

Mortality Indicators - March 2019

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				
9	Crude In-hospital mortality rate	CHKS	Main Hospital	Click Here
10	Deaths in hospital within 30 days of emergency admission for hip fracture for patients aged 65 and over	CHKS	LHB	Click Here
11	Rate of death in hospital within 30 days of emergency admission with a heart attack (myocardial infarction) for patients aged 35 to 74	CHKS	LHB	Click Here
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
15	Rates of deaths in hospital within 30 days of Non-Elective Surgery	CHKS	LHB	Click Here
16	Accident & Emergency crude mortality rate	EDDS	DGH	Click Here
Contextual Measures				
17	% clinical coding completeness	CHKS	LHB	Click Here
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	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	2015-17
Isle of Anglesey	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	79.1
Gwynedd	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	79.0
Conwy	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	79.3
Denbighshire	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	77.8
Flintshire	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	79.3
Wrexham	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	78.4
Powys	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	79.6
Ceredigion	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	79.5
Pembrokeshire	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	78.9
Carmarthenshire	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	78.0
Swansea	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	77.3
Neath Port Talbot	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	77.0
Bridgend	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	77.9
The Vale of Glamorgan	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	78.9
Cardiff	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	78.5
Rhondda, Cynon, Taff	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	77.5
Merthyr Tydfil	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	77.2
Caerphilly	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	77.8
Blaenau Gwent	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	76.2
Torfaen	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	77.6
Monmouthshire	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	80.3
Newport	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	77.8
Wales	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	78.3

Females

UA Area	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	2015-17
Isle of Anglesey	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	82.9
Gwynedd	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	83.4
Conwy	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	82.8
Denbighshire	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	81.8
Flintshire	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	82.4
Wrexham	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	81.4
Powys	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	84.2
Ceredigion	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	84.2
Pembrokeshire	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	83.3
Carmarthenshire	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	82.2
Swansea	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	82.1
Neath Port Talbot	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	80.9
Bridgend	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	81.2
The Vale of Glamorgan	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	83.4
Cardiff	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	82.7
Rhondda, Cynon, Taff	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	81.0
Merthyr Tydfil	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	80.6
Caerphilly	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	81.2
Blaenau Gwent	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	80.6
Torfaen	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	82.2
Monmouthshire	81.2	82.5	83.1	83.5	83.2	83.2	83.6	83.6	83.7	84.0	83.9	84.1	83.9	84.0
Newport	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	81.8
Wales	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	82.2

Source: Office for National Statistics

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

Next Update: December 2019

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), 2017 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	3,125.2	1,540.2	1,585.0	10.6	1035.6	1212.8	892.3
Isle of Anglesey	69.8	34.4	35.4	11.5	917.7	1043.1	812.5
Gwynedd	123.7	61.3	62.4	10.9	944.1	1079.2	821.5
Conwy	116.9	56.9	60.0	13.2	939.2	1049.0	852.5
Denbighshire	95.2	46.9	48.2	12.8	1152.2	1288.9	1032.0
Flintshire	155.2	76.5	78.7	9.6	974.5	1107.9	859.6
Wrexham	135.6	67.8	67.8	10.4	1083.8	1175.5	983.5
Powys	132.5	65.6	66.9	12.0	906.5	1112.6	739.6
Ceredigion	73.1	36.5	36.6	10.2	846.9	988.6	723.1
Pembrokeshire	124.7	61.2	63.6	12.0	970.4	1133.8	830.6
Carmarthenshire	186.5	91.2	95.3	12.0	1045.5	1241.5	887.8
Swansea	245.5	122.6	122.9	10.8	1090.2	1385.6	870.0
Neath Port Talbot	142.1	70.0	72.1	11.6	1150.3	1386.0	984.7
Bridgend	144.3	71.6	72.7	11.3	1168.7	1359.3	1029.7
Vale of Glamorgan	130.7	63.5	67.2	9.9	951.4	1162.0	797.7
Cardiff	362.8	179.2	183.6	7.7	1014.1	1225.3	857.3
Rhondda, Cynon, Taff	239.1	117.2	121.9	10.3	1119.5	1280.0	990.6
Merthyr Tydfil	60.0	29.4	30.5	10.6	1193.5	1356.6	1043.3
Caerphilly	180.8	88.7	92.1	10.1	1121.4	1251.0	1006.6
Blaenau Gwent	69.6	34.3	35.3	12.3	1272.2	1431.2	1113.0
Torfaen	92.3	45.0	47.3	11.4	1119.6	1392.8	922.3
Monmouthshire	93.6	46.2	47.4	11.0	875.1	1021.7	763.5
Newport	151.5	74.5	77.0	9.7	1095.4	1257.2	951.7

¹ The age-standardised mortality rates for 2017 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-2017 population estimates.

Source: Office for National Statistics

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

Next Update: Oct to Nov 2019 provisional

Mortality Indicator Ref No 3: Avoidable, Amenable and Preventable Mortality

Causes of death considered avoidable, amenable & preventable, European age-standardised rate (EASR) per 100,000, persons, Wales, 2015-2017

Area of usual residence	Avoidable		Amenable		Preventable	
	Deaths (annual average)	EASR	Deaths (annual average)	EASR	Deaths (annual average)	EASR
WALES	8,041.3	253.5	4360.7	136.6	6729.0	212.4
Isle of Anglesey	187.3	229.2	102.0	122.7	154.3	189.8
Gwynedd	308.3	236.9	160.3	123.9	252.0	193.9
Conwy	355.7	257.4	187.0	135.2	299.3	216.4
Denbighshire	274.3	256.2	150.3	138.5	233.3	218.0
Flintshire	391.7	240.9	210.0	127.0	334.3	206.2
Wrexham	359.7	265.7	193.3	141.1	302.7	223.9
Powys	320.7	200.6	172.0	105.6	272.3	171.4
Ceredigion	177.3	218.8	97.7	119.2	148.7	182.5
Pembrokeshire	327.3	229.7	178.0	121.1	280.3	197.7
Carmarthenshire	510.0	248.3	281.0	133.2	438.0	214.0
Swansea	640.0	272.9	331.0	141.5	548.3	233.8
Neath Port Talbot	431.7	293.7	224.7	150.9	371.7	253.1
Bridgend	376.3	260.1	203.3	138.3	317.3	220.1
The Vale of Glamorgan	276.3	205.4	142.7	105.3	224.7	167.0
Cardiff	691.0	249.8	375.3	138.7	564.0	203.2
Rhondda, Cynon, Taff	677.3	291.1	384.0	163.5	549.7	236.9
Merthyr Tydfil	175.3	304.1	95.3	163.8	142.3	247.6
Caerphilly	501.7	280.8	285.0	157.3	413.3	232.1
Blaenau Gwent	214.0	302.0	127.0	177.2	175.7	248.4
Torfaen	249.3	267.5	133.0	142.0	213.3	228.9
Monmouthshire	219.0	204.4	117.7	108.3	187.0	174.3
Newport	377.0	276.9	210.0	155.0	306.3	225.4

Avoidable, amenable & preventable mortality are classified according to ONS definitions;

amenable (treatable) mortality - deaths that could be avoided through timely and effective healthcare

preventable mortality - deaths that could be avoided by public health interventions

avoidable mortality – deaths that are amenable, preventable or both, where each death is counted only once

Source: Office for National Statistics

<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/causesofdeath/bulletins/avoidablemortalityinenglandandwales/2017>

Next Update: Feb 2020

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

Area Name	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Wales	15.8	14.1	14.3	25.4	17.5	20.4	12.8	18.1	10.3	25.1	17.4	17.7
Isle of Anglesey	17.2	14.3	:	31.1	28.0	34.9	:	13.1	17.2	28.5	8.8	:
Gwynedd	14.4	11.9	16.1	25.5	14.3	11.2	23.8	23.7	5.7	35.1	17.9	6.5
Conwy	25.8	10.7	10.7	27.3	23.7	15.1	4.6	15.5	3.3	20.9	28.3	19.9
Denbighshire	14.7	13.1	33.3	19.7	18.5	19.4	16.0	13.2	22.3	17.7	21.2	15.8
Flintshire	5.8	8.3	22.6	33.0	25.3	21.4	16.4	28.0	14.6	25.0	15.9	18.1
Wrexham	15.4	28.4	19.0	23.6	16.9	33.5	12.2	27.5	19.0	27.9	11.6	12.5
Powys	12.8	6.4	8.0	34.1	14.9	11.4	14.8	19.8	9.2	19.9	6.5	33.8
Ceredigion	38.9	17.9	9.3	41.3	14.3	20.1	:	19.2	6.7	13.8	20.9	17.9
Pembrokeshire	15.8	8.8	26.3	28.5	19.2	20.2	6.0	25.7	3.7	32.6	15.4	31.2
Carmarthenshire	13.7	14.2	13.1	22.6	16.0	20.8	4.5	14.5	9.0	24.8	16.0	15.2
Swansea	15.0	20.7	8.9	25.4	21.9	14.6	12.5	15.1	13.4	28.2	19.2	21.2
Neath Port Talbot	8.5	18.3	:	27.7	23.4	33.1	8.3	18.9	1.7	21.9	24.4	9.9
Bridgend	19.4	:	15.8	22.2	21.1	36.4	24.5	11.9	14.5	34.0	16.0	14.2
The Vale of Glamorgan	11.3	15.3	13.0	30.7	14.9	7.6	16.4	17.4	3.3	31.1	23.5	17.0
Cardiff	13.8	12.3	9.9	22.2	16.1	25.0	19.1	14.9	8.6	18.5	18.9	21.4
Rhondda Cynon Taf	18.3	22.5	21.0	27.5	11.2	11.8	9.9	17.4	4.7	20.8	16.1	12.1
Merthyr Tydfil	12.5	21.6	8.2	:	:	15.1	19.6	33.2	3.0	24.3	15.7	21.2
Caerphilly	20.5	16.8	23.5	22.5	23.4	29.0	12.3	15.9	21.1	27.7	24.1	26.6
Blaenau Gwent	18.6	27.7	34.3	16.3	18.2	21.8	11.9	10.9	25.4	11.5	11.2	10.6
Torfaen	6.0	6.8	16.1	30.7	18.9	21.6	16.3	20.0	:	39.9	15.3	25.6
Monmouthshire	17.4	8.1	24.5	21.1	20.1	18.7	9.6	33.3	16.4	24.6	8.2	11.7
Newport	22.3	8.6	:	23.0	2.7	15.4	31.4	9.6	12.6	28.4	18.1	18.7

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 2017-18 Unitary Authority data not available from ONS

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

Next Update: November 2019

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>

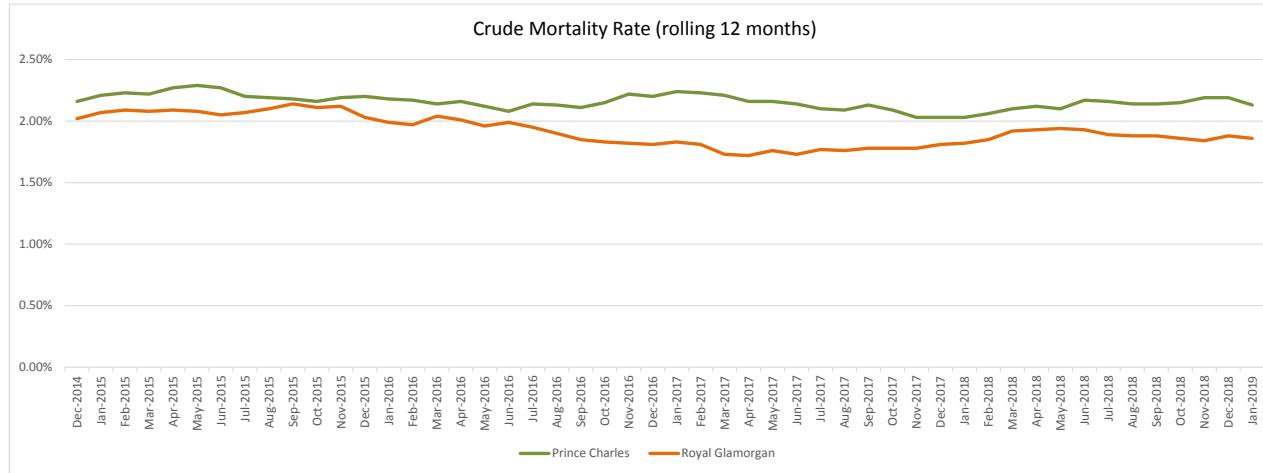
Next Update: July - August 2019 Provisional

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

Rolling Annual Period	Prince Charles	Royal Glamorgan
	%	%
Dec-2014	2.16%	2.02%
Jan-2015	2.21%	2.07%
Feb-2015	2.23%	2.09%
Mar-2015	2.22%	2.08%
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%	2.03%
Jan-2016	2.18%	1.99%
Feb-2016	2.17%	1.97%
Mar-2016	2.14%	2.04%
Apr-2016	2.16%	2.01%
May-2016	2.12%	1.96%
Jun-2016	2.08%	1.99%
Jul-2016	2.14%	1.95%
Aug-2016	2.13%	1.90%
Sep-2016	2.11%	1.85%
Oct-2016	2.15%	1.83%
Nov-2016	2.22%	1.82%
Dec-2016	2.20%	1.81%
Jan-2017	2.24%	1.83%
Feb-2017	2.23%	1.81%
Mar-2017	2.21%	1.73%
Apr-2017	2.16%	1.72%
May-2017	2.16%	1.76%
Jun-2017	2.14%	1.73%
Jul-2017	2.10%	1.77%
Aug-2017	2.09%	1.76%
Sep-2017	2.13%	1.78%
Oct-2017	2.09%	1.78%
Nov-2017	2.03%	1.78%
Dec-2017	2.03%	1.81%
Jan-2018	2.03%	1.82%
Feb-2018	2.06%	1.85%
Mar-2018	2.10%	1.92%
Apr-2018	2.12%	1.93%
May-2018	2.10%	1.94%
Jun-2018	2.17%	1.93%
Jul-2018	2.16%	1.89%
Aug-2018	2.14%	1.88%
Sep-2018	2.14%	1.88%
Oct-2018	2.15%	1.86%
Nov-2018	2.19%	1.84%
Dec-2018	2.19%	1.88%
Jan-2019	2.13%	1.86%

Source: CHKS (Cwm Taf)

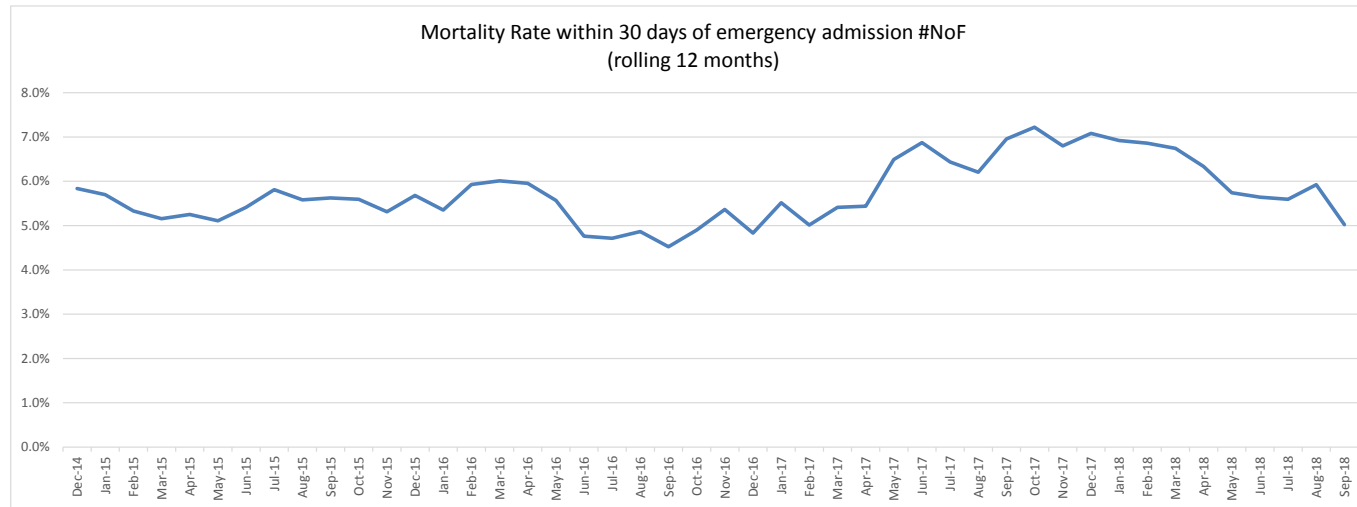
Run Date: 11 March 2019



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-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%
Apr-18	6.3%
May-18	5.7%
Jun-18	5.6%
Jul-18	5.6%
Aug-18	5.9%
Sep-18	5.0%

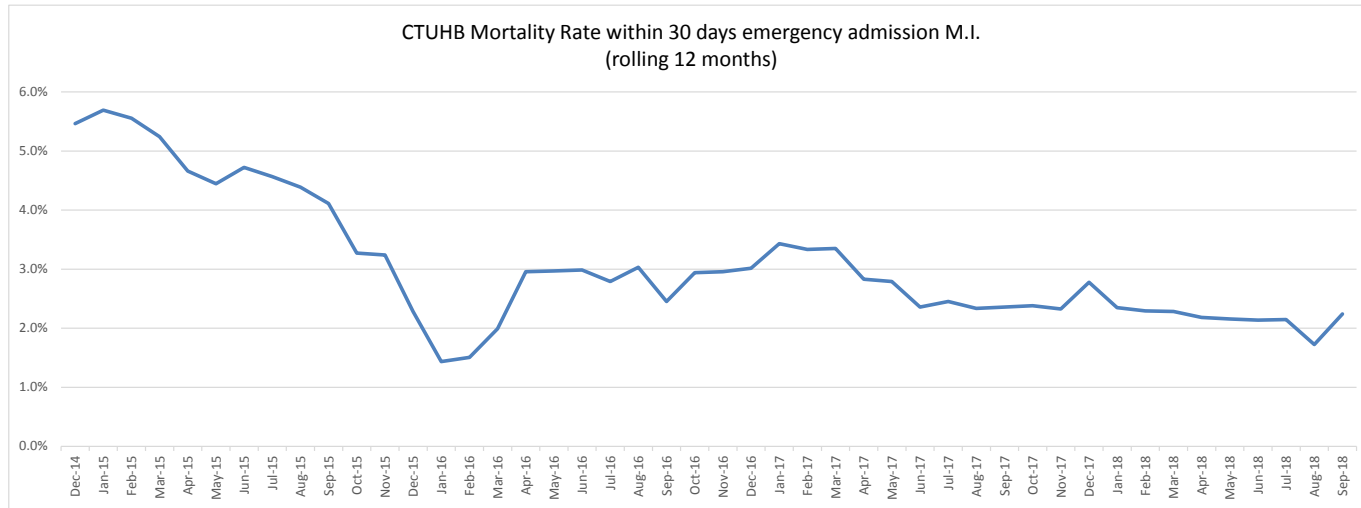
Source: CHKS 4 March 2019



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-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%
Apr-18	2.2%
May-18	2.2%
Jun-18	2.1%
Jul-18	2.1%
Aug-18	1.7%
Sep-18	2.2%

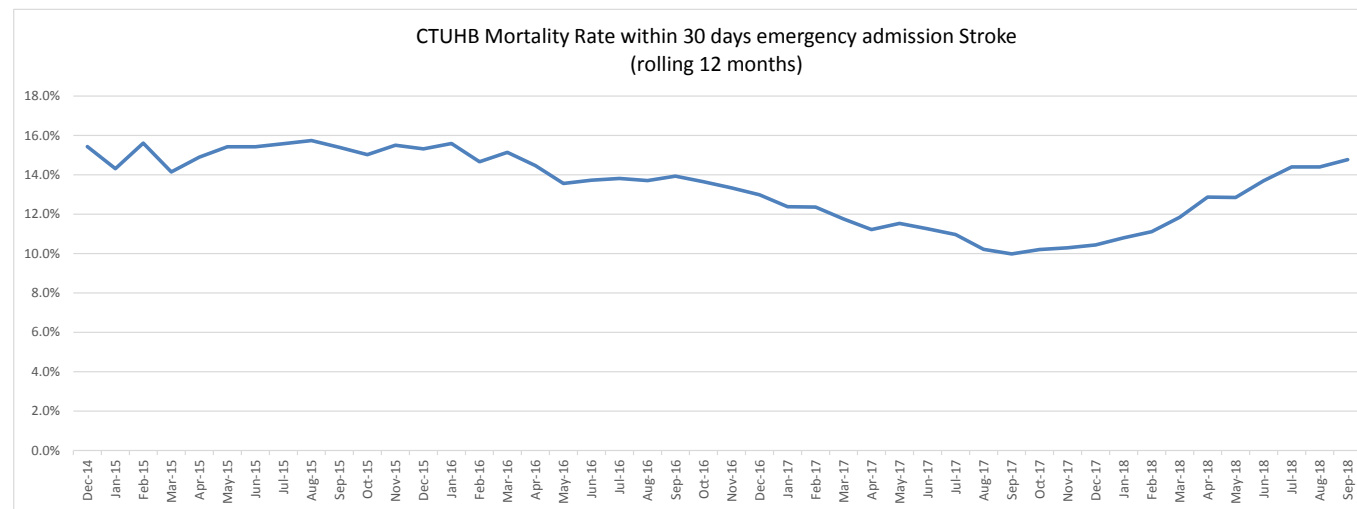
Source: CHKS 4 March 2019



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-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%
Apr-18	12.9%
May-18	12.8%
Jun-18	13.7%
Jul-18	14.4%
Aug-18	14.4%
Sep-18	14.8%

Source: CHKS 4 March 2019



Mortality Indicator Ref No 14 : Rate of deaths in hospital within 30 days of elective surgery	
Rolling 12 Month Period	Cwm Taf
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%
Apr-18	0.06%
May-18	0.06%
Jun-18	0.06%
Jul-18	0.04%
Aug-18	0.04%
Sep-18	0.02%

Source: CHKS 4 March 2019

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-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%
Apr-18	1.31%
May-18	1.25%
Jun-18	1.26%
Jul-18	1.22%
Aug-18	1.23%
Sep-18	1.18%

Source: CHKS 4 March 2019

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
Aug-2018	21.4	16.4
Sep-2018	20.7	16.6
Oct-2018	20.4	17.2
Nov-2018	21.0	17.2
Dec-2018	20.5	17.1
Jan-2019	20.6	16.2

Source: EDDS Data Mart
Run Date: 16 February 2019

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

Rolling Annual Period	Cwm Taf
	%
Dec-2014	99.62%
Jan-2015	99.60%
Feb-2015	99.59%
Mar-2015	99.48%
Apr-2015	99.92%
May-2015	99.91%
Jun-2015	99.83%
Jul-2015	99.84%
Aug-2015	99.77%
Sep-2015	99.54%
Oct-2015	99.57%
Nov-2015	99.64%
Dec-2015	99.57%
Jan-2016	99.56%
Feb-2016	99.33%
Mar-2016	99.09%
Apr-2016	99.79%
May-2016	99.67%
Jun-2016	99.07%
Jul-2016	98.98%
Aug-2016	99.16%
Sep-2016	99.41%
Oct-2016	98.99%
Nov-2016	99.08%
Dec-2016	99.16%
Jan-2017	98.74%
Feb-2017	98.29%
Mar-2017	98.54%
Apr-2017	99.61%
May-2017	99.09%
Jun-2017	99.28%
Jul-2017	99.39%
Aug-2017	99.33%
Sep-2017	99.18%
Oct-2017	99.13%
Nov-2017	98.50%
Dec-2017	97.88%
Jan-2018	97.80%
Feb-2018	97.60%
Mar-2018	97.19%
Apr-2018	95.95%
May-2018	96.00%
Jun-2018	89.75%
Jul-2018	86.46%
Aug-2018	82.40%
Sep-2018	81.54%

Source: CHKS (Cwm Taf)

Run Date: 11 March 2019

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

Percentage of deaths by place of occurrence 2017

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	22.5%	1.0%	17.4%	0.0%	4.3%	52.0%	0.2%	0.2%	2.5%
Powys Teaching	26.7%	3.7%	14.5%	0.0%	2.3%	50.5%	0.1%	0.1%	2.3%
Hywel Dda	28.3%	2.0%	16.9%	0.0%	1.1%	49.1%	0.0%	0.2%	2.5%
Abertawe Bro Morgannwg University	23.5%	0.8%	15.1%	0.1%	0.1%	57.8%	0.0%	0.8%	1.9%
Cwm Taf	23.6%	0.8%	10.9%	2.0%	0.1%	60.6%	0.0%	0.0%	2.0%
Aneurin Bevan	25.5%	0.8%	14.1%	0.0%	1.5%	56.0%	0.0%	0.2%	1.8%
Cardiff and Vale University	22.0%	0.3%	14.6%	0.1%	7.0%	54.0%	0.0%	0.0%	1.9%
WALES	24.3%	1.1%	15.2%	0.2%	2.4%	54.4%	0.0%	0.2%	2.1%

Number of deaths by place of occurrence 2017

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	1,760	77	1,363	0	334	4,059	12	15	193	7,813
Powys Teaching	426	59	231	0	36	805	1	1	36	1,595
Hywel Dda	1,267	89	755	0	49	2,201	1	7	111	4,480
Abertawe Bro Morgannwg University	1,394	46	896	3	3	3,425	0	46	114	5,927
Cwm Taf	730	26	339	63	3	1,876	0	0	61	3,098
Aneurin Bevan	1,590	52	879	0	95	3,492	0	10	113	6,231
Cardiff and Vale University	902	13	599	3	288	2,217	0	2	80	4,104
WALES	8,069	362	5,062	69	808	18,075	14	81	708	33,248

Source: ONS

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

Next Update: Sep to Oct 2019 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>