

Mortality Indicators - September 2018

Population based measures				
Ref No.	Measure	Source	Reporting Level	Link
1	Life expectancy at birth	ONS	Unitary Authority	Click Here
2	Age Standardised Mortality Rates (ASMR):registered deaths per 100,000 of resident population	ONS	Unitary Authority	Click Here
3	Avoidable Mortality: age standardised deaths per 100,000 of resident population for amenable and preventable conditions	ONS	Public Health Wales/ONS	Click Here
4	Excess Winter Mortality Index (EWMI)	ONS	Unitary Authority	Click Here
5	Perinatal Mortality: Registered deaths per 1,000 of still / live births	ONS	LHB	Click Here
Hospital Based Measures				
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10	Deaths in hospital within 30 days of emergency admission for hip fracture for patients aged 65 and over	CHKS	LHB	Click Here
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12	Deaths in hospital within 30 days of emergency admission for a stroke	CHKS	LHB	Click Here
14	Rates of deaths in hospital within 30 days of Elective Surgery	CHKS	LHB	Click Here
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16	Accident & Emergency crude mortality rate	EDDS	DGH	Click Here
Contextual Measures				
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20	Proportion of deaths in hospital as a % of total registered deaths	ONS	LHB	Click Here
21	Deprivation: % of LSOA's in most deprived 20%	StatsWales	Unitary Authority	Click Here

Mortality Indicator Ref No 1: Life Expectancy at Birth

Males

UA Area	2001-03	2002-04	2003-05	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14	2013-15	2014-16
Isle of Anglesey	76.3	76.7	77.1	77.1	76.9	77.0	76.9	77.3	78.0	78.5	78.6	78.6	78.8	78.8
Gwynedd	76.9	76.8	76.9	76.8	77.1	77.4	77.4	77.6	78.2	78.7	79.5	79.8	79.6	79.2
Conwy	75.7	75.8	76.3	76.5	76.9	77.0	77.2	77.9	78.1	78.8	78.9	79.0	78.9	78.8
Denbighshire	76.2	76.4	76.3	76.5	77.0	77.3	77.5	77.6	78.1	78.3	78.2	77.8	78.0	77.5
Flintshire	76.3	76.1	76.3	76.6	77.3	77.5	78.0	78.2	78.8	78.9	79.0	78.9	79.0	79.2
Wrexham	75.5	75.8	76.2	76.8	77.1	77.1	77.3	77.5	78.1	78.2	78.5	78.4	78.4	78.6
Powys	77.0	77.3	77.7	78.1	78.4	79.0	79.1	79.4	79.4	79.8	80.2	80.5	80.3	79.9
Ceredigion	78.5	77.5	77.3	78.2	79.1	79.9	79.6	79.8	79.6	79.7	79.6	80.3	79.9	80.0
Pembrokeshire	75.1	75.9	75.9	76.5	76.7	77.2	77.5	78.1	78.7	79.3	79.2	79.6	79.2	79.3
Carmarthenshire	74.9	75.4	75.6	75.8	76.2	76.5	77.3	77.6	78.2	78.4	78.5	78.8	78.6	78.6
Swansea	75.3	75.7	75.7	76.3	76.3	76.9	76.7	77.1	77.0	77.5	77.5	77.9	78.0	77.8
Neath Port Talbot	74.2	74.5	75.2	76.0	76.3	76.2	76.1	76.4	76.5	76.6	76.5	77.2	77.4	77.5
Bridgend	75.5	75.5	75.6	76.0	75.8	76.0	76.3	76.8	76.8	76.9	77.0	77.2	77.2	77.5
The Vale of Glamorgan	76.0	76.0	76.9	77.7	77.7	77.7	78.0	78.7	79.3	79.5	79.7	79.5	79.1	78.8
Cardiff	75.5	75.8	76.2	76.5	76.4	76.5	76.9	77.6	78.0	78.1	78.1	78.2	78.3	78.4
Rhondda, Cynon, Taff	74.2	74.8	75.1	75.6	74.9	75.3	75.3	76.0	75.8	76.3	76.5	76.9	76.9	77.2
Merthyr Tydfil	73.5	73.9	74.4	75.4	75.5	74.9	74.8	75.6	76.3	77.4	76.8	77.1	76.6	76.9
Caerphilly	74.6	74.8	75.3	75.6	75.8	75.6	76.2	76.8	77.4	77.5	77.6	77.9	77.8	77.9
Blaenau Gwent	73.6	73.9	74.2	74.7	75.2	75.2	75.6	75.8	75.9	75.7	75.5	76.2	76.5	76.6
Torfaen	75.4	75.8	76.2	77.2	77.0	76.8	76.5	77.2	77.6	77.5	77.6	77.9	78.2	78.0
Monmouthshire	77.0	78.0	78.4	78.7	78.7	78.7	79.5	80.3	80.3	80.0	79.8	80.6	80.7	80.8
Newport	74.7	75.2	75.9	76.6	77.0	76.9	76.7	76.8	77.6	77.8	77.9	78.1	78.1	78.2
Wales	75.5	75.8	76.1	76.6	76.7	76.9	77.1	77.5	77.8	78.1	78.2	78.4	78.4	78.4

Females

UA Area	2001-03	2002-04	2003-05	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14	2013-15	2014-16
Isle of Anglesey	80.7	81.3	81.4	82.2	82.2	82.7	82.1	81.9	82.2	82.9	83.0	82.9	82.6	82.6
Gwynedd	80.9	80.8	81.0	81.6	82.0	82.0	82.1	82.1	83.0	82.9	83.6	83.3	83.7	83.6
Conwy	80.6	80.9	81.2	81.5	81.4	81.5	81.7	81.8	82.2	82.5	82.8	82.7	82.5	82.9
Denbighshire	79.8	80.3	80.1	80.6	80.8	81.1	80.5	80.4	80.9	81.2	81.2	81.4	81.8	82.0
Flintshire	80.2	80.9	80.7	81.1	81.3	81.6	81.8	81.9	82.3	82.3	82.3	82.5	82.4	82.6
Wrexham	79.7	79.9	80.1	80.4	80.5	80.7	80.8	81.1	81.6	81.9	82.0	81.8	81.6	81.6
Powys	80.9	81.0	81.3	81.7	82.1	82.6	83.0	83.1	83.3	83.4	83.5	83.6	83.5	84.1
Ceredigion	81.6	81.4	81.9	82.6	83.6	83.6	83.5	83.2	83.3	83.7	83.8	83.9	83.7	84.0
Pembrokeshire	80.2	80.3	81.0	81.5	81.7	81.8	82.2	82.2	82.5	82.4	82.7	83.1	83.2	83.5
Carmarthenshire	80.0	80.2	80.7	81.1	81.3	81.2	81.2	81.6	82.1	82.5	82.5	82.5	82.3	82.2
Swansea	80.1	80.5	80.8	81.0	80.9	81.0	81.5	82.0	82.2	82.1	82.0	82.4	82.5	82.2
Neath Port Talbot	79.8	80.1	80.4	80.2	80.6	80.3	80.6	80.8	80.9	81.2	81.0	81.2	81.1	81.1
Bridgend	79.5	79.7	80.0	80.2	80.1	80.1	81.0	81.3	81.2	80.6	81.0	81.7	81.8	81.8
The Vale of Glamorgan	81.0	81.0	80.8	81.2	81.7	82.3	82.5	82.6	83.1	83.1	83.2	83.2	83.2	83.5
Cardiff	80.2	80.4	80.7	81.2	81.4	81.5	81.6	81.7	82.1	82.4	82.8	82.8	82.6	82.7
Rhondda, Cynon, Taff	79.0	79.2	79.4	79.9	79.8	79.8	79.8	80.2	80.7	80.9	80.8	80.9	80.6	80.9
Merthyr Tydfil	78.4	78.2	78.6	79.1	79.4	79.5	79.3	80.2	80.7	81.0	80.8	80.5	80.6	80.6
Caerphilly	79.4	79.4	79.3	79.8	80.2	80.7	80.9	81.2	81.6	81.4	81.5	81.4	81.2	81.3
Blaenau Gwent	78.4	78.4	78.4	78.6	78.5	78.6	78.9	79.5	79.8	79.9	80.1	80.4	80.6	80.6
Torfaen	80.0	80.5	80.9	81.1	80.8	80.7	80.7	81.4	82.2	82.1	81.7	81.6	82.0	82.4
Monmouthshire	81.3	81.2	82.5	83.1	83.5	83.2	83.2	83.6	83.7	84.0	83.9	84.1	84.1	83.9
Newport	80.4	80.6	80.3	80.4	80.4	80.9	81.3	81.8	82.0	82.0	82.2	82.3	82.3	81.9
Wales	80.1	80.3	80.5	80.9	81.1	81.2	81.4	81.6	82.0	82.1	82.2	82.3	82.3	82.3

Source: Office for National Statistics

<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/healthandlifeexpectancies/datasets/lifeexpectancyatbirthandage65bylocalareasuk>

Next Update: November 2018

Figures are based on the number of deaths registered and mid-year population estimates, aggregated over 3 consecutive years

Mortality Indicator Ref No 2: Age Standardised Mortality Rates (ASMR)

Table 1a: Deaths (numbers and rates) by area of usual residence (administrative areas), 2016 registrations

Area of usual residence	Population Number (thousands) All ages			Crude death rate (deaths per 1,000 population)	Age-standardised mortality rate ¹		
	Persons	Males	Females		Persons	Males	Females
WALES	3,113.2	1,534.0	1,579.1	10.6	1045.7	1227.3	898.8
Isle of Anglesey	69.7	34.3	35.4	11.8	974.0	1131.6	841.8
Gwynedd	123.6	61.3	62.4	10.7	937.8	1122.3	778.1
Conwy	116.5	56.7	59.8	12.6	906.0	1084.2	757.3
Denbighshire	94.8	46.7	48.1	13.3	1199.6	1367.1	1029.6
Flintshire	154.4	76.1	78.3	9.8	1012.4	1154.2	894.8
Wrexham	136.7	68.3	68.4	10.4	1114.0	1187.8	1038.5
Powys	132.2	65.4	66.8	11.8	903.2	1098.2	745.5
Ceredigion	74.1	37.2	37.0	10.5	891.6	1023.9	761.0
Pembrokeshire	124.0	60.9	63.1	11.6	941.2	1096.6	800.9
Carmarthenshire	185.6	90.8	94.8	12.2	1083.3	1287.5	921.6
Swansea	244.5	122.3	122.2	11.0	1107.9	1294.7	955.7
Neath Port Talbot	141.6	69.6	72.0	11.9	1185.7	1433.8	1027.6
Bridgend	143.2	70.9	72.2	10.8	1122.3	1327.2	974.6
Vale of Glamorgan	128.5	62.5	66.0	10.1	978.4	1228.8	802.6
Cardiff	361.5	178.1	183.3	7.8	1025.4	1246.4	852.2
Rhondda, Cynon, Taff	238.3	116.9	121.4	10.4	1143.3	1311.0	1005.7
Merthyr Tydfil	59.8	29.4	30.4	10.7	1187.3	1356.4	1055.2
Caerphilly	180.5	88.4	92.1	10.0	1117.8	1282.0	986.0
Blaenau Gwent	69.6	34.3	35.3	11.7	1234.8	1532.3	1036.1
Torfaen	92.1	44.8	47.2	10.7	1060.5	1245.3	907.7
Monmouthshire	92.8	45.8	47.1	10.6	872.6	1035.2	746.7
Newport	149.1	73.3	75.8	9.9	1118.7	1316.1	968.4

¹ The age-standardised mortality rates for 2016 are standardised to the 2013 European Standard Population, expressed per 100,000 population. Age-standardised rates are used to allow comparison between populations which may contain different proportions of people of different ages. ASMRs are based on mid-2016 population estimates.

Source: Office for National Statistics

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/deathsregisteredbyareaofusualresidenceenglandandwales>

Next Update: Nov to Dec 2018 provisional

Causes of deaths considered avoidable, amenable & preventable, European age-standardised rate (EASR) per 100,000, persons, Wales, 2014-2016

Health Board Area	Year	Avoidable			Amenable			Preventable		
		Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)
Betsi Cadwaladr University Health Board	2014	1,798	244	(233 to 256)	948	128	(120 to 136)	1,491	202	(192 to 213)
	2015	1,833	246	(234 to 257)	1,003	133	(125 to 142)	1,530	205	(195 to 216)
	2016	1,929	254	(243 to 266)	1,034	135	(127 to 144)	1,626	214	(204 to 225)
Hywel Dda University Health Board	2014	865	205	(191 to 219)	476	112	(102 to 123)	765	181	(168 to 194)
	2015	1,027	243	(228 to 259)	588	137	(126 to 148)	874	207	(194 to 222)
	2016	1,011	236	(221 to 251)	527	120	(110 to 131)	861	201	(188 to 215)
Abertawe Bro Morgannwg University Health Board	2014	1,323	256	(243 to 271)	734	142	(132 to 153)	1,109	215	(202 to 228)
	2015	1,432	275	(261 to 290)	774	148	(138 to 159)	1,211	233	(220 to 246)
	2016	1,448	275	(261 to 290)	756	143	(133 to 154)	1,233	235	(222 to 248)
Cwm Taf University Health Board	2014	846	298	(278 to 318)	429	150	(136 to 165)	705	249	(231 to 268)
	2015	849	295	(276 to 316)	495	171	(156 to 187)	680	237	(219 to 256)
	2016	868	301	(281 to 321)	485	166	(152 to 182)	714	248	(230 to 267)
Aneurin Bevan University Health Board	2014	1,343	234	(222 to 247)	755	132	(122 to 141)	1,095	191	(180 to 203)
	2015	1,540	267	(254 to 281)	860	148	(138 to 158)	1,276	222	(210 to 234)
	2016	1,598	272	(259 to 286)	914	155	(145 to 165)	1,315	224	(212 to 237)
Cardiff and Vale University Health Board	2014	937	236	(221 to 251)	473	120	(110 to 132)	785	197	(183 to 212)
	2015	971	238	(223 to 254)	517	129	(118 to 140)	809	199	(185 to 213)
	2016	962	232	(218 to 248)	526	129	(118 to 141)	757	182	(170 to 196)
Wales	2014	7,425	240	(235 to 246)	3,996	129	(125 to 133)	6,205	201	(196 to 206)
	2015	7,979	256	(250 to 261)	4,409	141	(136 to 145)	6,655	213	(208 to 219)
	2016	8,132	257	(251 to 262)	4,403	138	(134 to 142)	6,780	214	(209 to 219)

Produced by Public Health Wales Observatory, using PHM and MYE (ONS)

More information on avoidable, amenable & preventable mortality in England & Wales can be seen here:

<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/causesofdeath/bulletins/avoidablemortalityinenglandandwales/2015>

Mortality Indicator Ref No 4: Excess Winter Mortality Index (EWMI)

Area Name	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Wales	18.8	15.8	14.1	14.3	25.4	17.5	20.4	12.8	18.1	10.3	25.1	17.4
Isle of Anglesey	20.3	17.2	14.3	:	31.1	28.0	34.9	:	13.1	17.2	28.5	8.8
Gwynedd	9.2	14.4	11.9	16.1	25.5	14.3	11.2	23.8	23.7	5.7	35.1	17.9
Conwy	8.5	25.8	10.7	10.7	27.3	23.7	15.1	4.6	15.5	3.3	20.9	28.3
Denbighshire	22.5	14.7	13.1	33.3	19.7	18.5	19.4	16.0	13.2	22.3	17.7	21.2
Flintshire	21.5	5.8	8.3	22.6	33.0	25.3	21.4	16.4	28.0	14.6	25.0	15.9
Wrexham	30.9	15.4	28.4	19.0	23.6	16.9	33.5	12.2	27.5	19.0	27.9	11.6
Powys	27.1	12.8	6.4	8.0	34.1	14.9	11.4	14.8	19.8	9.2	19.9	6.5
Ceredigion	:	38.9	17.9	9.3	41.3	14.3	20.1	:	19.2	6.7	13.8	20.9
Pembrokeshire	22.4	15.8	8.8	26.3	28.5	19.2	20.2	6.0	25.7	3.7	32.6	15.4
Carmarthenshire	15.4	13.7	14.2	13.1	22.6	16.0	20.8	4.5	14.5	9.0	24.8	16.0
Swansea	31.4	15.0	20.7	8.9	25.4	21.9	14.6	12.5	15.1	13.4	28.2	19.2
Neath Port Talbot	9.4	8.5	18.3	:	27.7	23.4	33.1	8.3	18.9	1.7	21.9	24.4
Bridgend	7.9	19.4	:	15.8	22.2	21.1	36.4	24.5	11.9	14.5	34.0	16.0
The Vale of Glamorgan	22.9	11.3	15.3	13.0	30.7	14.9	7.6	16.4	17.4	3.3	31.1	23.5
Cardiff	12.9	13.8	12.3	9.9	22.2	16.1	25.0	19.1	14.9	8.6	18.5	18.9
Rhondda Cynon Taf	25.4	18.3	22.5	21.0	27.5	11.2	11.8	9.9	17.4	4.7	20.8	16.1
Merthyr Tydfil	25.8	12.5	21.6	8.2	:	:	15.1	19.6	33.2	3.0	24.3	15.7
Caerphilly	28.1	20.5	16.8	23.5	22.5	23.4	29.0	12.3	15.9	21.1	27.7	24.1
Blaenau Gwent	10.0	18.6	27.7	34.3	16.3	18.2	21.8	11.9	10.9	25.4	11.5	11.2
Torfaen	18.2	6.0	6.8	16.1	30.7	18.9	21.6	16.3	20.0	:	39.9	15.3
Monmouthshire	10.3	17.4	8.1	24.5	21.1	20.1	18.7	9.6	33.3	16.4	24.6	8.2
Newport	20.1	22.3	8.6	:	23.0	2.7	15.4	31.4	9.6	12.6	28.4	18.1

Source: Office for National Statistics

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.

Provisional 2016-17 Unitary Authority data not available from ONS

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/excesswintermortalityinenglandandwales/2016to2017provisionaland2015to2016final>

Next Update: November 2018

Method for calculating excess winter mortality

Excess deaths

The ONS standard method defines the winter period as December to March, and compares the number of deaths that occurred in this winter period with the average number of deaths occurring in the preceding August to November and the following April to July:

EWM = winter deaths – average non-winter deaths

This produces the number of excess winter deaths, which is then rounded to the nearest 10 for final data and to the nearest 100 for provisional data.

Excess winter mortality index

The EWM index is calculated so that comparisons can be made between sexes, age groups and regions and is calculated as the number of excess winter deaths divided by the average non-winter deaths:

EWM Index = (EWM / average non-winter deaths) x 100

Mortality Indicator Ref No 5: Perinatal mortality deaths per 1,000 of still/live births

Live births, stillbirths and infant mortality statistics 2017 (18 July 2018 update)

Area of usual residence	Numbers						Mortality Rates ¹			
	Births		Deaths				Perinatal	Neonatal	Post-natal	Infant
	Live births	Stillbirths	Perinatal	Neonatal	Post-natal	Infant				
WALES	32,176	153	211	80	31	111	6.5	2.5	1.1	3.4
Betsi Cadwaladr University	6,994	19	36	23	8	31	5.1	3.3	1.1 <i>u</i>	4.4
Powys Teaching	1,133	11	12	1	1	2	10.5 <i>u</i>	<i>u</i>	<i>u</i>	<i>u</i>
Hywel Dda	3,496	18	24	6	3	9	6.8	1.7 <i>u</i>	0.9 <i>u</i>	2.6 <i>u</i>
Abertawe Bro Morgannwg University	5,310	24	36	16	2	18	6.7	3.0 <i>u</i>	<i>u</i>	3.4 <i>u</i>
Cwm Taf	3,321	21	27	9	4	13	8.1	2.7 <i>u</i>	1.2 <i>u</i>	3.9 <i>u</i>
Aneurin Bevan	6,415	29	35	8	9	17	5.4	1.2 <i>u</i>	1.4 <i>u</i>	2.7 <i>u</i>
Cardiff and Vale University	5,507	31	41	17	4	21	7.4	3.1 <i>u</i>	0.7 <i>u</i>	3.8

Note: Rates were not calculated where there were fewer than 3 deaths in a cell, denoted by (*u*). It is ONS practice not to calculate rates where there are fewer than 3 deaths in a cell, as rates based on such low numbers are susceptible to inaccurate interpretation. Rates which are based on between 3 and 19 deaths are displayed in tables but are denoted by (*u*) as a warning to the user that their reliability as a measure may be affected by the small number of events

1 Perinatal deaths per 1,000 live births and stillbirths. Neonatal, postneonatal and infant deaths per 1,000 live births.

Source: Office for National Statistics

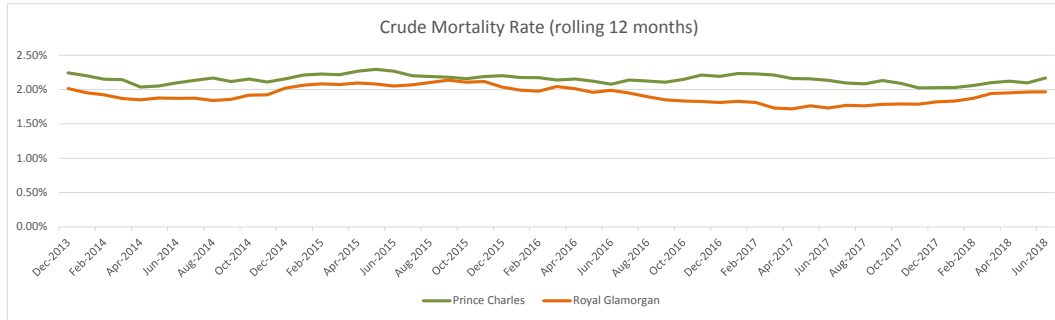
<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/deathregistrationssummarytablesenglandandwalesreferencetables>

Next Update: July - August 2019 Provisional

Mortality Indicator Ref No 9 : Crude In-hospital Mortality Rate

Rolling Annual Period	Prince Charles	Royal Glamorgan
	%	%
Dec-2013	2.24%	2.01%
Jan-2014	2.20%	1.95%
Feb-2014	2.15%	1.92%
Mar-2014	2.14%	1.87%
Apr-2014	2.04%	1.85%
May-2014	2.05%	1.88%
Jun-2014	2.10%	1.87%
Jul-2014	2.14%	1.87%
Aug-2014	2.17%	1.84%
Sep-2014	2.12%	1.86%
Oct-2014	2.15%	1.92%
Nov-2014	2.11%	1.92%
Dec-2014	2.16%	2.02%
Jan-2015	2.21%	2.06%
Feb-2015	2.23%	2.08%
Mar-2015	2.22%	2.07%
Apr-2015	2.27%	2.09%
May-2015	2.29%	2.08%
Jun-2015	2.27%	2.05%
Jul-2015	2.20%	2.07%
Aug-2015	2.19%	2.10%
Sep-2015	2.18%	2.14%
Oct-2015	2.16%	2.11%
Nov-2015	2.19%	2.12%
Dec-2015	2.20%	2.04%
Jan-2016	2.18%	1.99%
Feb-2016	2.17%	1.98%
Mar-2016	2.14%	2.04%
Apr-2016	2.15%	2.01%
May-2016	2.12%	1.96%
Jun-2016	2.08%	1.99%
Jul-2016	2.14%	1.95%
Aug-2016	2.12%	1.90%
Sep-2016	2.11%	1.85%
Oct-2016	2.15%	1.83%
Nov-2016	2.21%	1.83%
Dec-2016	2.19%	1.81%
Jan-2017	2.23%	1.83%
Feb-2017	2.23%	1.81%
Mar-2017	2.21%	1.73%
Apr-2017	2.16%	1.72%
May-2017	2.15%	1.76%
Jun-2017	2.13%	1.73%
Jul-2017	2.10%	1.77%
Aug-2017	2.08%	1.76%
Sep-2017	2.13%	1.78%
Oct-2017	2.09%	1.79%
Nov-2017	2.02%	1.79%
Dec-2017	2.03%	1.82%
Jan-2018	2.03%	1.83%
Feb-2018	2.06%	1.87%
Mar-2018	2.10%	1.94%
Apr-2018	2.12%	1.95%
May-2018	2.10%	1.97%
Jun-2018	2.17%	1.97%

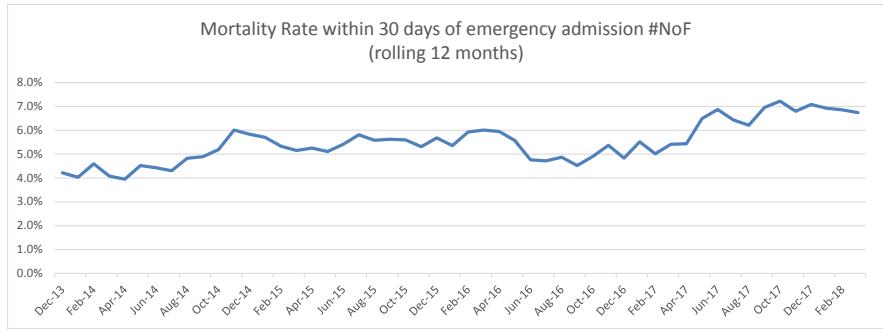
Source: CHKS (Cwm Taf)
Run Date: 4 September 2018



Mortality Indicator Ref No 10 : Rate of deaths in hospital within 30 days of emergency admission with a hip fracture (NoF) aged >64

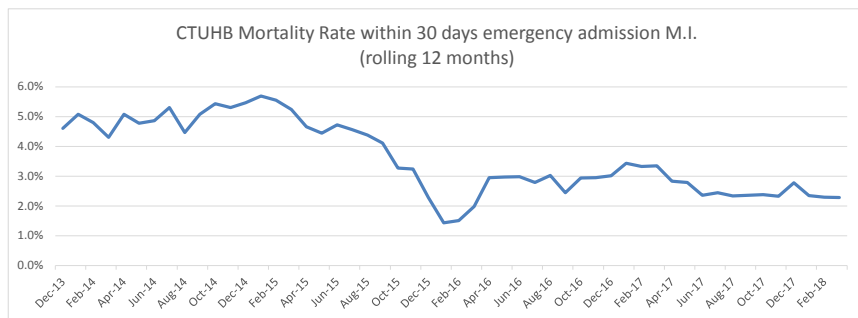
Rolling 12 Month Period	Cwm Taf
Dec-13	4.2%
Jan-14	4.0%
Feb-14	4.6%
Mar-14	4.1%
Apr-14	3.9%
May-14	4.5%
Jun-14	4.4%
Jul-14	4.3%
Aug-14	4.8%
Sep-14	4.9%
Oct-14	5.2%
Nov-14	6.0%
Dec-14	5.8%
Jan-15	5.7%
Feb-15	5.3%
Mar-15	5.2%
Apr-15	5.3%
May-15	5.1%
Jun-15	5.4%
Jul-15	5.8%
Aug-15	5.6%
Sep-15	5.6%
Oct-15	5.6%
Nov-15	5.3%
Dec-15	5.7%
Jan-16	5.4%
Feb-16	5.9%
Mar-16	6.0%
Apr-16	6.0%
May-16	5.6%
Jun-16	4.8%
Jul-16	4.7%
Aug-16	4.9%
Sep-16	4.5%
Oct-16	4.9%
Nov-16	5.4%
Dec-16	4.8%
Jan-17	5.5%
Feb-17	5.0%
Mar-17	5.4%
Apr-17	5.4%
May-17	6.5%
Jun-17	6.9%
Jul-17	6.4%
Aug-17	6.2%
Sep-17	7.0%
Oct-17	7.2%
Nov-17	6.8%
Dec-17	7.1%
Jan-18	6.9%
Feb-18	6.9%
Mar-18	6.7%

Source: CHKS 3 September 2018



Mortality Indicator Ref No 11 : Rate of deaths in hospital within 30 days of emergency admission with a heart attack (MI) aged 35 to 74	
Rolling 12 Month Period	Cwm Taf
Dec-13	4.6%
Jan-14	5.1%
Feb-14	4.8%
Mar-14	4.3%
Apr-14	5.1%
May-14	4.8%
Jun-14	4.9%
Jul-14	5.3%
Aug-14	4.5%
Sep-14	5.1%
Oct-14	5.4%
Nov-14	5.3%
Dec-14	5.5%
Jan-15	5.7%
Feb-15	5.6%
Mar-15	5.2%
Apr-15	4.7%
May-15	4.4%
Jun-15	4.7%
Jul-15	4.6%
Aug-15	4.4%
Sep-15	4.1%
Oct-15	3.3%
Nov-15	3.2%
Dec-15	2.3%
Jan-16	1.4%
Feb-16	1.5%
Mar-16	2.0%
Apr-16	3.0%
May-16	3.0%
Jun-16	3.0%
Jul-16	2.8%
Aug-16	3.0%
Sep-16	2.5%
Oct-16	2.9%
Nov-16	3.0%
Dec-16	3.0%
Jan-17	3.4%
Feb-17	3.3%
Mar-17	3.3%
Apr-17	2.8%
May-17	2.8%
Jun-17	2.4%
Jul-17	2.5%
Aug-17	2.3%
Sep-17	2.4%
Oct-17	2.4%
Nov-17	2.3%
Dec-17	2.8%
Jan-18	2.3%
Feb-18	2.3%
Mar-18	2.3%

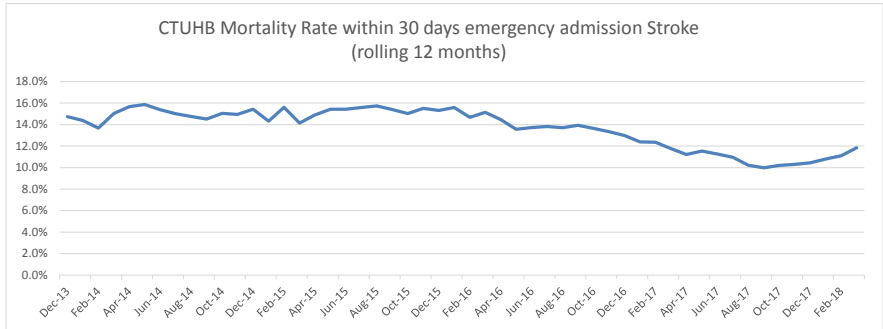
Source: CHKS 3 September 2018



Mortality Indicator Ref No 12 : Rate of deaths in hospital within 30 days of emergency admission for a stroke

Rolling 12 Month Period	Cwm Taf
Dec-13	14.7%
Jan-14	14.4%
Feb-14	13.7%
Mar-14	15.0%
Apr-14	15.7%
May-14	15.9%
Jun-14	15.4%
Jul-14	15.0%
Aug-14	14.8%
Sep-14	14.5%
Oct-14	15.0%
Nov-14	14.9%
Dec-14	15.4%
Jan-15	14.3%
Feb-15	15.6%
Mar-15	14.1%
Apr-15	14.9%
May-15	15.4%
Jun-15	15.4%
Jul-15	15.6%
Aug-15	15.7%
Sep-15	15.4%
Oct-15	15.0%
Nov-15	15.5%
Dec-15	15.3%
Jan-16	15.6%
Feb-16	14.7%
Mar-16	15.1%
Apr-16	14.5%
May-16	13.6%
Jun-16	13.7%
Jul-16	13.8%
Aug-16	13.7%
Sep-16	13.9%
Oct-16	13.7%
Nov-16	13.3%
Dec-16	13.0%
Jan-17	12.4%
Feb-17	12.4%
Mar-17	11.8%
Apr-17	11.2%
May-17	11.5%
Jun-17	11.3%
Jul-17	11.0%
Aug-17	10.2%
Sep-17	10.0%
Oct-17	10.2%
Nov-17	10.3%
Dec-17	10.4%
Jan-18	10.8%
Feb-18	11.1%
Mar-18	11.8%

Source: CHKS 3 September 2018



Mortality Indicator Ref No 14 : Rate of deaths in hospital within 30 days of elective surgery	
Rolling 12 Month Period	Cwm Taf
Dec-13	0.06%
Jan-14	0.09%
Feb-14	0.07%
Mar-14	0.07%
Apr-14	0.14%
May-14	0.13%
Jun-14	0.12%
Jul-14	0.13%
Aug-14	0.13%
Sep-14	0.13%
Oct-14	0.13%
Nov-14	0.12%
Dec-14	0.12%
Jan-15	0.09%
Feb-15	0.09%
Mar-15	0.12%
Apr-15	0.05%
May-15	0.06%
Jun-15	0.05%
Jul-15	0.04%
Aug-15	0.04%
Sep-15	0.07%
Oct-15	0.08%
Nov-15	0.08%
Dec-15	0.10%
Jan-16	0.10%
Feb-16	0.10%
Mar-16	0.06%
Apr-16	0.09%
May-16	0.09%
Jun-16	0.11%
Jul-16	0.13%
Aug-16	0.13%
Sep-16	0.09%
Oct-16	0.13%
Nov-16	0.18%
Dec-16	0.17%
Jan-17	0.17%
Feb-17	0.19%
Mar-17	0.18%
Apr-17	0.17%
May-17	0.17%
Jun-17	0.15%
Jul-17	0.15%
Aug-17	0.15%
Sep-17	0.17%
Oct-17	0.13%
Nov-17	0.08%
Dec-17	0.06%
Jan-18	0.08%
Feb-18	0.06%
Mar-18	0.06%

Source: CHKS 3 September 2018

please note that CHKS have amended the specification for this measure to exclude daycases and as a consequence the rates have increased from the previous data series

Mortality Indicator Ref No 15 : Rate of deaths in hospital within 30 days of non-elective surgery

Rolling 12 Month Period	Cwm Taf
Dec-13	1.77%
Jan-14	1.68%
Feb-14	1.63%
Mar-14	1.68%
Apr-14	1.70%
May-14	1.67%
Jun-14	1.65%
Jul-14	1.61%
Aug-14	1.55%
Sep-14	1.61%
Oct-14	1.64%
Nov-14	1.65%
Dec-14	1.70%
Jan-15	1.67%
Feb-15	1.63%
Mar-15	1.66%
Apr-15	1.62%
May-15	1.56%
Jun-15	1.61%
Jul-15	1.62%
Aug-15	1.61%
Sep-15	1.61%
Oct-15	1.56%
Nov-15	1.58%
Dec-15	1.53%
Jan-16	1.66%
Feb-16	1.66%
Mar-16	1.68%
Apr-16	1.73%
May-16	1.74%
Jun-16	1.69%
Jul-16	1.73%
Aug-16	1.72%
Sep-16	1.66%
Oct-16	1.65%
Nov-16	1.60%
Dec-16	1.54%
Jan-17	1.38%
Feb-17	1.39%
Mar-17	1.36%
Apr-17	1.28%
May-17	1.33%
Jun-17	1.30%
Jul-17	1.24%
Aug-17	1.20%
Sep-17	1.23%
Oct-17	1.29%
Nov-17	1.25%
Dec-17	1.32%
Jan-18	1.39%
Feb-18	1.38%
Mar-18	1.33%

Source: CHKS 3 September 2018

Accident & Emergency (Major Units) Crude Mortality Rates		
Deaths per 10,000 Attendances		
Rolling Annual Period	Prince Charles	Royal Glamorgan
Apr-2012	32.1	13.1
May-2012	30.7	13.5
Jun-2012	30.0	13.5
Jul-2012	28.9	13.9
Aug-2012	27.8	14.1
Sep-2012	28.0	14.3
Oct-2012	26.2	15.4
Nov-2012	25.2	16.2
Dec-2012	23.1	16.5
Jan-2013	22.0	17.1
Feb-2013	21.0	17.2
Mar-2013	20.7	18.7
Apr-2013	21.5	18.3
May-2013	21.4	17.6
Jun-2013	20.7	17.4
Jul-2013	22.0	16.7
Aug-2013	21.3	17.5
Sep-2013	21.8	18.0
Oct-2013	21.5	17.7
Nov-2013	21.9	17.1
Dec-2013	21.6	18.1
Jan-2014	20.7	18.6
Feb-2014	20.3	18.8
Mar-2014	18.6	17.0
Apr-2014	17.2	16.9
May-2014	17.2	16.9
Jun-2014	17.7	17.3
Jul-2014	17.9	17.8
Aug-2014	20.0	16.7
Sep-2014	20.0	15.4
Oct-2014	20.9	15.7
Nov-2014	20.1	15.4
Dec-2014	21.3	15.5
Jan-2015	22.0	15.4
Feb-2015	22.1	15.0
Mar-2015	23.4	15.7
Apr-2015	24.3	16.1
May-2015	26.1	17.0
Jun-2015	26.3	16.5
Jul-2015	25.0	16.6
Aug-2015	22.9	17.0
Sep-2015	21.8	17.9
Oct-2015	22.2	16.7
Nov-2015	23.3	16.5
Dec-2015	21.5	15.0
Jan-2016	21.0	15.1
Feb-2016	20.8	15.4
Mar-2016	19.4	15.2
Apr-2016	18.9	15.2
May-2016	17.9	14.7
Jun-2016	17.4	14.6
Jul-2016	17.2	14.6
Aug-2016	17.8	14.3
Sep-2016	18.8	13.7
Oct-2016	18.2	14.7
Nov-2016	18.5	15.1
Dec-2016	18.8	14.4
Jan-2017	19.1	14.7
Feb-2017	19.1	13.8
Mar-2017	19.4	13.6
Apr-2017	19.9	13.7
May-2017	20.1	13.8
Jun-2017	20.6	14.1
Jul-2017	22.0	13.5
Aug-2017	21.6	14.1
Sep-2017	21.9	14.2
Oct-2017	22.1	13.8
Nov-2017	20.7	14.2
Dec-2017	21.5	14.9
Jan-2018	22.1	15.3
Feb-2018	23.0	17.1
Mar-2018	23.4	17.5
Apr-2018	23.9	17.0
May-2018	23.4	17.0
Jun-2018	22.4	17.0
Jul-2018	21.4	16.9

Source: EDDS Data Mart
Run Date: 17 Aug 2018

**Mortality Indicator Ref No 17 : %
Clinical Coding Completeness**

Rolling Annual Period	Cwm Taf
	%
Apr-2014	99.89%
May-2014	99.96%
Jun-2014	99.64%
Jul-2014	99.61%
Aug-2014	99.52%
Sep-2014	99.49%
Oct-2014	99.75%
Nov-2014	99.66%
Dec-2014	99.35%
Jan-2015	99.18%
Feb-2015	98.87%
Mar-2015	97.94%
Apr-2015	99.88%
May-2015	99.77%
Jun-2015	99.61%
Jul-2015	99.43%
Aug-2015	99.34%
Sep-2015	98.97%
Oct-2015	98.69%
Nov-2015	98.83%
Dec-2015	98.28%
Jan-2016	99.57%
Feb-2016	98.94%
Mar-2016	98.19%
Apr-2016	99.86%
May-2016	99.47%
Jun-2016	98.36%
Jul-2016	97.65%
Aug-2016	98.30%
Sep-2016	98.74%
Oct-2016	98.17%
Nov-2016	97.50%
Dec-2016	97.63%
Jan-2017	96.41%
Feb-2017	95.49%
Mar-2017	94.07%
Apr-2017	99.84%
May-2017	99.43%
Jun-2017	99.66%
Jul-2017	99.35%
Aug-2017	99.54%
Sep-2017	99.37%
Oct-2017	99.16%
Nov-2017	98.64%
Dec-2017	97.58%
Jan-2018	97.18%
Feb-2018	97.46%
Mar-2018	95.40%

Source: CHKS (Cwm Taf)

Run Date: 4 September 2018

Mortality Indicator Ref No 20: % of Deaths in Hospital by Place of Occurrence

Percentage of deaths by place of occurrence 2016

LHB Area	Home	Care Home		Hospices		Hospitals (acute or community not psychiatric)		Other communal establishments	Elsewhere
		Local Authority	Non-Local Authority	NHS	Non-NHS	NHS	Non-NHS		
Betsi Cadwaladr University	22.6%	0.9%	17.1%	0.0%	4.3%	53.0%	0.2%	0.1%	1.9%
Powys Teaching	24.3%	3.7%	15.1%	0.0%	2.5%	52.0%	0.0%	0.0%	2.4%
Hywel Dda	27.0%	1.7%	18.5%	0.0%	0.9%	49.4%	0.0%	0.0%	2.5%
Abertawe Bro Morgannwg University	23.9%	1.0%	13.7%	0.0%	0.1%	58.2%	0.0%	1.0%	2.2%
Cwm Taf	22.2%	0.6%	10.4%	2.6%	0.0%	62.2%	0.0%	0.0%	1.9%
Aneurin Bevan	26.4%	0.8%	12.7%	0.0%	1.7%	56.4%	0.0%	0.2%	1.9%
Cardiff and Vale University	22.5%	0.4%	16.0%	0.0%	6.4%	52.3%	0.0%	0.1%	2.2%
WALES	24.1%	1.1%	15.0%	0.2%	2.4%	54.8%	0.0%	0.3%	2.1%

Number of deaths by place of occurrence 2016

LHB Area	Home	Care Home		Hospices		Hospitals (acute or community not psychiatric)		Other communal establishments	Elsewhere	Total Deaths
		Local Authority	Non-Local Authority	NHS	Non-NHS	NHS	Non-NHS			
Betsi Cadwaladr University	1,764	73	1,332	0	332	4,134	14	11	146	7,806
Powys Teaching	379	58	235	0	39	812	0	0	38	1,561
Hywel Dda	1,210	78	828	0	39	2,213	0	2	111	4,481
Abertawe Bro Morgannwg University	1,412	60	811	0	5	3,444	0	57	129	5,918
Cwm Taf	695	18	325	82	1	1,944	0	0	59	3,124
Aneurin Bevan	1,596	47	769	0	100	3,414	0	10	118	6,054
Cardiff and Vale University	928	16	661	0	264	2,157	0	4	92	4,122
WALES	7,984	350	4,961	82	780	18,118	14	84	693	33,066

Source: ONS

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/deathsregisteredinenlandandwalesseriesdrreferencetables>

Next Update: Oct to Nov 2018 Provisional

Mortality Indicator Ref No 21: Deprivation % of Lower-layer Super Output Areas in Most Deprived 20%

Welsh Index of Multiple Deprivation (WIMD) 2014

UA Area	Number of LSOAs	% of LSOAs in most deprived 10%	% of LSOAs in most deprived 20%	% of LSOAs in most deprived 30%	% of LSOAs in most deprived 50%
Isle of Anglesey	44	2	16	18	45
Gwynedd	73	4	4	5	34
Conwy	71	6	14	24	42
Denbighshire	58	14	16	21	47
Flintshire	92	2	12	20	35
Wrexham	85	6	13	27	44
Powys	79	1	4	11	20
Ceredigion	46	2	2	7	39
Pembrokeshire	71	6	8	15	37
Carmarthenshire	112	4	11	22	53
Swansea	148	12	25	28	49
Neath Port Talbot	91	13	30	41	67
Bridgend	88	10	23	42	57
Vale of Glamorgan	79	5	15	19	37
Rhondda Cynon Taf	154	17	30	47	72
Merthyr Tydfil	36	22	31	61	81
Caerphilly	110	13	28	39	67
Blaenau Gwent	47	23	47	66	85
Torfaen	60	5	25	40	57
Monmouthshire	56	0	0	7	21
Newport	95	15	31	39	57
Cardiff	214	18	28	36	46
Wales	1909	10%	20%	30%	50%

Source: StatsWales

Next Update: 2017 Provisional

<https://statswales.wales.gov.uk/Catalogue/Community-Safety-and-Social-Inclusion/Welsh-Index-of-Multiple-Deprivation/WIMD-2014>