Digital Inclusion Index

June 2024

Data Summary

Population Distribution

All Usual Residents :
Population Density

▲ Higher Density Wards :

Persons	Ward
20,850	Toller
21,793	Bradford Moor
22,074	Little Horton
20,541	Manningham
19,020	Great Horton

▼ Lower Density Wards :

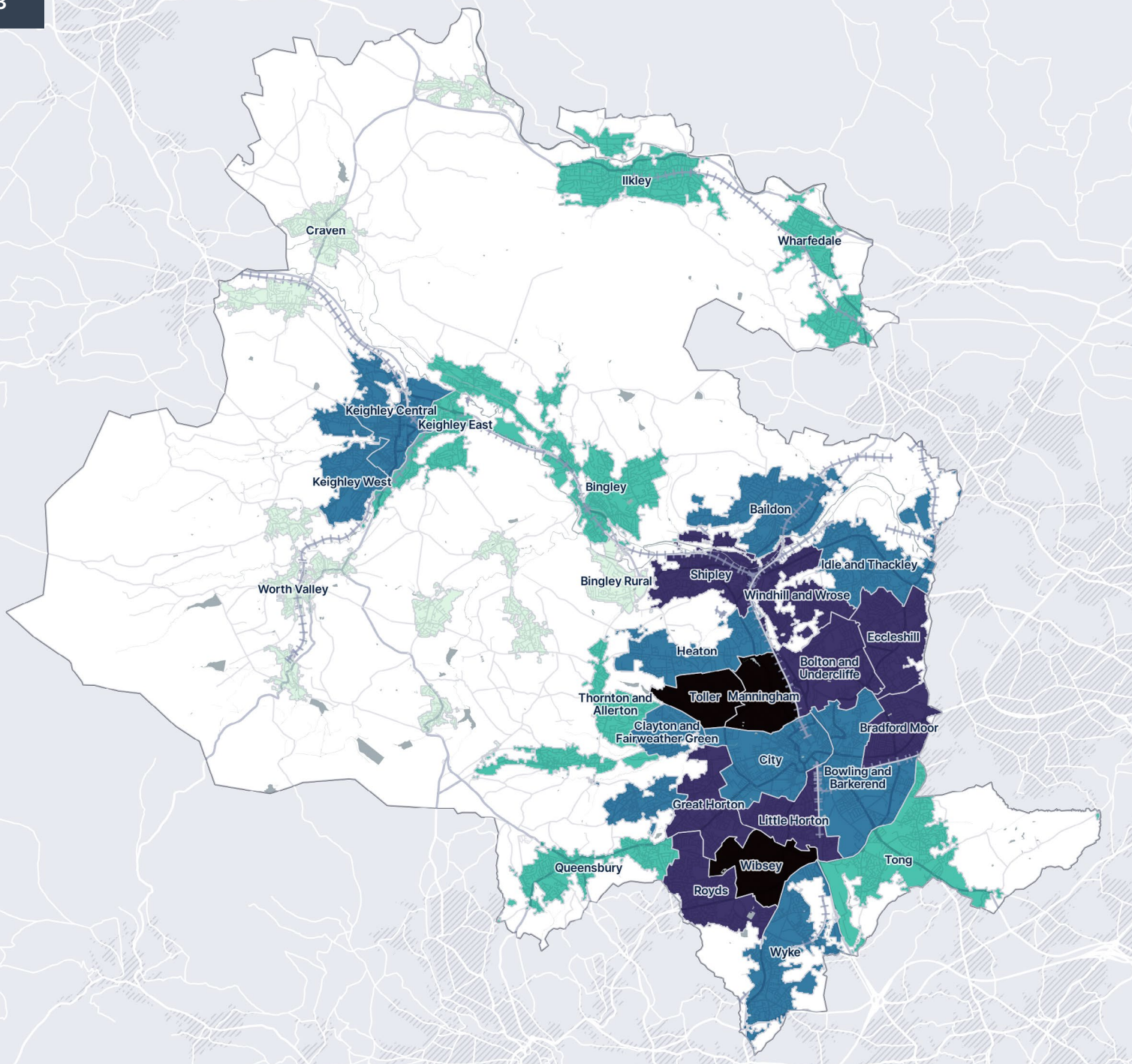| Persons	Ward
12,0566	Wharfedale
17,116	Keighley East
18,869	Bingley Rural
17,701	Craven
14,070	Worth Valley

Data Source [Census Date] :

» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:

» The statistics were produced for Wards.

» Density was calculated as people per Ward area (HA).

» Density was visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Lower density (people/HA) of **all usual residents**   **Higher** density (people/HA) of **all usual residents**

Lower density (people/HA) of population **aged 65+** ... **Higher** density (people/HA) of population **aged 65+**

Age Distribution

Elderly (65+) :
Population Density

15.20% of all usual residents were in the 65 and over age group.

▲ Higher Density Wards :

Persons	Ward
2,496	Wibsey
1,724	Toller
1,809	Manningham
2,597	Eccleshill
2,778	Windhill and Wrose

▼ Lower Density Wards :

| Persons	Ward
2,458	Tong
3,026	Keighley East
4,303	Bingley Rural
4,706	Craven
3,029	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
» The statistics were produced for Wards.
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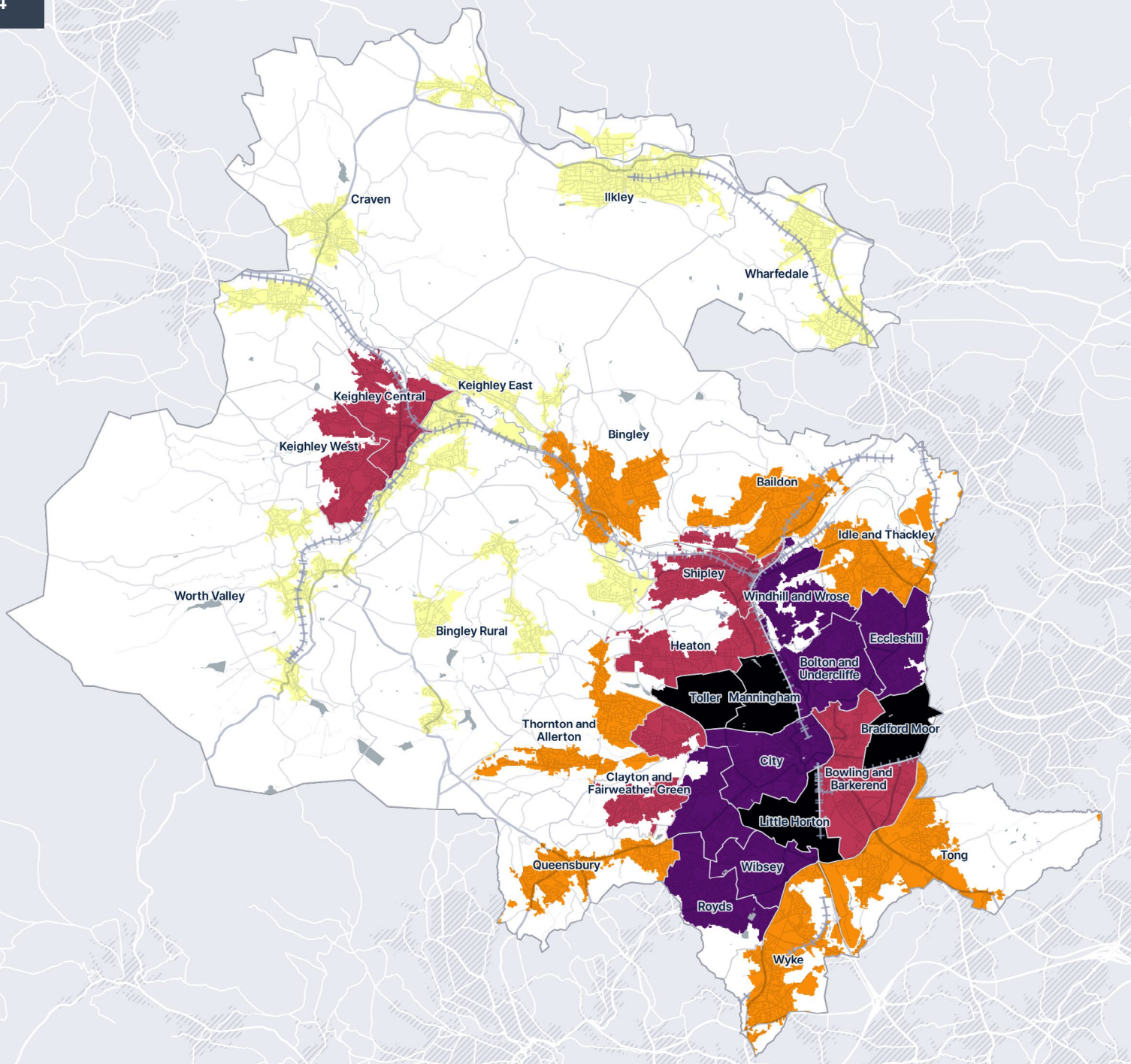
Disability

With Disability Under the Equity Act : Population Density

17.14% of all usual residents were identified as disabled under the Equality Act.

▲ Higher Density Wards :

Persons	Ward
3,031	Toller
3,302	Manningham
3,253	Bradford Moor
3,231	Little Horton
3,823	Eccleshill

▼ Lower Density Wards :

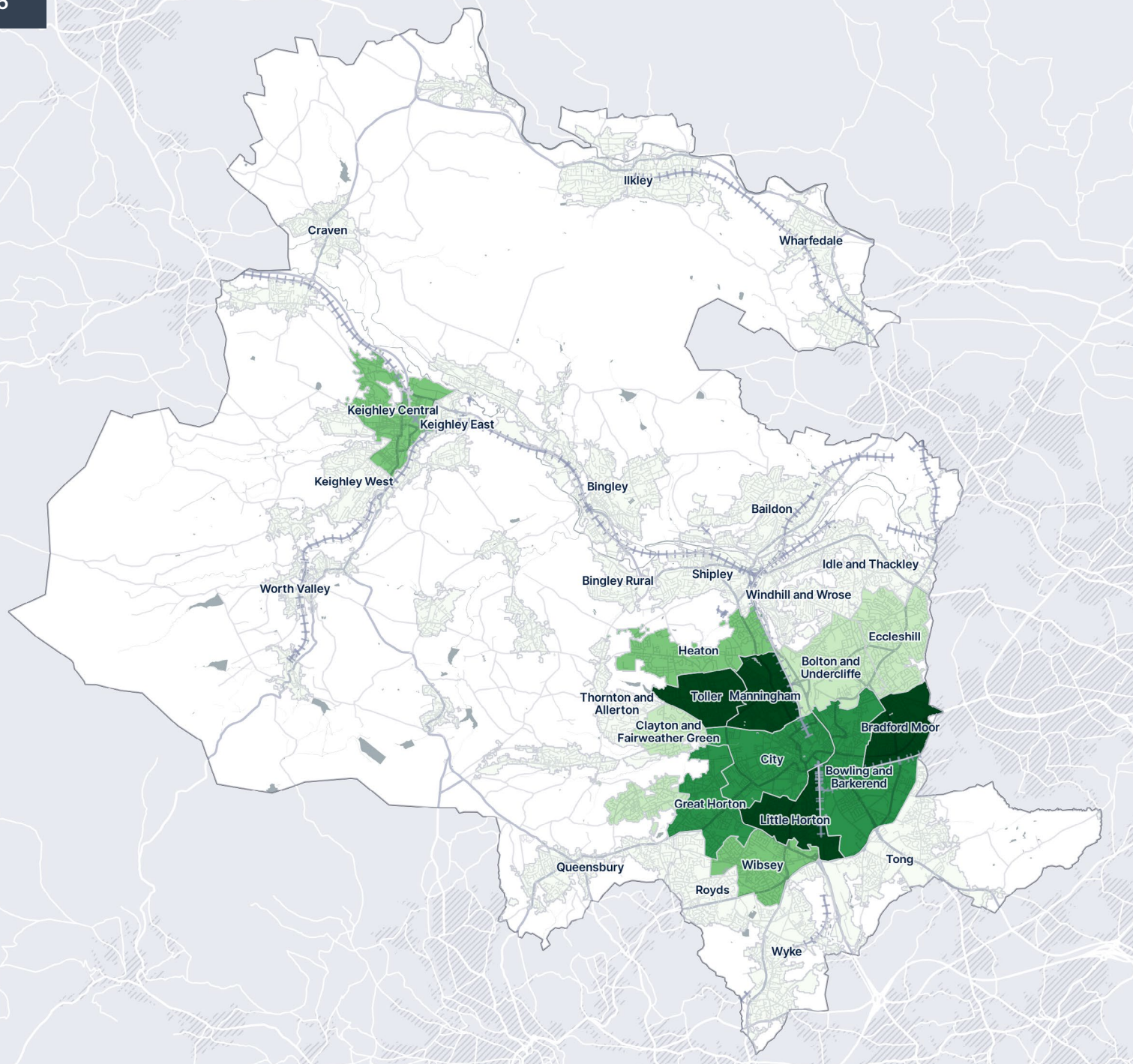| Persons	Ward
2,898	Keighley East
1,626	Wharfedale
3,183	Bingley Rural
3,056	Craven
2,310	Worth Valley

Data Source [Census Date] :

» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:

» The statistics were produced for Wards.

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Lower density (people/HA) of population **with disability**   **Higher** density (people/HA) of population **with disability**

Lower density (people/HA) of population **who cannot speak English or cannot speak it well**

Higher density (people/HA) of population **who cannot speak English or cannot speak it well**

Proficiency in English

Cannot Speak English or Cannot Speak it Well :
Population Density

3.99% of all usual residents cannot speak English or cannot speak it well.

▲ **Higher Density Wards :**

Persons	Ward
2,512	Manningham
2,057	Toller
2,324	Bradford Moor
2,277	Little Horton
2,568	City

▼ **Lower Density Wards :**

| Persons	Ward
48	Ilkley
73	Bingley Rural
17	Wharfedale
33	Craven
26	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
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» Density was visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.
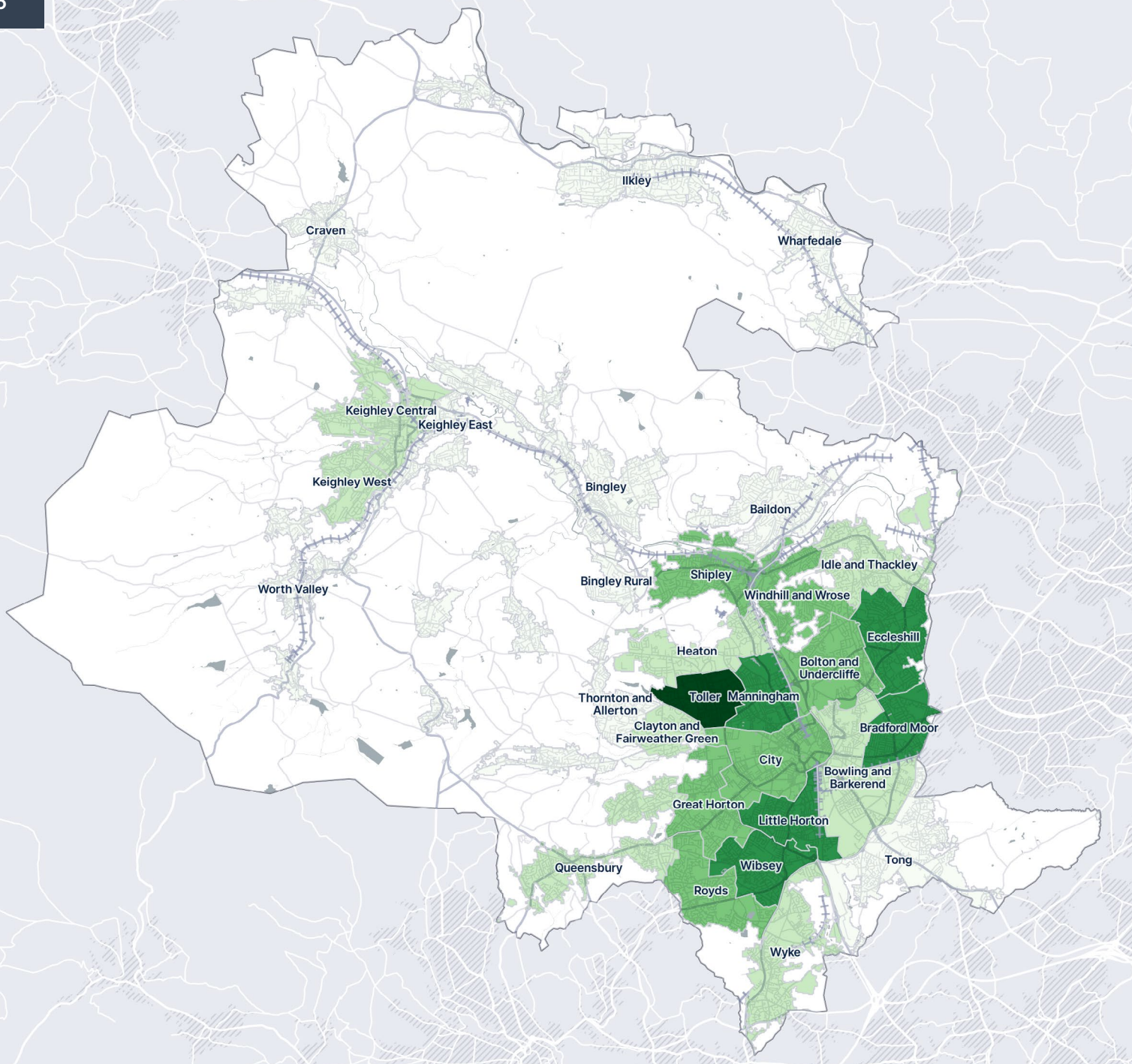
Economic Activity Status

Economically Active and Employed : Population Density

56.76% of all usual residents aged 16 years and over were economically active and employed (including full-time students) in 2021.

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▲ **Higher Density Wards :**

Persons	Ward
6,798	Toller
6,577	Bradford Moor
6,538	Little Horton
6,108	Manningham
6,485	Wibsey

▼ **Lower Density Wards :**

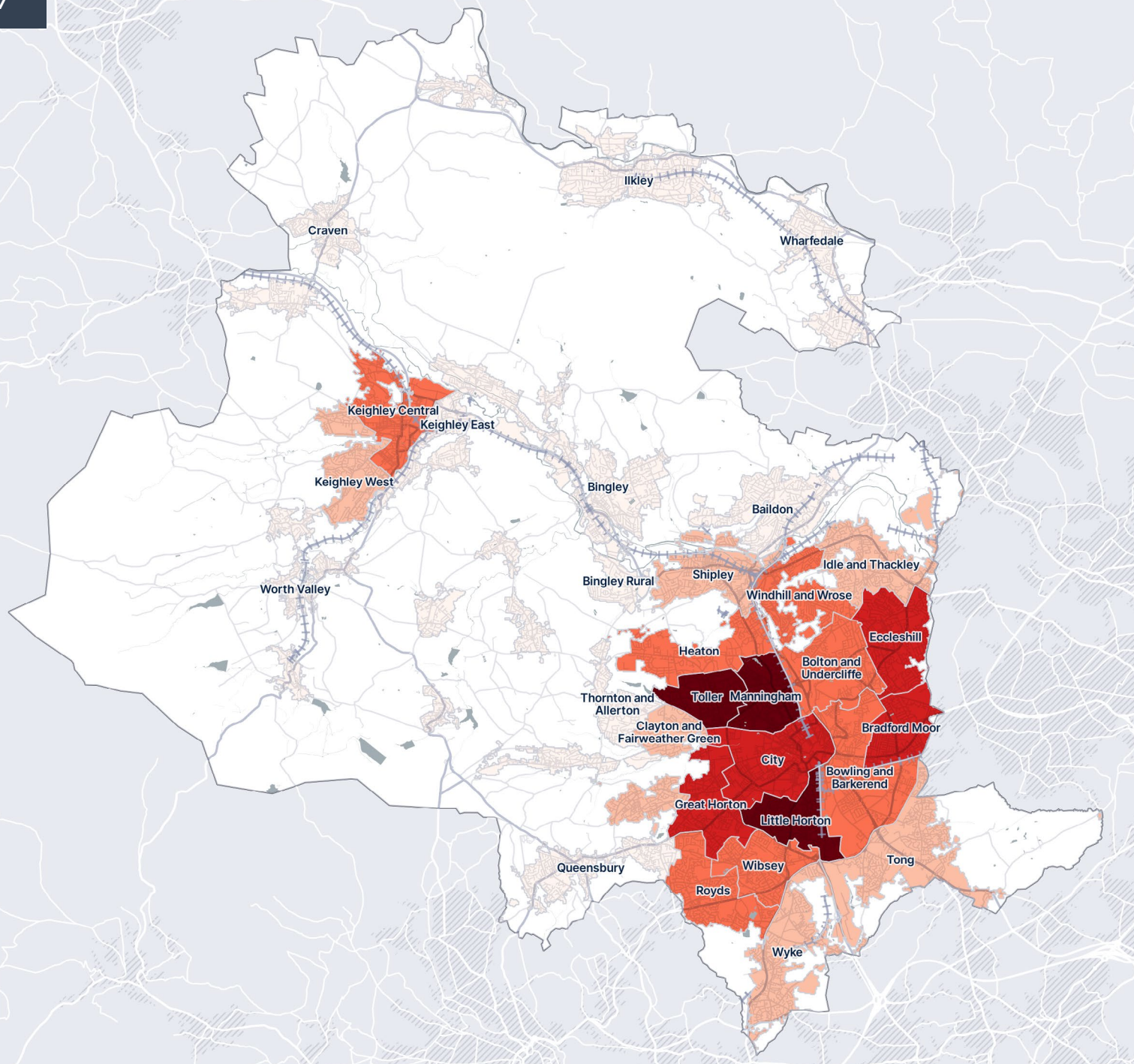| Persons	Ward
6,607	Ilkley
7,681	Keighley East
9,015	Bingley Rural
8,521	Craven
7,198	Worth Valley

Data Source [Census Date] :

» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:

» The statistics were produced for Wards.

» Density was calculated as people per Ward total area (HA).

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Lower density (people/HA) of **economically active and employed** population

Higher density (people/HA) of **economically active and employed** population

Economic Activity Status

Economically Active but Unemployed : Population Density

2.80% of all usual residents aged 16 years and over were economically active but unemployed (excluding full-time students) in 2021.

▲ **Higher Density Wards :**

Persons	Ward
934	Little Horton
782	Toller
862	Manningham
732	Bradford Moor
1,088	City

▼ **Lower Density Wards :**

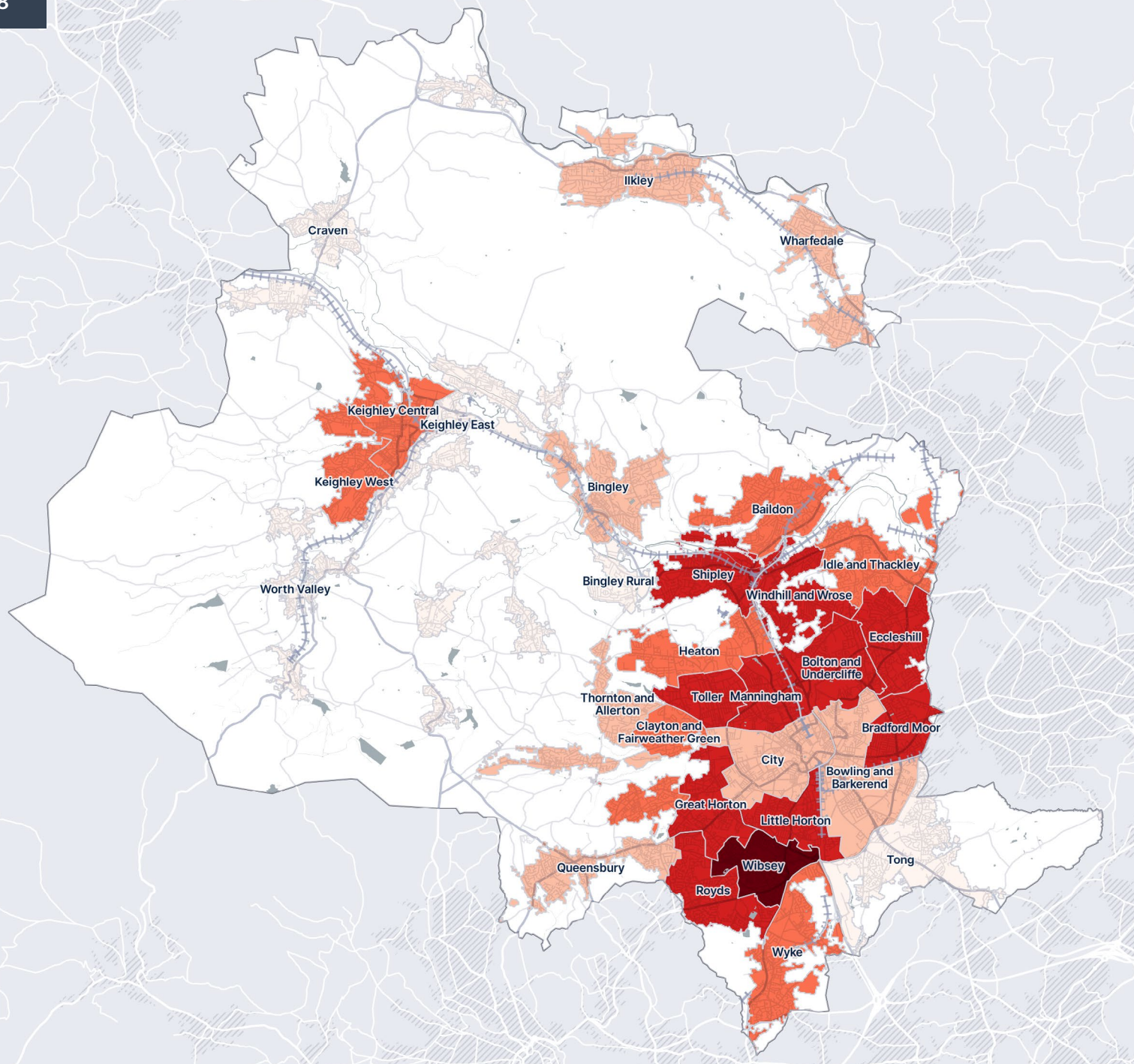| Persons	Ward
212	Ilkley
162	Wharfedale
282	Bingley Rural
226	Craven
239	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
» The statistics were produced for Wards.
» Density was calculated as people per Ward total area (HA).
» Density was visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Lower density (people/HA) of **economically active but employed** population

Higher density (people/HA) of **economically active but unemployed** population

Economic Activity Status

Economically Inactive Due to Retirement : Population Density

18.86% of all usual residents aged 16 years and over who were economically inactive due to retirement.

▲ **Higher Density Wards :**

Persons	Ward
2,379	Wibsey
2,488	Eccleshill
2,718	Windhill and Wrose
1,383	Toller
1,830	Great Horton

▼ **Lower Density Wards :**

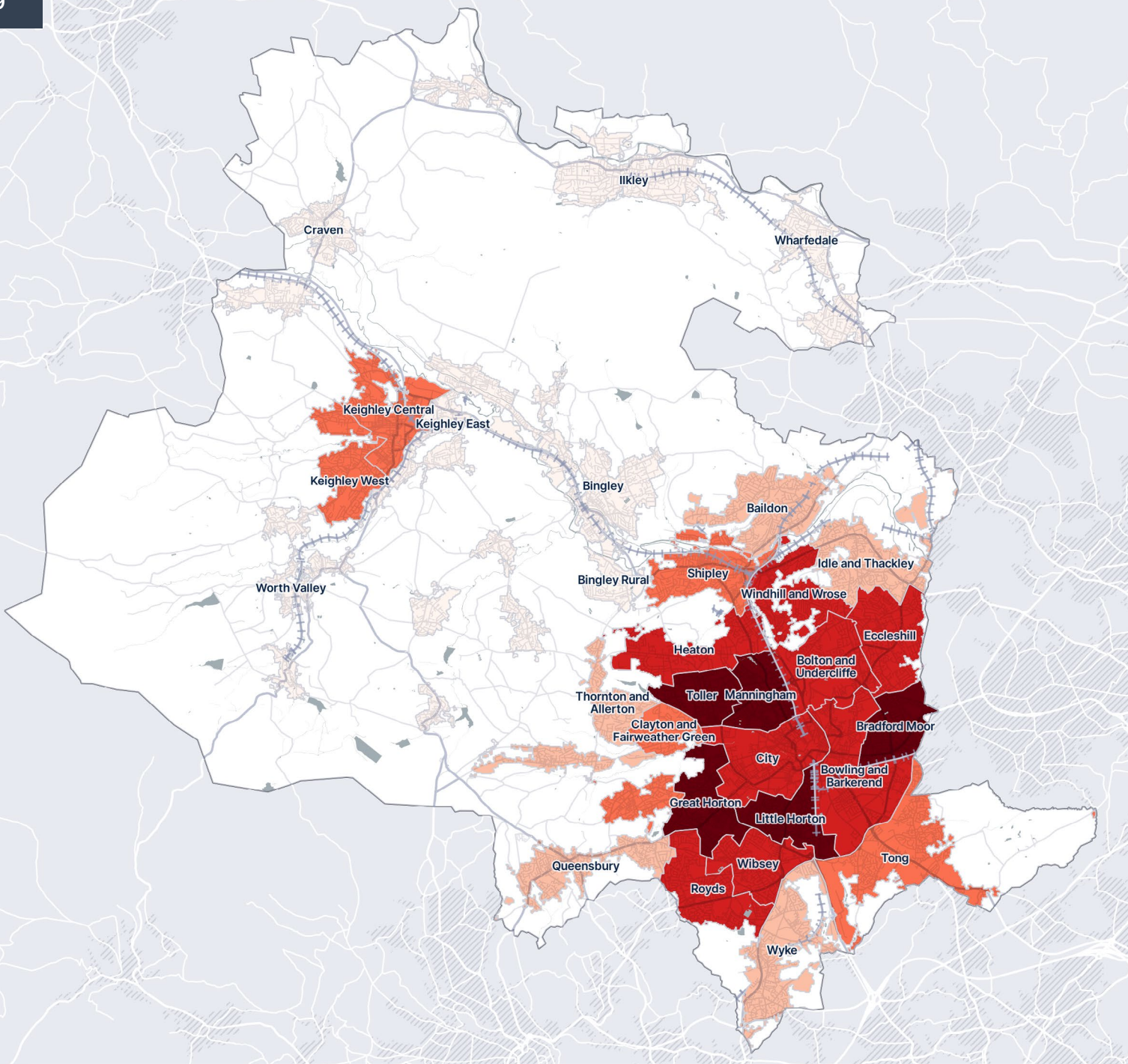| Persons	Ward
2,279	Tong
3,036	Keighley East
4,297	Bingley Rural
4,730	Craven
3,080	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
» The statistics were produced for Wards.
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» Density was visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Lower density (people/HA) of **economically inactive** population **due to retirement**

Higher density (people/HA) of **economically inactive** population **due to retirement**

Economic Activity Status

Economically Inactive Due to Long-term Sickness or Disability : Population Density

5.23% of all usual residents aged 16 years and over were economically inactive due to long-term sickness or disability.

▲ **Higher Density Wards :**

Persons	Ward
1,183	Manningham
913	Toller
1,049	Little Horton
991	Bradford Moor
855	Great Horton

▼ **Lower Density Wards :**

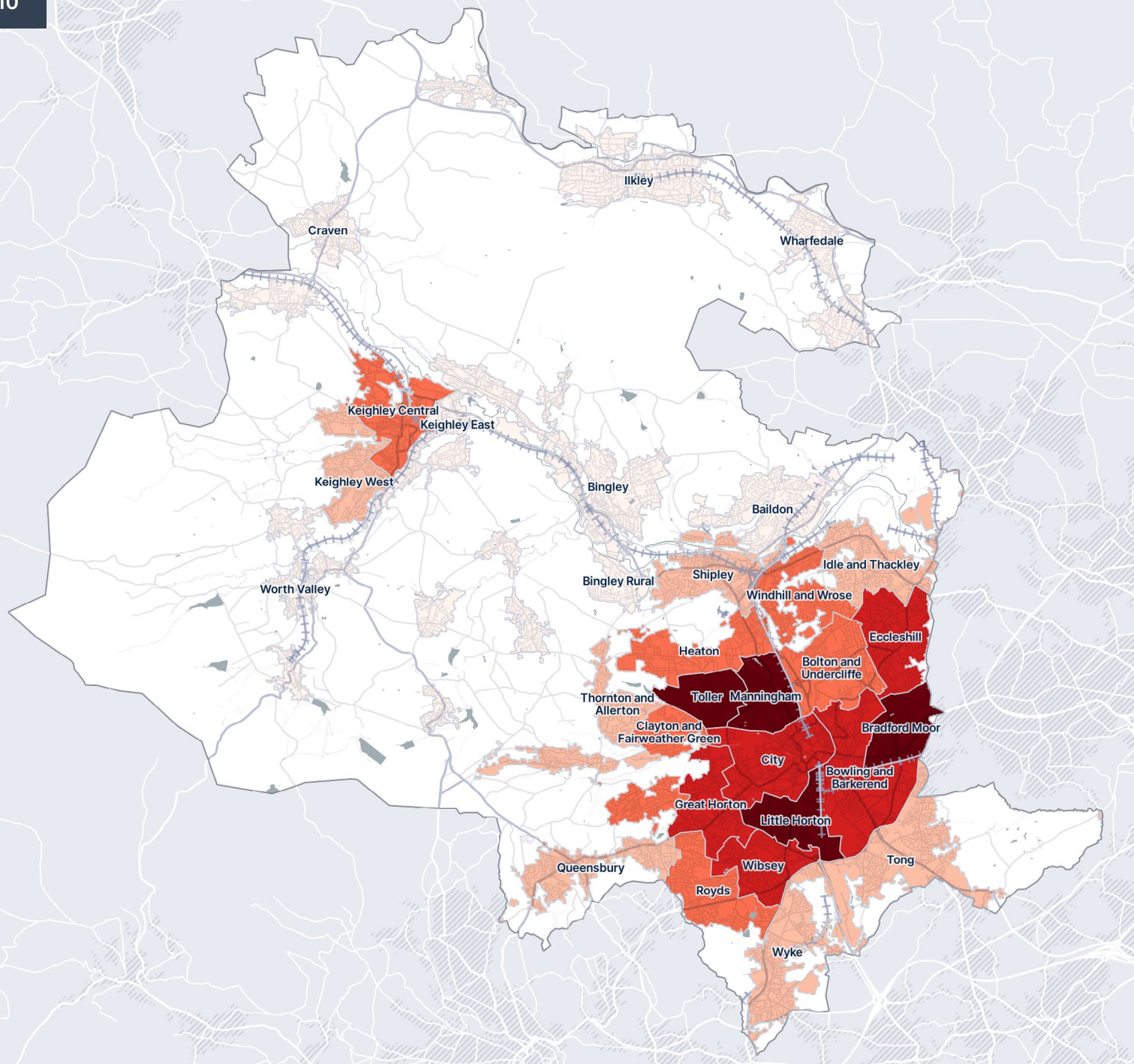| Persons	Ward
477	Bingley Rural
218	Ilkley
169	Wharfedale
411	Craven
331	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
» The statistics were produced for Wards.
» Density was calculated as people per Ward total area (HA).
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Lower density (people/HA) of **economically inactive** population **due to long-term sickness or disability**

Higher density (people/HA) of **economically inactive** population **due to long-term sickness or disability**

Economic Activity Status

Other Economically Inactive : Population Density

19.15% of all usual residents aged 16 years and over were economically inactive for reasons not previously mentioned (student, looking after home or family, etc.).

▲ **Higher Density Wards :**

Persons	Ward
5,179	Toller
5,691	Bradford Moor
5,443	Manningham
5,401	Little Horton
6,471	City

▼ **Lower Density Wards :**

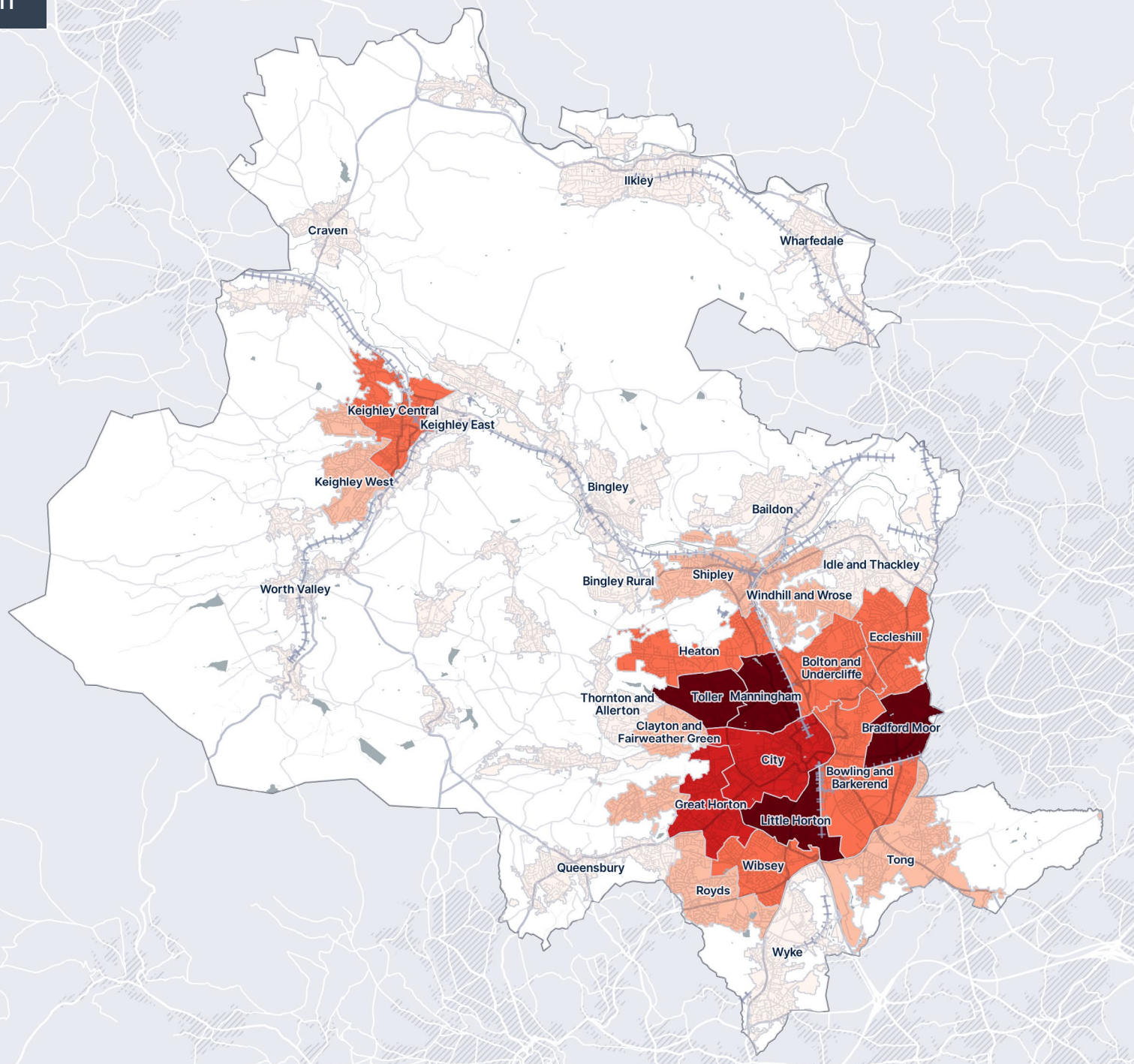| Persons	Ward
1,169	Bingley
711	Wharfedale
1,398	Bingley Rural
960	Craven
970	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
» The statistics were produced for Wards.
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Lower density (people/HA) of **economically inactive** population **due to other reasons** — **Higher** density (people/HA) of **economically inactive** population **due to other reasons**

Lower density (people/HA) of **not employed** population who has **never worked**

Higher density (people/HA) of **not employed** population who has **never worked**

Employment History

Never Worked : Population Density

14.11% of all usual residents aged 16 years and over, has never worked the week before the census.

▲ Higher Density Wards :

Persons	Ward
5,269	Toller
5,800	Manningham
5,594	Bradford Moor
5,382	Little Horton
5,881	City

▼ Lower Density Wards :

Persons	Ward
866	Ilkley
592	Wharfedale
1,231	Bingley Rural
989	Craven
847	Worth Valley

Data Source [Census Date] :

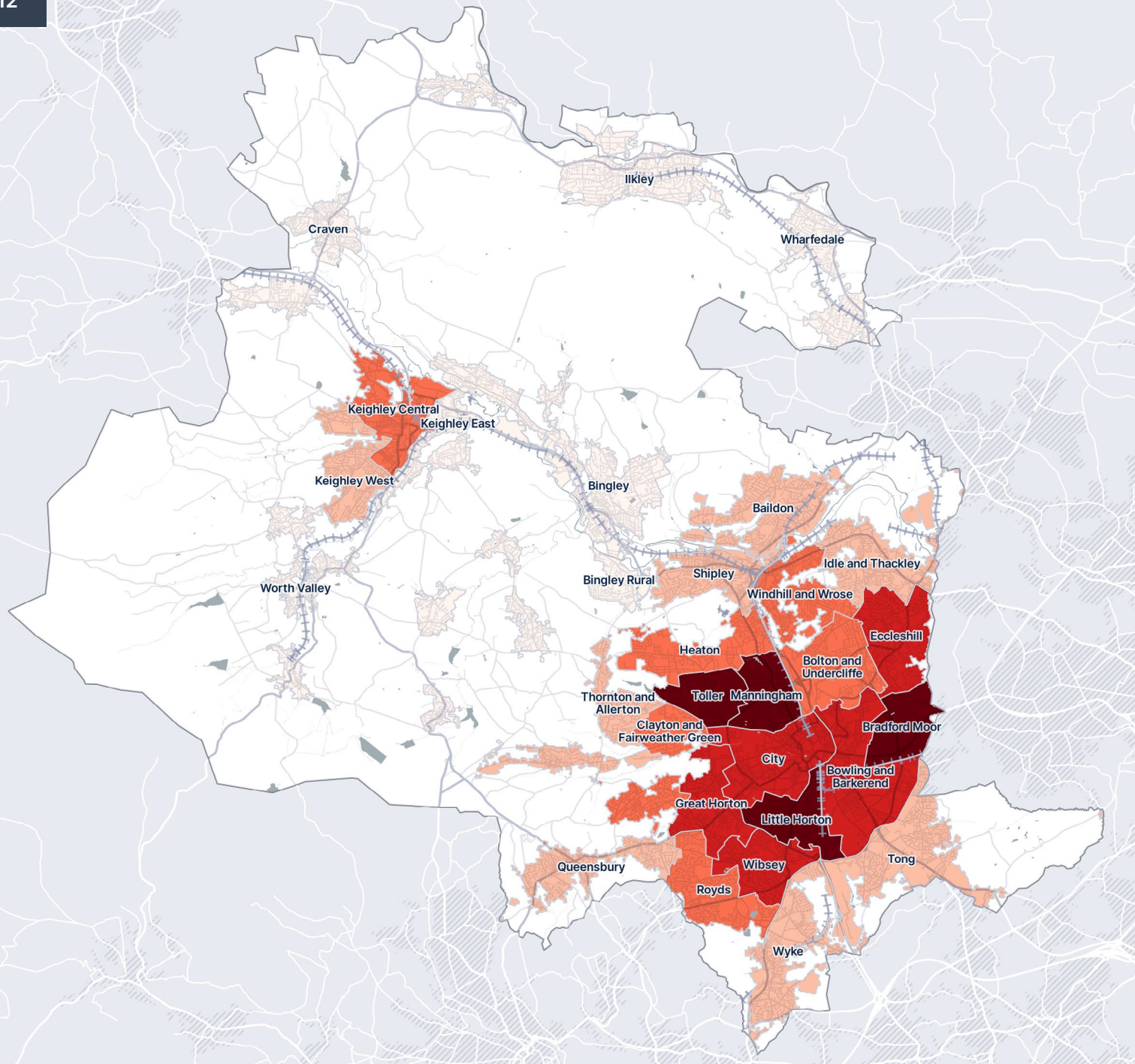» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:

» The statistics were produced for Wards.

» Density was calculated as people per Ward total area (HA).

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Highest Level of Qualification

No Qualification :
Population Density

23.99% of all usual residents aged 16 years and over had no qualification

▲ **Higher Density Wards :**

Persons	Ward
5,081	Toller
5,638	Manningham
5,656	Bradford Moor
5,201	Little Horton
4,121	City

▼ **Lower Density Wards :**

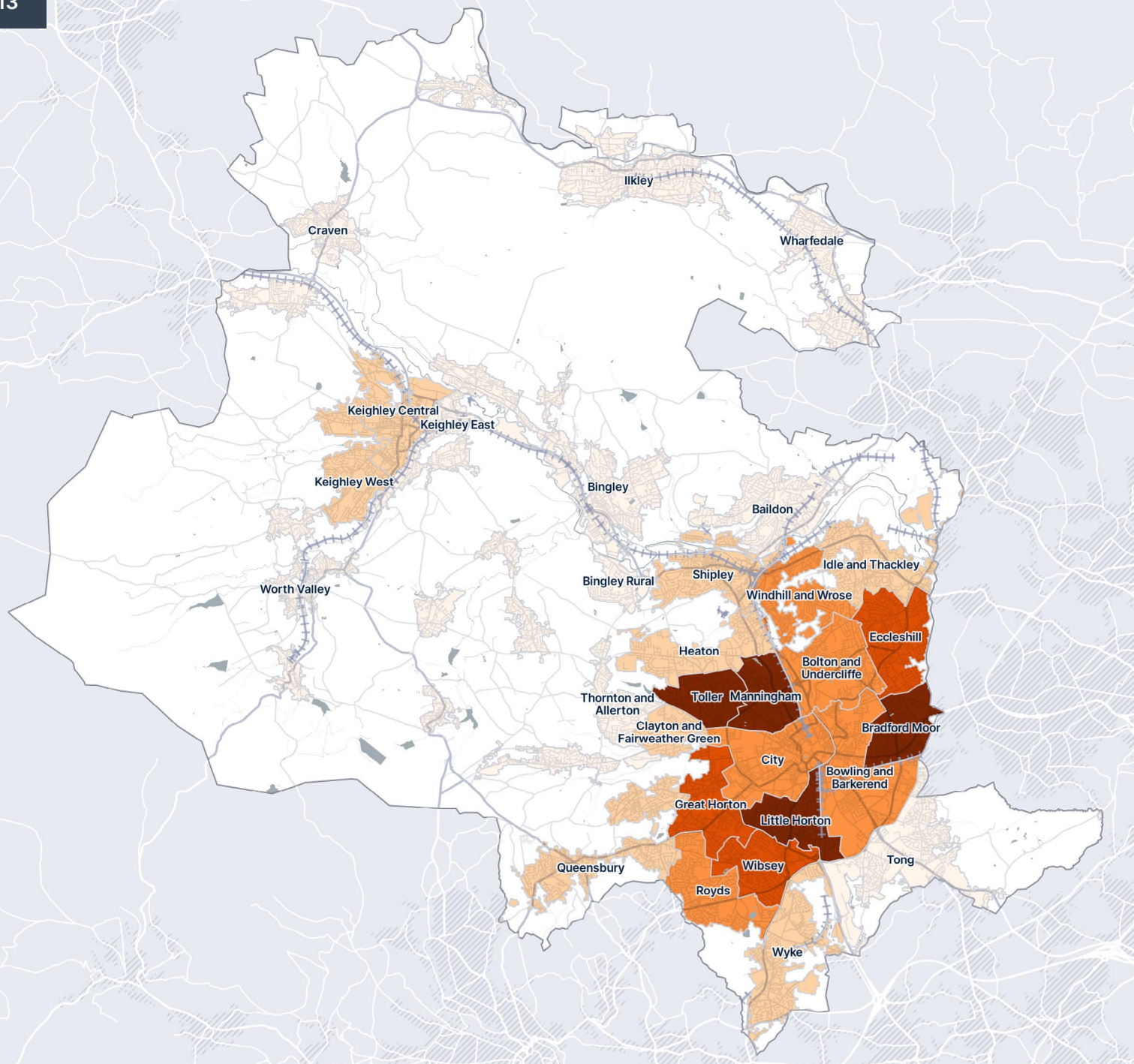| Persons	Ward
1,309	Ilkley
2,482	Bingley Rural
1,010	Wharfedale
2,171	Craven
1,771	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
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» Density was visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Lower density (people/HA) of population with **no qualifications**   **Higher** density (people/HA) of population with **no qualifications**

Lower density (people/HA) of population with a highest qualification of **Level 3 or below**

Higher density (people/HA) of population with a highest qualification of **Level 3 or below**

Highest Level of Qualification

Level 3 or Below :
Population Density

45.68% of all usual residents aged 16 years and over reached a highest qualification of level 3 or below. This value considered the following qualifications:

Level 1 : one to four GCSE passes (grade A* to C or grade 4 and above) and any other GCSEs at other grades, or equivalent qualifications

Level 2 : five or more GCSE passes (grade A* to C or grade 4 and above) or equivalent qualifications

Apprenticeship

Level 3 : two or more A Levels or equivalent qualifications

▲ **Higher Density Wards :**

Persons	Ward
6,121	Toller
6,655	Little Horton
6,050	Manningham
6,269	Bradford Moor
5,908	Wibsey

▼ **Lower Density Wards :**

| Persons	Ward
3,721	Wharfedale
4,361	Ilkley
7,562	Bingley Rural
6,955	Craven
5,953	Worth Valley

Data Source [Census Date] :
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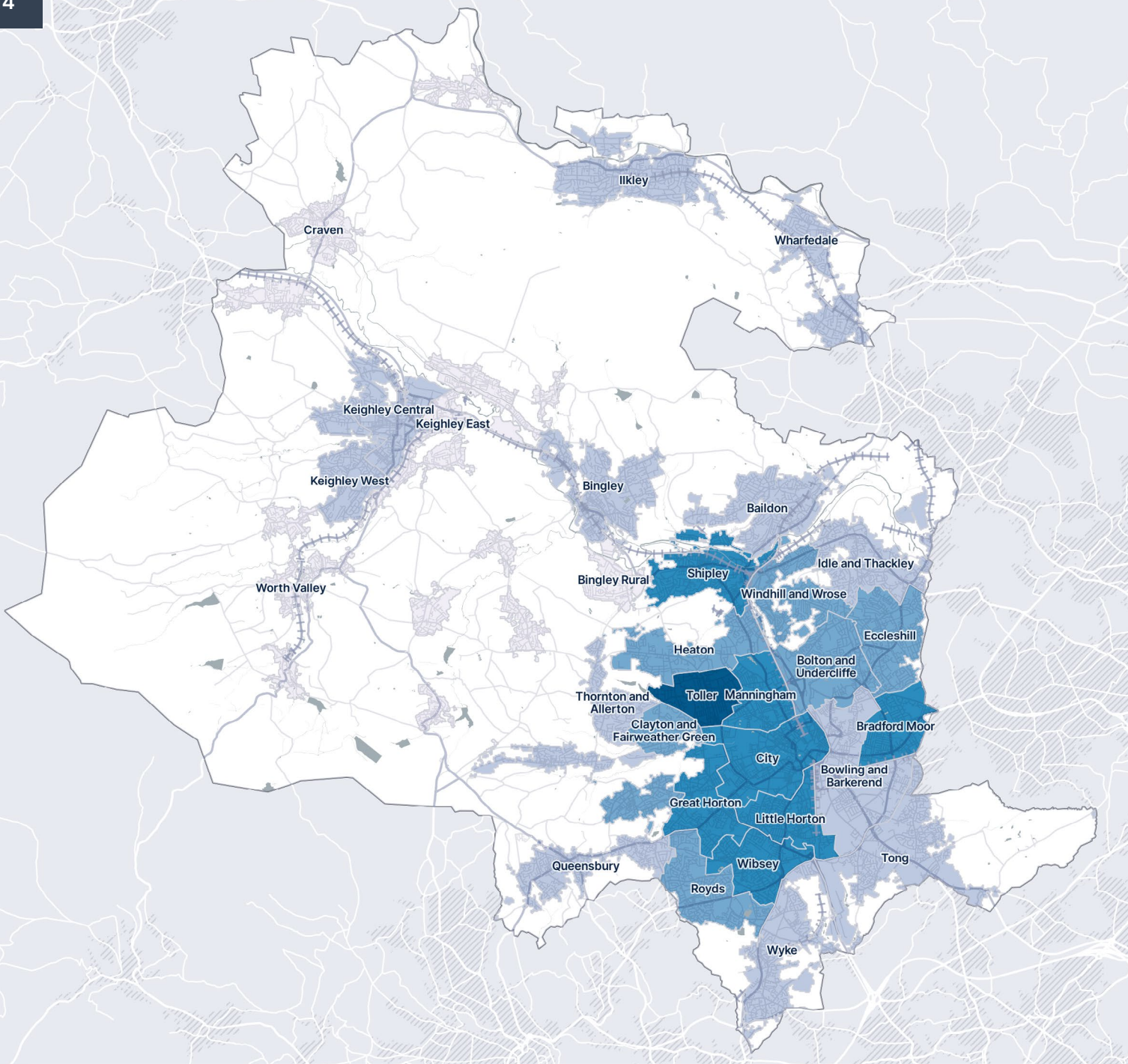
Highest Level of Qualification

Level 4 or Above :
Population Density

27.44% of all usual residents aged 16 years and over reached a highest qualification of level 4 or above (Higher National Certificate, Higher National Diploma, Bachelor's degree, or post-graduate qualifications)

▲ **Higher Density Wards :**

Persons	Ward
3,450	Toller
2,810	Manningham
5,199	City
2,883	Bradford Moor
2,808	Little Horton

▼ **Lower Density Wards :**

Persons	Ward
3,234	Tong
3,802	Keighley East
5,133	Bingley Rural
5,438	Craven
3,916	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
» The statistics were produced for Wards.
» Density was calculated as people per Ward total area (HA).
» Density was visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Lower density (people/HA) of population with a highest qualification of **Level 4 or above**

Higher density (people/HA) of population with a highest qualification of **Level 4 or above**
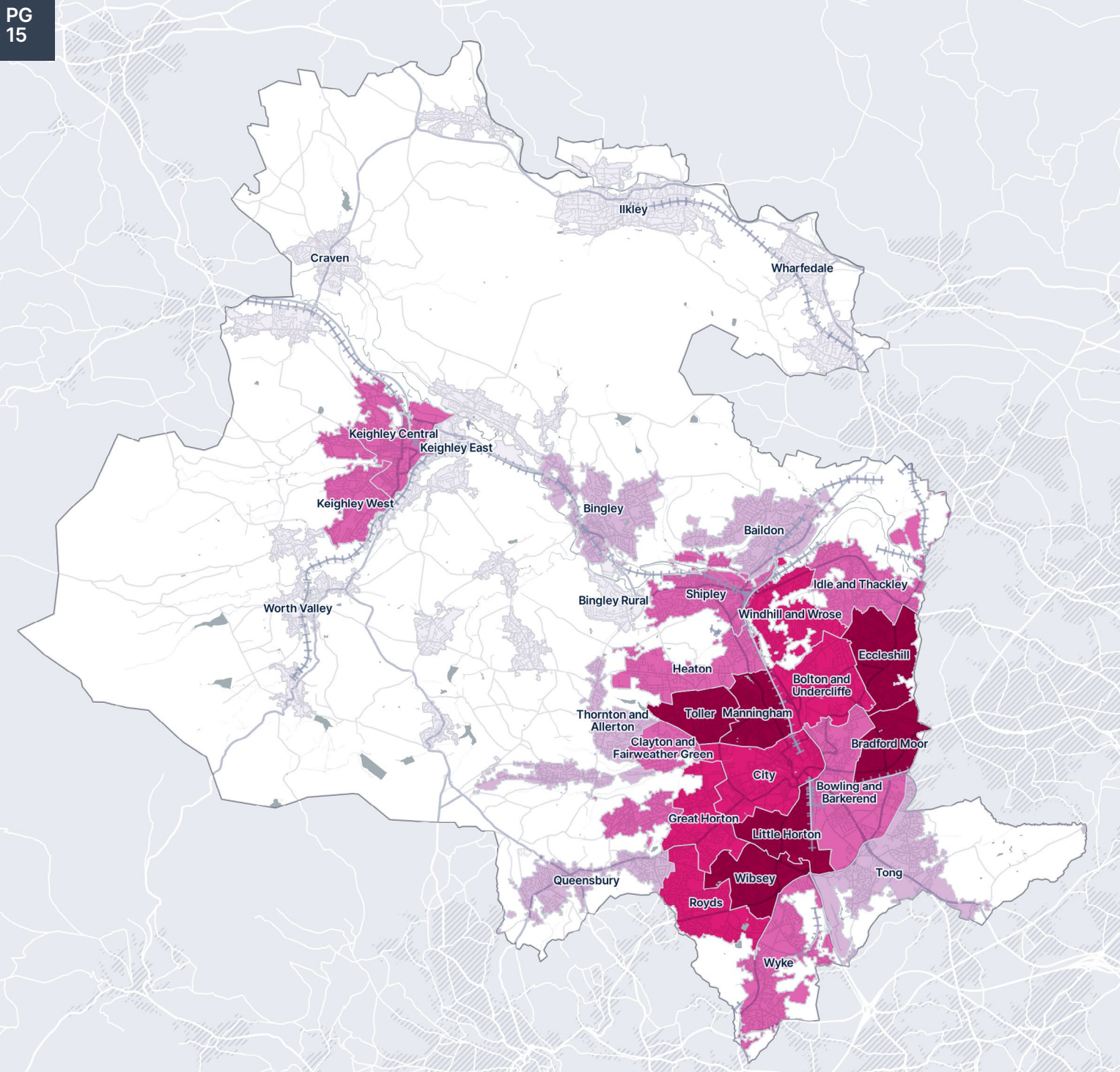
Household Density

All Households :
Household Density

▲ Higher Density Wards :

Households	Ward
5,647	Toller
6,600	Little Horton
5,899	Bradford Moor
5,653	Manningham
6,352	Wibsey

▼ Lower Density Wards :

Households	Ward
5,129	Wharfedale
7,011	Keighley East
8,348	Bingley Rural
8,127	Craven
6,426	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
» The statistics were produced for Wards.
» Density was calculated as household per Ward area (HA).
» Density was visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Lower density (household/HA) of **households**   **Higher** density (household/HA) of **households**
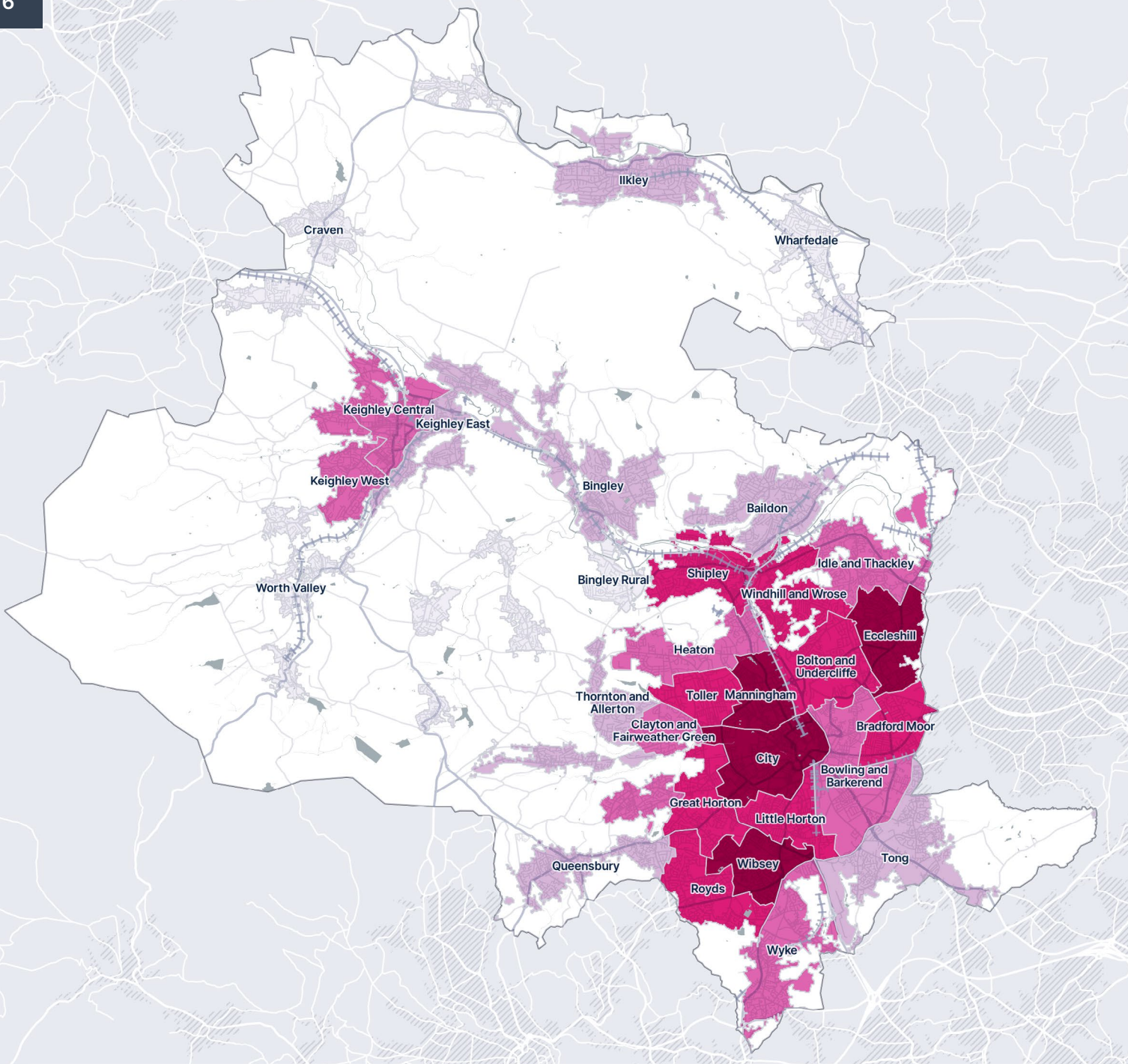
Lower density (household/HA) of **one-person households** — Higher density (household/HA) of **one-person households**

Household Composition

One-person Household :
Household Density

30.78% of all households were one-person households.

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▲ Higher Density Wards :

Households	Ward
3,495	City
1,948	Wibsey
1,676	Manningham
2,396	Eccleshill
1,565	Little Horton

▼ Lower Density Wards :

| Households	Ward
2,049	Keighley East
1,365	Wharfedale
2,482	Bingley Rural
2,637	Craven
2,014	Worth Valley

Data Source [Census Date] :
» Office for National Statistics (ONS) Census 2021 [21 March 2021]

Notes:
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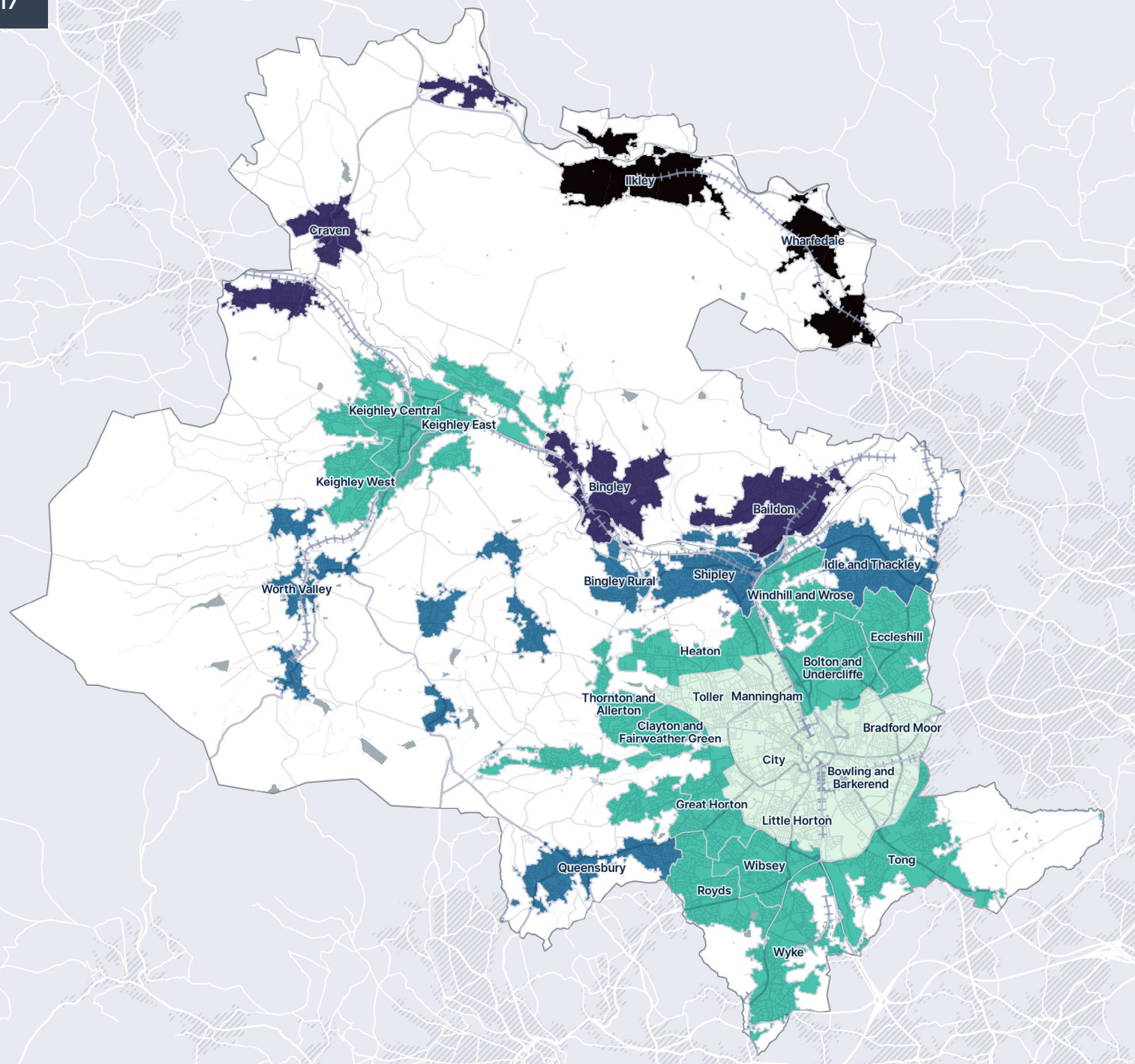
Lower net annual household income **before housing costs** (£)   **Higher** net annual household income **before housing costs** (£)

Income Estimates

Net Household Income Before Housing Costs :
Median Annual Income

£25,300 was the median net annual household income before housing costs (net income of every member of the household) of the entire district in 2020.

▲ **2.43%** was the increase in median net annual household income before housing costs from 2018 to 2020.

▲ Higher Income Wards :

£	Ward
40,200	Ilkley (6,738 households)
37,600	Wharfedale (5,129 households)
34,000	Craven (8,127 households)
33,200	Bingley (8,276 households)
32,150	Baildon (7,219 households)

▼ Lower Income Wards :

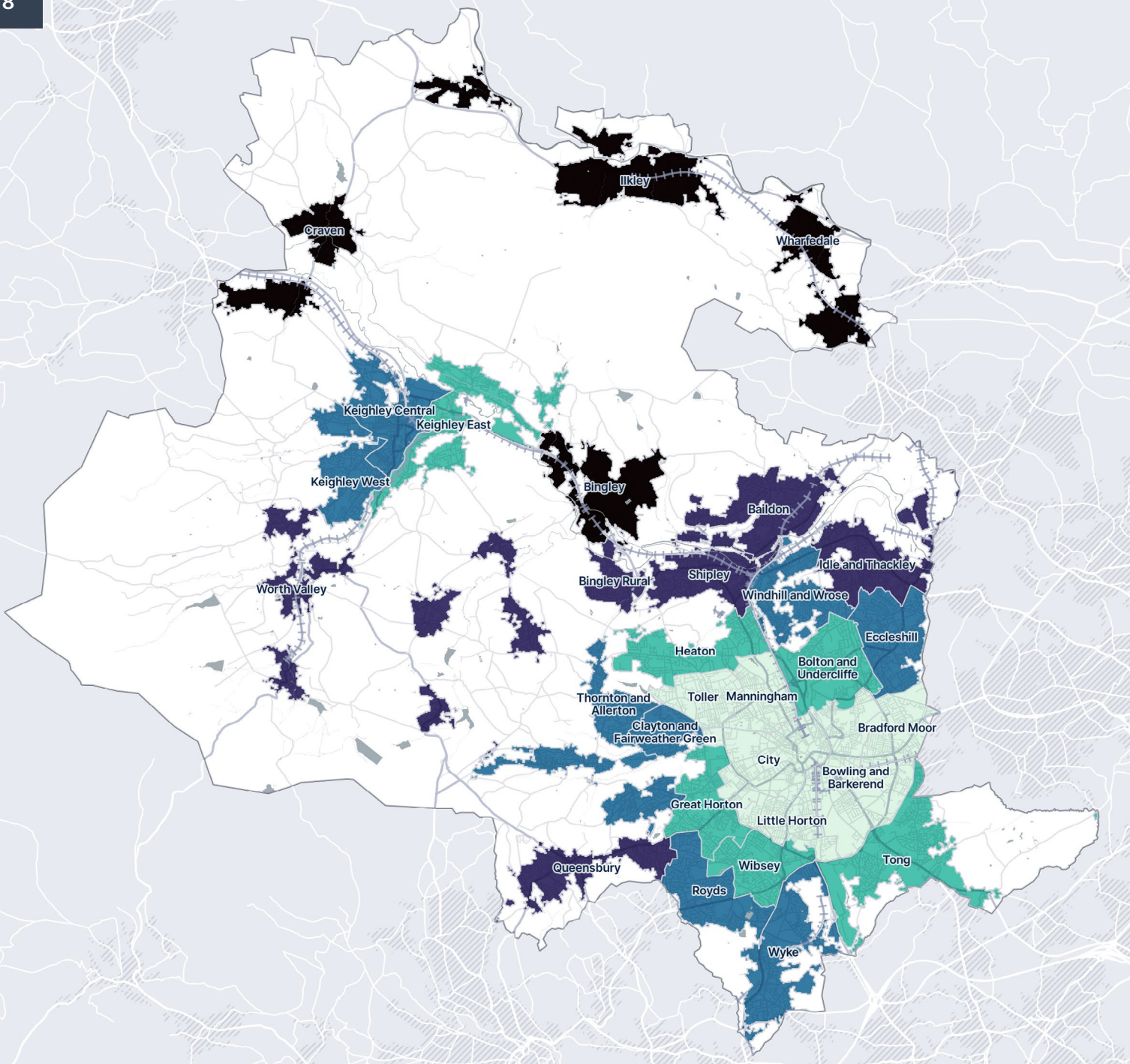| £	Ward
20,450	Toller (5,647 households)
20,400	Bowling and Barkerend (7,715 households)
18,800	City (8,217 households)
18,400	Little Horton (6,600 households)
17,450	Bradford Moor (5,899 households)

Data Source [Statistics Date] :
» Office for National Statistics (ONS) [March 2018; March 2020]

Notes:
» The statistics were produced for wards.
» Net annual household income is subject to OECD's equivalisation scale, and is the net of : income tax payments, national insurance contributions, domestic rates / council tax, contributions to occupational pension schemes, all maintenance and child support payments (which are deducted from the income of the person making the payments), and parental contribution to students living away from home.
» Levels were visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Income Estimates

Net Household Income After Housing Costs :
Annual Income Level

£23,200 was the median net annual household income after housing costs (net income of every member of the household) of the entire district in 2020.

▲ **6.91%** was the increase in median net annual household income after housing costs from 2018 to 2020

▲ Higher Income Wards :

£	Ward
35,200	Ilkley (6,738 households)
34,850	Wharfedale (5,129 households)
32,700	Bingley (8,276 households)
31,700	Craven (8,127 households)
30,200	Baildon (7,219 households)

▼ Lower Income Wards :

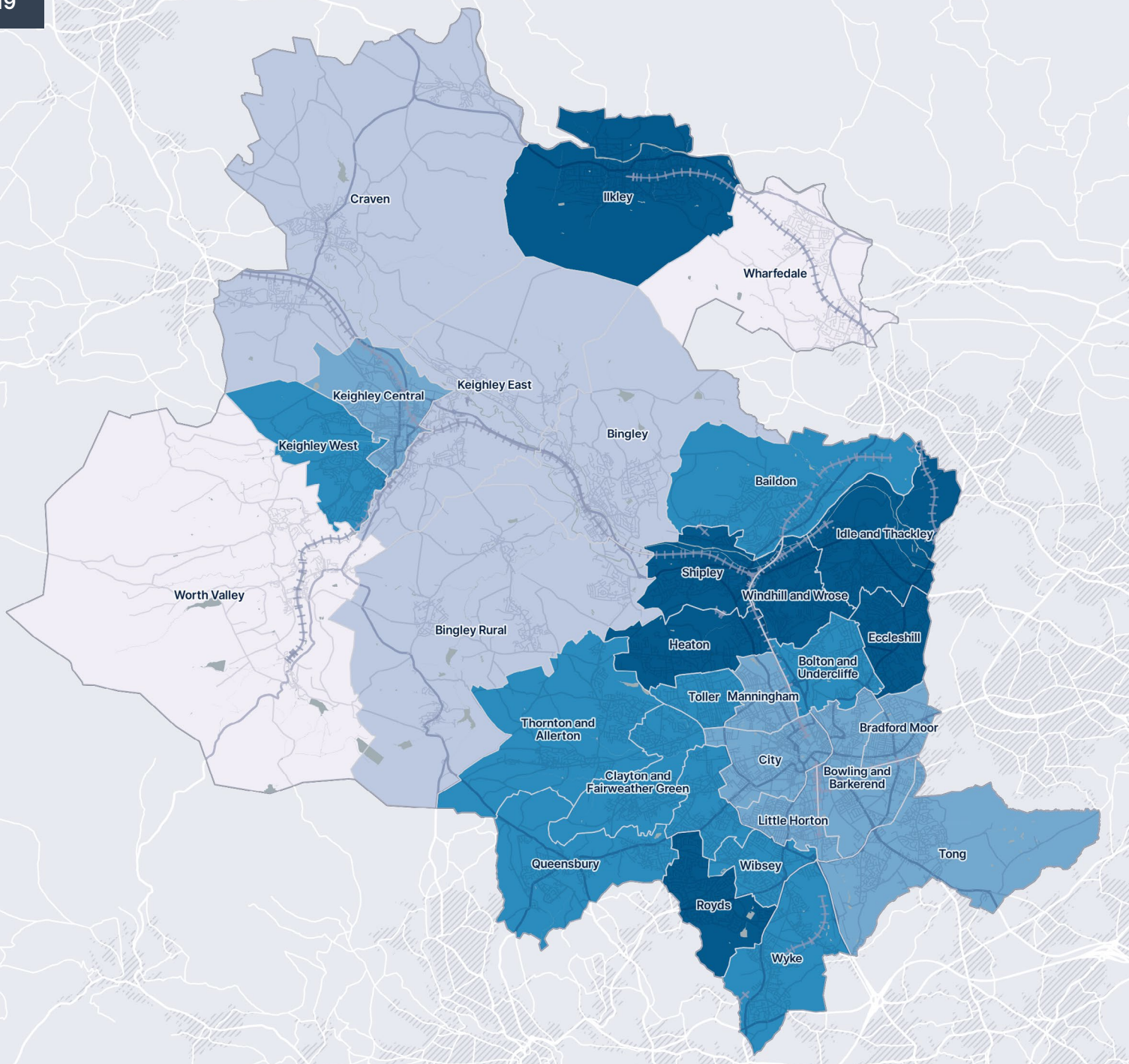| £	Ward
18,400	Bowling and Barkerend (7,715 households)
17,050	Toller (5,647 households)
15,950	Bradford Moor (5,899 households)
15,700	City (8,217 households)
15,500	Little Horton (6,600 households)

Data Source [Statistics Date] :

» Office for National Statistics (ONS) [March 2018; March 2020]

Notes:

» The statistics were produced for wards.

» Net annual household income is subject to OECD's equivalisation scale, and is the net of : income tax payments, national insurance contributions, domestic rates / council tax, contributions to occupational pension schemes, all maintenance and child support payments (which are deducted from the income of the person making the payments), and parental contribution to students living away from home.

» Levels were visualised based on comparisons between Ward built-up areas (developed land) within the Bradford Local Authority District.

Lower net annual household income **after housing costs** (£)   **Higher** net annual household income **after housing costs** (£)

Digital Accessibility

Broadband Download Speed : Average Mbit/s

108.70 mbit/s was the average broadband speed of the district wards in 2022.

▲ Higher speed wards :

mbit/s	Ward
132.30	Shipley (15,618 usual residents)
128.79	Eccleshill (20,323 usual residents)
126.13	Royds (17,869 usual residents)
125.48	Heaton (19,668 usual residents)
123.93	Ilkley (15,036 usual residents)

▼ Lower speed wards :

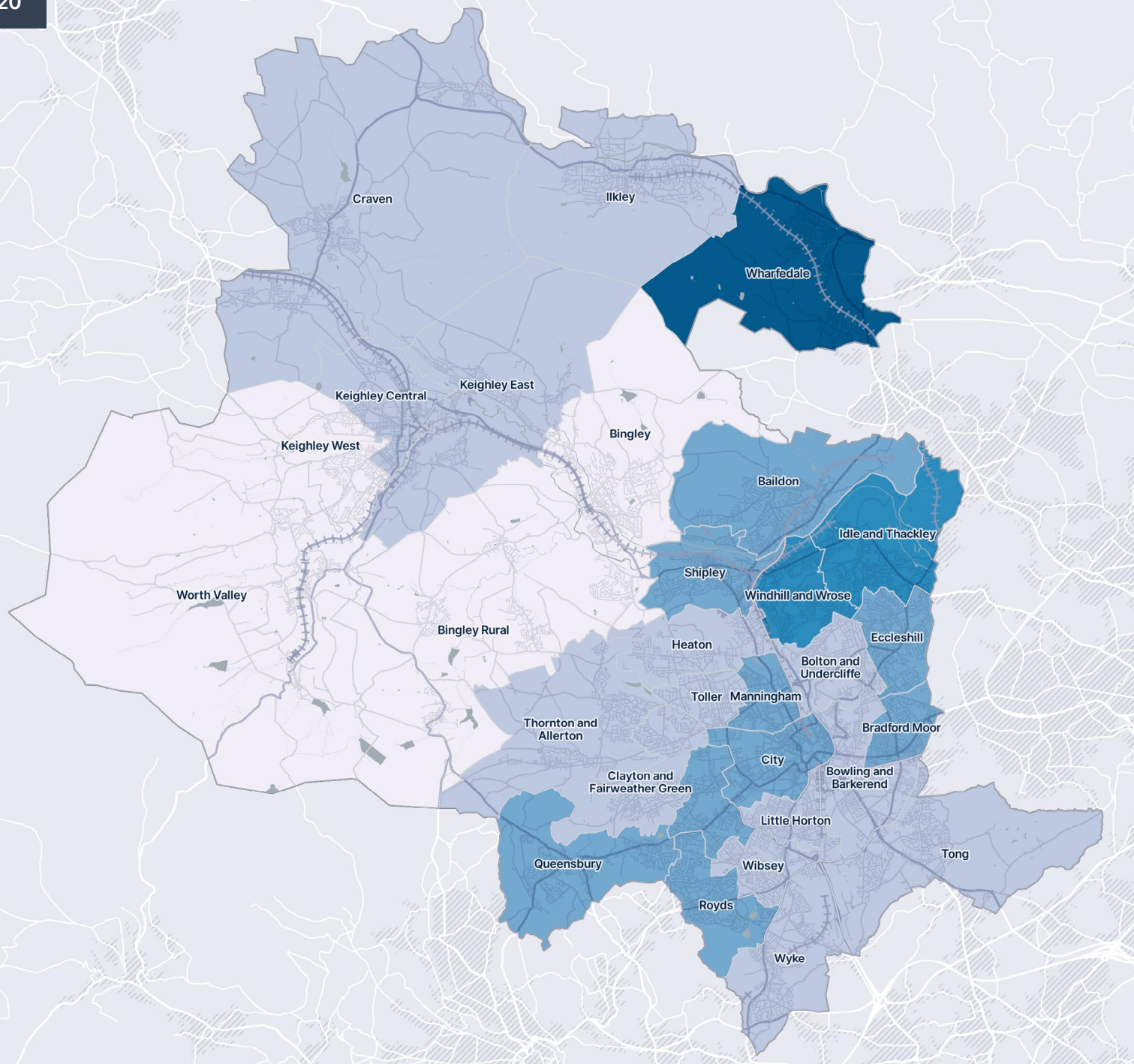| mbit/s	Ward
97.97	Craven (17,701usual residents)
97.56	Bingley (18,041 usual residents)
91.48	Bingley Rural (18,869 usual residents)
82.02	Worth Valley (14,070 usual residents)
78.70	Wharfedale (12,056 usual residents)

Data Source [Census Date] :

» Consumer Data Research Centre / OFCOM [2022]

Notes:

» The statistics were produced for wards.

» Levels were visualised based on comparisons between wards within the Bradford Local Authority District.

Slower broadband download speed (mbit/s)   **Faster broadband download** speed (mbit/s)

Digital Accessibility

Broadband Download Speed Change : Increase or Decrease in Avg. Mbit/s

26.14% was the average broadband speed increase of the district wards in 2022.

▲ Highest ranking wards :

Change	Ward
+48.82%	Wharfedale (12,056 usual residents)
+39.23%	Windhill and Wrose (16,923 usual residents)
+37.06%	Idle and Thackley (17,275 usual residents)
+30.85%	Queensbury (17,556 usual residents)
+28.95%	City (23,529 usual residents)

▼ Lowest ranking wards :

| Change	Ward
+21.95%	Wibsey (15,847 usual residents)
+21.15%	Keighley West (16,980 usual residents)
+21.00%	Bingley Rural (18,869 usual residents)
+18.83%	Worth Valley (14,070 usual residents)
+18.02%	Bingley (18,041 usual residents)

Data Source [Census Date] :
» Consumer Data Research Centre / OFCOM [2021-2022]

Notes:
» The statistics were produced for wards.
» Levels were visualised based on comparisons between wards within the Bradford Local Authority District.

Lower broadband download speed change (%)   **Higher broadband download speed** change (%)
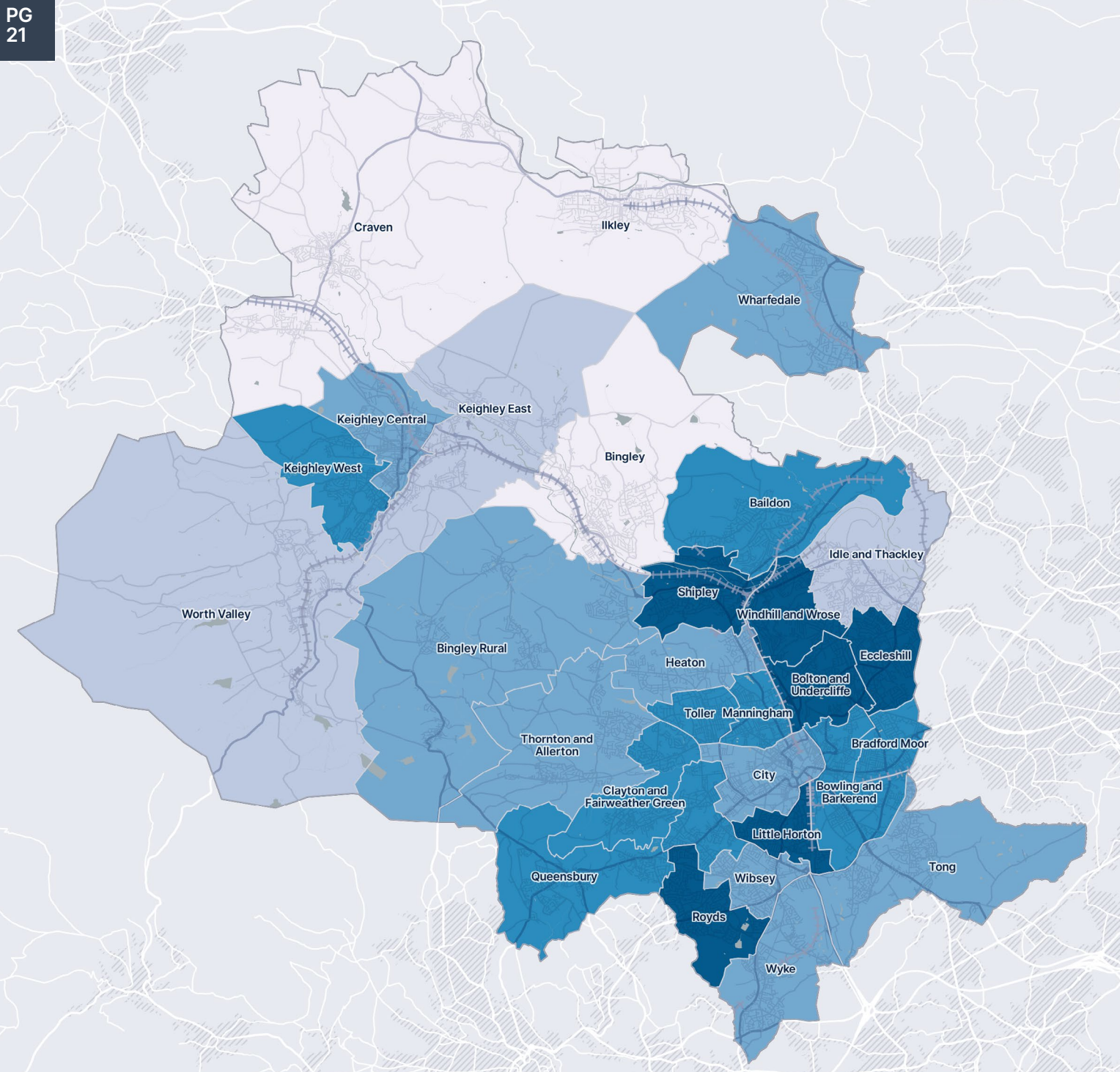
Digital Accessibility

Superfast Broadband
Speed : Availability

77.94% of the entire district's premises had available superfast broadband (SFBB - 30 mbit/s) in 2022.

▲ Highest ranking wards :

Covered	Ward
99.85%	Wibsey (15,847 usual residents)
99.46%	Bradford Moor (21,793 usual residents)
99.29%	Windhill and Wrose (16,923 usual residents)
99.17%	Eccleshill (20,323 usual residents)
98.72%	Bowling and Barkerend (22,757 usual residents)

▼ Lowest ranking wards :

Change	Ward
72.10%	Keighley East (17,116 usual residents)
71.19%	Worth Valley (14,070 usual residents)
63.20%	Ilkley (15,036 usual residents)
60.18%	Craven (17,701usual residents)
56.24%	Bingley (18,041 usual residents)

**Data Source [Census Date] :**

» Consumer Data Research Centre / OFCOM [2022]

Notes:

» The statistics were produced for wards.

» Levels were visualised based on comparisons between wards within the Bradford Local Authority District.

Lower percentage of premises with available **Superfast broadband** (30 mbit/s)

Higher percentage of premises with available **Superfast broadband** (30 mbit/s)
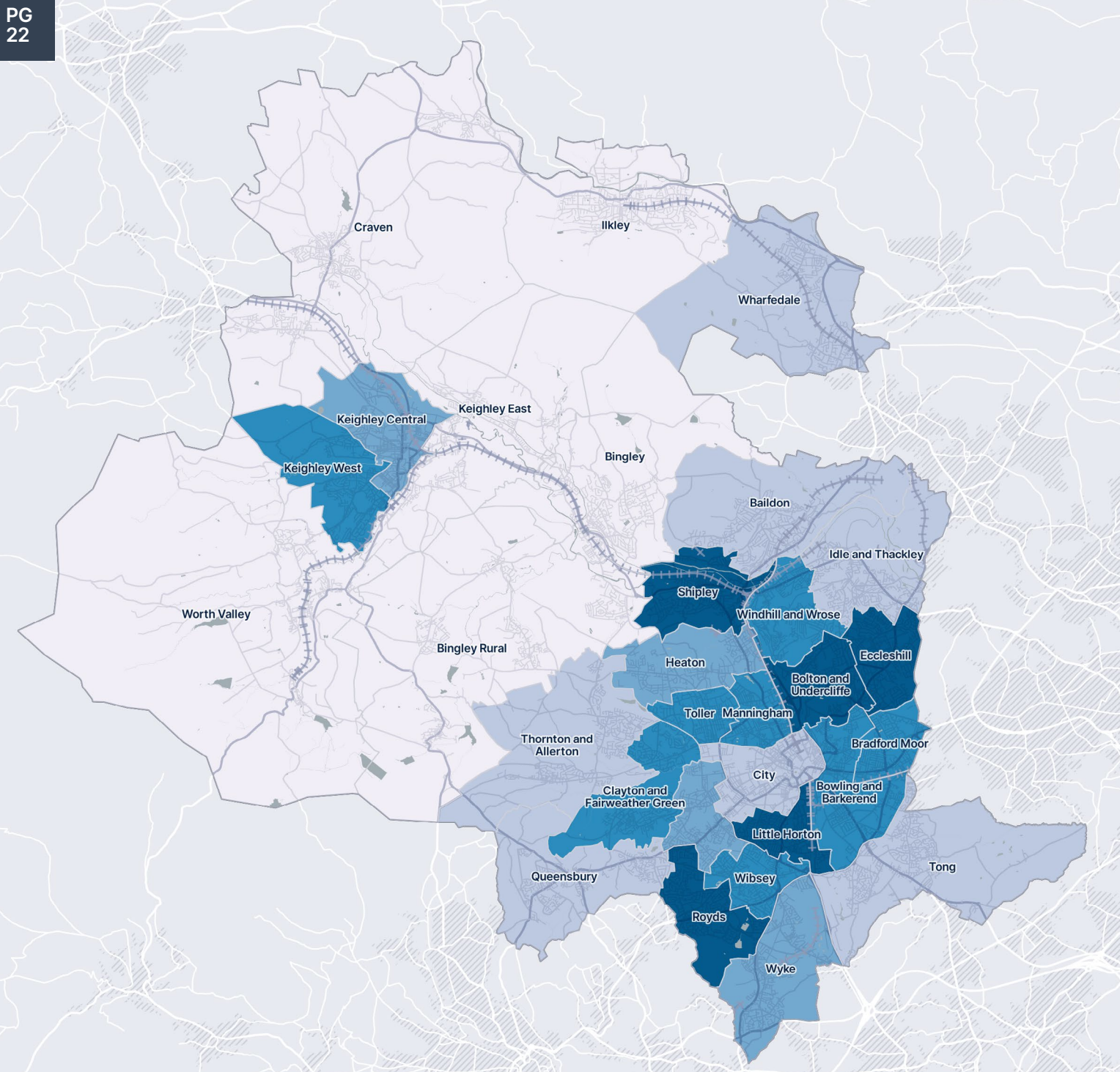
Digital Accessibility

Ultrafast Broadband
Speed : Availability

54.09% of the entire district's premises had available ultrafast broadband (UFBB - 300 mbit/s)

▲ Highest ranking wards :

Covered	Ward
92.28%	Little Horton (22,074 usual residents)
92.07%	Manningham (20,541 usual residents)
91.53%	Bradford Moor (21,793 usual residents)
91.43%	Wibsey (15,847 usual residents)
91.34%	Eccleshill (20,323 usual residents)

▼ Lowest ranking wards :

| Change	Ward
40.26%	Worth Valley (14,070 usual residents)
38.40%	Ilkley (15,036 usual residents)
37.86%	Bingley (18,041 usual residents)
37.13%	Keighley East (17,116 usual residents)
33.63%	Craven (17,701usual residents)

Data Source [Census Date] :

» Consumer Data Research Centre / OFCOM [2022]

Notes:

» The statistics were produced for wards.

» Levels were visualised based on comparisons between wards within the Bradford Local Authority District.

Lower percentage of premises with available **Ultrafast broadband** (300 mbit/s)

Higher percentage of premises with available **Ultrafast broadband** (300 mbit/s)
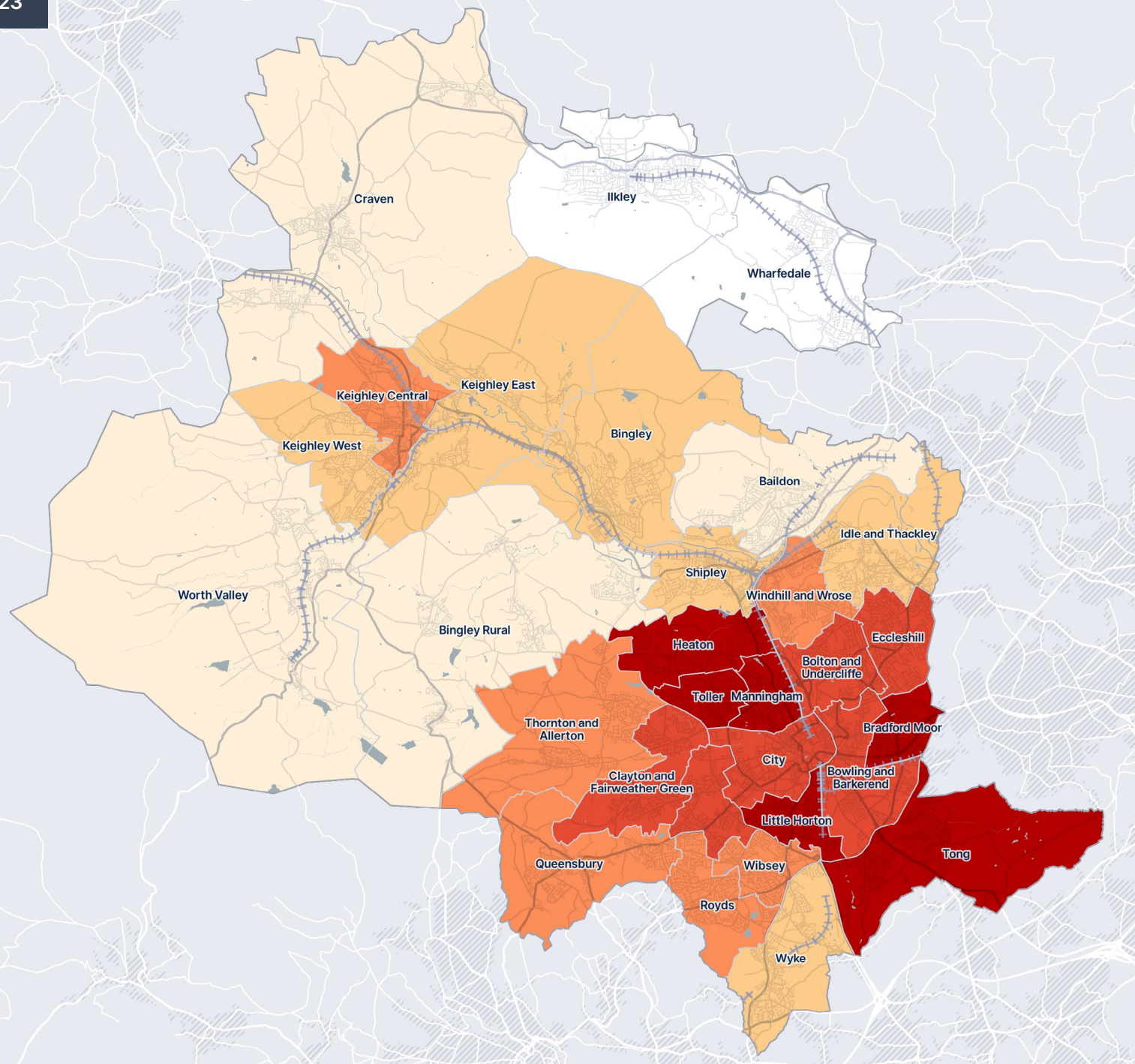
Digital Accessibility

Data Usage : Average Gbit/s

518.71 gbit/s was the average data usage of the district wards in 2022.

▲ Highest ranking wards :

gbit/s	Ward
693.15	Manningham (20,541 usual residents)
685.53	Tong (21,055 usual residents)
671.21	Little Horton (22,074 usual residents)
669.31	Bradford Moor (21,793 usual residents)
666.38	Toller (20,850 usual residents)

▼ Lowest ranking wards :

| gbit/s	Ward
430.15	Baildon (15,915 usual residents)
413.13	Worth Valley (14,070 usual residents)
411.78	Craven (17,701 usual residents)
no data	Ilkley (15,036 usual residents)
no data	Wharfedale (12,056 usual residents)

Data Source [Census Date] :
» OFCOM [2022]

Notes:
» The statistics were produced for wards.
» Levels were visualised based on comparisons between wards within the Bradford Local Authority District.
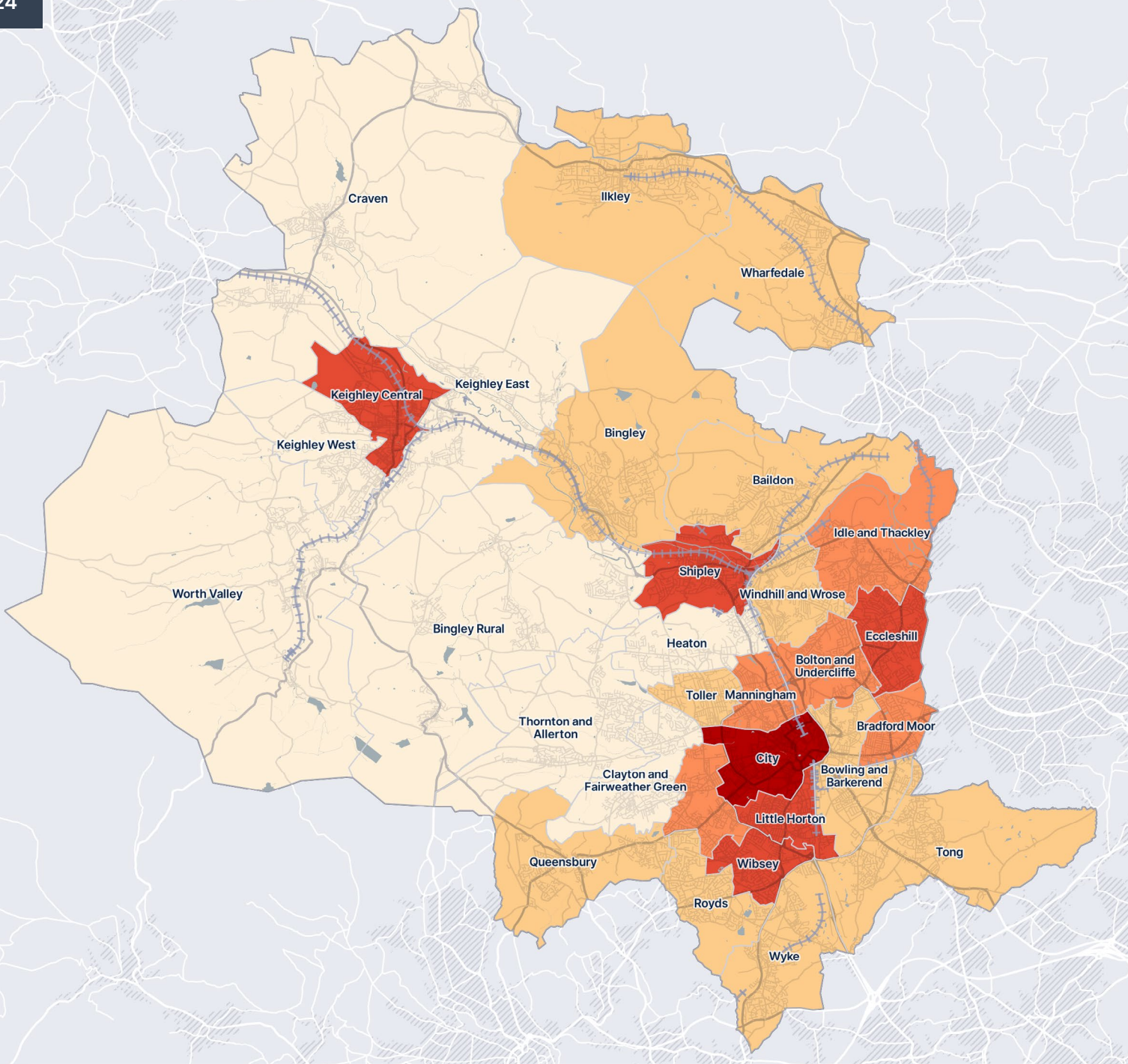
Digital Accessibility

Wifi Hotspots : Hotspot Density

230 hotspots were identified for the entire district in 2015.

▲ **Highest ranking wards :**

Hotspots	Ward
45	City (23,529 usual residents)
17	Keighley Central (18,474 usual residents)
13	Shipley (15,618 usual residents)
12	Bingley (18,041 usual residents)
12	Idle and Thackley (17,275 usual residents)

▼ **Lowest ranking wards :**

Hotspots	Ward
2	Heaton (19,668 usual residents)
1	Clayton and Fairweather... (18,239 usual residents)
1	Keighley West (16,980 usual residents)
1	Thornton and Allerton (18,525 usual residents)
1	Toller (20,850 usual residents)

Data Source [Census Date] :

» Consumer Data Research Centre [2015]

Notes:

» The statistics were produced for wards.

» Levels were visualised based on comparisons between wards within the Bradford Local Authority District.

Lower density (hotspot/HA) of **wifi hotspots**   **Higher** density (hotspot/HA) of **wifi hotspots**