

Distribution Sub-Group (2023) Paper 18 – Population data decision for the 2024-25 Settlement

This discussion paper has been written by officials of the Welsh Government. Ministers have not had an opportunity to comment on the contents. Exemplifications of changes are provided simply to inform discussion by DSG members. They are not Welsh Government proposals or statements of Government policy for or against changes.

Population data for the 2024-25 settlement

Summary

1. Following the publication of the 2021 census population data the **decision for the 2023-24 settlement was to use an average of the 2023 population projections and 2021 census population data**. This paper assesses the population data to be used within the 2024-25 Local Government Settlement.

Views sought

2. DSG are asked to discuss the population data presented within this paper and agree the most appropriate dataset to be used in the 2024-25 Settlement.

Related papers

3. Distribution Sub-Group (2023) Paper 05 – Population data for the 2024-25 Settlement
4. Distribution Sub-Group (2022) Paper 08 – Population data Census 2021 for the 2023-24 Settlement
5. Distribution Sub-Group (2022) Paper 05 - Population data for the 2023-24 Settlement
6. Distribution Sub-Group (2021) Paper 10 - Population data
7. Distribution Sub-Group (2020) Paper 11 - 2018-based subnational population projections and 2019 mid-year estimates.

Background

8. For the 2023-24 settlement the DSG had agreed to use an average of the 2018 based population projections for 2023 and 2021 Census population data.
9. [Mid-2022 population estimates and revised mid-2021 population estimates \(revised to reflect changes to international migration figures\)](#) were published by ONS on the **23rd November**.
10. The **mid-2021** and **mid-2022** population estimates are primarily based on the 2021 census (for England and Wales, and Northern Ireland). The usual resident population as at Census day (21 March 2021), by single year of age, is aged on to 30 June 2021 and 30 June 2022 respectively and then births, deaths and migration are accounted for.

Initial Analysis

11. The following section will investigate the financial implications of the three options for the 2024-25 settlement. **Option 1** uses the Census 2021 population data, **Option 2** uses the revised mid-2021 population estimates and **Option 3** uses the mid-2022 population estimates.

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Comparison across population datasets

12. [Table 1](#) in [Annex A](#) shows the population data used for the 2023-24 settlement i.e the average of the 2018-based population projections for 2023 and Census 2021 population data. [Table 2](#) shows the Census 2021 population data. [Table 3](#) shows the revised mid-2021 population estimates. [Table 4](#) shows the mid-2022 population estimates.
13. [Table 5](#), [Table 6](#) and [Table 7](#) in [Annex A](#) consider the relative change in population numbers used for the 2023-24 settlement compared to the Census 2021 population data, mid-2021 population estimates and mid-2022 population estimates respectively.

Re-distributional effect

14. [Table 8](#) in [Annex B](#) analyses and exemplifies the re-distributive financial impact on the 2023-24 settlement of using the Census 2021 population data, the mid-2021 population estimates and mid-2022 population estimates. [Table 9](#) in [Annex C](#) shows the list of population indicators used.
15. Using the **Census 2021 population data**, Newport, Powys and Carmarthenshire have the largest monetary increases of £1,147k (0.40%), £994k (0.43%) and £869K (0.26%) respectively. The largest monetary decreases can be seen in Swansea and Gwynedd with decreases of £1,734k (0.41%) and £1,688 (0.74%) respectively.
16. Using the revised **mid-2021 population data**, Powys, Newport and Carmarthenshire have the largest monetary increases of £1,288k (0.56%), £1,216k (0.42%) and £1,168K (0.34%) respectively. The largest monetary decreases can be seen in Swansea and Gwynedd with decreases of £1,825k (0.44%) and £1,788 (0.79%) respectively.
17. Using the **mid-2022 population data**, Cardiff and Newport have the largest monetary increases of £5,139k (0.86%) and £2,001k (0.69%) respectively. The largest monetary decreases can be seen in Gwynedd and Conwy with decreases of £2,427k (1.08%) and £1,867 (0.95%) respectively.

Discussion

18. DSG are asked to consider the following **three options** and the effects of applying the Census 2021 population data, mid-2021 population estimates and mid-year 2022 population estimates.
 - i) **Option 1:** Use the **2021 Census population** data for 2024-25 Settlement.
 - ii) **Option 2:** Use the **mid-2021 population estimates** for the 2024-25 Settlement.
 - iii) **Option 3:** Use the **mid-2022 population estimates** for the 2024-25 Settlement.

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Annex A

Table 1: 2023-24 Settlement Population Data, Average (2018-based population projections for 2023 and Census 2021 population data)

	Average of 2018 based population projections for 2023 and Census 2021 population data													
	Total	Aged 3	Aged 3 to 11	Aged 3 to 16	Aged 11 to 15	Aged 11 to 20	Aged 16 and over	Aged 16 to 18	Aged 0 to 17	Aged 18 to 64	Aged 18 and over	Aged under 60	Aged 60 and over	Aged 85 and over
Isle of Anglesey	69,358	695	6,808	10,699	3,944	7,127	57,501	2,152	13,353	37,441	56,005	45,554	23,804	2,271
Gwynedd	121,468	1,169	11,315	18,109	6,847	15,120	101,330	4,075	22,808	70,477	98,660	85,038	36,430	3,936
Conwy	116,683	1,059	10,587	16,995	6,445	11,696	97,929	3,632	21,265	62,623	95,418	74,973	41,710	4,865
Denbighshire	96,007	971	9,607	15,467	5,873	10,684	78,902	3,304	19,388	52,592	76,619	65,048	30,960	2,922
Flintshire	156,296	1,637	15,816	25,472	9,636	17,563	128,134	5,371	31,878	90,555	124,418	112,126	44,170	3,956
Wrexham	135,767	1,508	14,297	22,725	8,443	15,615	110,552	4,682	28,504	79,295	107,263	99,309	36,458	3,408
Powys	132,885	1,230	11,657	18,935	7,162	13,168	112,024	4,176	23,739	71,573	109,147	84,569	48,316	4,901
Ceredigion	71,188	587	5,949	9,506	3,562	9,559	60,779	2,429	11,823	40,564	59,365	47,177	24,011	2,524
Pembrokeshire	124,973	1,166	11,854	19,099	7,324	13,325	104,047	4,038	23,717	67,726	101,256	81,927	43,047	4,391
Carmarthenshire	188,958	1,914	18,606	29,859	11,253	20,851	156,009	6,404	37,381	105,435	151,577	128,965	59,993	5,611
Swansea	244,252	2,476	23,597	37,168	13,768	30,678	202,697	8,217	46,902	147,792	197,350	180,047	64,205	6,724
Neath Port Talbot	143,592	1,520	14,420	22,771	8,420	16,756	118,284	5,025	28,554	84,405	115,038	103,182	40,410	3,626
Bridgend	147,031	1,601	15,168	23,714	8,628	15,951	120,584	4,895	29,821	86,495	117,210	106,731	40,300	3,594
The Vale of Glamorgan	134,192	1,478	14,240	22,459	8,327	14,996	109,271	4,633	28,117	76,453	106,075	95,569	38,622	3,667
Rhondda Cynon Taff	240,528	2,622	25,096	39,586	14,621	28,297	196,174	8,346	50,005	143,165	190,523	178,376	62,152	5,388
Merthyr Tydfil	59,963	718	6,652	10,239	3,640	6,795	48,435	2,016	12,890	35,582	47,074	44,540	15,424	1,269
Caerphilly	179,096	1,986	18,685	29,560	10,943	20,424	146,083	6,110	37,220	105,560	141,876	131,447	47,649	3,989
Blaenau Gwent	68,204	732	6,743	10,552	3,845	7,252	56,245	2,186	13,462	40,828	54,742	49,698	18,506	1,501
Torfaen	93,314	1,034	9,836	15,456	5,669	10,379	75,996	3,154	19,474	54,193	73,840	67,554	25,760	2,467
Monmouthshire	94,393	840	8,413	13,832	5,307	9,676	79,356	3,091	17,209	52,412	77,184	62,627	31,767	3,405
Newport	159,446	2,037	18,831	28,852	10,249	18,613	126,636	5,509	36,576	95,543	122,870	122,803	36,643	3,451
Cardiff	365,711	3,945	38,132	59,332	21,527	52,218	298,959	13,348	74,898	237,270	290,814	293,778	71,934	7,230
Wales	3,143,307	32,923	316,309	500,386	185,430	366,743	2,585,927	106,792	628,981	1,837,978	2,514,325	2,261,037	882,270	85,095

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Table 2: Census 2021 Population Data

Census 2021 population data														
	Total	Aged 3 to 3	Aged 3 to 11	Aged 3 to 16	Aged 11 to 15	Aged 11 to 20	Aged 16 and over	Aged 16 to 18	Aged 0 to 17	Aged 18 to 64	Aged 18 and over	Aged under 60	Aged 60 and over	Aged 85 and over
Isle of Anglesey	68,875	682	6,891	10,676	3,835	7,052	57,146	2,148	13,216	37,452	55,659	45,622	23,253	2,176
Gwynedd	117,397	1,114	11,112	17,579	6,546	14,275	97,974	3,790	21,867	68,257	95,530	82,078	35,319	3,805
Conwy	114,741	1,034	10,497	16,661	6,192	11,323	96,364	3,450	20,784	62,584	93,957	74,845	39,896	4,495
Denbighshire	95,816	970	9,618	15,276	5,693	10,472	78,907	3,228	19,150	52,920	76,666	65,417	30,399	2,998
Flintshire	154,965	1,588	15,598	24,849	9,261	16,916	127,581	5,107	30,979	90,757	123,986	111,739	43,226	3,756
Wrexham	135,115	1,502	14,331	22,446	8,155	15,068	110,270	4,413	27,967	79,768	107,148	99,453	35,662	3,295
Powys	133,174	1,231	11,718	18,820	7,003	13,021	112,540	4,051	23,473	72,580	109,701	85,646	47,528	4,694
Ceredigion	71,468	570	5,894	9,202	3,332	9,088	61,387	2,491	11,440	41,643	60,028	47,943	23,525	2,348
Pembrokeshire	123,366	1,176	12,051	19,030	7,038	12,912	102,555	3,853	23,529	67,494	99,837	81,977	41,389	4,044
Carmarthenshire	187,895	1,888	18,517	29,416	10,896	20,287	155,484	6,209	36,741	105,688	151,154	129,026	58,869	5,615
Swansea	238,500	2,401	23,336	36,629	13,495	29,799	197,864	7,995	45,834	143,783	192,666	175,072	63,428	6,625
Neath Port Talbot	142,290	1,515	14,494	22,802	8,346	17,081	117,183	5,061	28,285	83,871	114,005	102,638	39,652	3,674
Bridgend	145,486	1,563	15,097	23,524	8,456	15,664	119,481	4,770	29,340	86,051	116,146	106,229	39,257	3,559
The Vale of Glamorgan	131,935	1,446	14,167	22,120	8,109	14,629	107,456	4,442	27,596	75,349	104,339	94,263	37,672	3,700
Rhondda Cynon Taff	237,651	2,553	25,125	39,328	14,287	27,565	193,843	8,183	49,408	141,617	188,243	176,574	61,077	5,164
Merthyr Tydfil	58,847	712	6,512	9,924	3,473	6,545	47,682	1,951	12,453	35,282	46,394	43,954	14,893	1,207
Caerphilly	175,956	1,975	18,755	29,255	10,618	19,814	143,485	5,943	36,599	103,946	139,357	129,554	46,402	3,821
Blaenau Gwent	66,900	722	6,728	10,344	3,713	6,927	55,140	2,017	13,155	40,222	53,745	49,015	17,885	1,432
Torfaen	92,274	1,026	9,827	15,342	5,564	10,078	75,111	2,977	19,235	53,884	73,039	67,217	25,057	2,366
Monmouthshire	92,961	828	8,323	13,514	5,095	9,375	78,244	2,940	16,814	52,105	76,147	62,257	30,704	3,265
Newport	159,594	1,995	18,603	28,382	9,989	18,222	127,425	5,436	35,932	96,599	123,662	123,553	36,041	3,429
Cardiff	362,301	3,914	38,321	58,892	20,924	52,235	296,311	13,669	73,816	235,988	288,485	291,774	70,527	7,117
Wales	3,107,507	32,405	315,515	494,011	180,020	358,348	2,559,433	104,124	617,613	1,827,840	2,489,894	2,245,846	861,661	82,585

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Table 3: Mid-year 2021 Population Estimates

Mid-year 2021 Population Estimates														
	Total	Aged 3 Aged 3	Aged 3 to 11	Aged 3 to 16	Aged 11 to 15	Aged 11 to 20	Aged 16 and over	Aged 16 to 18	Aged 0 to 17	Aged 18 to 64	Aged 18 and over	Aged under 60	Aged 60 and over	Aged 85 and over
Isle of Anglesey	68,937	688	6,843	10,646	3,854	7,165	57,248	2,196	13,171	37,467	55,766	46,622	23,325	2,195
Gwynedd	117,072	1,159	11,118	17,605	6,570	13,965	97,670	3,727	21,828	67,836	95,244	83,341	35,443	3,819
Conwy	114,788	1,045	10,473	16,633	6,200	11,469	96,514	3,523	20,708	62,613	94,080	76,522	40,058	4,501
Denbighshire	96,047	948	9,594	15,281	5,698	10,625	79,128	3,303	19,182	52,980	76,865	66,879	30,547	3,055
Flintshire	155,045	1,549	15,546	24,785	9,317	17,140	127,722	5,228	30,953	90,722	124,092	113,783	43,407	3,853
Wrexham	135,152	1,444	14,280	22,408	8,197	15,204	110,378	4,542	27,901	79,704	107,251	101,068	35,855	3,376
Powys	133,521	1,239	11,678	18,812	6,995	13,160	112,918	4,168	23,446	72,722	110,075	87,886	47,789	4,771
Ceredigion	70,676	570	5,861	9,191	3,351	8,579	60,618	2,246	11,443	40,720	59,233	48,056	23,677	2,349
Pembrokeshire	123,633	1,184	11,974	19,004	7,056	13,107	102,886	3,995	23,479	67,651	100,154	83,900	41,621	4,116
Carmarthenshire	188,172	1,884	18,458	29,390	10,919	20,498	155,885	6,353	36,607	105,877	151,565	131,768	59,231	5,702
Swansea	237,897	2,439	23,277	36,653	13,536	29,143	197,307	7,859	45,753	142,913	192,144	177,082	63,811	6,758
Neath Port Talbot	141,934	1,491	14,398	22,740	8,358	17,004	116,926	4,894	28,238	83,467	113,696	104,122	39,780	3,698
Bridgend	145,738	1,524	15,069	23,463	8,448	15,858	119,792	4,888	29,280	86,105	116,458	108,119	39,602	3,642
The Vale of Glamorgan	132,491	1,426	14,156	22,166	8,136	14,855	108,039	4,590	27,539	75,736	104,952	96,386	37,921	3,727
Rhondda Cynon Taff	237,545	2,572	24,995	39,311	14,334	27,707	193,853	8,309	49,254	141,504	188,291	179,311	61,328	5,242
Merthyr Tydfil	58,869	675	6,473	9,903	3,491	6,581	47,726	1,955	12,421	35,276	46,448	44,693	14,975	1,238
Caerphilly	175,999	1,956	18,711	29,184	10,677	19,975	143,644	6,029	36,465	103,921	139,534	131,690	46,692	3,880
Blaenau Gwent	66,989	710	6,684	10,347	3,739	7,036	55,280	2,070	13,111	40,240	53,878	49,884	17,983	1,472
Torfaen	92,454	1,025	9,788	15,346	5,582	10,232	75,350	3,047	19,219	53,937	73,235	68,556	25,242	2,432
Monmouthshire	93,163	816	8,293	13,477	5,131	9,512	78,482	2,994	16,741	52,282	76,422	63,715	30,872	3,306
Newport	159,687	1,936	18,493	28,300	10,045	18,400	127,552	5,507	35,894	96,606	123,793	125,374	36,257	3,507
Cardiff	359,824	3,838	38,128	58,826	21,092	50,166	293,850	12,603	73,784	233,132	286,040	292,567	71,055	7,198
Wales	3,105,633	32,118	314,290	493,471	180,726	357,381	2,558,768	104,026	616,417	1,823,411	2,489,216	2,281,324	866,471	83,837

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Table 4: Mid-year 2022 Population Estimates

Mid-year 2022 Population Estimates														
	Total	Aged 3	Aged 3 to 11	Aged 3 to 16	Aged 11 to 15	Aged 11 to 20	Aged 16 and over	Aged 16 to 18	Aged 0 to 17	Aged 18 to 64	Aged 18 and over	Aged under 60	Aged 60 and over	Aged 85 and over
Isle of Anglesey	69,049	596	6,762	10,624	3,969	7,220	57,404	2,174	13,104	37,431	55,945	45,413	23,636	2,259
Gwynedd	117,591	1,053	10,937	17,519	6,585	13,993	98,274	3,810	21,857	68,146	95,734	81,747	35,844	3,845
Conwy	114,290	972	10,307	16,508	6,294	11,362	96,135	3,540	20,558	62,103	93,732	73,831	40,459	4,481
Denbighshire	96,558	968	9,554	15,357	5,842	10,680	79,554	3,321	19,303	53,166	77,255	65,479	31,079	3,098
Flintshire	155,319	1,485	15,251	24,624	9,431	17,156	128,035	5,298	30,887	90,672	124,432	111,158	44,161	3,939
Wrexham	135,394	1,370	14,092	22,382	8,396	15,422	110,699	4,695	27,925	79,567	107,469	99,001	36,393	3,478
Powys	133,891	1,187	11,772	18,874	7,104	13,138	113,192	4,182	23,551	72,546	110,340	85,431	48,460	4,823
Ceredigion	71,610	565	5,875	9,269	3,464	9,014	61,430	2,220	11,538	41,358	60,072	47,542	24,068	2,328
Pembrokeshire	124,367	1,118	11,863	18,995	7,171	13,178	103,628	4,077	23,539	67,880	100,828	81,931	42,436	4,171
Carmarthenshire	189,117	1,847	18,472	29,494	11,155	20,597	156,766	6,357	36,679	105,994	152,438	128,707	60,410	5,805
Swansea	241,282	2,376	23,519	37,329	13,993	30,092	200,047	8,008	46,469	145,123	194,813	176,794	64,488	6,795
Neath Port Talbot	142,158	1,421	14,262	22,666	8,467	17,508	117,345	5,113	28,161	83,458	113,997	101,897	40,261	3,758
Bridgend	146,136	1,498	14,852	23,339	8,750	15,999	120,269	4,880	29,192	86,142	116,944	105,659	40,477	3,805
The Vale of Glamorgan	133,492	1,420	14,263	22,505	8,493	14,935	108,658	4,491	27,849	75,911	105,643	94,876	38,616	3,788
Rhondda Cynon Taff	239,018	2,572	24,901	39,300	14,626	28,016	195,406	8,262	49,208	142,481	189,810	176,665	62,353	5,411
Merthyr Tydfil	58,883	670	6,489	10,003	3,588	6,644	47,697	1,927	12,476	35,186	46,407	43,700	15,183	1,261
Caerphilly	176,130	1,827	18,471	29,189	10,868	20,042	143,924	6,075	36,233	103,845	139,897	128,816	47,314	3,958
Blaenau Gwent	67,014	738	6,640	10,408	3,820	7,058	55,269	2,098	13,190	40,055	53,824	48,753	18,261	1,475
Torfaen	92,860	1,017	9,729	15,366	5,697	10,511	75,768	3,232	19,352	54,089	73,508	67,249	25,611	2,458
Monmouthshire	93,886	796	8,318	13,579	5,291	9,446	78,991	2,943	16,903	52,447	76,983	62,466	31,420	3,362
Newport	161,506	2,030	18,721	28,857	10,390	18,708	128,728	5,572	36,549	97,588	124,957	124,783	36,723	3,560
Cardiff	372,089	3,889	38,348	59,747	21,857	53,817	305,134	12,934	75,106	243,083	296,983	299,664	72,425	7,269
Wales	3,131,640	31,415	313,398	495,934	185,251	364,536	2,582,353	105,209	619,629	1,838,271	2,512,011	2,251,562	880,078	85,127

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Table 5: Relative Change in population Census 2021 vs 2023-24 Settlement Population Data

Relative Change percentage points (pp) in population Census 2021 vs 2023-24 Settlement Population Data														
	Total	Aged 3	Aged 3 to 11	Aged 3 to 16	Aged 11 to 15	Aged 11 to 20	Aged 16 and over	Aged 16 to 18	Aged 0 to 17	Aged 18 to 64	Aged 18 and over	Aged under 60	Aged 60 and over	Aged 85 and over
Isle of Anglesey	0.01	-0.01	0.03	0.02	0.00	0.02	0.01	0.05	0.02	0.01	0.01	0.02	0.00	-0.03
Gwynedd	-0.09	-0.11	-0.06	-0.06	-0.06	-0.14	-0.09	-0.18	-0.09	-0.10	-0.09	-0.11	-0.03	-0.02
Conwy	-0.02	-0.03	-0.02	-0.02	-0.04	-0.03	-0.02	-0.09	-0.02	0.02	-0.02	0.02	-0.10	-0.27
Denbighshire	0.03	0.04	0.01	0.00	0.00	0.01	0.03	0.01	0.02	0.03	0.03	0.04	0.02	0.20
Flintshire	0.01	-0.07	-0.06	-0.06	-0.05	-0.07	0.03	-0.13	-0.05	0.04	0.03	0.02	0.01	-0.10
Wrexham	0.03	0.05	0.02	0.00	-0.02	-0.05	0.03	-0.15	0.00	0.05	0.04	0.04	0.01	-0.01
Powys	0.06	0.06	0.03	0.03	0.03	0.04	0.06	-0.02	0.03	0.08	0.06	0.07	0.04	-0.08
Ceredigion	0.04	-0.02	-0.01	-0.04	-0.07	-0.07	0.05	0.12	-0.03	0.07	0.05	0.05	0.01	-0.12
Pembrokeshire	-0.01	0.09	0.07	0.04	-0.04	-0.03	-0.02	-0.08	0.04	0.01	-0.02	0.03	-0.08	-0.26
Carmarthenshire	0.04	0.01	-0.01	-0.01	-0.02	-0.02	0.04	-0.03	0.01	0.05	0.04	0.04	0.03	0.21
Swansea	-0.10	-0.11	-0.06	-0.01	0.07	-0.05	-0.11	-0.02	-0.04	-0.17	-0.11	-0.17	0.08	0.12
Neath Port Talbot	0.01	0.06	0.03	0.07	0.10	0.20	0.00	0.16	0.04	0.00	0.00	0.01	0.02	0.19
Bridgend	0.00	-0.04	-0.01	0.02	0.04	0.02	0.01	0.00	0.01	0.00	0.00	0.01	-0.01	0.09
The Vale of Glamorgan	-0.02	-0.03	-0.01	-0.01	0.01	-0.01	-0.03	-0.07	0.00	-0.04	-0.03	-0.03	-0.01	0.17
Rhondda Cynon Taff	0.00	-0.09	0.03	0.05	0.05	-0.02	-0.01	0.04	0.05	-0.04	-0.02	-0.03	0.04	-0.08
Merthyr Tydfil	-0.01	0.02	-0.04	-0.04	-0.03	-0.03	-0.01	-0.01	-0.03	-0.01	-0.01	-0.01	-0.02	-0.03
Caerphilly	-0.04	0.06	0.04	0.01	0.00	-0.04	-0.04	-0.01	0.01	-0.06	-0.05	-0.04	-0.02	-0.06
Blaenau Gwent	-0.02	0.01	0.00	-0.01	-0.01	-0.04	-0.02	-0.11	-0.01	-0.02	-0.02	-0.02	-0.02	-0.03
Torfaen	0.00	0.03	0.00	0.02	0.03	-0.02	0.00	-0.09	0.02	0.00	0.00	0.01	-0.01	-0.03
Monmouthshire	-0.01	0.00	-0.02	-0.03	-0.03	-0.02	-0.01	-0.07	-0.01	0.00	-0.01	0.00	-0.04	-0.05
Newport	0.06	-0.03	-0.06	-0.02	0.02	0.01	0.08	0.06	0.00	0.09	0.08	0.07	0.03	0.10
Cardiff	0.02	0.10	0.09	0.06	0.01	0.34	0.02	0.63	0.04	0.00	0.02	0.00	0.03	0.12
Wales														

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Table 6: Relative Change in population Mid-Year 2021 estimates vs 2023-24 Settlement Population Data

Relative Change percentage points (pp) in population Mid-Year 2021 estimates vs 2023-24 Settlement Population Data														
	Total	Aged 3	Aged 3 to 11	Aged 3 to 16	Aged 11 to 15	Aged 11 to 20	Aged 16 and over	Aged 16 to 18	Aged 0 to 17	Aged 18 to 64	Aged 18 and over	Aged under 60	Aged 60 and over	Aged 85 and over
Isle of Anglesey	0.01	0.03	0.02	0.02	0.01	0.06	0.01	0.10	0.01	0.02	0.01	0.03	-0.01	-0.05
Gwynedd	-0.09	0.06	-0.04	-0.05	-0.06	-0.22	-0.10	-0.23	-0.09	-0.11	-0.10	-0.11	-0.04	-0.07
Conwy	-0.02	0.04	-0.01	-0.03	-0.05	0.02	-0.02	-0.01	-0.02	0.03	-0.02	0.04	-0.10	-0.35
Denbighshire	0.04	0.00	0.02	0.01	-0.01	0.06	0.04	0.08	0.03	0.04	0.04	0.05	0.02	0.21
Flintshire	0.02	-0.15	-0.05	-0.07	-0.04	0.01	0.04	0.00	-0.05	0.05	0.04	0.03	0.00	-0.05
Wrexham	0.03	-0.09	0.02	0.00	-0.02	0.00	0.04	-0.02	-0.01	0.06	0.04	0.04	0.01	0.02
Powys	0.07	0.12	0.03	0.03	0.01	0.09	0.08	0.10	0.03	0.09	0.08	0.11	0.04	-0.07
Ceredigion	0.01	-0.01	-0.02	-0.04	-0.07	-0.21	0.02	-0.12	-0.02	0.03	0.02	0.02	0.01	-0.16
Pembrokeshire	0.01	0.14	0.06	0.03	-0.05	0.03	0.00	0.06	0.04	0.03	0.00	0.05	-0.08	-0.25
Carmarthenshire	0.05	0.05	-0.01	-0.01	-0.03	0.05	0.06	0.11	0.00	0.07	0.06	0.07	0.04	0.21
Swansea	-0.11	0.07	-0.05	0.00	0.07	-0.21	-0.13	-0.14	-0.03	-0.20	-0.13	-0.20	0.09	0.16
Neath Port Talbot	0.00	0.03	0.02	0.06	0.08	0.19	0.00	0.00	0.04	-0.01	-0.01	0.00	0.01	0.15
Bridgend	0.02	-0.12	0.00	0.02	0.02	0.09	0.02	0.12	0.01	0.02	0.02	0.02	0.00	0.12
The Vale of Glamorgan	0.00	-0.05	0.00	0.00	0.01	0.07	0.00	0.07	0.00	-0.01	0.00	0.00	0.00	0.14
Rhondda Cynon Taff	0.00	0.04	0.02	0.06	0.05	0.04	-0.01	0.17	0.04	-0.03	-0.01	-0.03	0.03	-0.08
Merthyr Tydfil	-0.01	-0.08	-0.04	-0.04	-0.03	-0.01	-0.01	-0.01	-0.03	0.00	-0.01	-0.01	-0.02	-0.01
Caerphilly	-0.03	0.06	0.05	0.01	0.01	0.02	-0.04	0.07	0.00	-0.04	-0.04	-0.04	-0.01	-0.06
Blaenau Gwent	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	-0.01	-0.06	-0.01	-0.01	-0.01	-0.01	-0.02	-0.01
Torfaen	0.01	0.05	0.00	0.02	0.03	0.03	0.01	-0.02	0.02	0.01	0.01	0.02	-0.01	0.00
Monmouthshire	0.00	-0.01	-0.02	-0.03	-0.02	0.02	0.00	-0.02	-0.02	0.02	0.00	0.02	-0.04	-0.06
Newport	0.07	-0.16	-0.07	-0.03	0.03	0.07	0.09	0.14	0.01	0.10	0.09	0.06	0.03	0.13
Cardiff	-0.05	-0.03	0.08	0.06	0.06	-0.20	-0.08	-0.38	0.06	-0.12	-0.08	-0.17	0.05	0.09
Wales														

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Table 7: Relative Change in population Mid-Year 2022 estimates vs 2023-24 Settlement Population Data

	Relative Change percentage points (pp) in population Mid-Year 2022 estimates vs 2023-24 Settlement Population Data													
	Total	Aged 3	Aged 3 to 11	Aged 3 to 16	Aged 11 to 15	Aged 11 to 20	Aged 16 and over	Aged 16 to 18	Aged 0 to 17	Aged 18 to 64	Aged 18 and over	Aged under 60	Aged 60 and over	Aged 85 and over
Isle of Anglesey	0.00	-0.21	0.01	0.00	0.02	0.04	0.00	0.05	-0.01	0.00	0.00	0.00	-0.01	-0.01
Gwynedd	-0.11	-0.20	-0.09	-0.09	-0.14	-0.28	-0.11	-0.19	-0.10	-0.13	-0.11	-0.13	-0.06	-0.11
Conwy	-0.06	-0.12	-0.06	-0.07	-0.08	-0.07	-0.06	-0.04	-0.06	-0.03	-0.06	-0.04	-0.13	-0.45
Denbighshire	0.03	0.13	0.01	0.01	-0.01	0.02	0.03	0.06	0.03	0.03	0.03	0.03	0.02	0.21
Flintshire	-0.01	-0.24	-0.13	-0.13	-0.11	-0.08	0.00	0.01	-0.08	0.01	0.01	-0.02	0.01	-0.02
Wrexham	0.00	-0.22	-0.02	-0.03	-0.02	-0.03	0.01	0.08	-0.03	0.01	0.01	0.00	0.00	0.08
Powys	0.05	0.04	0.07	0.02	-0.03	0.01	0.05	0.06	0.03	0.05	0.05	0.05	0.03	-0.09
Ceredigion	0.02	0.02	-0.01	-0.03	-0.05	-0.13	0.03	-0.16	-0.02	0.04	0.03	0.02	0.01	-0.23
Pembrokeshire	0.00	0.02	0.04	0.01	-0.08	-0.02	-0.01	0.09	0.03	0.01	-0.01	0.02	-0.06	-0.26
Carmarthenshire	0.03	0.07	0.01	-0.02	-0.05	-0.04	0.04	0.05	-0.02	0.03	0.04	0.01	0.06	0.23
Swansea	-0.07	0.04	0.04	0.10	0.13	-0.11	-0.09	-0.08	0.04	-0.15	-0.09	-0.11	0.05	0.08
Neath Port Talbot	-0.03	-0.09	-0.01	0.02	0.03	0.23	-0.03	0.15	0.01	-0.05	-0.04	-0.04	-0.01	0.15
Bridgend	-0.01	-0.09	-0.06	-0.03	0.07	0.04	-0.01	0.05	-0.03	-0.02	-0.01	-0.03	0.03	0.25
The Vale of Glamorgan	-0.01	0.03	0.05	0.05	0.09	0.01	-0.02	-0.07	0.02	-0.03	-0.01	-0.01	0.01	0.14
Rhondda Cynon Taff	-0.02	0.22	0.01	0.01	0.01	-0.03	-0.02	0.04	-0.01	-0.04	-0.02	-0.04	0.04	0.02
Merthyr Tydfil	-0.03	-0.05	-0.03	-0.03	-0.03	-0.03	-0.03	-0.06	-0.04	-0.02	-0.02	-0.03	-0.02	-0.01
Caerphilly	-0.07	-0.22	-0.01	-0.02	-0.03	-0.07	-0.08	0.05	-0.07	-0.09	-0.07	-0.09	-0.02	-0.04
Blaenau Gwent	-0.03	0.13	-0.01	-0.01	-0.01	-0.04	-0.03	-0.05	-0.01	-0.04	-0.03	-0.03	-0.02	-0.03
Torfaen	0.00	0.10	-0.01	0.01	0.02	0.05	0.00	0.12	0.03	-0.01	-0.01	0.00	-0.01	-0.01
Monmouthshire	-0.01	-0.02	-0.01	-0.03	-0.01	-0.05	-0.01	-0.10	-0.01	0.00	-0.01	0.00	-0.03	-0.05
Newport	0.08	0.27	0.02	0.05	0.08	0.06	0.09	0.14	0.08	0.11	0.09	0.11	0.02	0.13
Cardiff	0.25	0.40	0.18	0.19	0.19	0.52	0.26	-0.21	0.21	0.31	0.26	0.32	0.08	0.04
Wales														

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Annex B

Table 8: Exemplifications on the 2023-24 settlement (AEF), Population Data Option 1 vs Option 2 vs Option 3

Unitary Authority	Settlement				Difference Value			Difference %		
	2023-24	Option 1	Option 2	Option 3	Option 1	Option 2	Option 3	Option 1	Option 2	Option 3
	<i>£'000</i>									
Angelsey	123,665	123,847	123,905	123,491	182	240	-173	0.15%	0.19%	-0.14%
Gwynedd	228,036	226,348	226,248	225,609	-1,688	-1,788	-2,427	-0.74%	-0.79%	-1.08%
Conwy	198,598	197,923	197,936	196,731	-675	-662	-1,867	-0.34%	-0.33%	-0.95%
Denbighshire	188,024	188,859	189,019	188,927	836	996	903	0.44%	0.53%	0.48%
Flintshire	251,995	251,895	252,026	251,252	-100	31	-742	-0.04%	0.01%	-0.30%
Wrexham	224,836	225,358	225,399	224,825	521	563	-12	0.23%	0.25%	-0.01%
Powys	228,665	229,659	229,953	229,368	994	1,288	703	0.43%	0.56%	0.31%
Ceredigion	129,198	129,555	129,003	129,133	358	-194	-64	0.28%	-0.15%	-0.05%
Pembrokeshire	212,675	212,377	212,649	212,265	-298	-26	-410	-0.14%	-0.01%	-0.19%
Carmarthenshire	338,410	339,279	339,579	339,183	869	1,168	772	0.26%	0.34%	0.23%
Swansea	418,282	416,549	416,457	417,380	-1,734	-1,825	-902	-0.41%	-0.44%	-0.22%
Neath Port Talbot	276,696	277,390	277,122	276,441	694	426	-255	0.25%	0.15%	-0.09%
Bridgend	250,182	250,420	250,596	250,242	238	414	60	0.10%	0.17%	0.02%
Vale of Glamorgan	202,797	202,605	202,953	203,019	-192	156	222	-0.09%	0.08%	0.11%
RCT	471,317	471,034	471,225	471,169	-283	-93	-148	-0.06%	-0.02%	-0.03%
Merthyr	118,614	118,270	118,264	118,065	-344	-351	-549	-0.29%	-0.30%	-0.46%
Caerphilly	339,960	339,294	339,401	338,438	-666	-560	-1,522	-0.20%	-0.16%	-0.45%
Blaenau Gwent	139,730	139,344	139,458	139,212	-387	-273	-518	-0.28%	-0.20%	-0.37%
Torfaen	172,405	172,412	172,637	172,432	6	232	27	0.00%	0.13%	0.02%
Monmouthshire	122,675	122,365	122,507	122,439	-309	-167	-236	-0.25%	-0.14%	-0.19%
Newport	289,522	290,669	290,739	291,523	1,147	1,216	2,001	0.40%	0.42%	0.69%
Cardiff	593,605	594,437	592,814	598,744	832	-791	5,139	0.14%	-0.13%	0.86%
Total Unitary Authorities	5,519,889	5,519,889	5,519,889	5,519,889						

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Annex C

Table 9: List of settlement 2023-24 indicators

Need indicator	Data Year	Indicator Updated
Population, all ages	2023 & 2021	X
Population aged 3 to 11	2023 & 2021	X
Population aged 3 to 16	2023 & 2021	X
Population aged 11 to 20	2023 & 2021	X
Population aged 18 to 64	2023 & 2021	X
Population aged 16 and over	2023 & 2021	X
Population aged 18 and over	2023 & 2021	X
Population aged under 60	2023 & 2021	X
Population aged 60 and over	2023 & 2021	X
Population aged 85 and over	2023 & 2021	X
Population aged 11 to 15 and secondary school pupils in year groups 12 to 14	2023, 2022 & 2021	X
Population aged 16 to 18 other than at school	2023, 2022 & 2021	X
Enhanced population	2023, 2021 & 2019	X
Primary school pupils and modelled nursery school pupils	2022	
Secondary school pupils in year groups 7 to 11	2022	

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Secondary school pupils in year groups 10 and 11	2022	
Primary school pupils eligible for free school meals	2022, 2021, 2018 & 2017	
Secondary school pupils eligible for free school meals	2022, 2021, 2018 & 2017	
Area per modelled primary school index	2022	
Area per modelled secondary school index	2022	
Dependent children in households where head is in a low occupational classification	2001	
Dependent children in lone adult households	2001	
Dependent children in social rented housing	2001	
Dependent children in overcrowded housing	2001	
Pensioners living alone in households	2001	
Pensioners with a limiting long-term illness	2001	
Households where head is aged 18 to 64 with no carer	2001	
Adults aged 18 to 64 in non-white ethnic groups	2001	
Population aged under 18 in wards with weighted density greater than the Welsh average	2001	
Dispersion threshold 2,500 (1991)	1991	

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Dispersion threshold 5,000 (1991)	1991	
Dispersion threshold 300 (2001)	2001	
Dispersion threshold 7,500 (2001)	2001	
Settlement threshold 1,000	1991	
Settlement threshold 7,500	1991	
Settlement threshold 12,500	1991	
Settlement threshold 30,000	1991	
Settlement threshold 40,000	1991	
Population within settlement threshold 50,000	1991	
Total income support, job seekers allowance, pension credit or universal credit (not in employment) claimants	2022	
Dependent children in out of work families	2017	
Income support, job seekers allowance, pension credit or universal credit (not in employment) claimants, aged 18-64	2022	
Income support, job seekers allowance or pension credit claimants, aged 65 and over	2022	
Severe disablement allowance or disability living allowance or personal independence payment claimants, aged 18 to 64	2022	
Number of deaths from all causes	2021	
Index-weighted working age population	2004, 2021 & 2023	

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Total homelessness decisions	2013-14 to 2015-16	
Housing General Capital Funding	2023-24	
Planning applications received	2018-19 to 2020-21	
Urban road length	2022	
Weighted Road Length	2022	
Traffic flow	2019	
Street lighting units	2022	
Length of artificially protected coastline	2022	
Ships arriving at ports	2022	
All dwellings	2022	
Food premises	2022	
Trading premises	2022	
Land drainage levies	2022-23	
National park levies	2022-23	
Deprivation Grant	2000	
Housing Benefit Recipients	2016-2018	
Council Tax Reduction Schemes Expenditure	2021-22	
Council Tax Reduction Schemes Caseload	2021-22	
Gate Fees	2023-24	