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**Next Update**

2004-based national population  
projections for Wales to be issued  
by the Government Actuary's  
Department of 20 October 2005

# 2003-Based National and Sub-National Population Projections for Wales

# 2003-Based National and Sub-National Population Projections for Wales

## 1. Introduction

This Bulletin summarises the results of the latest sub-national population projections along with the main results of the Government Actuary's Department (GAD) national population projection for Wales **from which they have been derived using an apportionment model**. The projections use the Office for National Statistics (ONS) 2003 mid-year estimates of the usually resident population as their base.

**Projections done in this way do not make allowances for the effects of local or central government policies on future population levels, distribution and change.** At the national level they merely project forward trends arising from the assumptions made and only indicate what would happen **if the assumptions were to be realised and no other factors arose to affect the resulting trends**. They are not, strictly, a prediction of expected population levels though they do – broadly – indicate possible (even likely) changes in the demographic make up of the population, at least to the extent that what actually happens demographically in future years is broadly in line with the current assumptions. At the sub-national level, the projections – as currently compiled – **do not reflect recent, local trends**.

## 2. Sub-national projections

The ONS were commissioned by the Welsh Assembly Government to produce 2003-based sub-national population projections for the 22 local authority areas in Wales using the same model as for the equivalent sub-national projections for England.

The projections are, essentially, derived by applying patterns of mortality, fertility and migration by local authority area averaged over the last five years (to mid-2003) to the figures for Wales resulting from the trend based assumptions made in the 2003-based GAD National Projections. The sub-national model also takes into account migration between authority areas within Wales, by calculating the out migration probability by age and gender for each area. Full details of the methodologies used for deriving the sub-national projections

can be found on the National Statistics website at:

<http://www.statistics.gov.uk/statbase/Product.asp?vlnk=997>

and for national projections on the GAD website at:

[http://www.gad.gov.uk/Population\\_Projections/Population\\_projections\\_background.htm](http://www.gad.gov.uk/Population_Projections/Population_projections_background.htm)

After consultations with local authorities and policy colleagues a decision was taken to publish sub-national projections at a regional level after it became apparent that the model does not produce consistently meaningful projections at local authority level. This is primarily due to their inherent demographic characteristics, wide variations in population size and the nature of recent migration trends experienced in some areas. These local factors may not necessarily be reflected in all areas using the “top-down” approach adopted. At best they can only provide a broad indication of an expected regional distribution of the all-Wales nationally projected figures produced by G.A.D. They do not and cannot take account of future local authority plans and policies which may influence both the size of the population, through for instance housing allocations in development plans or its composition, through the provision of higher and further education facilities or job-creation

Individual local authorities produce such forecasts for their own areas for the preparation of development plans and other policy-related matters. These normally are based on a combination of recent trends, assumptions about the effects of local and national policies and the local authority's overall aims and objectives. As these local factors vary, the resulting projections do not aggregate to the GAD all-Wales projection. However, for many purposes such as planning local services or for market research these local ‘policy based’ projections are likely to be more appropriate. Annex B gives a list of contacts in unitary authorities that can provide details of these local policy-based projections and the planning assumptions.

We will also be considering with colleagues within the Welsh Assembly Government and in the Office for National Statistics as well as with

local authorities in Wales the desirability and practicalities of establishing a new model for projecting the population at local authority level which would be purely trend-based. In effect, such a model would simply aim to reflect recent local trends – irrespective of what had influenced them – as an indication of how local populations would develop in the absence of any new factors or policies, at a national or local level. This might be described as the ‘bottom up’ approach and one of the issues to be resolved would be how to reconcile these with projections at the national level and any top down, sub-national figures.

### **3. Regional groupings**

The regional grouping of authorities selected for presenting these 2003-based projection results are based on the National Assembly regions (as they existed prior to April 2005). These were deemed to be the groupings with the most potential use for policy makers and other customers. However, in the (former) Assembly committee regions, Gwynedd had been split between the North Wales and Mid Wales regions with the old districts of Arfon and Dwyfor

in the former and Meirionnydd in the latter. It was not possible to disaggregate the projections data to this extent so the whole of Gwynedd is in the “North Wales Authorities” grouping and “Ceredigion & Powys” have been combined to give Mid Wales. The remaining groups are “South West Wales” and “South East Wales”. A full list of the unitary authorities included within each grouping can be found in Annex A.

### **4. Further enquiries**

If you have any further enquiries regarding the content of this publication, or would like copies of the methodological documents referred to above, please contact:

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## 5. The results for Wales

### Between 2003 and 2023, the 2003 based national population projections for Wales indicate:

- Wales's population projected to increase by approximately 0.3 per cent each year over the next twenty years and to reach 3 million by 2009.
- An ageing population; with the number of those aged 65 or over increasing by 38.6 per cent and falls in numbers in the younger age groups. Those under 16 by 7.2 per cent and between 25 and 44 by 0.2 per cent.
- The number of children dropping steadily overall but with a slight upturn in the number of those aged under 5 between 2009 and 2019.
- The number of people of working age will be increased by the move to a common state retirement age of 65 between 2010 and 2020. The working age population is projected to increase by 6.1 per cent between 2003 and 2023; without the move to a common retirement age it would have started to fall after 2011.
- The number of men is projected to increase by more than women, largely reflecting a greater improvement in male life expectancy.

**Table 1 Summary projections of population by age group, Wales (a)**

	<i>Thousands</i>					
	2003	2008	2013	2018	2023	Percentage change 2003-2023
<b>Ages:</b>						
0-4	160.1	160.5	162.0	165.1	163.9	2.4
5-15	417.2	388.7	369.0	366.7	371.9	-10.9
16-24	336.8	364.8	356.4	330.3	312.8	-7.1
25-44	765.9	748.9	734.8	738.6	764.0	-0.2
45-64	744.3	791.3	809.4	818.2	795.9	6.9
65-74	268.0	284.8	331.9	360.1	354.3	32.2
75 +	245.7	256.1	273.4	302.6	357.9	45.7
<b>All ages</b>	<b>2,938.0</b>	<b>2,995.1</b>	<b>3,036.9</b>	<b>3,081.7</b>	<b>3,120.7</b>	<b>6.2</b>
Under 5	160.1	160.5	162.0	165.1	163.9	2.4
Under 16	577.3	549.2	531.1	531.9	535.8	-7.2
Working age (b)	1,765.1	1,804.4	1,834.0	1,870.8	1,872.7	6.1
Retirement age (b)	595.6	641.5	671.9	679.0	712.2	19.6
Males	1,425.6	1,458.4	1,482.7	1,506.7	1,526.0	7.0
Females	1,512.4	1,536.7	1,554.2	1,575.0	1,594.7	5.4

Source: Government Actuary's Department

- (a) 2003 figures are ONS mid-year estimates i.e. the 'base' figure for the projections. All other figures are 2003-based GAD national projections.
- (b) Working age and pensionable age populations based on state retirement age for given year. Between 2010 and 2020, state retirement age will change from 65 years for men and 60 years for women, to 65 years for both sexes.
- (c) More detailed statistics can be found on the Government Actuary's Department website - [www.gad.gov.uk](http://www.gad.gov.uk) and on Stats Wales - <http://www.statswales.wales.gov.uk>

## 6. Sub-national results

- Of the four regions, South East Wales is projected to have the greatest increase in population between 2003 and 2023 at 7.8 per cent. The smallest projected increase is in the North Wales region at 3.6 per cent.
- Net inward migration will be highest in South West Wales and lowest in Mid Wales.
- Natural change is projected to be negative for all regions except South East Wales, where it will reach a peak of 3,600 in 2016 before falling but remaining positive.

**Table 2 Projected population change and its components; Regional groupings (a)**

### North Wales

*Thousands*

Year:	Population	Components of population change					Population at end of period	Percentage change over year
	at start of period	Total change	Births	Deaths	Natural Change	Net migration and other changes		
2003	670.8	4.2	7.0	7.8	-0.8	5.0	675.0	0.6
2004	675.0	3.2	7.0	7.8	-0.8	4.0	678.3	0.5
2005	678.3	2.2	6.9	7.7	-0.8	3.0	680.5	0.3
2006	680.5	1.1	6.9	7.7	-0.8	1.9	681.6	0.2
2007	681.6	1.1	6.8	7.6	-0.8	1.9	682.7	0.2
2008	682.7	1.1	6.7	7.6	-0.9	2.0	683.8	0.2
2009	683.8	1.1	6.7	7.6	-0.9	2.0	684.9	0.2
2010	684.9	1.1	6.7	7.5	-0.9	2.0	686.0	0.2
2011	686.0	1.1	6.6	7.5	-0.9	2.0	687.0	0.1
2012	687.0	1.0	6.6	7.6	-1.0	2.0	688.1	0.2
2013	688.1	1.0	6.6	7.6	-1.0	2.0	689.0	0.1
2014	689.0	0.9	6.6	7.6	-1.0	2.0	690.0	0.1
2015	690.0	0.9	6.5	7.6	-1.1	2.0	690.9	0.1
2016	690.9	0.8	6.5	7.6	-1.1	2.0	691.7	0.1
2017	691.7	0.8	6.5	7.7	-1.2	2.0	692.5	0.1
2018	692.5	0.7	6.4	7.7	-1.3	2.0	693.2	0.1
2019	693.2	0.6	6.4	7.8	-1.4	2.0	693.8	0.1
2020	693.8	0.5	6.4	7.9	-1.5	2.0	694.4	0.1
2021	694.4	0.4	6.3	8.0	-1.6	2.0	694.7	0.0
2022	694.7	0.2	6.3	8.0	-1.8	2.0	695.0	0.0

(a) North Wales contains the following local authorities: Isle of Anglesey, Gwynedd, Conwy, Denbighshire, Flintshire & Wrexham.

## Mid Wales

Thousands

Year:	Population		Components of population change				Population at end of period	Percentage change over year
	at start of period	Total change	Births	Deaths	Natural change	Net migration and other changes		
2003	206.4	1.9	1.9	2.3	-0.4	2.3	208.3	0.9
2004	208.3	1.4	1.9	2.3	-0.4	1.9	209.7	0.7
2005	209.7	1.0	1.8	2.3	-0.5	1.4	210.7	0.5
2006	210.7	0.5	1.8	2.3	-0.5	1.0	211.2	0.2
2007	211.2	0.5	1.8	2.3	-0.5	1.0	211.6	0.2
2008	211.6	0.4	1.8	2.3	-0.5	1.0	212.1	0.2
2009	212.1	0.4	1.8	2.3	-0.6	1.0	212.5	0.2
2010	212.5	0.4	1.8	2.3	-0.6	1.0	212.9	0.2
2011	212.9	0.4	1.7	2.3	-0.6	1.0	213.3	0.2
2012	213.3	0.4	1.7	2.4	-0.6	1.0	213.6	0.1
2013	213.6	0.3	1.7	2.4	-0.6	1.0	214.0	0.2
2014	214.0	0.3	1.7	2.4	-0.7	1.0	214.3	0.1
2015	214.3	0.3	1.7	2.4	-0.7	1.0	214.6	0.1
2016	214.6	0.3	1.7	2.4	-0.7	1.0	214.9	0.1
2017	214.9	0.3	1.7	2.4	-0.7	1.0	215.2	0.1
2018	215.2	0.2	1.7	2.5	-0.8	1.0	215.4	0.1
2019	215.4	0.2	1.7	2.5	-0.8	1.0	215.6	0.1
2020	215.6	0.2	1.7	2.5	-0.8	1.0	215.8	0.1
2021	215.8	0.2	1.6	2.5	-0.9	1.1	216.0	0.1
2022	216.0	0.1	1.6	2.6	-0.9	1.1	216.1	0.0

(a) Mid Wales contains the following local authorities: Powys & Ceredigion.

## South West Wales

Thousands

Year:	Population		Components of population change				Population at end of period	Percentage change over year
	at start of period	Total change	Births	Deaths	Natural change	Net migration and other changes		
2003	652.3	3.4	6.7	7.9	-1.2	4.6	655.7	0.5
2004	655.7	2.9	6.7	7.8	-1.1	4.0	658.5	0.4
2005	658.5	2.2	6.7	7.8	-1.1	3.3	660.8	0.3
2006	660.8	1.6	6.7	7.7	-1.0	2.7	662.4	0.2
2007	662.4	1.6	6.7	7.7	-1.0	2.6	664.0	0.2
2008	664.0	1.7	6.7	7.6	-1.0	2.7	665.7	0.3
2009	665.7	1.8	6.7	7.6	-0.9	2.7	667.5	0.3
2010	667.5	1.8	6.7	7.6	-0.9	2.7	669.3	0.3
2011	669.3	1.8	6.7	7.6	-0.8	2.7	671.1	0.3
2012	671.1	1.9	6.8	7.5	-0.8	2.7	673.0	0.3
2013	673.0	1.9	6.8	7.5	-0.8	2.7	674.9	0.3
2014	674.9	1.9	6.8	7.6	-0.7	2.7	676.8	0.3
2015	676.8	1.9	6.8	7.6	-0.7	2.7	678.8	0.3
2016	678.8	1.9	6.8	7.6	-0.8	2.7	680.7	0.3
2017	680.7	1.9	6.8	7.6	-0.8	2.7	682.6	0.3
2018	682.6	1.8	6.8	7.7	-0.8	2.7	684.4	0.3
2019	684.4	1.8	6.8	7.7	-0.9	2.7	686.2	0.3
2020	686.2	1.7	6.8	7.8	-1.0	2.7	687.9	0.2
2021	687.9	1.6	6.7	7.8	-1.1	2.7	689.5	0.2
2022	689.5	1.5	6.7	7.9	-1.2	2.7	691.0	0.2

(a) South West Wales contains the following local authorities: Pembrokeshire, Carmarthenshire, Swansea & Neath Port Talbot.

## South East Wales

Thousands

Year:	Population at start of period	Components of population change					Net migration and other changes	Population at end of period	Percentage change over year
		Total change	Births	Deaths	Natural change				
2003	1,408.5	7.6	16.1	15.0	1.1	6.5	1,416.1	0.5	
2004	1,416.1	6.5	16.3	14.9	1.4	5.1	1,422.7	0.5	
2005	1,422.7	5.4	16.3	14.7	1.6	3.8	1,428.1	0.4	
2006	1,428.1	4.2	16.4	14.6	1.8	2.4	1,432.3	0.3	
2007	1,432.3	4.4	16.5	14.5	2.0	2.4	1,436.7	0.3	
2008	1,436.7	4.7	16.7	14.4	2.2	2.4	1,441.4	0.3	
2009	1,441.4	4.9	16.8	14.3	2.5	2.4	1,446.3	0.3	
2010	1,446.3	5.1	17.0	14.3	2.7	2.4	1,451.4	0.4	
2011	1,451.4	5.3	17.2	14.2	2.9	2.4	1,456.7	0.4	
2012	1,456.7	5.5	17.3	14.2	3.1	2.4	1,462.3	0.4	
2013	1,462.3	5.7	17.5	14.2	3.3	2.4	1,467.9	0.4	
2014	1,467.9	5.8	17.6	14.2	3.4	2.4	1,473.7	0.4	
2015	1,473.7	5.9	17.7	14.2	3.5	2.3	1,479.6	0.4	
2016	1,479.6	5.9	17.8	14.2	3.6	2.3	1,485.5	0.4	
2017	1,485.5	5.9	17.8	14.3	3.6	2.3	1,491.4	0.4	
2018	1,491.4	5.8	17.8	14.3	3.5	2.3	1,497.2	0.4	
2019	1,497.2	5.7	17.8	14.4	3.4	2.3	1,502.9	0.4	
2020	1,502.9	5.5	17.7	14.5	3.2	2.3	1,508.3	0.4	
2021	1,508.3	5.3	17.6	14.6	3.0	2.2	1,513.6	0.4	
2022	1,513.6	5.1	17.5	14.7	2.8	2.2	1,518.7	0.3	

(a) South East Wales contains the following local authorities: Bridgend, The Vale of Glamorgan, Cardiff, Rhondda, Cynon, Taff, Merthyr Tydfil, Caerphilly, Blaenau Gwent, Torfaen, Monmouthshire & Newport.

**Between 2003 and 2023, the 2003-based population projections by broad age group for regional areas in Wales indicate**

- The number of people aged 0 to 4 to decrease in North Wales (9.9 per cent) and Mid Wales (11.3 per cent) between 2003 and 2023. The opposite is projected to happen in the other two regions, with an increase in both South West Wales (0.3 per cent) and South East Wales (10.4 per cent).
- A decrease in the number of people aged 5 to 15 and 16 to 24 in all four regions over the next twenty years.
- Population of people aged 25 to 44 to increase by 6.2 per cent in South East Wales whilst falling elsewhere.
- An increase in the number of people aged 45 and above in all four regions, with the largest increase in the oldest age group - 75 and over, reflecting improvements to life expectancy.

**North Wales**

*Thousands*

Year:	All ages	0-4	5-15	16-24	25-44	45-64	65-74	75 and over
2003	670.8	36.2	92.6	69.8	171.9	175.9	64.5	59.9
2004	675.0	35.9	92.4	70.9	171.9	178.1	65.3	60.5
2005	678.3	35.7	91.9	71.3	171.9	180.4	66.1	61.1
2006	680.5	35.4	91.2	71.6	171.0	182.6	67.1	61.6
2007	681.6	35.4	89.7	72.4	169.0	184.7	68.4	62.1
2008	682.7	35.4	88.1	73.1	166.6	186.4	70.5	62.5
2009	683.8	35.1	87.2	73.1	164.5	188.1	72.7	63.0
2010	684.9	34.7	86.4	72.3	163.1	189.7	74.8	63.8
2011	686.0	34.5	85.6	72.1	161.4	190.9	76.8	64.7
2012	687.0	34.2	84.8	71.7	159.9	190.0	80.5	65.9
2013	688.1	34.1	83.8	71.4	158.5	189.5	83.5	67.3
2014	689.0	33.9	83.0	70.9	157.0	189.7	85.8	68.7
2015	690.0	33.8	82.1	70.3	155.7	190.4	87.6	70.1
2016	690.9	33.7	81.4	69.4	154.5	191.4	89.0	71.6
2017	691.7	33.5	80.7	68.3	153.6	192.3	89.8	73.4
2018	692.5	33.4	80.5	67.2	153.1	192.4	90.2	75.8
2019	693.2	33.3	80.3	66.1	153.1	191.7	90.4	78.2
2020	693.8	33.2	79.8	65.5	153.3	191.2	90.2	80.6
2021	694.4	33.0	79.3	64.9	153.7	190.3	90.1	83.1
2022	694.7	32.8	78.9	64.1	154.0	189.3	88.5	87.1
2023	695.0	32.6	78.6	63.4	154.2	188.1	87.4	90.6
Percentage change 2003-2023	3.6	-9.9	-15.1	-9.2	-10.3	6.9	35.5	51.3

(a) North Wales contains the following local authorities: Isle of Anglesey, Gwynedd, Conwy, Denbighshire, Flintshire & Wrexham.



## Mid Wales

Thousands

Year:	All ages	0-4	5-15	16-24	25-44	45-64	65-74	75 and over
2003	206.4	9.7	27.3	24.3	47.8	56.8	20.8	19.6
2004	208.3	9.6	27.1	25.1	47.4	57.8	21.2	19.9
2005	209.7	9.6	26.9	25.5	47.2	58.6	21.6	20.3
2006	210.7	9.5	26.6	25.5	46.9	59.5	21.9	20.6
2007	211.2	9.5	26.1	25.7	46.2	60.2	22.5	20.9
2008	211.6	9.5	25.5	26.0	45.4	60.8	23.2	21.2
2009	212.1	9.4	25.1	26.1	44.7	61.1	24.2	21.5
2010	212.5	9.3	24.6	26.3	43.9	61.4	25.2	21.9
2011	212.9	9.2	24.3	26.2	43.3	61.7	25.9	22.3
2012	213.3	9.1	23.8	26.1	42.8	61.4	27.2	22.7
2013	213.6	9.0	23.5	25.9	42.4	61.1	28.4	23.2
2014	214.0	9.0	23.2	25.7	41.9	61.1	29.3	23.7
2015	214.3	9.0	23.0	25.4	41.6	60.9	30.1	24.3
2016	214.6	8.9	22.8	25.0	41.3	61.0	30.7	24.8
2017	214.9	8.9	22.6	24.6	41.2	61.0	31.1	25.5
2018	215.2	8.9	22.6	24.1	41.2	60.6	31.4	26.5
2019	215.4	8.8	22.5	23.6	41.3	60.2	31.4	27.5
2020	215.6	8.8	22.4	23.3	41.4	59.9	31.4	28.6
2021	215.8	8.7	22.2	23.0	41.6	59.4	31.4	29.5
2022	216.0	8.7	22.1	22.7	41.9	58.7	31.0	31.0
2023	216.1	8.6	22.0	22.5	42.1	58.0	30.6	32.3
Percentage change 2003-2023	4.7	-11.3	-19.4	-7.4	-11.9	2.1	47.1	64.8

(a) Mid Wales contains the following local authorities: Powys & Ceredigion.

## South West Wales

Thousands

Year:	All ages	0-4	5-15	16-24	25-44	45-64	65-74	75 and over
2003	652.3	34.5	89.9	72.2	162.1	170.4	64.1	59.1
2004	655.7	34.4	89.3	74.1	161.2	172.7	64.4	59.6
2005	658.5	34.4	88.5	75.1	160.7	175.0	64.7	60.2
2006	660.8	34.2	87.9	75.9	159.6	177.5	65.0	60.7
2007	662.4	34.3	86.5	77.1	158.0	179.6	65.8	61.2
2008	664.0	34.3	85.3	77.6	156.7	181.2	67.2	61.7
2009	665.7	34.2	84.3	77.9	155.4	182.8	68.9	62.2
2010	667.5	34.2	83.5	77.5	154.5	184.3	70.5	62.9
2011	669.3	34.2	83.0	76.9	153.8	185.5	72.1	63.7
2012	671.1	34.3	82.3	76.6	153.2	184.9	75.1	64.7
2013	673.0	34.4	81.5	76.1	153.0	184.2	78.0	65.8
2014	674.9	34.5	81.2	75.4	152.7	184.4	79.9	66.8
2015	676.8	34.6	80.9	74.6	152.6	184.4	81.8	67.9
2016	678.8	34.8	80.8	73.5	152.9	184.6	83.2	68.9
2017	680.7	34.9	80.6	72.5	153.3	184.9	84.2	70.3
2018	682.6	34.9	80.9	71.4	154.0	184.5	84.6	72.3
2019	684.4	34.9	81.0	70.5	155.0	183.6	85.0	74.3
2020	686.2	34.9	81.1	70.0	155.8	182.8	85.1	76.4
2021	687.9	34.9	81.3	69.3	157.1	181.7	85.2	78.5
2022	689.5	34.8	81.4	68.6	158.5	179.9	84.3	81.9
2023	691.0	34.6	81.6	68.2	159.6	178.0	83.8	85.2
Percentage change 2003-2023	5.9	0.3	-9.2	-5.5	-1.5	4.5	30.7	44.2

(a) South West Wales contains the following local authorities: Pembrokeshire, Carmarthenshire, Swansea & Neath Port Talbot.

## South East Wales

Thousands

Year:	All ages	0-4	5-15	16-24	25-44	45-64	65-74	75 and over
2003	1408.5	79.7	207.4	170.5	384.1	341.1	118.6	107.1
2004	1416.1	79.2	204.7	176.8	383.5	345.1	119.3	107.6
2005	1422.7	79.3	201.4	180.5	384.2	349.1	119.8	108.4
2006	1428.1	79.8	197.9	183.3	383.6	354.1	120.1	109.3
2007	1432.3	80.8	193.4	186.3	381.4	359.0	121.4	110.0
2008	1436.7	81.3	189.8	188.0	380.1	363.0	123.8	110.6
2009	1441.4	81.8	187.1	188.6	379.0	367.1	126.3	111.5
2010	1446.3	82.3	184.9	187.9	378.6	371.0	128.8	112.6
2011	1451.4	83.0	183.3	186.6	378.9	374.3	131.4	114.0
2012	1456.7	83.7	181.9	184.7	379.5	374.3	137.1	115.4
2013	1462.3	84.5	180.1	183.0	380.9	374.6	142.0	117.1
2014	1467.9	85.3	179.2	180.8	382.2	376.0	145.5	119.0
2015	1473.7	86.1	179.1	178.3	383.8	377.0	148.7	120.8
2016	1479.6	86.8	179.7	174.7	385.5	379.0	151.3	122.6
2017	1485.5	87.4	180.9	171.1	387.7	380.4	153.0	125.0
2018	1491.4	87.9	182.7	167.7	390.3	380.6	154.0	128.1
2019	1497.2	88.3	184.2	165.2	393.3	380.2	154.6	131.4
2020	1502.9	88.5	185.6	163.4	396.5	379.4	154.8	134.8
2021	1508.3	88.5	186.9	161.9	400.1	377.7	155.0	138.3
2022	1513.6	88.3	188.3	160.0	404.5	374.9	153.2	144.4
2023	1518.7	88.0	189.7	158.8	408.0	371.8	152.5	149.9
Percentage change 2003-2023	7.8	10.4	-8.5	-6.9	6.2	9.0	28.6	40.0

(a) South East Wales contains the following local authorities: Bridgend, The Vale of Glamorgan, Cardiff, Rhondda, Cynon, Taff, Merthyr Tydfil, Caerphilly, Blaenau Gwent, Torfaen, Monmouthshire & Newport.

## **Annex A: Regional groupings used in this publication**

### **North Wales Authorities**

Isle of Anglesey  
Gwynedd  
Conwy  
Denbighshire  
Flintshire  
Wrexham

### **Mid Wales Authorities**

Powys  
Ceredigion

### **South West Wales**

Pembrokeshire  
Carmarthenshire  
Swansea  
Neath Port Talbot

### **South East Wales**

Bridgend  
The Vale of Glamorgan  
Cardiff  
Rhondda, Cynon, Taff  
Merthyr Tydfil  
Caerphilly  
Blaenau Gwent  
Torfaen  
Monmouthshire  
Newport

## Annex B: Unitary Authority Contacts for policy-based forecasts

Unitary Authority	Contact name	Telephone number	E-mail address
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