Dispensing/Prescription-Cost-Analysis/

Figure 3.3 Prescriptions used in the prevention and treatment of CVD, Scotland 2001/02 to 2014/15



bhf.org.uk/statistics

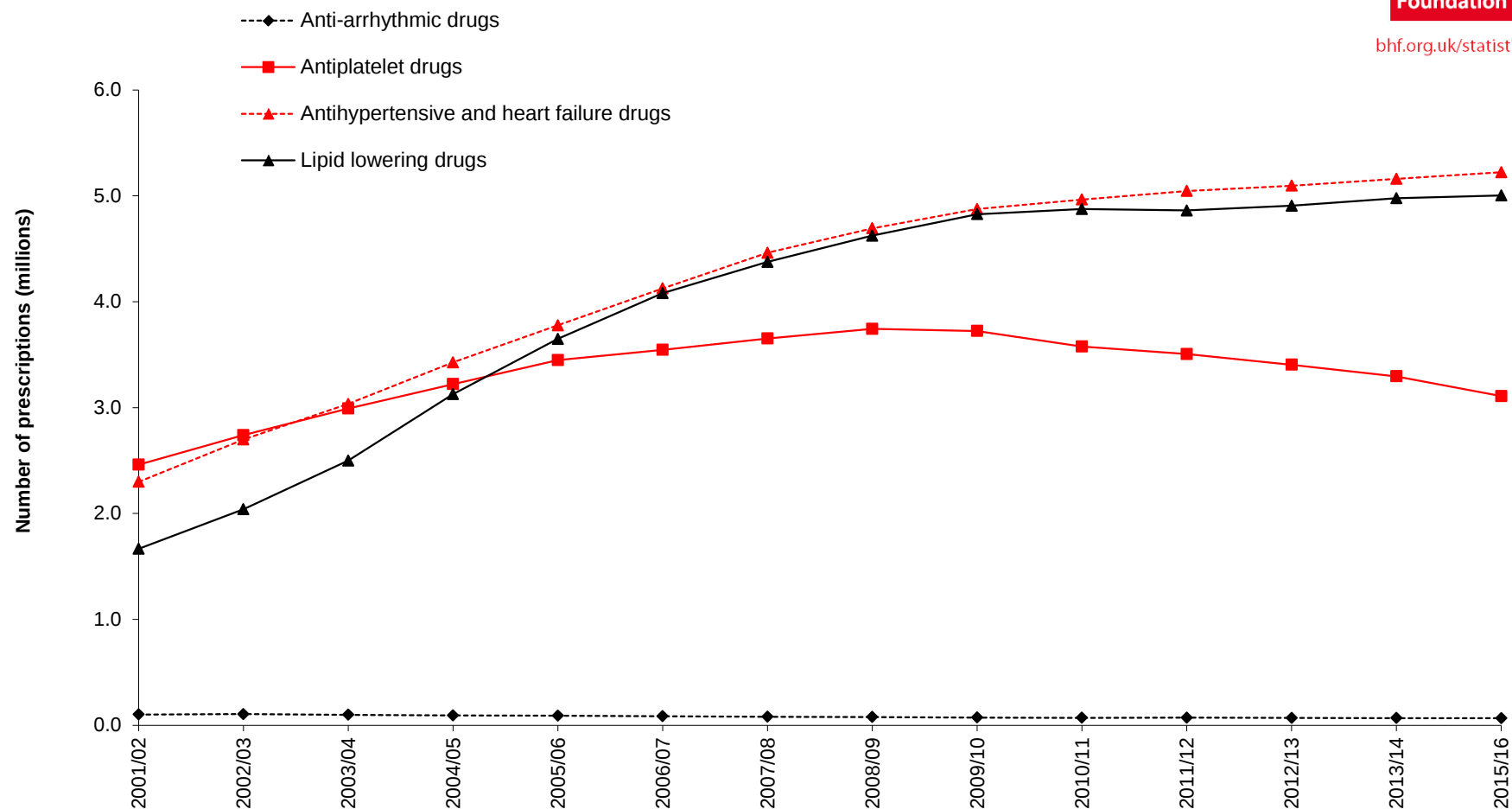


Table 3.4 Prescriptions used in the prevention and treatment of cardiovascular disease, Northern Ireland 2000 to 2015

	Thousands (000s)											
Prescriptions	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Digoxin and other positive inotropic drugs (2.1)	132	107	104	101	99	96	95	93	92	90	88	82
Diuretics (2.2)	819	1,015	1,009	992	983	983	992	1,002	996	978	961	940
Anti-arrhythmic drugs (2.3)	41	38	36	35	34	32	31	32	31	30	29	28
Beta-adrenoreceptor blocking drugs (2.4)	641	908	918	915	937	967	1,020	1,059	1,108	1,150	1,190	1,230
Antihypertensive and heart failure drugs (2.5)	602	1,145	1,247	1,364	1,445	1,517	1,595	1,640	1,689	1,728	1,770	1,799
Nitrates, calcium blockers & other antianginal drugs (2.6)	928	1,001	1,039	1,080	1,089	1,097	1,124	1,154	1,188	1,218	1,234	1,255
Anticoagulants and protamine (2.8)	138	183	194	207	220	233	249	274	300	334	366	394
Antiplatelet drugs (2.9)	539	957	1,026	1,095	1,151	1,177	1,192	1,223	1,239	1,239	1,229	1,202
Anti-fibrinolytic drugs and haemostatics (2.11)	0	12	12	13	13	14	14	16	17	16	16	16
Lipid-lowering drugs (2.12)	376	1,047	1,227	1,393	1,534	1,652	1,761	1,838	1,901	1,954	1,988	2,035
All prescriptions for disease of the circulatory system	4,226	6,413	6,812	7,195	7,505	7,769	8,073	8,331	8,560	8,736	8,869	8,984

Notes: British National Formulary (BNF) codes in parentheses.

Source: HSC (2016). Prescription Cost Analysis 2015. Business Services Organisation: Belfast.
www.hscbusiness.hscni.net/services/1806.htm

Figure 3.4 Prescriptions used in the prevention and treatment of CVD, Northern Ireland 2000 to 2015



bhf.org.uk/statistics

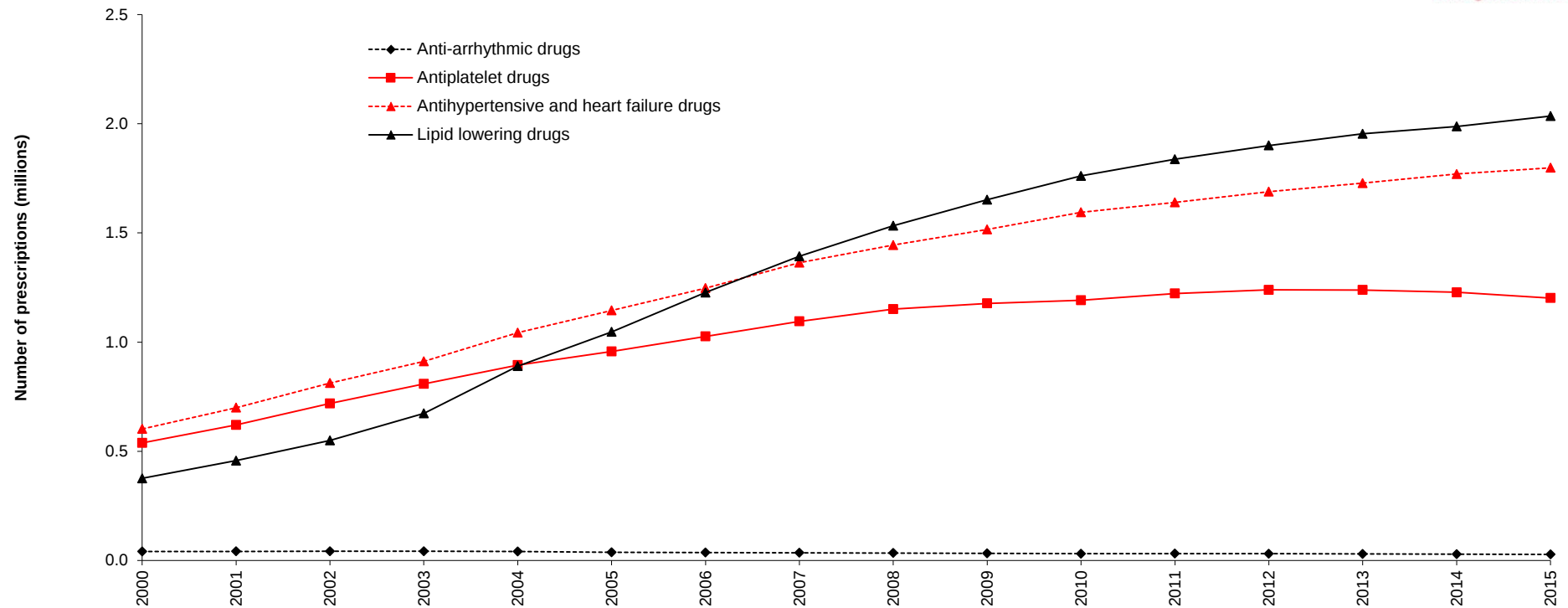


Table 3.5 Prescriptions used in the prevention and treatment of cardiovascular disease, United Kingdom, latest available year

	Thousands (000s)				
Prescriptions	England 2015	Wales 2015	Scotland 2015/16	Northern Ireland 2015	UK latest
Digoxin and other positive inotropic drugs (2.1)	3,460	235	246	82	4,023
Diuretics (2.2)	35,327	2,782	2,942	940	41,991
Anti-arrhythmic drugs (2.3)	1,061	60	66	28	1,215
Beta-adrenoreceptor blocking drugs (2.4)	35,948	2,643	3,150	1,230	42,971
Antihypertensive and heart failure drugs (2.5)	70,774	5,324	5,223	1,799	83,120
Nitrates, calcium blockers & other antianginal drugs (2.6)	47,812	3,506	3,750	1,255	56,323
Anticoagulants and protamine (2.8)	14,647	1,125	1,108	394	17,274
Antiplatelet drugs (2.9)	37,312	2,696	3,108	1,202	44,318
Antifibrinolytic drugs & haemostatics (2.11)	416	34	48	16	514
Lipid-lowering drugs (2.12)	69,731	5,129	5,002	2,035	81,897
All prescriptions for disease of the cardiovascular system	316,520	23,535	24,764	8,978	373,797

Notes: Figures are based on items and cover all prescriptions dispensed by community pharmacists, appliance contractors, dispensing doctors and prescriptions submitted by prescribing doctors for items personally administered. British National Formulary (BNF) codes in parentheses.

*Source: NHS Digital (2016). Prescription cost analysis 2015.
Health Statistics and Analysis Unit (2016). Prescription cost analysis 2015. Welsh Government:Cardiff and previous editions.
ISD Scotland (2016). Prescription Cost Analysis 2015/16. NHS National Services: Edinburgh. and previous editions.
HSC (2016). Prescription Cost Analysis 2015. Business Services Organisation: Belfast.*

Table 3.6 Number of CABGs and PCIs, United Kingdom 1977 to 2014

	Coronary artery bypass surgery (CABG)	Percutaneous coronary interventions (PCI)
1977	2,297	
1978	2,653	
1979	2,918	
1980	4,057	
1981	5,130	
1982	6,008	
1983	8,332	
1984	9,433	
1985	10,667	
1986	10,767	
1987	11,521	
1988*	11,113	
1989	12,648	
1990	14,431	
1991	15,659	9,933
1992	19,241	11,575
1993	21,031	12,937
1994	22,056	14,624
1995	22,475	17,344
1996	22,160	20,511
1997	25,639	22,902
1998	25,083	24,899
1999	24,733	28,133
2000	25,127	33,256
2001	24,663	38,992
2002	25,277	44,913
2003	25,461	53,261
2004	25,160	62,780
2005	23,412	70,142
2006	23,623	73,692
2007	25,372	77,373
2008	22,846	80,331
2009	19,766	83,130
2010	17,822	87,676
2011	17,972	88,692
2012	17,119	92,445
2013	16,791	92,589
2014	17,513	96,143

Notes: Operations performed in NHS hospitals and selected private hospitals are included.

Source: British Cardiovascular Intervention Society (2017). BCIS Audit returns . Personal communication.
The Society for Cardiothoracic Surgery in Great Britain & Ireland (2017). . Accessed in May 2015
<http://bluebook.scts.org/#ActivityRates>

Figure 3.6 Number of coronary artery bypass operations and percutaneous coronary interventions per year, United Kingdom 1980 to 2014



bhf.org.uk/statistics

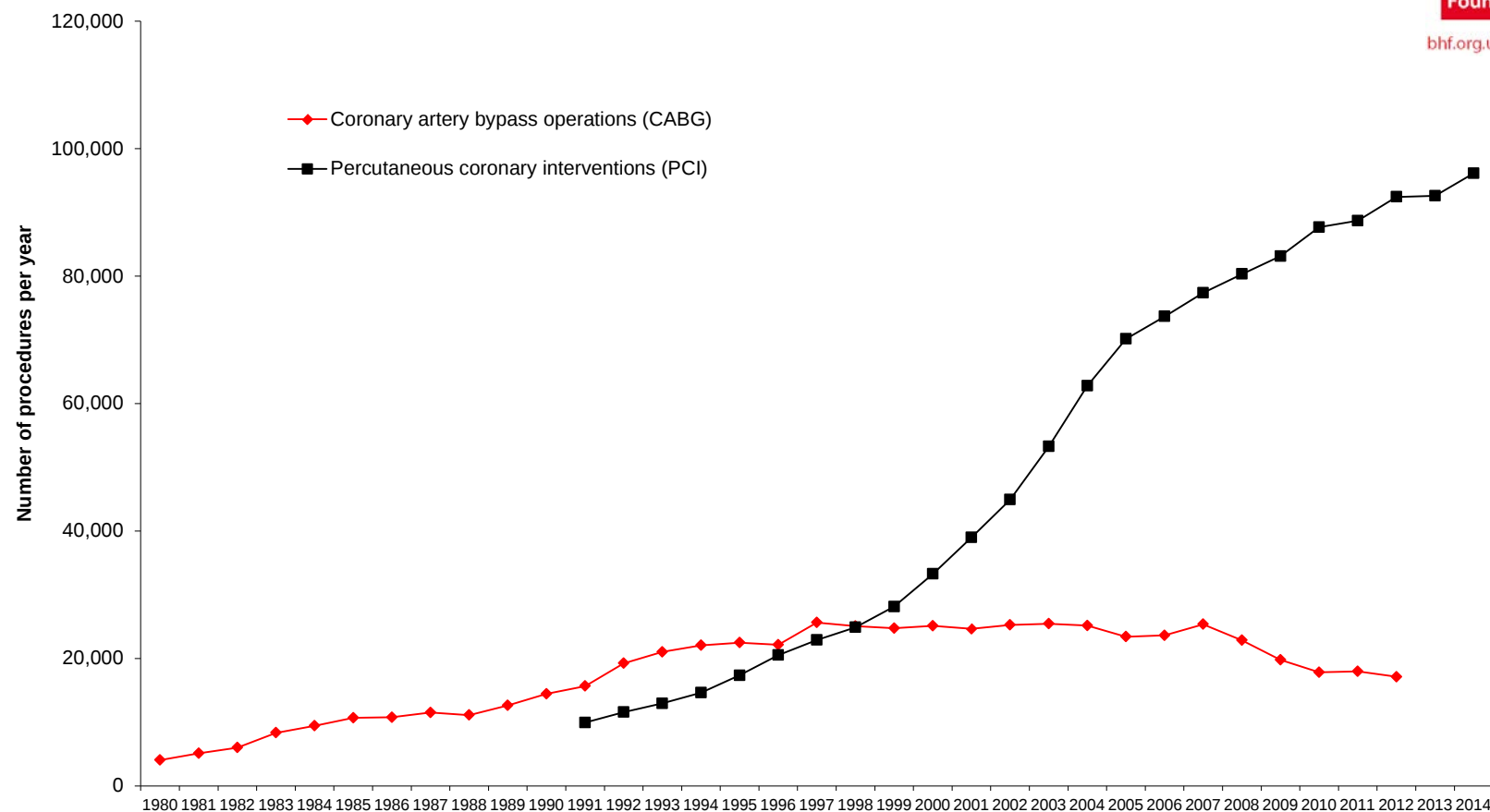


Table 3.7 Number of valve replacements and repairs, United Kingdom 2003 to 2013

Operation	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Isolated aortic valve replacement	3,361	3,494	3,545	3,626	4,040	4,432	4,402	4,288	4,787	4,769	4,893
Aortic valve replacement and coronary artery bypass graft (CABG)	2,445	2,519	2,796	2,913	3,122	3,433	3,222	3,144	3,205	3,398	3,240
Isolated mitral repair	771	911	1,017	1,118	1,190	1,332	1,316	1,359	1,380	1,491	1,558
Mitral repair and coronary artery bypass graft (CABG)□	450	552	580	652	591	665	624	581	575	606	573
Isolated mitral replacement	797	804	740	733	845	876	746	669	687	658	789
Mitral replacement and coronary artery bypass graft (CABG)	347	341	308	349	327	315	307	245	250	241	253

Notes: First time operations only
Operations performed in NHS hospitals and selected private hospitals are included.

Source: The Society for Cardiothoracic Surgery in Great Britain & Ireland (2015).
<http://bluebook.scts.org/>

Table 3.8 Cardiothoracic transplant list, United Kingdom 2015/16

	New registrations in 2015 /16		Total registrations	
	Number	%	Number	%
Heart transplant list				
Remained active / suspended	117	40	269	48
Transplanted	121	42	193	35
Removed	31	11	54	10
Died	20	7	42	8
TOTAL	289		558	
Heart/lung transplant list				
Remained active / suspended	6	55	14	56
Transplanted	3	27	7	28
Died	2	18	4	16
TOTAL	11		25	

Notes: Includes re-registrations for second or subsequent transplants
Activities for the year ending 31 March 2016

Source: NHS Blood and Transplant (2016). Organ donation and transplantation. NHS
www.organdonation.nhs.uk/supporting-my-decision/statistics-about-organ-donation/

Table 3.9 Cardiothoracic transplants and rate per million population, by country, United Kingdom 2010/11 to 2015/16

Country	2010/11		2011/12		2012/13		2013/14		2014/15		2015/16	
	<i>n</i>	<i>rate</i>	<i>n</i>	<i>rate</i>	<i>n</i>	<i>rate</i>	<i>n</i>	<i>rate</i>	<i>n</i>	<i>rate</i>	<i>n</i>	<i>rate</i>
England	94	1.8	113	2.2	119	2.2	163	3.0	155	2.9	166	3.1
Wales	6	2.0	8	2.7	5	1.6	4	1.3	7	2.3	11	3.6
Scotland	12	2.3	13	2.5	13	2.5	21	4.0	16	3.0	9	1.7
Northern Ireland	14	7.8	4	2.2	5	2.8	5	2.7	0	0.0	7	3.8
UK	126	2.0	138	2.2	142	2.2	193	3.0	179	2.8	179	2.8

Notes: Excludes patients whose postcodes were unknown. Excludes lung transplant.

Source: Organ Donation and Transplantation. Activity Report 2015/16 (2016) and previous reports. Organ donation and transplantation. NHS Blood and Transplant, NHS.
www.organdonation.nhs.uk/supporting-my-decision/statistics-about-organ-donation/transplant-activity-report/

Table 3.10 Out-of-hospital cardiac arrest survival rates, England 2011-12 to 2015-16

	2011-12	2012-13	2013-14	2014-15	2015-16
Number of resuscitation attempts	22,230	28,784	29,528	30,406	29,372
Number discharged from hospital alive	1,701	2,254	2,560	2,630	2,447
Proportion discharged from hospital alive %	7.7	7.8	8.7	8.6	8.3

Notes: Resuscitation commenced / continued by ambulance service

Source: NHS England (2017). Ambulance Quality Indicators. Analytical Service (Operations): Leeds

www.england.nhs.uk/statistics/statistical-work-areas/ambulance-quality-indicators/



bhf.org.uk/statistics

Cardiovascular Disease Statistics 2017 - Chapter 4 - Costs

In this chapter we present the cost to the NHS and the wider economy of treating CVD in the UK.

ENGLAND

Table 4.1	Figure 4.1	NHS expenditure in £ millions on cardiovascular disease by care setting and condition, England 2013/14
Table 4.2		NHS expenditure on CVD by CCG cluster, England 2013/14
Table 4.3		NHS expenditure on CVD by Commissioning Region, England 2013/14

WALES

Table 4.4	NHS expenditure on CVD by Health Board, Wales 2014/15
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NORTHERN IRELAND

Table 4.5	NHS expenditure on CVD by Health and Social Care Trust, Northern Ireland 2014/15
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SCOTLAND

Table 4.6	NHS expenditure on CVD by care setting and condition, Scotland 2011/12
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ECONOMIC COSTS

Section 4.7	Economic costs of CVD, United Kingdom 2015
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Table 4.1 NHS expenditure on cardiovascular disease by care setting and condition, England 2013/14

	Expenditure (£ million)							
	Primary Prescribing	Unscheduled care	Scheduled care	Unbundled care	Total secondary care	Community & end of life care	Running costs	Total costs
Coronary heart disease	346.1	314.9	186.5	32.4	218.8	51.8	22.2	953.7
Stroke	21.0	399.5	47.8	40.6	88.4	165.8	15.1	689.9
Rhythm	11.3	176.1	118.8	12.0	130.8	14.2	7.8	340.2
Other CVD	588.6	841.5	583.7	110.8	694.5	132.0	51.1	2,307.7
Total CVD	967.0	1,732.0	936.8	195.7	1,132.5	363.8	96.3	4,291.5

Notes:

Expenditure data included within this workbook are taken from the 2013-14 CCG programme budgeting returns. Programme budgeting returns represent a subset of overall NHS expenditure data.

Calculating programme budgeting data is complex and not all healthcare activity or services can be classified directly to a programme budgeting category or care setting.

When it is not possible to reasonably estimate a programme budgeting category, expenditure is classified as 'Other'.

The allocation of expenditure to programme budgeting subcategories is not always straightforward, and subcategory level data should therefore be used with caution.

Estimates of expenditure are calculated using price paid for specific activities and services purchased from healthcare providers.

CCGs follow standard guidance, procedures and mappings when calculating programme budgeting data.

Unscheduled Care: Non-elective admissions (PBR), Unscheduled Care: A&E, Unscheduled Care: Emergency Transport and Unscheduled Care: Other Urgent Care

Scheduled Care: Daycase and elective (PBR) and Scheduled Care Outpatient - (PBR & Non-PBR)

Unbundled care includes, Unbundled Diagnostic Imaging, Unbundled/high cost: Critical Care, Unbundled/high cost: Drugs & devices, Unbundled/high cost: Other and Direct Access Diagnostic Imaging

Total secondary care includes, all Scheduled and Unbundled care.

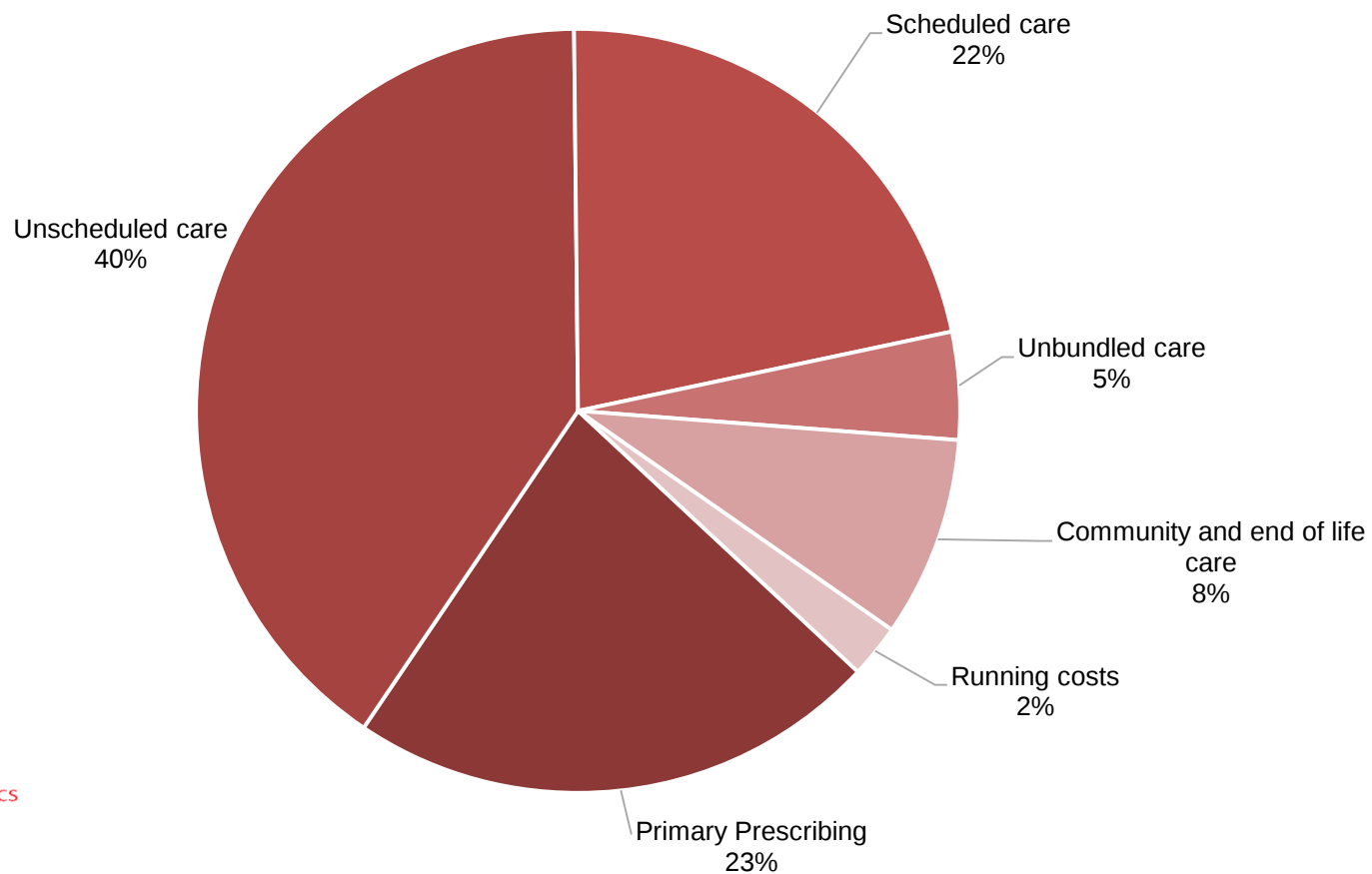
Community and end of life care includes, Community and integrated care and End of Life Care

Source:

NHS England - Analytical services - Programme Budgeting Team (2015) 2013/14 Programme Budgeting Benchmarking Tool. <https://www.england.nhs.uk/resources/resources-for-ccgs/prog-budgeting/> (accessed May 2015).

2015 budgeting tool is currently in progress.

Figure 4.1 Percentage of NHS expenditure on cardiovascular disease by care setting, England 2013/14



bhf.org.uk/statistics

Table 4.2 NHS expenditure on CVD by CCG cluster, England 2013/14

	Expenditure per head of population / £								Gross Expenditure (£ millions)								Percentage of total health care expenditure %							
	Cone	Cube	Cylinder	Prism	Pyramid	Sphere	Tetrahedron	Torus	Cone	Cube	Cylinder	Prism	Pyramid	Sphere	Tetrahedron	Torus	Cone	Cube	Cylinder	Prism	Pyramid	Sphere	Tetrahedron	Torus
Coronary Heart Disease	17.51	19.48	16.21	15.41	18.14	14.50	10.78	15.57	192.5	245.0	124.8	82.7	164.1	76.1	16.0	52.5	1.6	1.5	1.5	1.4	1.5	1.3	0.9	1.4
Stroke	13.19	13.70	9.96	9.25	16.77	9.87	5.45	10.27	145.1	172.3	76.7	49.6	151.7	51.8	8.1	34.6	1.2	1.1	0.9	0.9	1.4	0.9	0.5	0.9
Rhythm	6.69	5.88	6.14	4.85	7.29	5.64	4.51	5.11	73.5	73.9	47.3	26.0	65.9	29.6	6.7	17.3	0.6	0.5	0.6	0.4	0.6	0.5	0.4	0.5
Other CVD	41.31	43.83	39.19	37.08	44.70	38.96	35.05	41.65	454.3	551.3	301.7	199.0	404.4	204.5	52.0	140.5	3.8	3.5	3.7	3.4	3.8	3.4	2.9	3.7
Total CVD	78.70	82.88	71.50	66.58	86.89	68.97	55.79	72.60	865.4	1042.5	550.4	357.3	786.2	361.9	82.8	245.0	7.2	6.6	6.8	6.1	7.4	6.0	4.6	6.4

Notes:
Expenditure data included within this workbook are taken from the 2013-14 CCG programme budgeting returns. Programme budgeting returns represent a subset of overall NHS expenditure data. Calculating programme budgeting data is complex and not all healthcare activity or services can be classified directly to a programme budgeting category or care setting. When it is not possible to reasonably estimate a programme budgeting category, expenditure is classified as 'Other'. The allocation of expenditure to programme budgeting subcategories is not always straightforward, and subcategory level data should therefore be used with caution. Estimates of expenditure are calculated using price paid for specific activities and services purchased from healthcare providers. CCGs follow standard guidance, procedures and mappings when calculating programme budgeting data. CCGs are categorised into clusters based on a number of measures, including indices of deprivation, population numbers, population density, population age distribution and ethnicity.

Source:
NHS England - Analytical services - Programme Budgeting Team (2015) 2013/14 Programme Budgeting Benchmarking Tool. <https://www.england.nhs.uk/resources/resources-for-ccgs/prog-budgeting/> (accessed May 2015).

Table 4.3 NHS expenditure on CVD by Commissioning Region, England 2013/14

Region	Expenditure per head of population / £					Total expenditure (£ million)					Percentage of total health care expenditure				
	CHD	Stroke	Rhythm	Other circulation	Total CVD	CHD	Stroke	Rhythm	Other circulation	Total CVD	CHD	Stroke	Rhythm	Other circulation	Total CVD
London	14.6	8.6	5.4	39.1	67.7	132.2	77.8	48.9	354.4	613.4	1.3	0.8	0.5	3.5	6.1
Midlands and East	16.4	12.6	5.9	41.0	75.9	277.8	214.3	100.5	695.5	1288.1	1.5	1.1	0.5	3.7	6.8
North	19.5	13.6	6.0	44.1	83.2	308.4	215.5	95.1	698.6	1317.6	1.6	1.1	0.5	3.5	6.6
South	16.9	13.1	6.9	40.2	77.0	235.3	182.3	95.7	559.2	1072.5	1.5	1.2	0.6	3.6	7.0

Notes:
Expenditure data included within this workbook are taken from the 2013-14 CCG programme budgeting returns. Programme budgeting returns represent a subset of overall NHS expenditure data. Calculating programme budgeting data is complex and not all healthcare activity or services can be classified directly to a programme budgeting category or care setting. When it is not possible to reasonably estimate a programme budgeting category, expenditure is classified as 'Other'. The allocation of expenditure to programme budgeting subcategories is not always straightforward, and subcategory level data should therefore be used with caution. Estimates of expenditure are calculated using price paid for specific activities and services purchased from healthcare providers. CCGs follow standard guidance, procedures and mappings when calculating programme budgeting data. CCGs were allocated to commissioning regions following details at <http://www.england.nhs.uk/about/regional-area-teams/> (accessed June 2015)

Source:
NHS England - Analytical services - Programme Budgeting Team (2015) 2013/14 Programme Budgeting Benchmarking Tool. <https://www.england.nhs.uk/resources/resources-for-ccgs/prog-budgeting/> (accessed May 2015).

Table 4.4 NHS expenditure on CVD by Health Board, Wales 2014/15

HSC Trust Name	Expenditure per head / £					Total expenditure (£ millions)				
	CHD	Stroke	Rhythm	Other CVD	Total CVD	CHD	Stroke	Rhythm	Other CVD	Total CVD
Abertawe Bro Morgannwg UHB	36.5	29.9	9.2	68.6	144.1	19.1	15.6	4.8	35.9	75.4
Aneurin Bevan LHB	36.6	19.4	10.9	72.6	139.6	21.3	11.3	6.3	42.1	81
Betsi Cadwaladr UHB	40.5	30.4	10.0	76.3	157.2	28.1	21.1	6.9	53	109.1
Cardiff & Vale UHB	28.7	21.0	7.7	49.7	107.1	13.8	10.1	3.7	24	51.6
Cwm Taf LHB	40.8	30.1	14.0	67.5	152.4	12	8.9	4.2	20	45.1
Hywel Dda LHB	38.2	26.4	13.5	71.2	149.2	14.7	10.1	5.2	27.3	57.3
Powys Teaching LHB	42.0	50.4	10.1	93.9	196.3	5.6	6.7	1.3	12.5	26.1
Wales	37.1	27.1	10.5	69.4	144.1	114.6	83.8	32.4	214.8	445.6

Notes:

Approx. 14% of LHB costs in Wales (including the GMS contract in full) are NOT allocated to programme due to a lack of relevant activity information. Thus, figures shown could be significantly below the full LHB spend on CVD.

The 'Other CVD' programme may include costs which actually relate to CHD, Stroke, and Rhythm where information available identifies spend as related to CVD generally but is not sufficiently detailed to allocate to sub-programme.

Programme costs may include an element of cost apportioned to CVD, rather than allocated by detailed activity information.

Some services are commissioned on a 'host' authority basis and have not been recharged to HB area.

Programme budget categories are defined by reference to ICD 10 codes.

To calculate expenditure per head of population, the ONS revised mid-year population 2015 estimates were used.

Source: Financial Information Strategy, Public Health Wales (2016) Personal communication.

Table 4.5 NHS expenditure on CVD by Health and Social Care Trust, Northern Ireland 2014/15

HSCT Name	Expenditure per head of population /£				CVD expenditure (£ million)			
	CHD	Stroke	Other CVD	Total CVD	CHD	Stroke	Other CVD	Total CVD
Belfast	35.3	4.5	50.9	90.7	65.0	8.3	93.7	167.0
Northern	12.4	2.1	19.5	34.1	22.9	3.9	35.9	62.7
Southern	11.7	2.0	17.4	31.1	21.5	3.8	32.0	57.2
South Eastern	13.4	1.7	20.6	35.7	24.7	3.1	37.9	65.7
Western	11.9	1.9	18.2	32.0	21.9	3.5	33.5	58.9
Northern Ireland	84.8	12.3	126.6	223.6	156.0	22.6	233.0	411.5

Notes:

A consultant episode refers to a complete period of care under one consultant. It may be finished through death, discharge or transfer to another hospital or consultant.

Cardiovascular Disease has been defined using any International Classification of Disease (ICD-10) code beginning with the letter 'I'. Codes were searched for in any of 16 diagnosis fields.

Coronary Heart Disease has been defined using ICD-10 codes I20 - I25, searched for in any of 16 diagnosis fields.

Stroke has been defined using ICD-10 codes I60 - I64, searched for in any of 16 diagnosis fields.

To calculate expenditure per head of population, the ONS revised mid-year population 2014 estimates were used.

Source: Hospital Inpatient System, Northern Ireland Reference Costs 2014/15.

Table 4.6 NHS expenditure on CVD by care setting and condition, Scotland 2011/12

	Expenditure per head of population / £							Gross Expenditure (£ million)							Total costs	
	Hospital Sector				Family Health Services			Hospital Sector				Family Health Services				
	Acute Services	Geriatric Long Stay	A&E and outpatient services	Total Hospital Sector	Pharmaceutical Services	General Medical Services	Total Family Health Services	Acute Services	Geriatric Long Stay	A&E and outpatient services	Total Hospital Sector	Pharmaceutical Services	General Medical Services	Total Family Health Services		
Coronary heart disease	22.82	0.55	1.62	25.00	18.41	1.64	20.05	45.05	120.9	2.9	8.6	132.5	97.6	8.7	106.3	238.8
Stroke	17.63	3.43	0.89	21.95	0.65	1.27	1.91	23.87	93.5	18.2	4.7	116.3	3.4	6.7	10.1	126.5
Rhythm	7.71	0.12	0.71	8.55	0.29	1.30	1.59	10.14	40.9	0.6	3.8	45.3	1.5	6.9	8.4	53.7
Other CVD	33.02	1.36	6.25	40.63	15.46	15.16	30.62	71.25	175.0	7.2	33.1	215.3	81.9	80.4	162.3	377.6
Total CVD	81.19	5.46	9.47	96.12	34.80	19.38	54.18	150.30	430.3	28.9	50.2	509.4	184.5	102.7	287.2	796.6

Notes:
Expenditure data included within this workbook are taken from the 2011/12 programme budgeting returns. Programme budgeting returns represent a subset of overall NHS expenditure. Programme budgeting in Scotland involves collating and presenting NHS expenditure on the basis of programmes of care rather than on the basis of inputs or accounting conventions. The 2011/12 Scottish Health Service Costs Book was used as the primary data source, with much of the programme budgeting category distribution based on analysis conducted using nationally available datasets. Scotland does not currently collect programme level cost information from NHS Boards. The principal cost data collection is the Scottish Health Service Costs Book which reports expenditure on the basis of specialty or service (e.g. Family Health Services (FHS)). To calculate expenditure per head of population, the ONS revised mid-year population 2011 estimates were used.

Source:
Population Health, Analytical Services, Health Finance, eHealth and Analytics; Scottish Government

4.7 Economic Costs of CVD

As well as human costs, cardiovascular disease (CVD), coronary heart disease (CHD) from non-health care related costs, such as productivity losses from death and illness in those of working age and from the informal care of people with the disease. and stroke have major economic consequences for the United Kingdom. These economic consequences come not just through the costs to treating those suffering from CVD but also from non-health care related costs, such as productivity losses from death and illness in those of working age and from the informal care of people with the disease. According to cost estimates by members of the Health Economics Research Centre from the Nuffield Department of Population Health, University of Oxford and included in the European Cardiovascular Disease Statistics 2017 report published by the European Heart Network, Brussels, overall CVD was estimated to cost the UK economy €26 billion in 2015. Of the total cost of CVD in the UK, €12 billion (46%) came from direct health care costs. Productivity losses due to mortality accounted for 23% of the total cost of CVD with productivity loss due to morbidity making up 10%. The informal care costs contributed around €5.5 billion, slightly less than mortality costs. Of these €26 billion of CVD costs, €9 billion were due to CHD and €5.9 to stroke. Despite these higher total costs from CHD, health care costs were greater for stroke (€2.65 billion) than for CHD (€2.17 billion) whilst productivity losses due to mortality and morbidity were much higher for CHD.

Costs of cardiovascular disease, coronary heart disease and stroke, UK, 2015 (€ thousands)

	Primary care	Outpatient care	A&E	Inpatient care	Medications	Total health care	per capita
CVD	1,638,492	1,073,695	398,661	6,505,414	2,732,144	12,348,406	190
CHD	149,694	299,002	102,413	1,236,089	379,036	2,166,234	33
Stroke	51,448	299,002	68,554	2,091,942	141,429	2,652,375	41

Source:
European Cardiovascular Disease Statistics 2017; European Heart Network (EHN)
www.ehnheart.org/cvd-statistics/cvd-statistics-2017.html

Non-health care costs - CVD, CHD and Stroke, UK, 2015 (€ thousands)

	Production losses due to mortality €	Production losses due to morbidity €	Informal care €
CVD	6,203,014	2,548,365	5,566,934
CHD	3,364,345	958,817	2,566,012
Stroke	1,040,896	331,719	1,945,108