

## Mortality Indicators - June 2017

Population based measures				
Ref No.	Measure	Source	Reporting Level	Link
1	Life expectancy at birth	ONS	Unitary Authority	<a href="#">Click Here</a>
2	Age Standardised Mortality Rates (ASMR):registered deaths per 100,000 of resident population	ONS	Unitary Authority	<a href="#">Click Here</a>
3	Avoidable Mortality: age standardised deaths per 100,000 of resident population for amenable and preventable conditions	ONS	Unitary Authority or LHB	<a href="#">Click Here</a>
4	Excess Winter Mortality Index (EWMI)	ONS	Unitary Authority	<a href="#">Click Here</a>
5	Perinatal Mortality: Registered deaths per 1,000 of still / live births	ONS	LHB	<a href="#">Click Here</a>
Hospital Based Measures				
9	Crude In-hospital mortality rate	CHKS	Main Hospital	<a href="#">Click Here</a>
10	Deaths in hospital within 30 days of emergency admission for hip fracture for patients aged 65 and over	CHKS	LHB	<a href="#">Click Here</a>
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	<a href="#">Click Here</a>
12	Deaths in hospital within 30 days of emergency admission for a stroke	CHKS	LHB	<a href="#">Click Here</a>
14	Rates of deaths in hospital within 30 days of Elective Surgery	CHKS	LHB	<a href="#">Click Here</a>
15	Rates of deaths in hospital within 30 days of Non-Elective Surgery	CHKS	LHB	<a href="#">Click Here</a>
16	Accident & Emergency crude mortality rate	EDDS	DGH	<a href="#">Click Here</a>
Contextual Measures				
17	% clinical coding completeness	CHKS	LHB	<a href="#">Click Here</a>
20	Proportion of deaths in hospital as a % of total registered deaths	ONS	LHB	<a href="#">Click Here</a>
21	Deprivation: % of LSOA's in most deprived 20%	StatsWales	Unitary Authority	<a href="#">Click Here</a>

Mortality Indicator Ref No 1: Life Expectancy at Birth

Males

UA Area	2000-02	2001-03	2002-04	2003-05	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14
Isle of Anglesey	76.1	76.3	76.7	77.1	77.3	77.0	77.1	77.0	77.3	78.0	78.5	78.7	78.7
Gwynedd	76.4	76.9	76.8	76.9	76.9	77.2	77.5	77.5	77.7	78.3	78.8	79.6	80.0
Conwy	75.5	75.7	75.8	76.3	76.6	77.0	77.1	77.3	78.0	78.2	79.0	79.1	79.1
Denbighshire	75.9	76.2	76.4	76.3	76.5	77.0	77.4	77.6	77.7	78.1	78.3	78.2	77.8
Flintshire	76.2	76.3	76.1	76.3	76.7	77.5	77.7	78.1	78.3	78.9	79.0	79.1	79.0
Wrexham	75.4	75.6	75.8	76.2	76.8	77.1	77.2	77.3	77.5	78.1	78.2	78.6	78.5
Powys	76.7	77.0	77.4	77.8	78.2	78.4	79.1	79.3	79.5	79.6	80.0	80.4	80.6
Ceredigion	78.6	78.5	77.5	77.3	78.2	79.3	80.1	79.9	80.1	79.8	79.9	79.8	80.5
Pembrokeshire	75.0	75.1	76.0	76.0	76.6	76.8	77.3	77.6	78.2	78.8	79.4	79.3	79.7
Carmarthenshire	75.1	74.9	75.4	75.6	75.9	76.3	76.6	77.4	77.7	78.3	78.5	78.6	78.9
Swansea	75.6	75.4	75.7	75.7	76.4	76.4	77.0	76.8	77.2	77.1	77.6	77.6	78.0
Neath Port Talbot	74.0	74.2	74.5	75.2	76.0	76.4	76.3	76.2	76.4	76.6	76.6	76.6	77.2
Bridgend	75.4	75.5	75.5	75.6	76.0	75.9	76.0	76.4	76.9	76.9	77.0	77.1	77.2
The Vale of Glamorgan	76.1	76.0	76.0	76.9	77.7	77.7	77.7	78.1	78.8	79.4	79.6	79.8	79.6
Cardiff	75.1	75.5	75.9	76.2	76.6	76.5	76.7	77.0	77.8	78.2	78.2	78.2	78.2
Rhondda, Cynon, Taff	74.0	74.2	74.8	75.1	75.6	75.0	75.4	75.4	76.1	75.8	76.4	76.5	77.0
Merthyr Tydfil	73.3	73.5	73.9	74.4	75.5	75.6	75.0	74.9	75.7	76.4	77.4	76.9	77.3
Caerphilly	74.1	74.6	74.8	75.3	75.6	75.9	75.7	76.2	76.8	77.4	77.6	77.8	78.0
Blaenau Gwent	73.3	73.6	73.9	74.2	74.8	75.2	75.3	75.6	75.9	76.0	75.7	75.5	76.2
Torfaen	75.5	75.5	75.9	76.2	77.3	77.1	76.8	76.6	77.3	77.7	77.6	77.6	78.0
Monmouthshire	76.7	77.0	78.0	78.4	78.8	78.7	78.8	79.6	80.4	80.5	80.1	79.9	80.7
Newport	74.5	74.7	75.3	76.0	76.7	77.1	77.1	76.8	76.9	77.7	77.9	78.0	78.1
<b>Wales</b>	<b>75.3</b>	<b>75.5</b>	<b>75.8</b>	<b>76.1</b>	<b>76.6</b>	<b>76.8</b>	<b>77.0</b>	<b>77.2</b>	<b>77.6</b>	<b>78.0</b>	<b>78.2</b>	<b>78.3</b>	<b>78.5</b>

Females

UA Area	2000-02	2001-03	2002-04	2003-05	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14
Isle of Anglesey	80.5	80.6	81.2	81.4	82.3	82.4	83.0	82.3	82.1	82.3	83.0	83.1	83.0
Gwynedd	81.1	80.9	80.7	81.0	81.7	82.1	82.1	82.2	82.3	83.3	83.1	83.7	83.5
Conwy	80.3	80.5	80.8	81.2	81.4	81.5	81.6	81.9	82.0	82.4	82.6	82.9	82.9
Denbighshire	80.0	79.8	80.3	80.0	80.6	80.8	81.1	80.6	80.4	80.9	81.2	81.2	81.3
Flintshire	80.2	80.2	80.9	80.7	81.2	81.4	81.8	82.0	82.0	82.4	82.4	82.3	82.5
Wrexham	79.4	79.7	79.9	80.2	80.4	80.5	80.7	80.9	81.2	81.6	82.0	82.1	81.8
Powys	81.4	80.9	81.0	81.3	81.8	82.1	82.7	83.2	83.3	83.5	83.5	83.7	83.7
Ceredigion	81.9	81.7	81.5	82.1	82.8	83.8	83.9	83.8	83.4	83.5	83.9	84.0	84.1
Pembrokeshire	80.3	80.3	80.4	81.0	81.5	81.7	82.0	82.3	82.3	82.7	82.5	82.8	83.2
Carmarthenshire	79.9	79.9	80.2	80.7	81.1	81.4	81.3	81.3	81.7	82.3	82.6	82.5	82.5
Swansea	80.0	80.2	80.5	80.8	81.0	81.0	81.1	81.6	82.1	82.4	82.2	82.1	82.4
Neath Port Talbot	79.4	79.8	80.1	80.4	80.3	80.6	80.4	80.7	80.9	81.0	81.2	81.0	81.2
Bridgend	79.5	79.5	79.6	80.0	80.2	80.2	80.2	81.2	81.4	81.3	80.6	81.0	81.7
The Vale of Glamorgan	80.6	81.0	80.9	80.8	81.2	81.7	82.4	82.6	82.8	83.4	83.4	83.4	83.3
Cardiff	80.2	80.3	80.5	80.7	81.4	81.6	81.8	81.9	81.9	82.4	82.7	82.9	82.9
Rhondda, Cynon, Taff	79.1	79.1	79.2	79.4	80.0	79.9	79.9	79.9	80.3	80.8	81.0	80.8	80.9
Merthyr Tydfil	78.1	78.4	78.2	78.6	79.2	79.5	79.7	79.5	80.4	80.8	81.1	80.9	80.5
Caerphilly	79.1	79.4	79.4	79.3	79.9	80.3	80.9	81.0	81.3	81.7	81.5	81.5	81.5
Blaenau Gwent	78.8	78.4	78.4	78.4	78.6	78.6	78.7	79.0	79.6	79.9	79.9	80.1	80.3
Torfaen	79.4	80.1	80.6	81.0	81.2	81.0	80.8	80.8	81.5	82.3	82.1	81.8	81.6
Monmouthshire	81.9	81.4	81.3	82.7	83.3	83.7	83.4	83.4	83.8	83.9	83.9	84.2	84.1
Newport	80.3	80.4	80.6	80.3	80.5	80.7	81.2	81.6	82.1	82.2	82.1	82.3	82.4
<b>Wales</b>	<b>80.0</b>	<b>80.1</b>	<b>80.3</b>	<b>80.5</b>	<b>81.0</b>	<b>81.2</b>	<b>81.3</b>	<b>81.5</b>	<b>81.8</b>	<b>82.2</b>	<b>82.2</b>	<b>82.3</b>	<b>82.3</b>

Source: Office for National Statistics

<http://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/lifeexpectancies/bulletins/lifeexpectancyatbirthanddatage65bylocalareasinenglandandwales/2015-11-04>

Next Update: yet to be announced by ONS

The figures in this table are constructed from the estimated population and total deaths by single year / quinary age each year, based on a three year average. The expected years of life is the lifetime of a newborn person if they were subject throughout their lives to the average recorded death rate of the three year period. Such a calculation excludes future improvements to mortality rates.

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

**Table 1a: Deaths (numbers and rates) by area of usual residence (administrative areas), 2015 registrations**

Area of usual residence	Population Number (thousands) All ages			Crude death rate (deaths per 1,000 population)	Age-standardised mortality rate <sup>1</sup>		
	Persons	Males	Females		Persons	Males	Females
<b>WALES</b>	<b>3,099.1</b>	<b>1,525.6</b>	<b>1,573.5</b>	<b>10.7</b>	<b>1064.4</b>	<b>1231.9</b>	<b>929.4</b>
Isle of Anglesey	70.0	34.5	35.5	12.3	1033.1	1235.2	897.2
Gwynedd	122.9	60.9	62.0	11.7	1030.1	1279.3	850.7
Conwy	116.2	56.5	59.7	13.1	959.6	1066.7	866.0
Denbighshire	94.7	46.7	48.0	12.1	1097.4	1209.9	989.1
Flintshire	154.1	75.9	78.1	9.8	1035.0	1155.9	921.6
Wrexham	136.6	68.1	68.5	10.5	1139.0	1257.7	1027.1
Powys	132.6	65.7	67.0	11.9	932.3	1073.9	811.1
Ceredigion	74.6	37.5	37.2	10.8	944.4	1112.6	806.2
Pembrokeshire	123.5	60.6	62.9	12.2	1024.0	1199.1	877.1
Carmarthenshire	185.1	90.6	94.5	12.1	1077.8	1173.3	982.3
Swansea	242.4	120.9	121.5	10.7	1083.1	1261.3	934.7
Neath Port Talbot	141.0	69.2	71.8	11.6	1153.6	1381.9	975.5
Bridgend	142.1	70.3	71.8	11.0	1163.9	1326.7	1028.3
Vale of Glamorgan	127.6	62.0	65.6	10.3	993.0	1224.8	823.4
Cardiff	357.2	175.6	181.6	7.8	1027.0	1211.4	896.0
Rhondda, Cynon, Taff	237.4	116.4	121.0	10.8	1192.2	1367.9	1057.2
Merthyr Tydfil	59.3	29.1	30.3	10.4	1146.3	1325.6	1013.5
Caerphilly	180.2	88.2	92.0	10.2	1176.8	1367.5	1030.8
Blaenau Gwent	69.5	34.2	35.3	11.3	1195.4	1395.7	1033.0
Torfaen	91.8	44.8	47.0	10.5	1054.4	1271.3	888.6
Monmouthshire	92.5	45.5	47.0	10.6	896.5	1030.2	793.4
Newport	147.8	72.5	75.3	10.0	1122.6	1336.9	963.1

1 The age-standardised mortality rates for 2015 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.

**Source: Office for National Statistics**

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

**Next Update: Nov to Dec 2017 provisional**

**Causes of death considered avoidable, amenable & preventable, European age-standardised rate (EASR) per 100,000, persons, Cwm Taf UHB, 2004-2015**

	Avoidable			Amenable			Preventable		
	Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)
2004	856	339.7	(317.2-363.4)	466	183.7	(167.3-201.2)	701	278.6	(258.2-300.1)
2005	907	354.2	(331.4-378.2)	497	194.5	(177.7-212.5)	754	295.3	(274.4-317.3)
2006	863	333.5	(311.5-356.7)	443	172.0	(156.3-188.9)	732	282.7	(262.5-304.1)
2007	958	363.8	(341.0-387.7)	486	185.1	(168.9-202.4)	789	299.6	(278.9-321.4)
2008	905	343.0	(320.9-366.3)	479	182.3	(166.3-199.4)	739	279.3	(259.4-300.4)
2009	839	311.5	(290.7-333.5)	418	155.8	(141.1-171.5)	695	258.0	(239.1-278.0)
2010	846	312.9	(292.1-334.9)	380	141.3	(127.3-156.3)	699	258.7	(239.8-278.7)
2011	858	311.6	(291.0-333.3)	415	151.6	(137.3-167.0)	726	262.8	(243.9-282.7)
2012	811	292.7	(272.8-313.7)	375	134.4	(121.1-148.7)	673	243.2	(225.1-262.4)
2013	871	310.1	(289.8-331.5)	394	139.8	(126.3-154.4)	720	256.5	(238.0-276.0)
2014	842	296.1	(276.3-316.9)	376	131.0	(118.0-145.0)	696	245.6	(227.6-264.6)
2015	844	293.6	(274.0-314.1)	411	141.8	(128.4-156.3)	673	234.5	(217.1-253.0)

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

**Causes of death considered avoidable, amenable & preventable, European age-standardised rate (EASR) per 100,000, persons, Rhondda Cynon Taf local authority, 2004-2015**

	Avoidable			Amenable			Preventable		
	Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)
2004	677	333.7	(308.8-359.9)	375	183.4	(165.3-203.1)	554	273.4	(251.0-297.4)
2005	726	351.9	(326.6-378.7)	399	193.4	(174.8-213.4)	605	294.6	(271.4-319.2)
2006	692	334.2	(309.6-360.2)	368	178.6	(160.7-197.9)	585	282.3	(259.7-306.3)
2007	780	369.1	(343.5-396.1)	384	182.2	(164.3-201.5)	642	304.0	(280.7-328.6)
2008	714	337.5	(313.0-363.4)	376	178.2	(160.6-197.3)	580	273.5	(251.5-296.8)
2009	646	299.7	(276.9-323.8)	318	147.6	(131.7-164.8)	538	249.8	(229.0-271.9)
2010	693	318.9	(295.4-343.7)	311	144.1	(128.4-161.1)	567	260.9	(239.8-283.4)
2011	706	320.4	(297.1-345.0)	342	156.4	(140.2-173.9)	605	273.5	(252.0-296.3)
2012	653	294.3	(272.1-317.9)	313	140.2	(125.1-156.7)	545	245.8	(225.5-267.5)
2013	687	305.7	(283.1-329.5)	305	135.1	(120.3-151.2)	568	252.7	(232.2-274.5)
2014	653	287.1	(265.4-310.1)	291	126.8	(112.6-142.3)	546	240.5	(220.7-261.7)
2015	654	283.6	(262.2-306.3)	322	138.7	(123.9-154.7)	522	226.6	(207.5-247.0)

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

**Causes of death considered avoidable, amenable & preventable, European age-standardised rate (EASR) per 100,000, persons, Merthyr Tydfil local authority, 2004-2015**

	Avoidable			Amenable			Preventable		
	Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)	Count	EASR	(95% Confidence Intervals)
2004	179	363.3	(311.7-421.0)	91	184.6	(148.5-226.8)	147	299.0	(252.3-351.8)
2005	181	363.8	(312.5-421.1)	98	199.3	(161.7-243.1)	149	298.0	(251.8-350.1)
2006	171	331.2	(283.1-385.1)	75	145.0	(113.9-182.0)	147	285.0	(240.5-335.3)
2007	178	341.9	(293.2-396.3)	102	197.0	(160.4-239.3)	147	281.3	(237.3-330.9)
2008	191	365.1	(314.9-421.1)	103	198.4	(161.8-240.8)	159	303.0	(257.5-354.3)
2009	193	359.1	(309.9-413.7)	100	188.8	(153.5-229.9)	157	291.0	(247.1-340.5)
2010	153	289.2	(245.0-339.1)	69	130.2	(101.2-164.9)	132	250.1	(209.1-296.8)
2011	152	277.3	(234.7-325.3)	73	132.2	(103.4-166.4)	121	220.6	(182.8-263.9)
2012	158	286.2	(243.0-334.7)	62	111.5	(85.4-143.1)	128	232.4	(193.6-276.5)
2013	184	328.2	(282.2-379.5)	89	159.4	(127.9-196.4)	152	271.7	(230.0-318.7)
2014	189	331.2	(285.5-382.2)	85	146.8	(117.1-181.6)	150	265.1	(224.2-311.3)
2015	190	333.9	(288.0-385.1)	89	154.1	(123.7-189.7)	151	266.9	(225.8-313.2)

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

**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
<b>Wales</b>	<b>18.8</b>	<b>15.8</b>	<b>14.1</b>	<b>14.3</b>	<b>25.4</b>	<b>17.5</b>	<b>20.4</b>	<b>12.8</b>	<b>18.1</b>	<b>10.3</b>	<b>25.1</b>
Isle of Anglesey	20.3	17.2	14.3	:	31.1	28.0	34.9	:	13.1	17.2	28.5
Gwynedd	9.2	14.4	11.9	16.1	25.5	14.3	11.2	23.8	23.7	5.7	35.1
Conwy	8.5	25.8	10.7	10.7	27.3	23.7	15.1	4.6	15.5	3.3	20.9
Denbighshire	22.5	14.7	13.1	33.3	19.7	18.5	19.4	16.0	13.2	22.3	17.7
Flintshire	21.5	5.8	8.3	22.6	33.0	25.3	21.4	16.4	28.0	14.6	25.0
Wrexham	30.9	15.4	28.4	19.0	23.6	16.9	33.5	12.2	27.5	19.0	27.9
Powys	27.1	12.8	6.4	8.0	34.1	14.9	11.4	14.8	19.8	9.2	19.9
Ceredigion	:	38.9	17.9	9.3	41.3	14.3	20.1	:	19.2	6.7	13.8
Pembrokeshire	22.4	15.8	8.8	26.3	28.5	19.2	20.2	6.0	25.7	3.7	32.6
Carmarthenshire	15.4	13.7	14.2	13.1	22.6	16.0	20.8	4.5	14.5	9.0	24.8
Swansea	31.4	15.0	20.7	8.9	25.4	21.9	14.6	12.5	15.1	13.4	28.2
Neath Port Talbot	9.4	8.5	18.3	:	27.7	23.4	33.1	8.3	18.9	1.7	21.9
Bridgend	7.9	19.4	:	15.8	22.2	21.1	36.4	24.5	11.9	14.5	34.0
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
Cardiff	12.9	13.8	12.3	9.9	22.2	16.1	25.0	19.1	14.9	8.6	18.5
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
Merthyr Tydfil	25.8	12.5	21.6	8.2	:	:	15.1	19.6	33.2	3.0	24.3
Caerphilly	28.1	20.5	16.8	23.5	22.5	23.4	29.0	12.3	15.9	21.1	27.7
Blaenau Gwent	10.0	18.6	27.7	34.3	16.3	18.2	21.8	11.9	10.9	25.4	11.5
Torfaen	18.2	6.0	6.8	16.1	30.7	18.9	21.6	16.3	20.0	:	39.9
Monmouthshire	10.3	17.4	8.1	24.5	21.1	20.1	18.7	9.6	33.3	16.4	24.6
Newport	20.1	22.3	8.6	:	23.0	2.7	15.4	31.4	9.6	12.6	28.4

**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 2015-16 Unitary Authority data not available from ONS**

<http://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/excesswintermortalityinenglandandwales/2015to2016provisionaland2014to2015final>

**Next Update: November 2017**

**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:

$EWM = \text{winter deaths} - \text{average non-winter deaths}$

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:

$EWM \text{ Index} = (EWM / \text{average non-winter deaths}) \times 100$

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

Live births, stillbirths and infant mortality statistics 2015

Area of usual residence	Numbers						Mortality Rates <sup>1</sup>			
	Births		Deaths				Perinatal	Neonatal	Post-natal	Infant
	Live births	Stillbirths	Perinatal	Neonatal	Post-natal	Infant				
<b>WALES</b>	<b>33,279</b>	<b>158</b>	<b>218</b>	<b>84</b>	<b>37</b>	<b>121</b>	<b>6.5</b>	<b>2.5</b>	<b>1.1</b>	<b>3.6</b>
Betsi Cadwaladr University	7,086	27	40	19	4	23	5.6	2.7 u	0.6 u	3.2
Powys Teaching	1,123	5	5	1	1	2	4.4 u	u	u	u
Hywel Dda	3,667	20	22	4	6	10	6	1.1 u	1.6 u	2.7 u
Abertawe Bro Morgannwg University	5,515	29	40	12	5	17	7.2	2.2 u	0.9 u	3.1 u
Cwm Taf	3,441	8	18	13	2	15	5.2 u	3.8 u	u	4.4 u
Aneurin Bevan	6,574	31	43	21	11	32	6.5	3.2	1.7 u	4.9
Cardiff and Vale University	5,873	38	50	14	8	22	8.5	2.4 u	1.4 u	3.7

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

<sup>1</sup> Perinatal deaths per 1,000 live births and stillbirths. Neonatal, postneonatal and infant deaths per 1,000 live births.

Source: Office for National Statistics

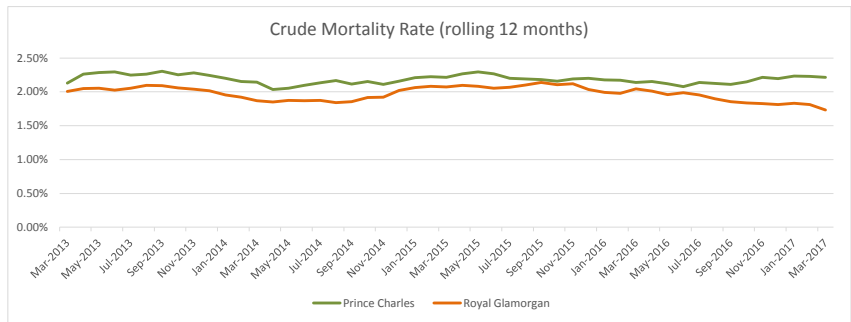
<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/childmortalitystatisticschildhoodinfantandperinatalchildhoodinfantandperinatalmortalityinenglandandwales>

Next Update: July - August 2017

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

Rolling Annual Period	Prince Charles	Royal Glamorgan
	%	%
Apr-2012	1.85%	1.94%
May-2012	1.65%	1.76%
Jun-2012	1.73%	2.14%
Jul-2012	2.14%	1.41%
Aug-2012	1.85%	1.74%
Sep-2012	1.69%	1.54%
Oct-2012	2.19%	1.89%
Nov-2012	1.67%	1.99%
Dec-2012	2.48%	2.05%
Jan-2013	2.87%	2.90%
Feb-2013	2.88%	2.34%
Mar-2013	2.13%	2.01%
Apr-2013	2.26%	2.05%
May-2013	2.29%	2.06%
Jun-2013	2.29%	2.03%
Jul-2013	2.25%	2.05%
Aug-2013	2.26%	2.09%
Sep-2013	2.30%	2.09%
Oct-2013	2.25%	2.06%
Nov-2013	2.28%	2.04%
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	2.13%	1.90%
Sep-2016	2.11%	1.85%
Oct-2016	2.15%	1.84%
Nov-2016	2.21%	1.83%
Dec-2016	2.20%	1.81%
Jan-2017	2.24%	1.83%
Feb-2017	2.23%	1.81%
Mar-2017	2.22%	1.73%

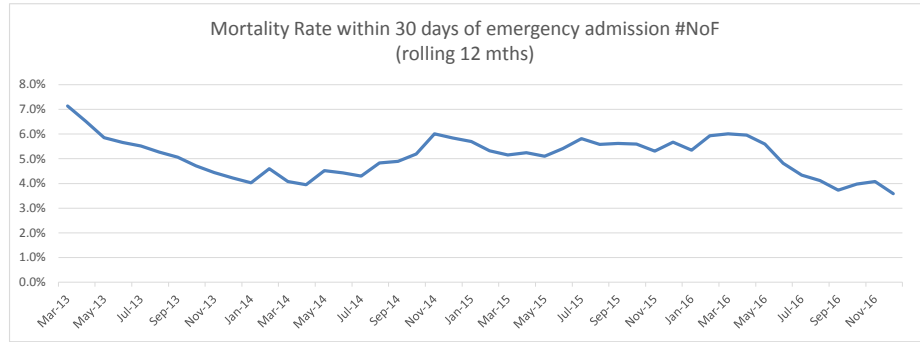
Source: CHKS (Cwm Taf)  
Run Date: 12 June 2017



**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
Mar-13	7.1%
Apr-13	6.5%
May-13	5.9%
Jun-13	5.7%
Jul-13	5.5%
Aug-13	5.3%
Sep-13	5.1%
Oct-13	4.7%
Nov-13	4.4%
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	4.3%
Aug-16	4.1%
Sep-16	3.7%
Oct-16	4.0%
Nov-16	4.1%
Dec-16	3.6%

**Source: CHKS 1 June 2017**

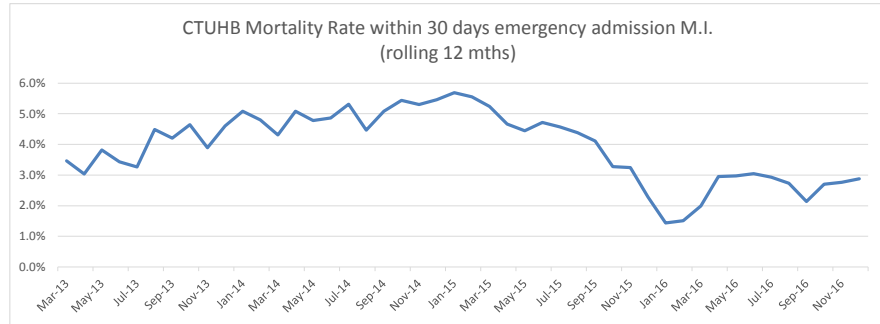




**Mortality Indicator Ref No 11 : Rate of deaths in hospital within 30 days of emergency admission with a heart attack (MI) aged 35 to 74**

Rolling 12 Month Period	Cwm Taf
Mar-13	3.5%
Apr-13	3.0%
May-13	3.8%
Jun-13	3.4%
Jul-13	3.3%
Aug-13	4.5%
Sep-13	4.2%
Oct-13	4.6%
Nov-13	3.9%
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	2.9%
Aug-16	2.7%
Sep-16	2.1%
Oct-16	2.7%
Nov-16	2.8%
Dec-16	2.9%

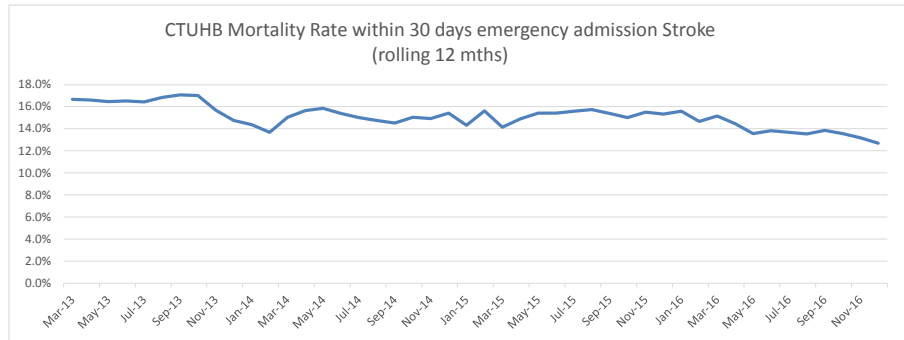
Source: CHKS 1 June 2017



**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
Mar-13	16.7%
Apr-13	16.6%
May-13	16.5%
Jun-13	16.5%
Jul-13	16.4%
Aug-13	16.8%
Sep-13	17.1%
Oct-13	17.0%
Nov-13	15.7%
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	13.8%
Jul-16	13.7%
Aug-16	13.5%
Sep-16	13.9%
Oct-16	13.6%
Nov-16	13.2%
Dec-16	12.7%

Source: CHKS 1 June 2017



**Mortality Indicator Ref No 14 : Rate of deaths in hospital within 30 days of elective surgery**

<b>Rolling 12 Month Period</b>	<b>Cwm Taf</b>
Mar-13	0.04%
Apr-13	0.04%
May-13	0.03%
Jun-13	0.04%
Jul-13	0.04%
Aug-13	0.04%
Sep-13	0.04%
Oct-13	0.03%
Nov-13	0.02%
Dec-13	0.02%
Jan-14	0.03%
Feb-14	0.03%
Mar-14	0.03%
Apr-14	0.05%
May-14	0.05%
Jun-14	0.05%
Jul-14	0.05%
Aug-14	0.05%
Sep-14	0.05%
Oct-14	0.05%
Nov-14	0.05%
Dec-14	0.05%
Jan-15	0.03%
Feb-15	0.03%
Mar-15	0.05%
Apr-15	0.02%
May-15	0.02%
Jun-15	0.02%
Jul-15	0.01%
Aug-15	0.01%
Sep-15	0.03%
Oct-15	0.03%
Nov-15	0.03%
Dec-15	0.04%
Jan-16	0.04%
Feb-16	0.04%
Mar-16	0.02%
Apr-16	0.03%
May-16	0.03%
Jun-16	0.04%
Jul-16	0.04%
Aug-16	0.05%
Sep-16	0.03%
Oct-16	0.04%
Nov-16	0.04%
Dec-16	0.03%

**Source: CHKS 1 June 2017**

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

<b>Rolling 12 Month Period</b>	<b>Cwm Taf</b>
Mar-13	1.60%
Apr-13	1.64%
May-13	1.68%
Jun-13	1.67%
Jul-13	1.70%
Aug-13	1.74%
Sep-13	1.75%
Oct-13	1.72%
Nov-13	1.79%
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	1.71%
Jul-16	1.72%
Aug-16	1.74%
Sep-16	1.65%
Oct-16	1.59%
Nov-16	1.51%
Dec-16	1.46%

**Source: CHKS 1 June 2017**

<b>Accident &amp; Emergency (Major Units) Crude Mortality Rates</b>		
<b>Deaths per 10,000 Attendances</b>		
<b>Rolling Annual Period</b>	<b>Prince Charles</b>	<b>Royal Glamorgan</b>
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

**Source: EDDS Data Mart**  
**Run Date: 23 May 2017**

<b>Mortality Indicator Ref No 17 : % Clinical Coding Completeness</b>	
<b>Rolling Annual Period</b>	<b>Cwm Taf</b>
	<b>%</b>
Apr-2013	99.5%
May-2013	99.5%
Jun-2013	99.5%
Jul-2013	99.4%
Aug-2013	99.4%
Sep-2013	99.4%
Oct-2013	99.4%
Nov-2013	99.4%
Dec-2013	99.3%
Jan-2014	99.3%
Feb-2014	99.4%
Mar-2014	99.4%
Apr-2014	99.4%
May-2014	99.5%
Jun-2014	99.5%
Jul-2014	99.5%
Aug-2014	99.6%
Sep-2014	99.6%
Oct-2014	99.6%
Nov-2014	99.6%
Dec-2014	99.6%
Jan-2015	99.6%
Feb-2015	99.6%
Mar-2015	99.5%
Apr-2015	99.5%
May-2015	99.5%
Jun-2015	99.5%
Jul-2015	99.5%
Aug-2015	99.5%
Sep-2015	99.4%
Oct-2015	99.4%
Nov-2015	99.3%
Dec-2015	99.2%
Jan-2016	99.3%
Feb-2016	99.3%
Mar-2016	99.3%
Apr-2016	99.2%
May-2016	99.0%
Jun-2016	97.5%
Jul-2016	95.8%
Aug-2016	93.5%
Sep-2016	92.8%
Oct-2016	91.5%
Nov-2016	89.9%
Dec-2016	88.1%
Jan-2017	85.5%
Feb-2017	82.5%
Mar-2017	75.8%

**Source: CHKS (Cwm Taf)**

**Run Date: 12 June 2017**

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

**Percentage of deaths by place of occurrence 2015**

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	22.2%	0.8%	17.7%	0.0%	4.3%	52.9%	0.3%	0.2%	1.6%
Powys Teaching	24.2%	2.5%	15.3%	0.0%	2.7%	51.5%	0.1%	0.5%	3.3%
Hywel Dda	27.1%	2.0%	18.2%	0.0%	1.2%	49.4%	0.0%	0.1%	2.1%
Abertawe Bro Morgannwg University	23.6%	1.3%	14.5%	0.0%	0.1%	57.1%	0.0%	1.1%	2.2%
Cwm Taf	22.4%	0.4%	9.8%	2.8%	0.0%	62.4%	0.0%	0.0%	2.1%
Aneurin Bevan	26.0%	0.9%	12.7%	0.0%	1.7%	56.3%	0.0%	0.1%	2.3%
Cardiff and Vale University	21.5%	0.5%	16.2%	0.0%	6.8%	52.8%	0.0%	0.1%	2.0%
<b>WALES</b>	<b>23.9%</b>	<b>1.1%</b>	<b>15.2%</b>	<b>0.3%</b>	<b>2.5%</b>	<b>54.6%</b>	<b>0.1%</b>	<b>0.3%</b>	<b>2.1%</b>

**Number of deaths by place of occurrence 2015**

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	1,762	63	1,401	1	340	4,193	23	12	130	7,925
Powys Teaching	382	40	242	0	42	813	1	8	52	1,580
Hywel Dda	1,236	89	828	0	54	2,251	0	5	95	4,558
Abertawe Bro Morgannwg University	1,371	77	842	1	6	3,312	1	61	128	5,799
Cwm Taf	715	14	313	90	0	1,989	0	1	66	3,188
Aneurin Bevan	1,573	52	765	1	102	3,402	0	6	140	6,041
Cardiff and Vale University	884	22	664	1	280	2,169	0	4	83	4,107
<b>WALES</b>	<b>7,923</b>	<b>357</b>	<b>5,055</b>	<b>94</b>	<b>824</b>	<b>18,129</b>	<b>25</b>	<b>97</b>	<b>694</b>	<b>33,198</b>

**Source: ONS**

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

**Next Update: Oct to Nov 2017 Provisional**

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

**Welsh Index of Multiple Deprivation (WIMD) 2014**

<b>UA Area</b>	<b>Number of LSOAs</b>	<b>% of LSOAs in most deprived 10%</b>	<b>% of LSOAs in most deprived 20%</b>	<b>% of LSOAs in most deprived 30%</b>	<b>% of LSOAs in most deprived 50%</b>
Isle of Anglesey	44	2	16	18	45
Gwynedd	73	4	4	5	34
Conwy	71	6	13	24	42
Denbighshire	58	14	17	21	47
Flintshire	92	2	12	20	35
Wrexham	85	6	13	28	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	24	28	47
Neath Port Talbot	91	13	30	41	67
Bridgend	88	10	23	42	57
The Vale of Glamorgan	79	5	15	19	37
Rhondda Cynon Taf	154	18	31	47	72
Merthyr Tydfil	36	22	31	61	81
Caerphilly	110	13	28	39	68
Blaenau Gwent	47	23	47	68	85
Torfaen	60	5	25	38	57
Monmouthshire	56	0	0	7	23
Newport	95	15	31	39	57
Cardiff	214	17	27	36	46
<b>Wales</b>	<b>1909</b>	<b>10%</b>	<b>20%</b>	<b>30%</b>	<b>50%</b>

**Source: StatsWales**

**Next Update: Provisional 2017**

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