

**Distribution Sub-Group (2022) Paper 08 –
Population data Census 2021 for the 2023-24 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 2023-24 settlement

Summary

1. Following the publication of the 2021 census population age breakdowns, this paper assesses the population data to be used within the 2023-24 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 2023-24 settlement.

Related papers

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

Background

6. Population data is used across the UK by national and local government to plan and fund services. The most authoritative population estimates are derived from the census, which takes place every 10 years in the UK. More information on the background can be found in *Distribution Sub-Group (2022) Paper 05 – Population data for the 2023-24 settlement*.
7. The latest published [Demography and migration in Wales \(Census 2021\)](#) was published on 2nd November 2022, this includes unrounded population and household estimates published on [StatsWales](#).

Current Analysis

8. Previously the DSG had agreed to use a hybrid of the available 2021 Census population data and the 2018-based population projections for 2023 and provide DSG the financial implications as soon as the further population age breakdowns become available.
9. The following section will now investigate the full financial implications of using all the unrounded population Census 2021 data for the 2023-24 settlement. These population indicators will contribute all SSA associated with the pure population data. In particular they are used in the IBAs listed in table 7 in ANNEX C.

Census 2021 and population projections 2023

10. Table 1 and table 2 shows the Census 2021 population estimates and the 2018-based population projections for 2023 for information.

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11. Table 3 in Annex A shows the difference in population between the Census 2021 and the 2018-based population projections for 2023. The most notable differences can be seen in Swansea and Gwynedd where the Census 2021 population estimates are significantly lower than the 2018-based population projections for 2023. In contrast, Census 2021 population estimates for Ceredigion, Powys and Newport are greater than the 2018-based population projections for 2023.
12. Table 4 in Annex A considers the relative change of main settlement population indicators of population numbers from 2021 Census compared to 2023 Population Projections.

Re-distributional effect

13. Table 5 in Annex B is an extended analysis of the *Distribution Sub-Group (2022) Paper 05 – Population data for the 2023-24 settlement*. It analyses and compares the re-distributive financial impact of using the full unrounded Census 2021 population data.
14. By using all the Census 2021 population data for the 2023-24 settlement, Newport, Powys and Carmarthenshire have the largest monetary increases of £2,565k (1.0%), £1,621k (0.8%) and £1,468K (0.5%) respectively. The largest monetary decreases can be seen in Gwynedd and Swansea with decreases of £3,192k (1.5%) and £3,032 (0.8%) respectively.
15. By applying the full Census 2021 population data we can see significant financial implications. Table 6 in Annex B considers options of dampening these financial impacts and are explained in options i) – iii).

Discussion

16. DSG are asked to consider the current population projections data and the effects of applying the Census 2021 data.
17. In the last meeting DSG agreed to use a hybrid of the 2018-based population projections for 2023 together with the available elements of the 2021 population Census data. This analysis is displayed in table 5.
18. DSG are now asked to consider the following three options in the use of population data for the 2023-24 settlement and agree the most appropriate option to take. The analysis is displayed in table 6:
 - i) Use all the 2021 Census population data for 2023-24 settlement. This will use the most up to date accurate population data and set us up to use 2022 mid-year estimates for the 2024-25 settlement and 2021-based population projections for the 2025-26 settlement. Recommend that the Government applies floor funding where necessary.
 - ii) Use all the 2021 Census population data for 2023-24 settlement. Consider the isolated difference as a result of the Census population age breakdown data, taking 50% of the financial impact then add that value to the settlement distribution. This will dampen any significant financial implications before using datasets from 2021 Census population data in future settlements.
 - iii) Use all the 2021 Census population data and all the 2018-based population projections for 2023 and take an average of the population to use within the model. This will dampen any significant financial implications before transitioning to population datasets used in future settlements.

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Population data for future settlements

19. The release date for [2021 mid-year population estimates](#) will be based on the 2021 census and will be published in December 2022, hence will be too late to use in the 2023-24 settlement. The release date for 2022 mid-year population estimates will be based on the 2021 census and will likely be published in Autumn 2023. 2021-based subnational population projections will be published in Spring 2024. Hence analysis for the 2024-25 settlement could use 2022 mid-year estimates and the 2025-26 settlement could use 2021-based population projections for the year 2025.

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Annex A

Table 1: Census 2021 population estimates

UA	Census 2021													
	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	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 2: Population projections 2023 estimates

UA	Pop proj 2023													
	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	69,842	708	6,726	10,721	4,052	7,202	57,856	2,155	13,490	37,431	56,351	45,487	24,355	2,366
Gwynedd	125,539	1,223	11,518	18,638	7,148	15,965	104,686	4,360	23,749	72,697	101,790	87,998	37,541	4,066
Conwy	118,625	1,084	10,678	17,330	6,698	12,068	99,493	3,814	21,745	62,662	96,880	75,101	43,524	5,236
Denbighshire	96,198	971	9,596	15,659	6,052	10,896	78,896	3,380	19,625	52,263	76,573	64,678	31,520	2,845
Flintshire	157,626	1,685	16,034	26,095	10,010	18,209	128,688	5,636	32,776	90,353	124,850	112,512	45,114	4,156
Wrexham	136,419	1,515	14,262	23,004	8,730	16,163	110,833	4,951	29,042	78,821	107,377	99,165	37,254	3,520
Powys	132,597	1,229	11,595	19,049	7,320	13,315	111,509	4,300	24,004	70,565	108,593	83,492	49,104	5,108
Ceredigion	70,909	603	6,004	9,811	3,793	10,029	60,171	2,366	12,206	39,485	58,703	46,412	24,497	2,700
Pembrokeshire	126,580	1,156	11,657	19,167	7,609	13,739	105,539	4,222	23,905	67,958	102,675	81,876	44,704	4,739
Carmarthenshire	190,022	1,940	18,695	30,302	11,610	21,415	156,534	6,600	38,021	105,182	152,001	128,904	61,117	5,607
Swansea	250,004	2,551	23,859	37,707	14,040	31,557	207,529	8,440	47,970	151,801	202,034	185,023	64,982	6,823
Neath Port Talbot	144,894	1,524	14,346	22,740	8,494	16,430	119,385	4,988	28,823	84,939	116,071	103,726	41,168	3,578
Bridgend	148,576	1,638	15,240	23,904	8,799	16,239	121,687	5,020	30,301	86,940	118,274	107,234	41,342	3,629
The Vale of Glamorgan	136,448	1,510	14,314	22,797	8,544	15,363	111,085	4,823	28,638	77,556	107,810	96,876	39,572	3,634
Rhondda,Cynon,Taff	243,406	2,691	25,066	39,843	14,955	29,030	198,506	8,508	50,603	144,714	192,803	180,178	63,228	5,613
Merthyr Tydfil	61,080	723	6,792	10,554	3,808	7,046	49,188	2,080	13,326	35,882	47,754	45,125	15,955	1,330
Caerphilly	182,236	1,997	18,616	29,865	11,268	21,033	148,682	6,277	37,840	107,174	144,396	133,340	48,896	4,158
Blaenau Gwent	69,508	742	6,758	10,760	3,977	7,578	57,350	2,356	13,768	41,434	55,740	50,381	19,127	1,569
Torfaen	94,354	1,042	9,845	15,571	5,774	10,680	76,882	3,330	19,712	54,502	74,642	67,891	26,463	2,568
Monmouthshire	95,826	851	8,502	14,149	5,520	9,978	80,468	3,242	17,604	52,719	78,222	62,996	32,829	3,545
Newport	159,298	2,080	19,059	29,322	10,509	19,003	125,847	5,582	37,221	94,486	122,077	122,053	37,244	3,472
Cardiff	369,122	3,976	37,943	59,772	22,129	52,202	301,608	13,028	75,980	238,552	293,142	295,781	73,341	7,343
Wales	3,179,107	33,441	317,104	506,762	190,839	375,139	2,612,422	109,459	640,350	1,848,116	2,538,757	2,276,228	902,879	87,605

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Table 3: Difference in population data, Census 2021 vs 2023 projections

UA	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	-1.4%	-3.6%	2.5%	-0.4%	-5.4%	-2.1%	-1.2%	-0.3%	-2.0%	0.1%	-1.2%	0.3%	-4.5%	-8.0%
Gwynedd	-6.5%	-8.9%	-3.5%	-5.7%	-8.4%	-10.6%	-6.4%	-13.1%	-7.9%	-6.1%	-6.2%	-6.7%	-5.9%	-6.4%
Conwy	-3.3%	-4.6%	-1.7%	-3.9%	-7.6%	-6.2%	-3.1%	-9.5%	-4.4%	-0.1%	-3.0%	-0.3%	-8.3%	-14.2%
Denbighshire	-0.4%	-0.2%	0.2%	-2.4%	-5.9%	-3.9%	0.0%	-4.5%	-2.4%	1.3%	0.1%	1.1%	-3.6%	5.4%
Flintshire	-1.7%	-5.8%	-2.7%	-4.8%	-7.5%	-7.1%	-0.9%	-9.4%	-5.5%	0.4%	-0.7%	-0.7%	-4.2%	-9.6%
Wrexham	-1.0%	-0.8%	0.5%	-2.4%	-6.6%	-6.8%	-0.5%	-10.9%	-3.7%	1.2%	-0.2%	0.3%	-4.3%	-6.4%
Powys	0.4%	0.1%	1.1%	-1.2%	-4.3%	-2.2%	0.9%	-5.8%	-2.2%	2.9%	1.0%	2.6%	-3.2%	-8.1%
Ceredigion	0.8%	-5.5%	-1.8%	-6.2%	-12.1%	-9.4%	2.0%	5.3%	-6.3%	5.5%	2.3%	3.3%	-4.0%	-13.0%
Pembrokeshire	-2.5%	1.7%	3.4%	-0.7%	-7.5%	-6.0%	-2.8%	-8.7%	-1.6%	-0.7%	-2.8%	0.1%	-7.4%	-14.7%
Carmarthenshire	-1.1%	-2.7%	-1.0%	-2.9%	-6.2%	-5.3%	-0.7%	-5.9%	-3.4%	0.5%	-0.6%	0.1%	-3.7%	0.1%
Swansea	-4.6%	-5.9%	-2.2%	-2.9%	-3.9%	-5.6%	-4.7%	-5.3%	-4.5%	-5.3%	-4.6%	-5.4%	-2.4%	-2.9%
Neath Port Talbot	-1.8%	-0.6%	1.0%	0.3%	-1.7%	4.0%	-1.8%	1.5%	-1.9%	-1.3%	-1.8%	-1.0%	-3.7%	2.7%
Bridgend	-2.1%	-4.6%	-0.9%	-1.6%	-3.9%	-3.5%	-1.8%	-5.0%	-3.2%	-1.0%	-1.8%	-0.9%	-5.0%	-1.9%
The Vale of Glamorgan	-3.3%	-4.3%	-1.0%	-3.0%	-5.1%	-4.8%	-3.3%	-7.9%	-3.6%	-2.8%	-3.2%	-2.7%	-4.8%	1.8%
Rhondda,Cynon,Taff	-2.4%	-5.1%	0.2%	-1.3%	-4.5%	-5.0%	-2.3%	-3.8%	-2.4%	-2.1%	-2.4%	-2.0%	-3.4%	-8.0%
Merthyr Tydfil	-3.7%	-1.6%	-4.1%	-6.0%	-8.8%	-7.1%	-3.1%	-6.2%	-6.6%	-1.7%	-2.8%	-2.6%	-6.7%	-9.3%
Caerphilly	-3.4%	-1.1%	0.7%	-2.0%	-5.8%	-5.8%	-3.5%	-5.3%	-3.3%	-3.0%	-3.5%	-2.8%	-5.1%	-8.1%
Blaenau Gwent	-3.8%	-2.7%	-0.4%	-3.9%	-6.6%	-8.6%	-3.9%	-14.4%	-4.5%	-2.9%	-3.6%	-2.7%	-6.5%	-8.7%
Torfaen	-2.2%	-1.6%	-0.2%	-1.5%	-3.6%	-5.6%	-2.3%	-10.6%	-2.4%	-1.1%	-2.1%	-1.0%	-5.3%	-7.9%
Monmouthshire	-3.0%	-2.7%	-2.1%	-4.5%	-7.7%	-6.0%	-2.8%	-9.3%	-4.5%	-1.2%	-2.7%	-1.2%	-6.5%	-7.9%
Newport	0.2%	-4.1%	-2.4%	-3.2%	-4.9%	-4.1%	1.3%	-2.6%	-3.5%	2.2%	1.3%	1.2%	-3.2%	-1.2%
Cardiff	-1.8%	-1.6%	1.0%	-1.5%	-5.4%	0.1%	-1.8%	4.9%	-2.8%	-1.1%	-1.6%	-1.4%	-3.8%	-3.1%

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Table 4: Relative change of main settlement population indicators of population numbers from 2021 Census compared to 2023 Population Projections

UA	Total	Aged 3 to Aged 3 to	Aged 3 to Aged 3 to	Aged 11 Aged 11	Aged 11 Aged 11	Aged 16 Aged 16	Aged 16 Aged 16	Aged 0 to Aged 0 to	Aged 18 Aged 18	Aged 18 Aged 18	Aged under 60	Aged 60 and over	Aged 85 and over	
		Aged 3	11	16	to 15	to 20	and over	to 18	17	to 64	and over			
Isle of Anglesey	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Gwynedd	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%	-0.3%	-0.2%	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.1%	0.0%
Conwy	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.5%
Denbighshire	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.4%
Flintshire	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.1%	0.1%	0.1%	0.0%	0.0%	-0.2%
Wrexham	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.3%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%
Powys	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.2%	0.1%	0.1%	0.1%	-0.1%
Ceredigion	0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.2%	-0.1%	0.1%	0.1%	0.1%	0.0%	-0.2%
Pembrokeshire	0.0%	0.2%	0.1%	0.1%	-0.1%	-0.1%	0.0%	-0.2%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.5%
Carmarthenshire	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.4%
Swansea	-0.2%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	-0.2%	0.0%	-0.1%	-0.3%	-0.2%	-0.3%	0.2%	0.2%
Neath Port Talbot	0.0%	0.1%	0.1%	0.1%	0.2%	0.4%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%
Bridgend	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
The Vale of Glamorgan	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.3%
Rhondda, Cynon, Taff	0.0%	-0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%	0.0%	-0.1%	0.1%	-0.2%
Merthyr Tydfil	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%
Caerphilly	-0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%
Blaenau Gwent	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Torfaen	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Monmouthshire	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Newport	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.2%	0.1%	0.1%	0.2%
Cardiff	0.0%	0.2%	0.2%	0.1%	0.0%	0.7%	0.0%	1.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%

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Annex B

Table 5: Exemplifications on the 2022-23 settlement (AEF), (projections 2023, hybrid with available Census 2021 and full Census 2021)

	(a)	(b)	(c)	(d)	(b) - (a)	(c) - (a)	(d) - (a)	(b) - (a)	(c) - (a)	(d) - (a)
Unitary authority	2022-23 Settlement	Population Proj 2023	Hybrid inc Census 2021	All Pop Census 2021	Change (£000)	Change (£000)	Change (£000)	Change (%)	Change (%)	Change (%)
Isle of Anglesey	114,551	114,466	114,604	114,798	-85	52	247	-0.1%	0.0%	0.2%
Gwynedd	213,214	213,081	211,492	210,023	-134	-1,723	-3,192	-0.1%	-0.8%	-1.5%
Conwy	183,311	183,202	182,078	181,978	-109	-1,233	-1,333	-0.1%	-0.7%	-0.7%
Denbighshire	173,640	173,610	174,740	175,119	-30	1,100	1,479	0.0%	0.6%	0.9%
Flintshire	232,179	232,359	232,407	232,153	180	229	-25	0.1%	0.1%	0.0%
Wrexham	207,064	206,733	207,200	207,684	-331	136	620	-0.2%	0.1%	0.3%
Powys	210,261	210,080	210,950	211,882	-181	689	1,621	-0.1%	0.3%	0.8%
Ceredigion	119,421	119,142	119,539	119,776	-279	118	355	-0.2%	0.1%	0.3%
Pembrokeshire	196,257	196,236	195,292	195,716	-22	-965	-541	0.0%	-0.5%	-0.3%
Carmarthenshire	311,603	311,504	312,708	313,071	-98	1,106	1,468	0.0%	0.4%	0.5%
Swansea	386,592	386,696	385,437	383,560	104	-1,155	-3,032	0.0%	-0.3%	-0.8%
Neath Port Talbot	258,073	258,123	258,717	259,400	50	644	1,327	0.0%	0.2%	0.5%
Bridgend	232,368	232,629	233,025	233,058	261	657	690	0.1%	0.3%	0.3%
The Vale Of Glamorgan	186,015	186,409	186,249	186,059	394	234	44	0.2%	0.1%	0.0%
Rhondda Cynon Taf	441,441	441,513	441,245	440,990	72	-195	-450	0.0%	0.0%	-0.1%
Merthyr Tydfil	110,617	110,650	110,272	110,029	32	-345	-588	0.0%	-0.3%	-0.5%
Caerphilly	317,459	317,342	316,429	316,151	-117	-1,030	-1,307	0.0%	-0.3%	-0.4%
Blaenau Gwent	130,797	130,610	130,325	129,916	-187	-471	-880	-0.1%	-0.4%	-0.7%
Torfaen	160,120	160,105	160,069	160,123	-15	-51	3	0.0%	0.0%	0.0%
Monmouthshire	112,278	112,301	111,826	111,741	23	-452	-537	0.0%	-0.4%	-0.5%
Newport	265,617	266,141	267,519	268,182	524	1,902	2,565	0.2%	0.7%	1.0%
Cardiff	544,726	544,672	545,477	546,193	-53	752	1,467	0.0%	0.1%	0.3%
Total Unitary Authorities	5,107,603	5,107,603	5,107,603	5,107,603	0	0	0	0.0%	0.0%	0.0%

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Table 6: Dampening the financial impact of the Census 2021 population data options i) to iii)

	(a)	(d)	(d) 50%	(d) AVG	(d) - (a)	(d) 50% - (a)	(d) AVG - (a)	(d) - (a)	(d) 50% - (a)	(d) AVG - (a)
Unitary authority	2022-23 Settlement	i) All Pop Census 2021	ii) All Pop Census 2021 at 50%	iii) Average (Census 2021 and Proj 2023)	Change (£000)	Change (£000)	Change (£000)	Change (%)	Change (%)	Change (%)
Isle of Anglesey	114,551	114,798	114,675	114,633	247	123	81	0.2%	0.1%	0.1%
Gwynedd	213,214	210,023	211,619	211,568	-3,192	-1,596	-1,647	-1.5%	-0.7%	-0.8%
Conwy	183,311	181,978	182,645	182,603	-1,333	-666	-708	-0.7%	-0.4%	-0.4%
Denbighshire	173,640	175,119	174,380	174,354	1,479	740	713	0.9%	0.4%	0.4%
Flintshire	232,179	232,153	232,166	232,263	-25	-13	84	0.0%	0.0%	0.0%
Wrexham	207,064	207,684	207,374	207,208	620	310	145	0.3%	0.1%	0.1%
Powys	210,261	211,882	211,071	210,978	1,621	810	717	0.8%	0.4%	0.3%
Ceredigion	119,421	119,776	119,599	119,463	355	178	42	0.3%	0.1%	0.0%
Pembrokeshire	196,257	195,716	195,986	195,988	-541	-271	-270	-0.3%	-0.1%	-0.1%
Carmarthenshire	311,603	313,071	312,337	312,273	1,468	734	670	0.5%	0.2%	0.2%
Swansea	386,592	383,560	385,076	385,137	-3,032	-1,516	-1,455	-0.8%	-0.4%	-0.4%
Neath Port Talbot	258,073	259,400	258,736	258,749	1,327	664	676	0.5%	0.3%	0.3%
Bridgend	232,368	233,058	232,713	232,837	690	345	469	0.3%	0.1%	0.2%
The Vale Of Glamorgan	186,015	186,059	186,037	186,228	44	22	212	0.0%	0.0%	0.1%
Rhondda Cynon Taf	441,441	440,990	441,215	441,251	-450	-225	-190	-0.1%	-0.1%	0.0%
Merthyr Tydfil	110,617	110,029	110,323	110,343	-588	-294	-275	-0.5%	-0.3%	-0.2%
Caerphilly	317,459	316,151	316,805	316,755	-1,307	-654	-703	-0.4%	-0.2%	-0.2%
Blaenau Gwent	130,797	129,916	130,357	130,270	-880	-440	-527	-0.7%	-0.3%	-0.4%
Torfaen	160,120	160,123	160,121	160,112	3	1	-8	0.0%	0.0%	0.0%
Monmouthshire	112,278	111,741	112,009	112,026	-537	-268	-252	-0.5%	-0.2%	-0.2%
Newport	265,617	268,182	266,900	267,149	2,565	1,283	1,531	1.0%	0.5%	0.6%
Cardiff	544,726	546,193	545,459	545,417	1,467	734	692	0.3%	0.1%	0.1%
Total Unitary Authorities	5,107,603	5,107,603	5,107,603	5,107,603	0	0	0	0.0%	0.0%	0.0%

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Annex C

Table 7: List of settlement 2022-23 indicators

Need Indicator	Indicator value	SSA unit (£)	SSA element (£m)	(i) Population projections 2023 Exemplification	(ii) Hybrid inc Census 2021 Exemplification	(iii) All population Census 2021 data
Adults aged 18 to 64 in non-white ethnic groups	36,385	250	9			
Dependent children in households where head is in a low occupational classification	205,580	51	10			
Dependent children in lone adult households	141,102	74	10			
Dependent children in overcrowded housing	56,064	1,103	62			
Dependent children in social rented housing	146,568	574	84			
Dispersion threshold 2,500 (1991)	1,478,310,914	0	11			
Dispersion threshold 300 (2001)	3,029,899	11	35			
Dispersion threshold 5,000 (1991)	2,233,291,122	0	40			
Dispersion threshold 7,500 (2001)	14,527,903	1	20			
Households where head is aged 18 to 64 with no carer	954,274	115	110			
Pensioners living alone in households	171,110	1,328	227			
Need Indicator	Indicator value	SSA unit (£)	SSA element (£m)			
Pensioners with a limiting long-term illness	296,925	808	240			

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Population aged under 18 in wards with weighted density greater than the Welsh average	286,017	120	34			
Population within settlement threshold 50,000	474,180	21	10			
Settlement threshold 1,000	1,042,119	120	125			
Settlement threshold 7,500	1,477,233	54	79			
Settlement threshold 12,500	1,694,007	5	8			
Settlement threshold 30,000	2,019,764	14	29			
Settlement threshold 40,000	2,228,457	14	31			
Deprivation Grant	22,000	1,000	22			
Index-weighted working age population	1,406,736	18	25	X	X	X
Traffic flow	8,172,629,338	0	30			
Total homelessness decisions	15,128	1,373	21			
Dependent children in out of work families	126,900	3,986	506			
Housing Benefit Recipients	231,125	47	11			
Enhanced population (projected)	3,661,169	60	221	X	X	X
All dwellings	1,454,980	41	59			
Need Indicator	Indicator value	SSA unit (£)	SSA element (£m)			
Area per modelled primary school index	25,204	502	13			
Area per modelled secondary school index	211,399	117	25			
Council Tax Reduction Schemes Caseload	283,004	17	5			
Council Tax Reduction Schemes Expenditure	283,945,586	1	244			
Food premises	42,630	161	7			
Housing General Capital Funding	45,756	337	15			

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Income support, job seekers allowance, pension credit or universal credit (not in employment) claimants	131,795	213	28			
Land drainage levies	1,310,559	1	1			
Length of artificially protected coastline	118	16,789	2			
National park levies	3,492,866	1	3			
Number of deaths from all causes	37,399	-78	-3			
Pension credit claimants aged 65 and over	95,063	1,151	109			
Planning applications received	23,938	343	8			
Need Indicator	Indicator value	SSA unit (£)	SSA element (£m)			
Population aged 3 to 11 (projected)	320,374	81	26	X	X	X
Population aged 3 to 16 (projected)	506,876	496	251	X	X	X
Population aged 11 to 15 (projected) and secondary school pupils in year groups 12 to 14	211,324	208	44	X	X	X
Population aged 11 to 20 (projected)	368,496	48	18	X	X	X
Population aged 16 to 18 (projected) other than at school	83,672	41	3	X	X	X
Population aged 16 and over (projected)	2,602,837	5	13	X	X	X
Population aged 18 to 64 (projected)	1,849,883	228	421	X	X	X
Population aged 18 and over (projected)	2,531,294	5	13	X	X	X
Population aged under 60 (projected)	2,281,934	0	1	X	X	X

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Population aged 60 and over (projected)	889,188	11	10	X	X	X
Population aged 85 and over (projected)	86,152	1,758	151	X	X	X
Population, all ages (projected)	3,171,125	230	728	X	X	X
Need Indicator	Indicator value	SSA unit (£)	SSA element (£m)			
Primary school pupils and modelled nursery school pupils	260,454	3,979	1,036			
Primary school pupils eligible for free school meals	48,459	2,283	111			
Secondary school pupils eligible for free school meals	28,711	3,293	95			
Secondary school pupils in year groups 7 to 11	168,413	4,691	790			
Secondary school pupils in year groups 10 and 11	65,179	1,170	76			
Severe disablement allowance or disability living allowance claimants or personal independence payme	146,859	820	120			
Ships arriving at ports	6,176	74	0			
Street lighting units	397,391	88	35			
Total income support, job seekers allowance, pension credit or universal credit (not in employment)	228,728	138	32			
Trading premises	133,357	24	3			
Urban road length	15,128	1,912	23			
Weighted Road Length	228,728	1,368	54			
Gate Fees	133,357	1	13			
Current SSA			6,596			
Non-current SSA			350			

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Total SSA			6,946		
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