

## Mortality Indicators - December 2021

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	Public Health Wales/ONS	Unitary Authority	<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	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14	2013-15	2014-16	2015-17	2016-18	2017-19	2018-20
Isle of Anglesey	77.1	76.9	77.0	76.9	77.3	78.0	78.5	78.6	78.6	78.8	78.8	79.1	79.0	79.6	79.3
Gwynedd	76.8	77.1	77.4	77.4	77.6	78.2	78.7	79.5	79.8	79.6	79.2	79.0	79.2	79.5	79.5
Conwy	76.5	76.9	77.0	77.2	77.9	78.1	78.8	78.9	79.0	78.9	78.8	79.3	78.8	78.8	78.4
Denbighshire	76.5	77.0	77.3	77.5	77.6	78.1	78.3	78.2	77.8	78.0	77.5	77.8	78.0	78.8	78.3
Flintshire	76.6	77.3	77.5	78.0	78.2	78.8	78.9	79.0	78.8	79.0	79.2	79.3	79.3	79.5	79.2
Wrexham	76.8	77.1	77.1	77.3	77.5	78.1	78.2	78.5	78.4	78.4	78.5	78.4	78.2	78.3	78.3
Powys	78.1	78.4	79.0	79.1	79.4	79.4	79.8	80.2	80.5	80.3	79.9	79.6	79.8	80.0	80.1
Ceredigion	78.2	79.1	79.9	79.6	79.8	79.6	79.7	79.6	80.3	79.9	80.0	79.5	79.5	79.3	78.9
Pembrokeshire	76.5	76.7	77.2	77.5	78.1	78.7	79.3	79.2	79.6	79.2	79.3	78.9	79.3	79.2	79.5
Carmarthenshire	75.8	76.2	76.5	77.3	77.6	78.2	78.4	78.5	78.8	78.6	78.6	78.0	77.8	78.3	78.4
Swansea	76.3	76.3	76.9	76.7	77.1	77.0	77.5	77.5	77.9	78.0	77.8	77.3	77.3	77.7	77.5
Neath Port Talbot	76.0	76.3	76.2	76.1	76.4	76.5	76.6	76.5	77.2	77.4	77.5	77.0	76.7	77.1	76.9
Bridgend	76.0	75.8	76.0	76.3	76.8	76.8	76.9	77.1	77.2	77.2	77.5	77.9	77.7	77.5	77.0
The Vale of Glamorgan	77.7	77.7	77.7	78.0	78.7	79.3	79.5	79.7	79.5	79.2	78.9	78.9	79.3	79.6	79.6
Cardiff	76.5	76.4	76.5	76.9	77.6	78.0	78.1	78.1	78.2	78.3	78.4	78.5	78.2	78.4	78.0
Rhondda, Cynon, Taff	75.6	74.9	75.3	75.3	76.0	75.8	76.3	76.5	76.9	76.9	77.2	77.5	77.5	77.5	77.0
Merthyr Tydfil	75.4	75.5	74.9	74.8	75.6	76.3	77.4	76.8	77.1	76.6	76.9	77.2	77.4	76.8	76.3
Caerphilly	75.6	75.8	75.6	76.2	76.8	77.4	77.5	77.6	77.9	77.8	77.9	77.8	77.8	77.8	77.4
Blaenau Gwent	74.7	75.2	75.2	75.6	75.8	75.9	75.7	75.5	76.2	76.5	76.6	76.2	76.3	76.5	76.3
Torfaen	77.2	77.0	76.8	76.5	77.2	77.6	77.5	77.6	77.9	78.2	78.0	77.6	77.8	78.2	78.1
Monmouthshire	78.7	78.7	78.7	79.5	80.3	80.3	80.0	79.8	80.6	80.7	80.8	80.3	80.8	81.5	81.6
Newport	76.6	77.0	76.9	76.7	76.8	77.6	77.8	77.9	78.1	78.1	78.2	77.8	77.6	77.9	77.5
<b>Wales</b>	<b>76.6</b>	<b>76.7</b>	<b>76.9</b>	<b>77.1</b>	<b>77.5</b>	<b>77.8</b>	<b>78.1</b>	<b>78.2</b>	<b>78.4</b>	<b>78.4</b>	<b>78.4</b>	<b>78.3</b>	<b>78.3</b>	<b>78.5</b>	<b>78.3</b>

Females															
UA Area	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14	2013-15	2014-16	2015-17	2016-18	2017-19	2018-20
Isle of Anglesey	82.2	82.2	82.7	82.1	81.9	82.2	82.9	83.0	82.9	82.6	82.6	82.9	83.2	83.3	82.9
Gwynedd	81.6	82.0	82.0	82.1	82.1	83.0	82.9	83.6	83.3	83.7	83.6	83.4	83.3	83.0	83.1
Conwy	81.5	81.4	81.5	81.7	81.8	82.2	82.5	82.8	82.7	82.6	83.0	82.8	82.8	82.4	83.1
Denbighshire	80.6	80.8	81.1	80.5	80.4	80.9	81.2	81.2	81.4	81.8	82.0	81.8	81.5	81.1	81.1
Flintshire	81.1	81.3	81.6	81.8	81.9	82.3	82.3	82.3	82.5	82.4	82.6	82.4	82.6	82.7	82.2
Wrexham	80.4	80.5	80.7	80.8	81.1	81.6	81.9	82.0	81.8	81.6	81.6	81.4	81.3	81.4	81.3
Powys	81.7	82.1	82.6	83.0	83.1	83.3	83.4	83.5	83.6	83.5	84.1	84.2	84.0	83.7	83.4
Ceredigion	82.6	83.6	83.6	83.5	83.2	83.3	83.7	83.8	83.9	83.7	84.0	84.2	84.2	84.1	83.7
Pembrokeshire	81.5	81.7	81.8	82.2	82.2	82.5	82.4	82.7	83.1	83.2	83.5	83.3	83.3	83.0	83.1
Carmarthenshire	81.1	81.3	81.2	81.2	81.6	82.1	82.5	82.5	82.5	82.3	82.2	82.2	82.3	82.4	82.3
Swansea	81.0	80.9	81.0	81.5	82.0	82.2	82.1	82.0	82.4	82.5	82.2	82.1	82.2	82.5	81.8
Neath Port Talbot	80.2	80.6	80.3	80.6	80.8	80.9	81.2	81.0	81.2	81.1	81.1	80.9	81.0	81.3	80.9
Bridgend	80.2	80.1	80.1	81.0	81.3	81.2	80.6	81.0	81.7	81.8	81.8	81.2	81.1	81.1	81.2
The Vale of Glamorgan	81.2	81.7	82.3	82.5	82.6	83.1	83.1	83.2	83.2	83.2	83.5	83.4	83.4	83.4	83.3
Cardiff	81.2	81.4	81.5	81.6	81.7	82.1	82.4	82.8	82.8	82.6	82.7	82.7	82.9	83.0	82.8
Rhondda, Cynon, Taff	79.9	79.8	79.8	79.8	80.2	80.7	80.9	80.8	80.9	80.6	80.9	81.0	81.1	81.0	80.5
Merthyr Tydfil	79.1	79.4	79.5	79.3	80.2	80.7	81.0	80.8	80.5	80.5	80.6	80.6	80.6	80.7	80.2
Caerphilly	79.8	80.2	80.7	80.9	81.2	81.6	81.4	81.5	81.4	81.2	81.3	81.2	81.3	81.4	81.1
Blaenau Gwent	78.6	78.5	78.6	78.9	79.5	79.8	79.9	80.1	80.4	80.6	80.6	80.6	80.6	80.4	80.0
Torfaen	81.1	80.8	80.7	80.7	81.4	82.2	82.1	81.7	81.6	82.0	82.4	82.2	82.0	81.9	81.3
Monmouthshire	83.1	83.5	83.2	83.2	83.6	83.6	83.7	84.0	83.9	84.1	83.9	84.0	84.2	84.5	84.6
Newport	80.4	80.4	80.9	81.3	81.8	82.0	82.0	82.2	82.4	82.3	81.9	81.8	81.9	82.3	81.6
<b>Wales</b>	<b>80.9</b>	<b>81.1</b>	<b>81.2</b>	<b>81.4</b>	<b>81.6</b>	<b>82.0</b>	<b>82.1</b>	<b>82.2</b>	<b>82.3</b>	<b>82.3</b>	<b>82.3</b>	<b>82.2</b>	<b>82.3</b>	<b>82.3</b>	<b>82.1</b>

Source: Office for National Statistics

[Life expectancy estimates, all ages, UK - Office for National Statistics \(ons.gov.uk\)](https://ons.gov.uk)

Next Update: to be confirmed

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), 2020 registrations**

UA Area	Number of Deaths			Age-standardised mortality rate <sup>1</sup>		
	Persons	Males	Females	Persons	Males	Females
<b>WALES</b>	<b>37,399.0</b>	<b>18,830.0</b>	<b>18,569.0</b>	<b>1114.6</b>	<b>1297.3</b>	<b>963.5</b>
Isle of Anglesey	877.0	435.0	442.0	952.3	1130.8	828.3
Gwynedd	1,428.0	723.0	705.0	963.2	1130.8	811.9
Conwy	1,587.0	832.0	755.0	918.2	1137.0	736.0
Denbighshire	1,338.0	680.0	658.0	1238.0	1343.2	1127.8
Flintshire	1,765.0	882.0	883.0	1103.4	1239.9	984.2
Wrexham	1,590.0	811.0	779.0	1147.9	1268.0	1031.8
Powys	1,725.0	869.0	856.0	947.7	1119.9	816.8
Ceredigion	877.0	451.0	426.0	942.6	1117.2	787.8
Pembrokeshire	1,559.0	785.0	774.0	939.1	1072.3	825.6
Carmarthenshire	2,404.0	1,239.0	1,165.0	1061.7	1254.0	909.1
Swansea	3,009.0	1,492.0	1,517.0	1197.9	1433.7	1021.5
Neath Port Talbot	1,902.0	952.0	950.0	1286.9	1538.8	1098.8
Bridgend	1,878.0	946.0	932.0	1277.6	1458.9	1120.4
Vale of Glamorgan	1,419.0	713.0	706.0	994.9	1218.3	836.5
Cardiff	3,142.0	1,582.0	1,560.0	1102.2	1350.7	916.3
Rhondda, Cynon, Taff	3,104.0	1,543.0	1,561.0	1362.5	1539.5	1203.4
Merthyr Tydfil	773.0	398.0	375.0	1386.2	1603.5	1208.2
Caerphilly	2,122.0	1,066.0	1,056.0	1234.7	1425.2	1086.0
Blaenau Gwent	978.0	476.0	502.0	1407.6	1520.2	1292.1
Torfaen	1,165.0	569.0	596.0	1175.4	1334.0	1044.6
Monmouthshire	1,058.0	539.0	519.0	849.9	1008.7	722.4
Newport	1,699.0	847.0	852.0	1240.8	1426.1	1084.6

<sup>1</sup> The age-standardised mortality rates 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**

[Deaths registered in England and Wales - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk)

**Next Update: to be announced**

**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, 2017-2019**

Area of usual residence	Avoidable		Treatable		Preventable	
	Deaths (annual average)	EASR	Deaths (annual average)	EASR	Deaths (annual average)	EASR
<b>WALES</b>	<b>7,790.3</b>	<b>263.0</b>	<b>2,876.8</b>	<b>96.7</b>	<b>4,913.5</b>	<b>166.3</b>
Isle of Anglesey	192.7	256.0	68.7	90.7	124.0	165.3
Gwynedd	293.3	244.8	112.0	93.2	181.3	151.6
Conwy	335.3	265.2	126.2	98.5	209.2	166.7
Denbighshire	270.0	270.8	105.0	104.1	165.0	166.7
Flintshire	352.7	232.5	124.7	81.6	228.0	150.9
Wrexham	347.0	273.8	129.5	101.7	217.5	172.1
Powys	317.0	214.5	119.3	78.3	197.7	136.2
Ceredigion	174.0	235.0	64.3	85.7	109.7	149.3
Pembrokeshire	320.3	241.2	122.0	89.5	198.3	151.7
Carmarthenshire	495.3	257.4	181.0	92.5	314.3	164.9
Swansea	595.7	275.7	203.3	93.7	392.3	182.0
Neath Port Talbot	430.3	311.3	152.0	109.4	278.3	201.9
Bridgend	390.3	285.0	143.2	103.8	247.2	181.2
The Vale of Glamorgan	281.3	220.5	107.0	83.9	174.3	136.7
Cardiff	681.7	262.9	249.7	97.0	432.0	165.9
Rhondda, Cynon, Taff	659.3	301.4	233.7	106.5	425.7	195.0
Merthyr Tydfil	178.7	329.6	65.5	120.7	113.2	208.9
Caerphilly	479.0	285.1	183.3	109.0	295.7	176.0
Blaenau Gwent	208.3	315.7	78.2	117.7	130.2	198.0
Torfaen	243.0	277.4	92.3	105.3	150.7	172.1
Monmouthshire	181.7	179.8	70.8	69.4	110.8	110.5
Newport	363.3	284.4	145.2	113.2	218.2	171.1

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

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

**treatable mortality** - deaths that can be mainly avoided through timely and effective healthcare interventions, including secondary prevention and treatment

**preventable mortality** - deaths that can mainly be avoided through effective public health and primary prevention interventions

Deaths (annual averages) based on 2017-19 deaths divided by 3

**Source: Office for National Statistics**

<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/causesofdeath/datasets/avoidablemortalitybylocalauthorityinenglandandwales>

**Next Update: to be announced**

Mortality Indicator Ref No 4: Excess Winter Mortality Index (EWMI)											
Area Name	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2018-20
<b>Wales</b>	<b>17.3</b>	<b>20.4</b>	<b>12.7</b>	<b>18.0</b>	<b>10.2</b>	<b>24.9</b>	<b>17.4</b>	<b>17.6</b>	<b>32.3</b>	<b>13.3</b>	<b>10.0</b>
Isle of Anglesey	28.2	35.5	:	14.1	16.7	28.2	9.0	:	46.1	14.0	6.9
Gwynedd	14.6	11.3	23.1	24.0	6.2	35.1	17.5	6.5	41.8	10.6	10.5
Conwy	23.6	15.1	5.3	15.6	3.5	20.0	28.3	19.8	42.3	:	4.4
Denbighshire	18.8	20.0	15.9	13.2	21.8	18.2	21.7	15.2	58.3	13.7	11.4
Flintshire	25.7	21.3	15.2	27.5	14.8	24.4	15.4	17.9	26.1	10.6	7.4
Wrexham	16.5	32.6	11.9	27.3	18.3	27.8	11.7	12.2	29.3	20.8	6.3
Powys	13.7	11.8	14.7	19.4	9.2	19.9	6.4	33.9	29.8	16.8	4.0
Ceredigion	13.8	19.5	:	19.4	6.9	13.8	20.9	17.7	19.0	20.6	33.1
Pembrokeshire	19.4	20.5	6.1	25.7	3.7	32.1	15.4	31.0	20.8	10.6	13.1
Carmarthenshire	16.2	20.6	4.3	14.2	9.2	24.7	15.9	15.3	40.3	8.7	21.9
Swansea	21.3	13.7	12.5	14.7	12.6	27.8	18.8	21.1	25.8	11.3	12.5
Neath Port Talbot	22.8	32.7	7.5	18.5	1.6	20.6	24.4	9.7	34.5	6.5	16.4
Bridgend	19.4	36.6	24.4	11.5	14.8	34.0	15.8	14.2	15.3	21.4	12.5
The Vale of Glamorgan	14.0	7.3	16.3	17.4	3.0	31.1	23.5	17.0	19.2	25.4	8.5
Cardiff	16.0	25.0	18.9	14.9	8.6	18.5	19.0	21.4	32.9	12.8	:
Rhondda Cynon Taf	11.5	12.3	10.0	17.5	4.5	20.8	16.0	11.9	35.8	19.4	7.2
Merthyr Tydfil	:	14.8	19.8	33.2	2.7	24.2	15.9	22.2	30.2	9.1	:
Caerphilly	23.2	29.2	12.3	15.9	20.8	27.6	24.6	26.7	28.7	10.7	18.2
Blaenau Gwent	17.0	21.5	12.1	11.2	25.5	11.7	11.2	10.2	36.8	10.2	21.1
Torfaen	18.7	21.7	16.3	19.1	:	39.8	14.9	25.7	37.3	19.7	13.6
Monmouthshire	20.0	18.6	9.2	33.4	16.0	24.1	8.5	11.6	36.2	24.0	8.6
Newport	2.1	15.0	30.7	9.4	12.1	27.3	18.5	18.5	35.6	6.5	8.3

**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 2020/21 Unitary Authority data not available from ONS**

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

**Next Update: to be confirmed**

**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, 2020

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>28,638</b>	<b>127</b>	<b>190</b>	<b>86</b>	<b>35</b>	<b>121</b>	<b>6.6</b>	<b>3.0</b>	<b>1.2</b>	<b>4.2</b>
Aneurin Bevan	5,766	18	34	22	5	27	5.9	3.8 <i>u</i>	0.9 <i>u</i>	4.7
Betsi Cadwaladr	6,177	34	43	15	9	24	6.9	2.4 <i>u</i>	1.5 <i>u</i>	3.9
Cardiff and Vale	4,912	19	30	12	6	18	6.1	2.4	1.2 <i>u</i>	3.7 <i>u</i>
Cwm Taf Morgannwg	4,287	23	32	13	2	15	7.4	3.0 <i>u</i>	:	3.5 <i>u</i>
Hywel Dda	3,184	8	16	12	5	17	5.0 <i>u</i>	3.8 <i>u</i>	1.6 <i>u</i>	5.3 <i>u</i>
Powys Teaching	1,022	2	4	2	1	3	3.9 <i>u</i>	:	:	2.9 <i>u</i>
Swansea Bay	3,290	23	31	10	7	17	9.4	3.0	2.1 <i>u</i>	5.2 <i>u</i>

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 and ':' denotes data not available

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

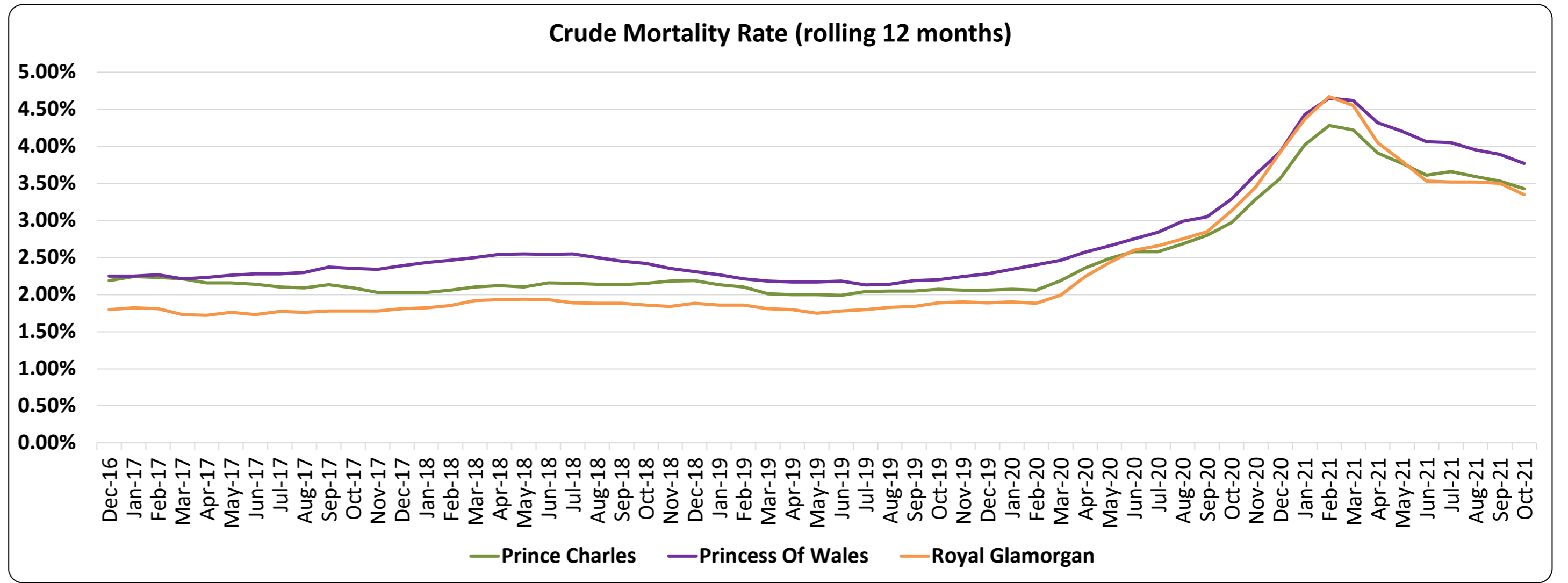
Source: Office for National Statistics

[Deaths registered in England and Wales – infant mortality update - Office for National Statistics \(ons.gov.uk\)](#)

Next Update: to be announced

<b>Mortality Indicator Ref No 9 : Crude In-hospital Mortality Rate</b>			
<b>Rolling Annual Period</b>	<b>Prince Charles</b>	<b>Princess Of Wales</b>	<b>Royal Glamorgan</b>
	<b>%</b>	<b>%</b>	<b>%</b>
Dec-16	2.19%	2.25%	1.80%
Jan-17	2.24%	2.25%	1.82%
Feb-17	2.23%	2.27%	1.81%
Mar-17	2.21%	2.21%	1.73%
Apr-17	2.16%	2.23%	1.72%
May-17	2.16%	2.26%	1.76%
Jun-17	2.14%	2.28%	1.73%
Jul-17	2.10%	2.28%	1.77%
Aug-17	2.09%	2.30%	1.76%
Sep-17	2.13%	2.37%	1.78%
Oct-17	2.09%	2.35%	1.78%
Nov-17	2.03%	2.34%	1.78%
Dec-17	2.03%	2.39%	1.81%
Jan-18	2.03%	2.43%	1.82%
Feb-18	2.06%	2.46%	1.85%
Mar-18	2.10%	2.50%	1.92%
Apr-18	2.12%	2.54%	1.93%
May-18	2.10%	2.55%	1.94%
Jun-18	2.16%	2.54%	1.93%
Jul-18	2.15%	2.55%	1.89%
Aug-18	2.14%	2.50%	1.88%
Sep-18	2.13%	2.45%	1.88%
Oct-18	2.15%	2.42%	1.86%
Nov-18	2.18%	2.35%	1.84%
Dec-18	2.19%	2.31%	1.88%
Jan-19	2.13%	2.27%	1.86%
Feb-19	2.10%	2.21%	1.86%
Mar-19	2.01%	2.18%	1.81%
Apr-19	2.00%	2.17%	1.80%
May-19	2.00%	2.17%	1.75%
Jun-19	1.99%	2.18%	1.78%
Jul-19	2.04%	2.13%	1.80%
Aug-19	2.05%	2.14%	1.83%
Sep-19	2.05%	2.19%	1.84%
Oct-19	2.07%	2.20%	1.89%
Nov-19	2.06%	2.24%	1.90%
Dec-19	2.06%	2.28%	1.89%
Jan-20	2.07%	2.34%	1.90%
Feb-20	2.06%	2.40%	1.88%
Mar-20	2.19%	2.46%	1.99%
Apr-20	2.36%	2.57%	2.24%
May-20	2.49%	2.66%	2.43%
Jun-20	2.58%	2.75%	2.60%
Jul-20	2.58%	2.84%	2.66%
Aug-20	2.68%	2.99%	2.75%
Sep-20	2.80%	3.05%	2.85%
Oct-20	2.97%	3.29%	3.13%
Nov-20	3.29%	3.62%	3.45%
Dec-20	3.57%	3.93%	3.92%
Jan-21	4.02%	4.43%	4.37%
Feb-21	4.28%	4.65%	4.67%
Mar-21	4.22%	4.62%	4.55%
Apr-21	3.91%	4.32%	4.05%
May-21	3.77%	4.20%	3.80%
Jun-21	3.61%	4.06%	3.53%
Jul-21	3.66%	4.05%	3.52%
Aug-21	3.59%	3.95%	3.52%
Sep-21	3.53%	3.89%	3.50%
Oct-21	3.43%	3.77%	3.35%

Source: CHKS (Cwm Taf Morgannwg)  
Run Date: 6th Dec 2021

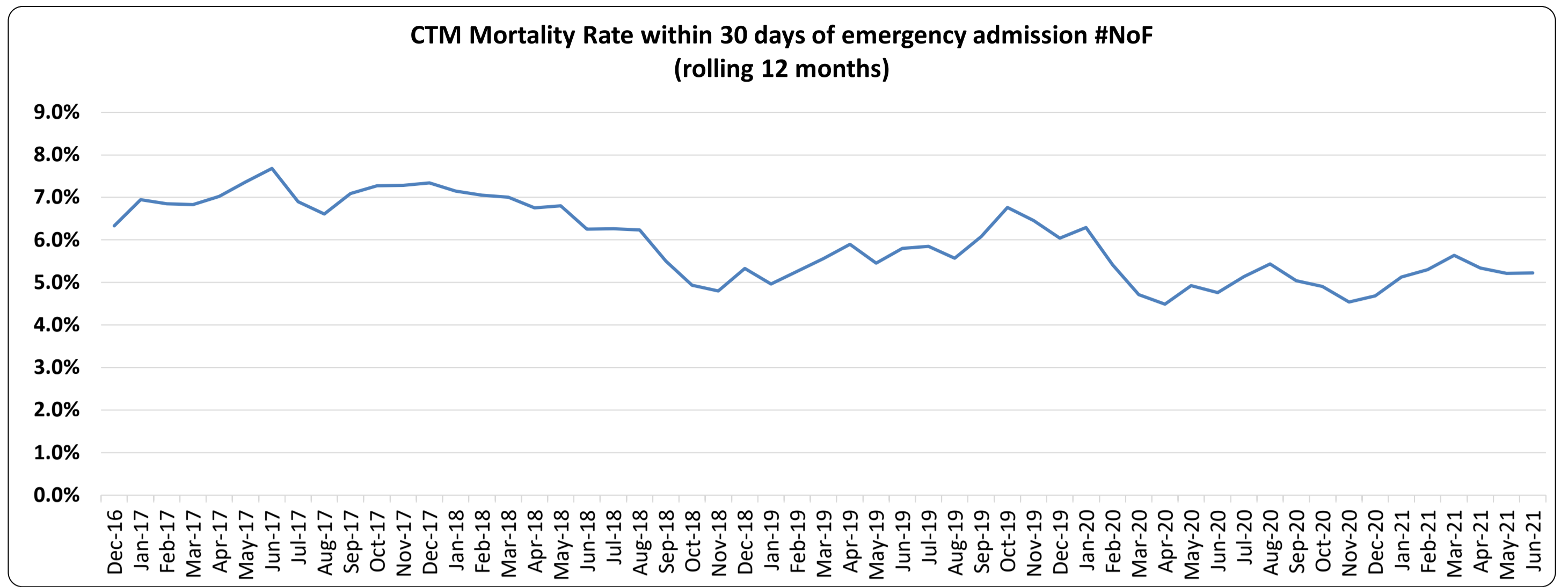


— Prince Charles — Princess Of Wales — Royal Glamorgan

**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 Morgannwg
Dec-16	6.3%
Jan-17	6.9%
Feb-17	6.8%
Mar-17	6.8%
Apr-17	7.0%
May-17	7.4%
Jun-17	7.7%
Jul-17	6.9%
Aug-17	6.6%
Sep-17	7.1%
Oct-17	7.3%
Nov-17	7.3%
Dec-17	7.3%
Jan-18	7.2%
Feb-18	7.1%
Mar-18	7.0%
Apr-18	6.8%
May-18	6.8%
Jun-18	6.3%
Jul-18	6.3%
Aug-18	6.2%
Sep-18	5.5%
Oct-18	4.9%
Nov-18	4.8%
Dec-18	5.3%
Jan-19	5.0%
Feb-19	5.3%
Mar-19	5.6%
Apr-19	5.9%
May-19	5.5%
Jun-19	5.8%
Jul-19	5.9%
Aug-19	5.6%
Sep-19	6.1%
Oct-19	6.8%
Nov-19	6.5%
Dec-19	6.0%
Jan-20	6.3%
Feb-20	5.4%
Mar-20	4.7%
Apr-20	4.5%
May-20	4.9%
Jun-20	4.8%
Jul-20	5.1%
Aug-20	5.4%
Sep-20	5.0%
Oct-20	4.9%
Nov-20	4.5%
Dec-20	4.7%
Jan-21	5.1%
Feb-21	5.3%
Mar-21	5.6%
Apr-21	5.3%
May-21	5.2%
Jun-21	5.2%

**Source: CHKS**  
**Run Date: 2nd Dec 2021**



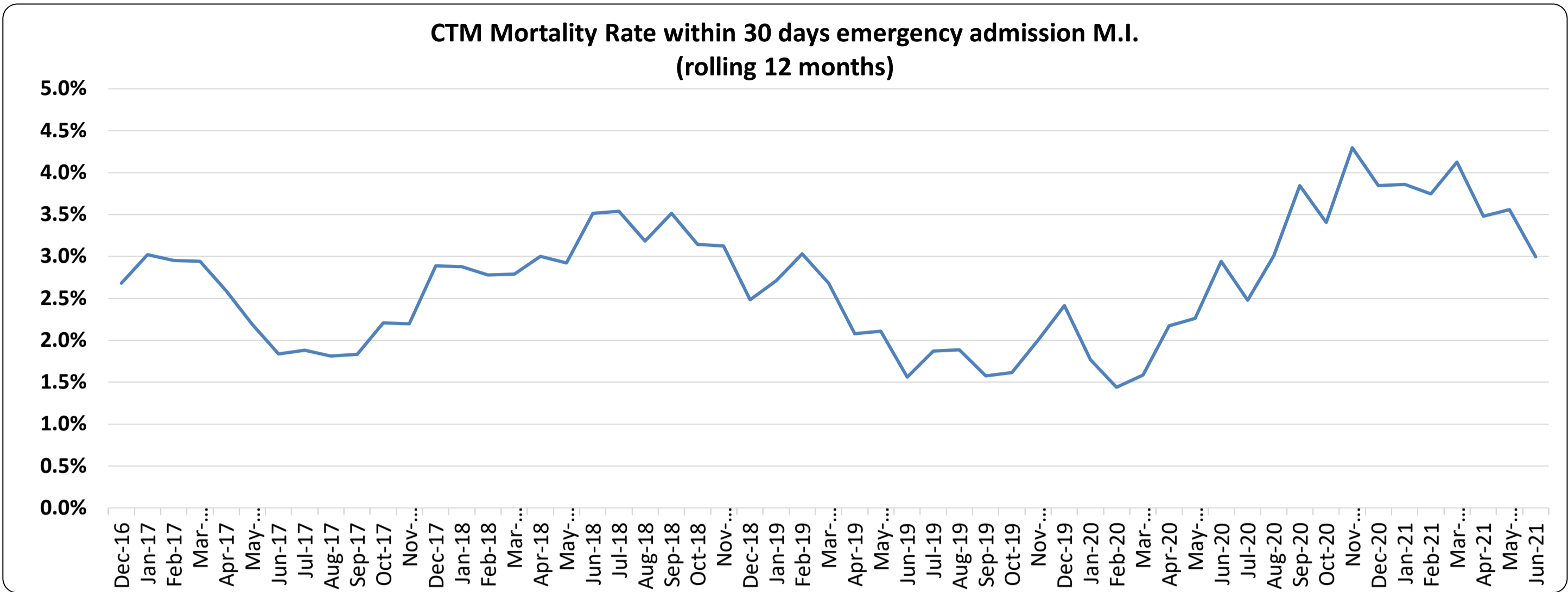


**Mortality Indicator Ref No 11 : Rate of deaths in hospital within 30 days of emergency admission with a heart attack (MI) aged 35 to 74**

Rolling 12 Month Period	Cwm Taf Morgannwg
Dec-16	2.7%
Jan-17	3.0%
Feb-17	3.0%
Mar-17	2.9%
Apr-17	2.6%
May-17	2.2%
Jun-17	1.8%
Jul-17	1.9%
Aug-17	1.8%
Sep-17	1.8%
Oct-17	2.2%
Nov-17	2.2%
Dec-17	2.9%
Jan-18	2.9%
Feb-18	2.8%
Mar-18	2.8%
Apr-18	3.0%
May-18	2.9%
Jun-18	3.5%
Jul-18	3.5%
Aug-18	3.2%
Sep-18	3.5%
Oct-18	3.1%
Nov-18	3.1%
Dec-18	2.5%
Jan-19	2.7%
Feb-19	3.0%
Mar-19	2.7%
Apr-19	2.1%
May-19	2.1%
Jun-19	1.6%
Jul-19	1.9%
Aug-19	1.9%
Sep-19	1.6%
Oct-19	1.6%
Nov-19	2.0%
Dec-19	2.4%
Jan-20	1.8%
Feb-20	1.4%
Mar-20	1.6%
Apr-20	2.2%
May-20	2.3%
Jun-20	2.9%
Jul-20	2.5%
Aug-20	3.0%
Sep-20	3.8%
Oct-20	3.4%
Nov-20	4.3%
Dec-20	3.8%
Jan-21	3.9%
Feb-21	3.7%
Mar-21	4.1%
Apr-21	3.5%
May-21	3.6%
Jun-21	3.0%

Source: CHKS

Run Date: 2nd Dec 2021



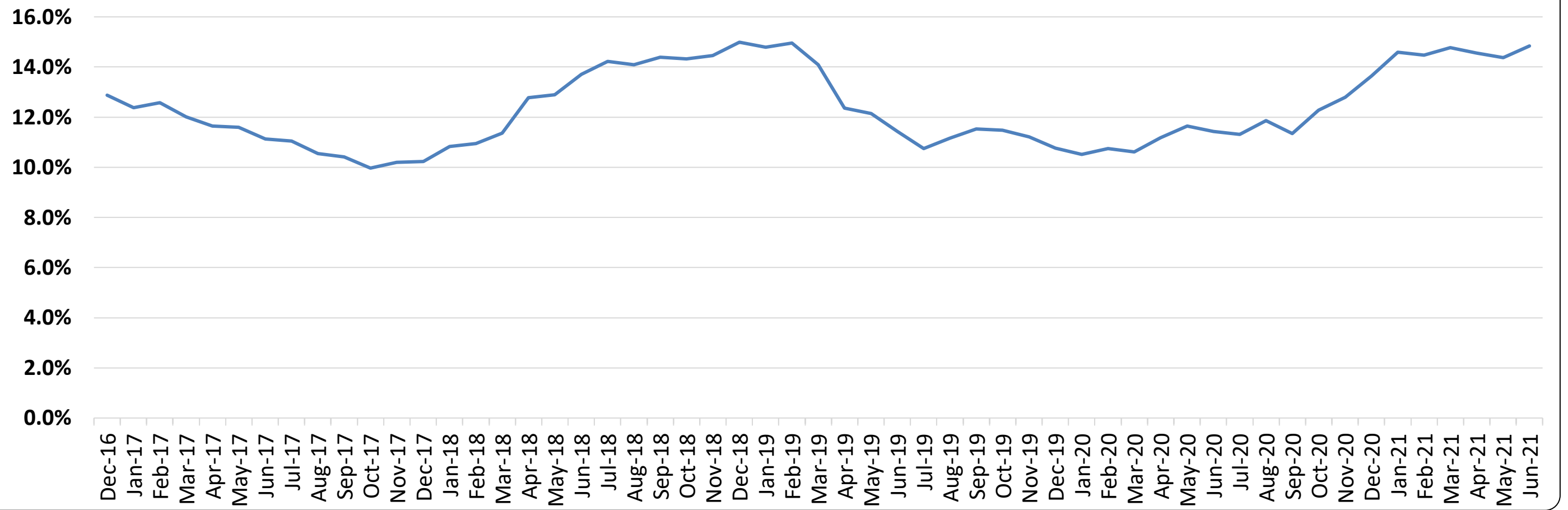
**Mortality Indicator Ref No 12 : Rate of deaths in hospital within 30 days of emergency admission for a stroke**

Rolling 12 Month Period	Cwm Taf Morgannwg
Dec-16	12.9%
Jan-17	12.4%
Feb-17	12.6%
Mar-17	12.0%
Apr-17	11.6%
May-17	11.6%
Jun-17	11.1%
Jul-17	11.0%
Aug-17	10.5%
Sep-17	10.4%
Oct-17	10.0%
Nov-17	10.2%
Dec-17	10.2%
Jan-18	10.8%
Feb-18	10.9%
Mar-18	11.4%
Apr-18	12.8%
May-18	12.9%
Jun-18	13.7%
Jul-18	14.2%
Aug-18	14.1%
Sep-18	14.4%
Oct-18	14.3%
Nov-18	14.5%
Dec-18	15.0%
Jan-19	14.8%
Feb-19	15.0%
Mar-19	14.1%
Apr-19	12.4%
May-19	12.1%
Jun-19	11.4%
Jul-19	10.7%
Aug-19	11.2%
Sep-19	11.5%
Oct-19	11.5%
Nov-19	11.2%
Dec-19	10.8%
Jan-20	10.5%
Feb-20	10.7%
Mar-20	10.6%
Apr-20	11.2%
May-20	11.6%
Jun-20	11.4%
Jul-20	11.3%
Aug-20	11.9%
Sep-20	11.3%
Oct-20	12.3%
Nov-20	12.8%
Dec-20	13.6%
Jan-21	14.6%
Feb-21	14.5%
Mar-21	14.8%
Apr-21	14.6%
May-21	14.4%
Jun-21	14.8%

Source: CHKS

Run Date: 2nd Dec 2021

**CTM Mortality Rate within 30 days emergency admission Stroke (rolling 12 months)**



**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 Morgannwg</b>
Dec-16	0.11%
Jan-17	0.11%
Feb-17	0.12%
Mar-17	0.12%
Apr-17	0.11%
May-17	0.11%
Jun-17	0.10%
Jul-17	0.10%
Aug-17	0.11%
Sep-17	0.12%
Oct-17	0.09%
Nov-17	0.06%
Dec-17	0.05%
Jan-18	0.06%
Feb-18	0.05%
Mar-18	0.05%
Apr-18	0.05%
May-18	0.05%
Jun-18	0.06%
Jul-18	0.05%
Aug-18	0.04%
Sep-18	0.03%
Oct-18	0.03%
Nov-18	0.03%
Dec-18	0.03%
Jan-19	0.01%
Feb-19	0.01%
Mar-19	0.01%
Apr-19	0.01%
May-19	0.01%
Jun-19	0.00%
Jul-19	0.03%
Aug-19	0.03%
Sep-19	0.03%
Oct-19	0.03%
Nov-19	0.03%
Dec-19	0.03%
Jan-20	0.03%
Feb-20	0.04%
Mar-20	0.05%
Apr-20	0.05%
May-20	0.08%
Jun-20	0.09%
Jul-20	0.05%
Aug-20	0.05%
Sep-20	0.06%
Oct-20	0.07%
Nov-20	0.08%
Dec-20	0.09%
Jan-21	0.11%
Feb-21	0.07%
Mar-21	0.07%
Apr-21	0.06%
May-21	0.05%
Jun-21	0.05%

**Source: CHKS**

**Run Date: 2nd Dec 2021**

**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 Morgannwg</b>
Dec-16	1.57%
Jan-17	1.44%
Feb-17	1.47%
Mar-17	1.40%
Apr-17	1.37%
May-17	1.40%
Jun-17	1.37%
Jul-17	1.28%
Aug-17	1.22%
Sep-17	1.25%
Oct-17	1.28%
Nov-17	1.30%
Dec-17	1.35%
Jan-18	1.39%
Feb-18	1.39%
Mar-18	1.36%
Apr-18	1.35%
May-18	1.34%
Jun-18	1.34%
Jul-18	1.33%
Aug-18	1.33%
Sep-18	1.27%
Oct-18	1.21%
Nov-18	1.14%
Dec-18	1.13%
Jan-19	1.16%
Feb-19	1.15%
Mar-19	1.21%
Apr-19	1.24%
May-19	1.28%
Jun-19	1.28%
Jul-19	1.33%
Aug-19	1.35%
Sep-19	1.32%
Oct-19	1.39%
Nov-19	1.40%
Dec-19	1.38%
Jan-20	1.36%
Feb-20	1.30%
Mar-20	1.21%
Apr-20	1.18%
May-20	1.17%
Jun-20	1.19%
Jul-20	1.15%
Aug-20	1.14%
Sep-20	1.20%
Oct-20	1.16%
Nov-20	1.19%
Dec-20	1.30%
Jan-21	1.29%
Feb-21	1.37%
Mar-21	1.46%
Apr-21	1.34%
May-21	1.27%
Jun-21	1.26%

**Source: CHKS**

**Run Date: 2nd Dec 2021**

Accident & Emergency (Major Units) Crude Mortality Rates			
Deaths per 10,000 Attendances			
Rolling Annual Period	Prince Charles	Princess Of Wales	Royal Glamorgan
Apr-2012	32.1	14.1	13.1
May-2012	30.7	14.8	13.5
Jun-2012	30.0	16.0	13.5
Jul-2012	28.9	15.6	13.9
Aug-2012	27.8	15.0	14.1
Sep-2012	28.0	14.8	14.3
Oct-2012	26.2	16.2	15.4
Nov-2012	25.2	17.4	16.2
Dec-2012	23.1	17.8	16.5
Jan-2013	22.0	18.6	17.1
Feb-2013	21.0	17.6	17.2
Mar-2013	20.7	18.4	18.7
Apr-2013	21.5	18.4	18.3
May-2013	21.4	18.8	17.6
Jun-2013	20.7	19.2	17.4
Jul-2013	22.0	19.7	16.7
Aug-2013	21.3	20.3	17.5
Sep-2013	21.8	20.1	18.0
Oct-2013	21.5	19.5	17.7
Nov-2013	21.9	19.1	17.1
Dec-2013	21.6	18.8	18.1
Jan-2014	20.7	18.3	18.6
Feb-2014	20.3	19.2	18.8
Mar-2014	18.6	19.1	17.0
Apr-2014	17.2	19.1	16.9
May-2014	17.2	18.4	16.9
Jun-2014	17.7	18.2	17.3
Jul-2014	17.9	19.1	17.8
Aug-2014	20.0	19.6	16.7
Sep-2014	20.0	20.3	15.4
Oct-2014	20.9	20.6	15.7
Nov-2014	20.1	19.7	15.4
Dec-2014	21.3	20.0	15.5
Jan-2015	22.0	22.7	15.4
Feb-2015	22.1	23.4	15.0
Mar-2015	23.4	23.3	15.7
Apr-2015	24.3	23.4	16.1
May-2015	26.1	23.9	17.0
Jun-2015	26.3	24.0	16.5
Jul-2015	25.0	23.6	16.6
Aug-2015	22.9	23.1	17.0
Sep-2015	21.8	21.7	17.9
Oct-2015	22.2	22.0	16.7
Nov-2015	23.3	22.4	16.5
Dec-2015	21.5	23.0	15.0
Jan-2016	21.0	19.5	15.1
Feb-2016	20.8	18.1	15.4
Mar-2016	19.4	17.8	15.2
Apr-2016	18.9	17.3	15.2
May-2016	17.9	16.8	14.7
Jun-2016	17.4	16.3	14.6
Jul-2016	17.2	16.4	14.6
Aug-2016	17.8	15.4	14.3
Sep-2016	18.8	16.2	13.7
Oct-2016	18.2	15.2	14.7
Nov-2016	18.5	15.9	15.1
Dec-2016	18.8	15.8	14.4
Jan-2017	19.1	17.2	14.7
Feb-2017	19.1	17.6	13.8
Mar-2017	19.4	18.3	13.6
Apr-2017	19.9	18.0	13.7
May-2017	20.1	17.6	13.8
Jun-2017	20.6	17.0	14.1
Jul-2017	22.0	17.1	13.5
Aug-2017	21.6	17.2	14.1
Sep-2017	21.9	17.9	14.2
Oct-2017	22.1	18.2	13.8
Nov-2017	20.7	16.9	14.2
Dec-2017	21.5	15.3	14.9
Jan-2018	22.1	14.6	15.3
Feb-2018	23.0	14.1	17.1
Mar-2018	23.4	13.6	17.5
Apr-2018	23.9	14.2	17.0
May-2018	23.4	13.9	17.0
Jun-2018	22.4	13.7	17.0
Jul-2018	21.2	12.9	16.6
Aug-2018	21.1	13.8	15.9
Sep-2018	20.2	12.9	16.0
Oct-2018	19.2	13.5	16.6
Nov-2018	19.6	15.1	16.3
Dec-2018	19.0	15.9	15.8
Jan-2019	17.9	15.6	14.8
Feb-2019	17.9	16.2	14.0
Mar-2019	17.1	16.1	13.9
Apr-2019	16.1	15.8	13.5
May-2019	15.1	16.7	13.2
Jun-2019	15.5	17.2	13.2
Jul-2019	16.0	16.8	12.4
Aug-2019	17.2	16.0	12.9
Sep-2019	17.8	15.9	13.0
Oct-2019	18.0	16.7	12.7
Nov-2019	17.5	15.6	12.5
Dec-2019	17.5	15.5	13.0
Jan-2020	17.7	15.6	13.5
Feb-2020	16.2	14.9	12.0
Mar-2020	17.3	15.5	12.4
Apr-2020	17.8	15.8	13.2
May-2020	18.5	16.4	13.5
Jun-2020	18.5	16.8	13.1
Jul-2020	17.7	17.3	13.8
Aug-2020	17.0	17.5	13.0
Sep-2020	16.7	17.4	12.5
Oct-2020	18.3	17.6	13.4
Nov-2020	19.5	19.3	14.1
Dec-2020	20.2	21.2	14.8
Jan-2021	21.7	23.2	15.2
Feb-2021	22.4	23.2	16.5
Mar-2021	21.9	21.4	14.7
Apr-2021	20.5	21.0	14.0
May-2021	20.1	19.7	13.5
Jun-2021	20.0	18.1	13.7
Jul-2021	21.0	18.4	13.6
Aug-2021	20.6	18.6	13.9
Sep-2021	21.3	18.3	14.2
Oct-2021	21.0	16.6	14.4

Source: EDDS Data Mart  
Run Date: 16th Nov 2021

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

Rolling Annual Period	Cwm Taf Morgannwg
	%
Dec-2016	99.3%
Jan-2017	98.6%
Feb-2017	97.8%
Mar-2017	97.1%
Apr-2017	96.4%
May-2017	95.7%
Jun-2017	95.0%
Jul-2017	94.2%
Aug-2017	93.5%
Sep-2017	92.8%
Oct-2017	92.1%
Nov-2017	91.4%
Dec-2017	90.6%
Jan-2018	89.9%
Feb-2018	89.2%
Mar-2018	88.5%
Apr-2018	87.8%
May-2018	87.0%
Jun-2018	86.3%
Jul-2018	85.6%
Aug-2018	84.9%
Sep-2018	84.2%
Oct-2018	83.4%
Nov-2018	82.7%
Dec-2018	82.0%
Jan-2019	81.3%
Feb-2019	80.6%
Mar-2019	79.8%
Apr-2019	79.1%
May-2019	78.4%
Jun-2019	77.7%
Jul-2019	77.0%
Aug-2019	76.2%
Sep-2019	75.5%
Oct-2019	74.8%
Nov-2019	74.1%
Dec-2019	73.4%
Jan-2020	72.6%
Feb-2020	71.9%
Mar-2020	71.2%
Apr-2020	70.5%
May-2020	69.8%
Jun-2020	69.0%
Jul-2020	68.3%
Aug-2020	67.6%
Sep-2020	66.9%
Oct-2020	66.2%
Nov-2020	65.4%
Dec-2020	64.7%
Jan-2021	64.0%
Feb-2021	63.3%
Mar-2021	62.6%
Apr-2021	61.9%
May-2021	61.1%
Jun-2021	60.4%

**Source: CHKS (Cwm Taf Morgannwg)**  
**Run Date: 6th Dec 2021**

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

**Percentage of deaths by place of occurrence 2020**

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	27.8%	1.4%	17.6%	0.0%	2.8%	47.8%	0.0%	0.2%	2.4%
Powys Teaching	28.8%	3.9%	16.6%	0.0%	2.2%	46.3%	0.0%	0.0%	2.1%
Hywel Dda	32.9%	2.5%	18.7%	0.0%	0.7%	42.7%	0.0%	0.1%	2.3%
Aneurin Bevan	28.5%	1.6%	14.9%	0.0%	2.0%	50.3%	0.0%	0.3%	2.5%
Cardiff and Vale University	29.3%	0.2%	18.7%	0.0%	4.2%	45.6%	0.0%	0.0%	2.0%
Cwm Taf Morgannwg	27.3%	1.5%	13.4%	0.0%	0.0%	55.4%	0.0%	0.5%	1.8%
Swansea Bay	28.1%	0.7%	19.3%	0.0%	0.1%	46.9%	0.0%	1.0%	3.9%
<b>WALES</b>	<b>28.8%</b>	<b>1.5%</b>	<b>16.9%</b>	<b>0.0%</b>	<b>1.7%</b>	<b>48.3%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>2.5%</b>

**Number of deaths by place of occurrence 2020**

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	2,384	120	1,508	0	242	4,105	0	18	208	8,585
Powys Teaching	497	68	287	0	38	798	0	0	37	1,725
Hywel Dda	1,593	120	907	0	35	2,069	0	5	111	4,840
Aneurin Bevan	1,999	114	1,048	0	138	3,529	0	19	175	7,022
Cardiff and Vale University	1,335	8	855	0	191	2,079	0	2	91	4,561
Cwm Taf Morgannwg	1,572	84	773	0	2	3,189	0	30	105	5,755
Swansea Bay	1,380	35	950	0	4	2,301	0	49	192	4,911
<b>WALES</b>	<b>10,760</b>	<b>549</b>	<b>6,328</b>	<b>0</b>	<b>650</b>	<b>18,070</b>	<b>0</b>	<b>123</b>	<b>919</b>	<b>37,399</b>

Source: ONS

[Deaths registered in England and Wales - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk)

Next Update: to be announced

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

**Welsh Index of Multiple Deprivation (WIMD) 2019**

<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%	14%	18%	39%
Gwynedd	73	3%	5%	8%	34%
Conwy	71	6%	13%	20%	41%
Denbighshire	58	12%	16%	22%	47%
Flintshire	92	3%	11%	20%	32%
Wrexham	85	7%	12%	28%	41%
Powys	79	1%	6%	11%	24%
Ceredigion	46	2%	4%	7%	46%
Pembrokeshire	71	6%	11%	15%	42%
Carmarthenshire	112	4%	11%	27%	54%
Swansea	148	11%	24%	31%	46%
Neath Port Talbot	91	15%	33%	45%	69%
Bridgend	88	7%	20%	40%	56%
Vale of Glamorgan	79	4%	13%	19%	35%
Rhondda Cynon Taf	154	18%	29%	45%	71%
Merthyr Tydfil	36	22%	31%	50%	78%
Caerphilly	110	10%	24%	38%	63%
Blaenau Gwent	47	13%	45%	64%	85%
Torfaen	60	5%	32%	42%	57%
Monmouthshire	56	0%	2%	5%	20%
Newport	95	24%	35%	40%	60%
Cardiff	214	18%	28%	35%	49%
<b>Wales</b>	<b>1909</b>	<b>10%</b>	<b>20%</b>	<b>30%</b>	<b>50%</b>

**Source: StatsWales**

**Next Update: to be confirmed**

<https://statswales.gov.wales/Catalogue/Community-Safety-and-Social-Inclusion/Welsh-Index-of-Multiple-Deprivation/WIMD-2019/localauthorityanalysis>