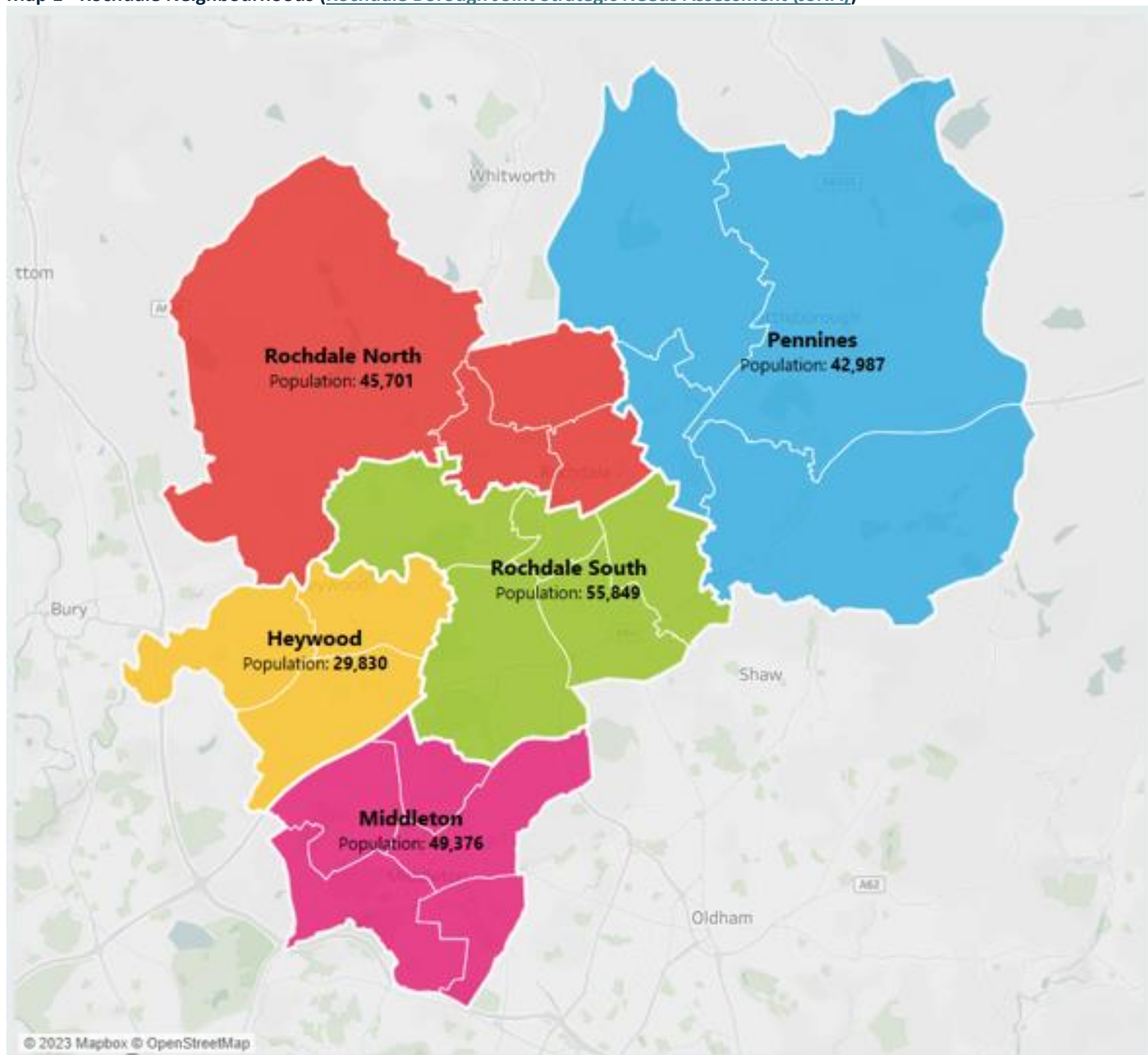
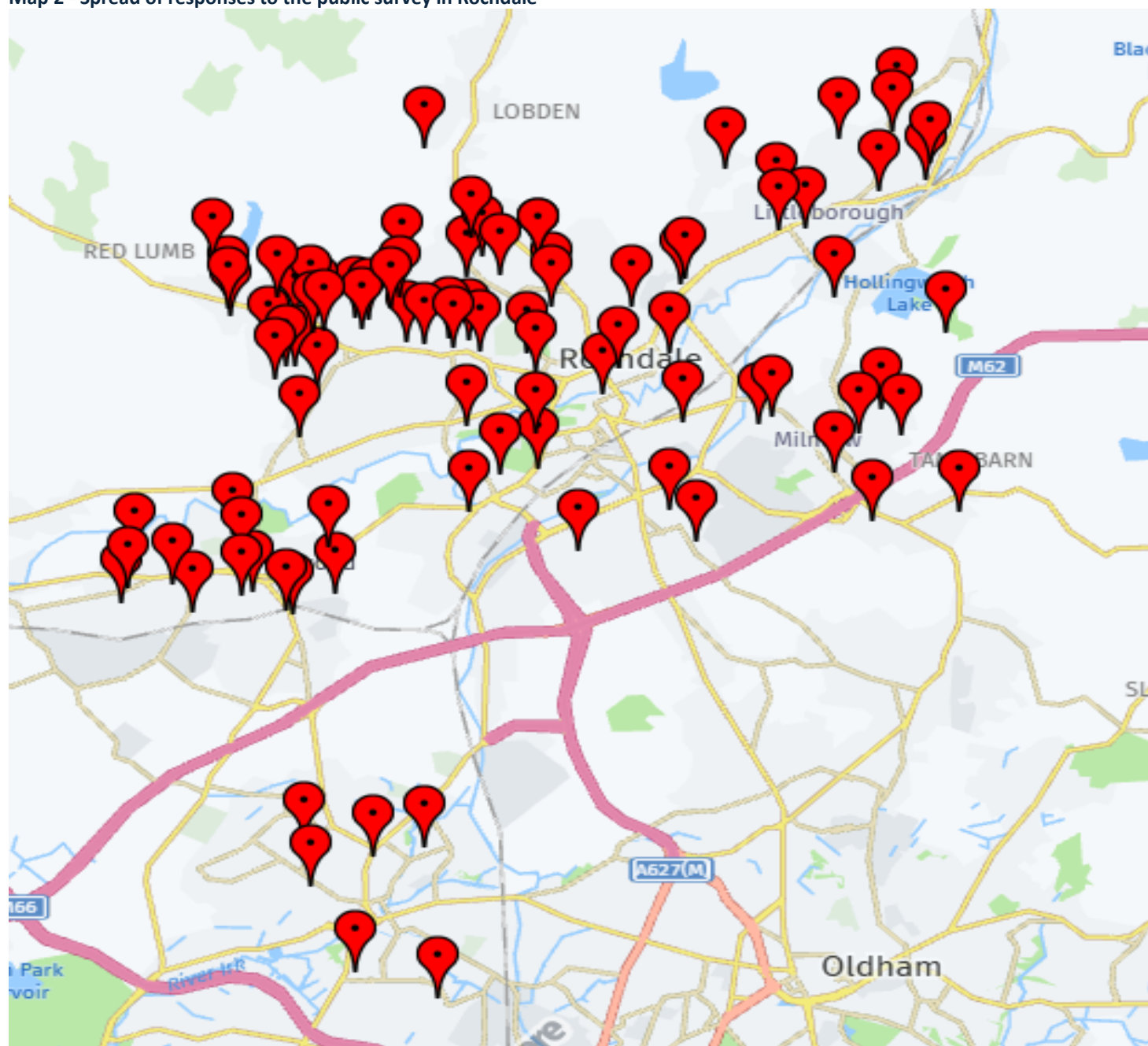


## Appendix Ten – Maps

**Map 1 - Rochdale Neighbourhoods** ([Rochdale Borough Joint Strategic Needs Assessment \(JSNA\)](#))

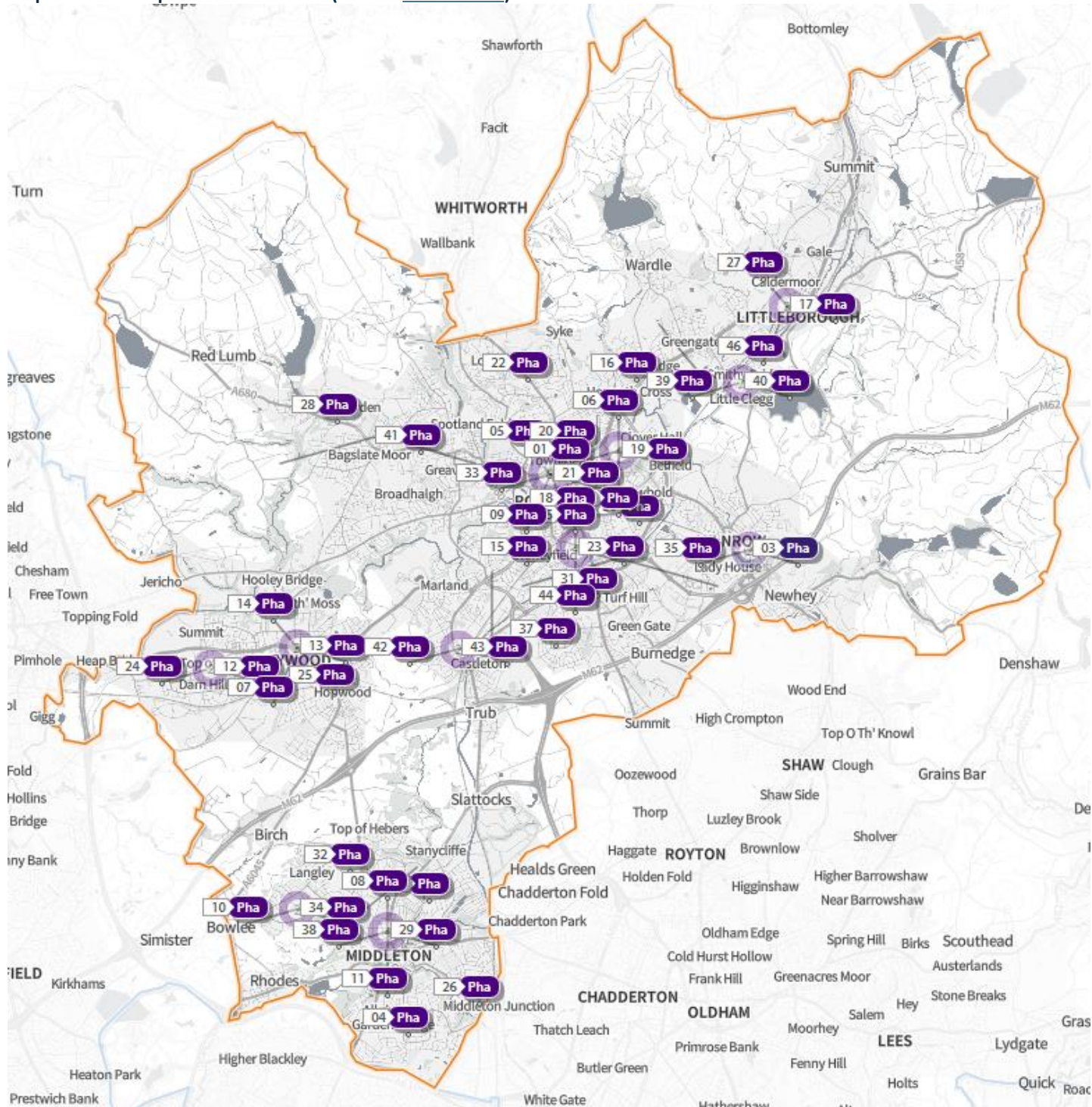


Map 2 - Spread of responses to the public survey in Rochdale



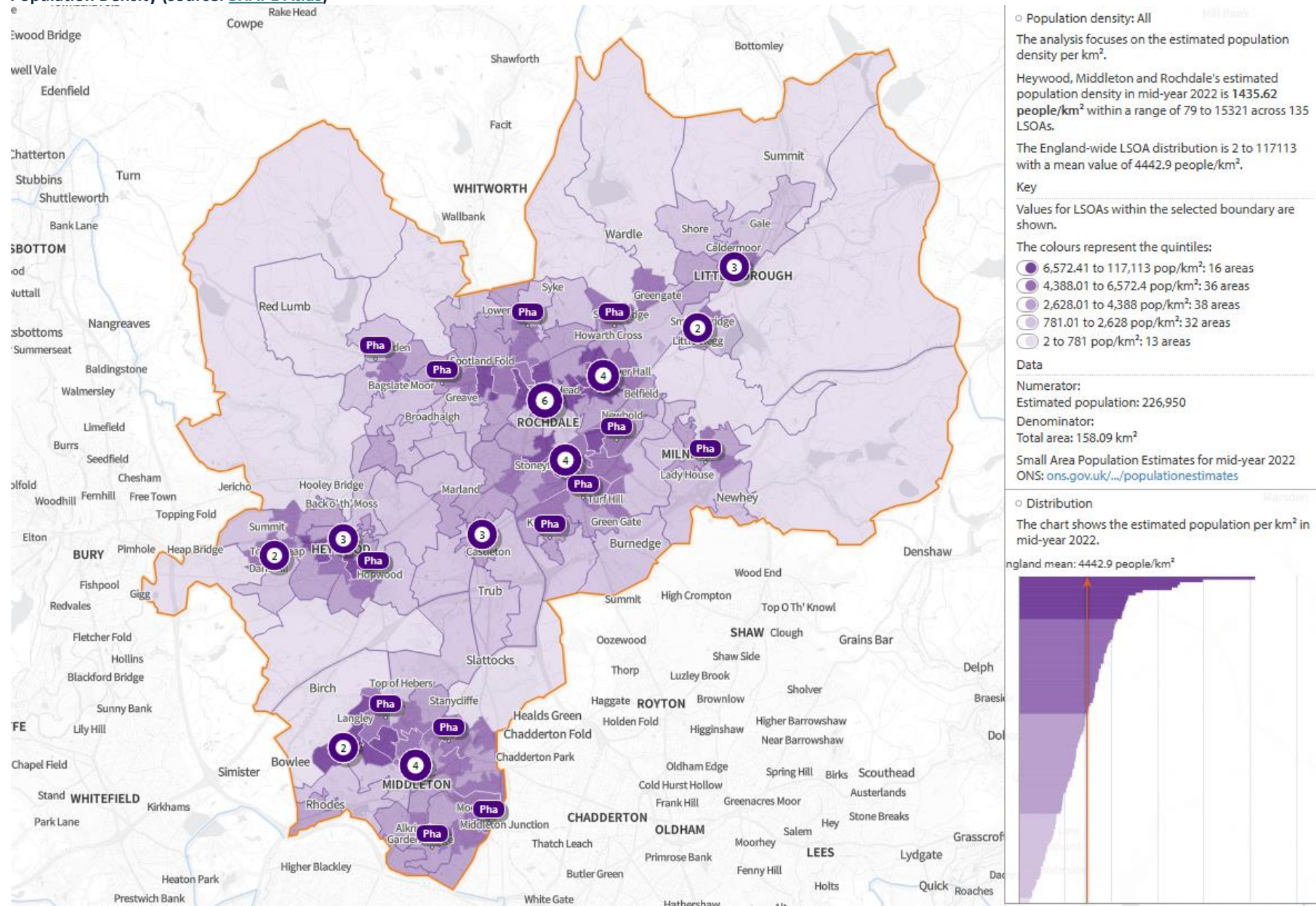


Map 3 - Rochdale pharmacies location (source: [SHAPE Atlas](#))

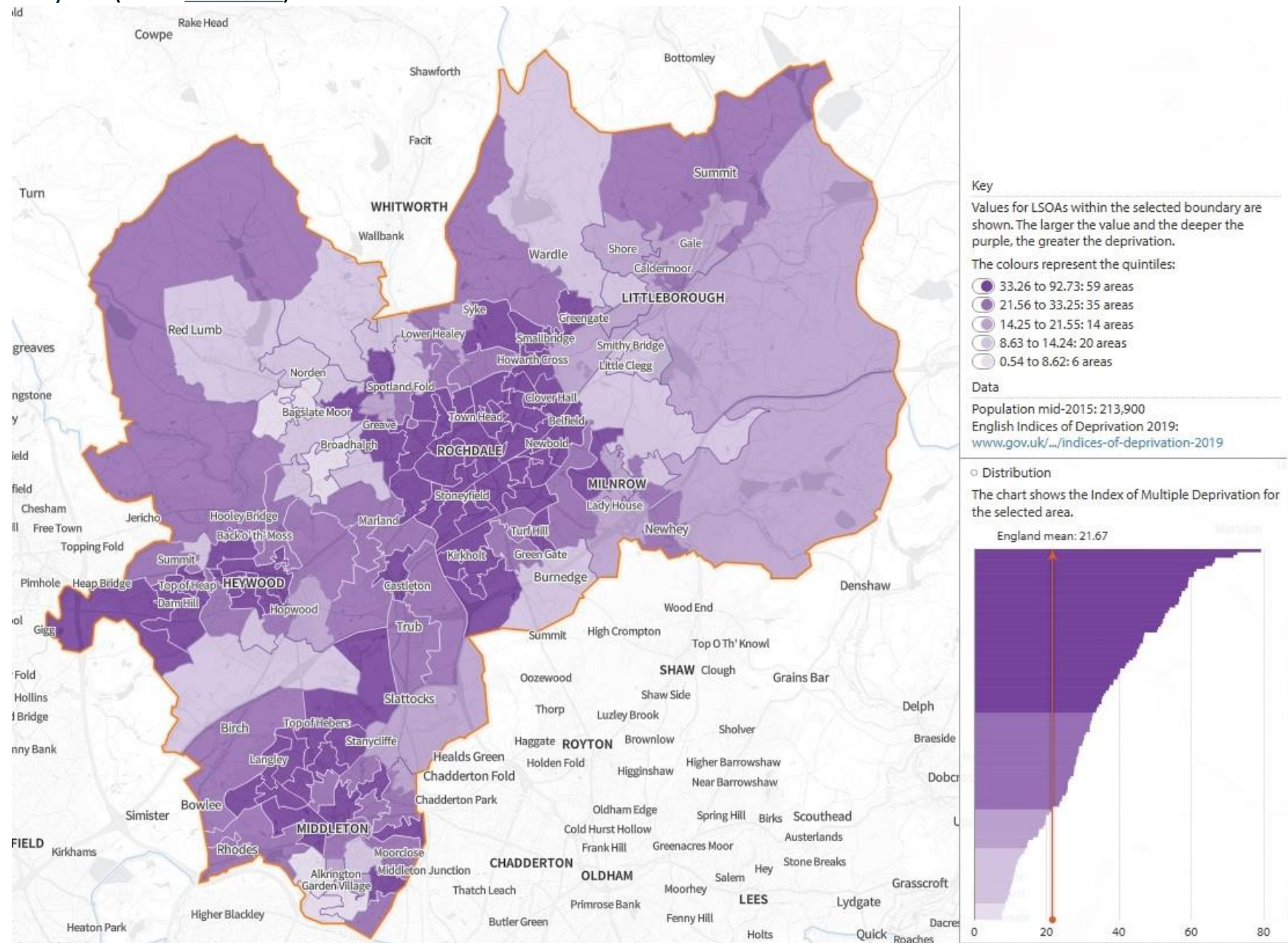




Map 4 - Population Density (source: [SHAPE Atlas](#))

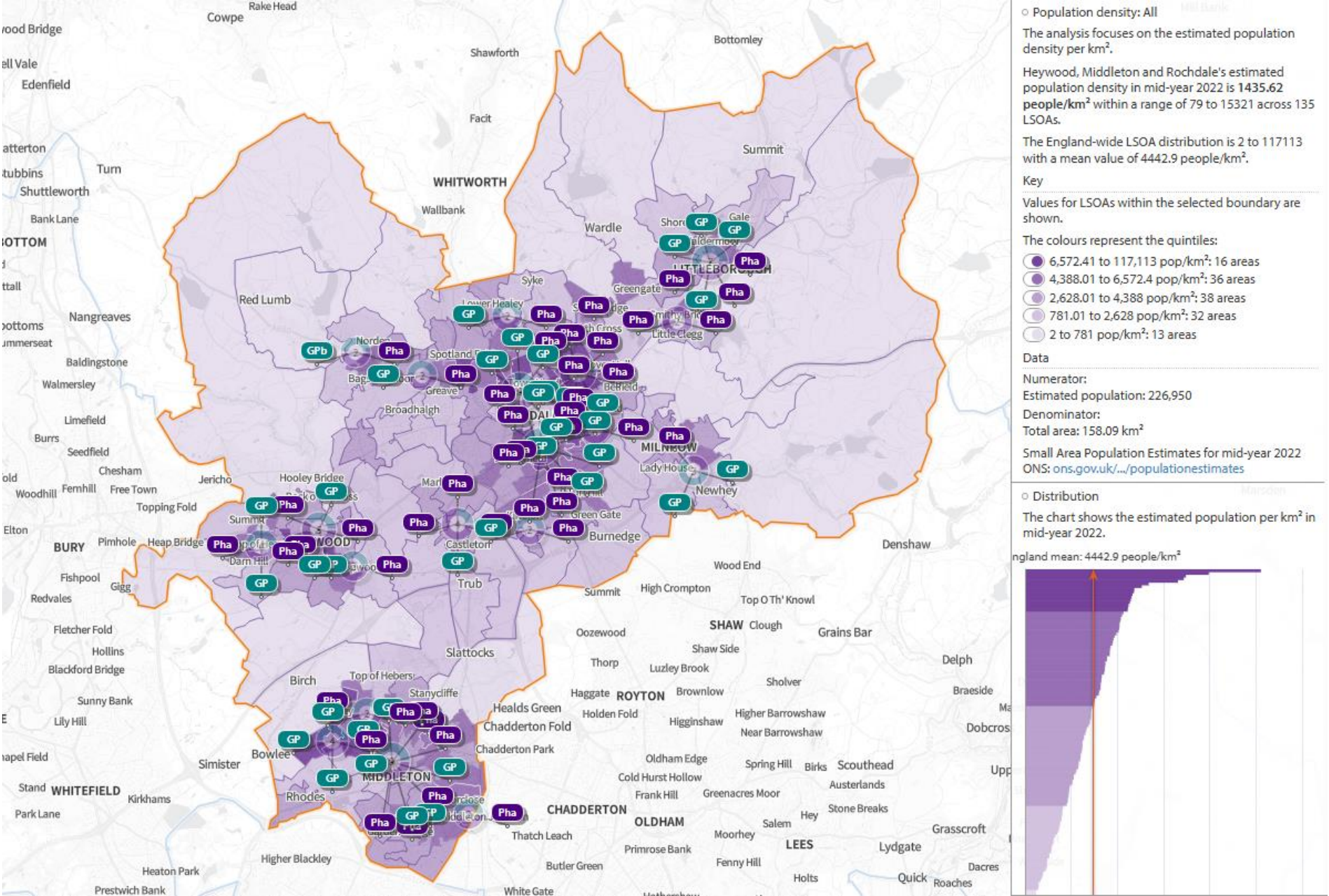


Map 5 - IMD 2019 by LSOA (source: [SHAPE Atlas](#))



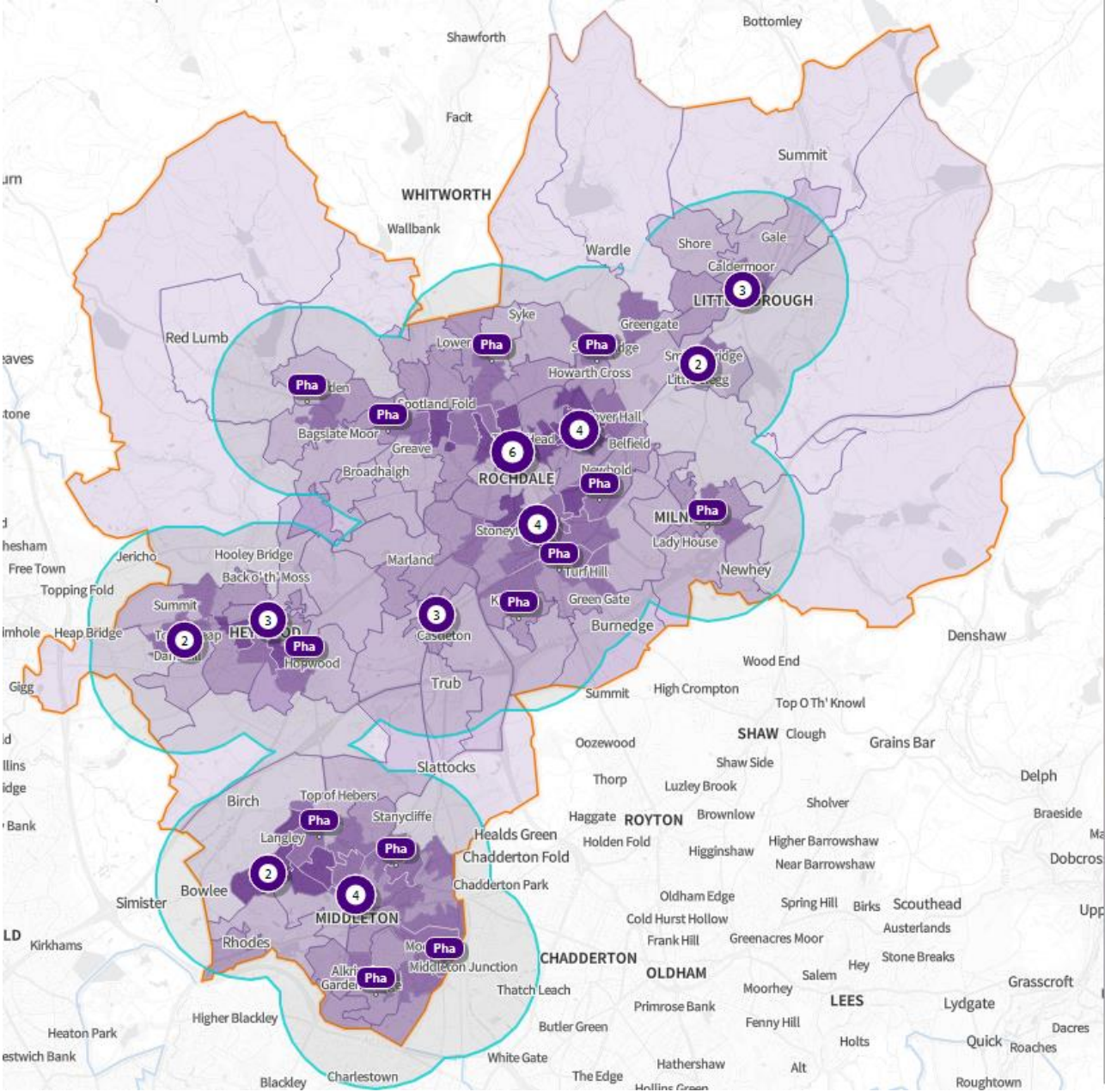


Map 6 - Location of Pharmacies & GP practices (Source: [SHAPE Atlas](#))





Map 7 - Rochdale pharmacies showing one mile travel distance ([SHAPE Atlas](#))



Heywood, Middleton and Rochdale's estimated population density in mid-year 2022 is 1435.62 people/km<sup>2</sup> within a range of 79 to 15321 across 135 LSOAs.

The England-wide LSOA distribution is 2 to 117113 with a mean value of 4442.9 people/km<sup>2</sup>.

Key

Values for LSOAs within the selected boundary are shown.

The colours represent the quintiles:

- 6,572.41 to 117,113 pop/km<sup>2</sup>: 16 areas
- 4,388.01 to 6,572.4 pop/km<sup>2</sup>: 36 areas
- 2,628.01 to 4,388 pop/km<sup>2</sup>: 38 areas
- 781.01 to 2,628 pop/km<sup>2</sup>: 32 areas
- 2 to 781 pop/km<sup>2</sup>: 13 areas

Data

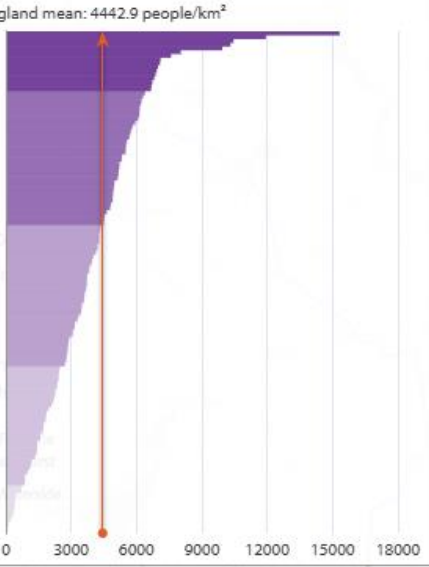
Numerator:  
Estimated population: 226,950

Denominator:  
Total area: 158.09 km<sup>2</sup>

Small Area Population Estimates for mid-year 2022  
ONS: [ons.gov.uk/.../populationestimates](https://ons.gov.uk/populationestimates)

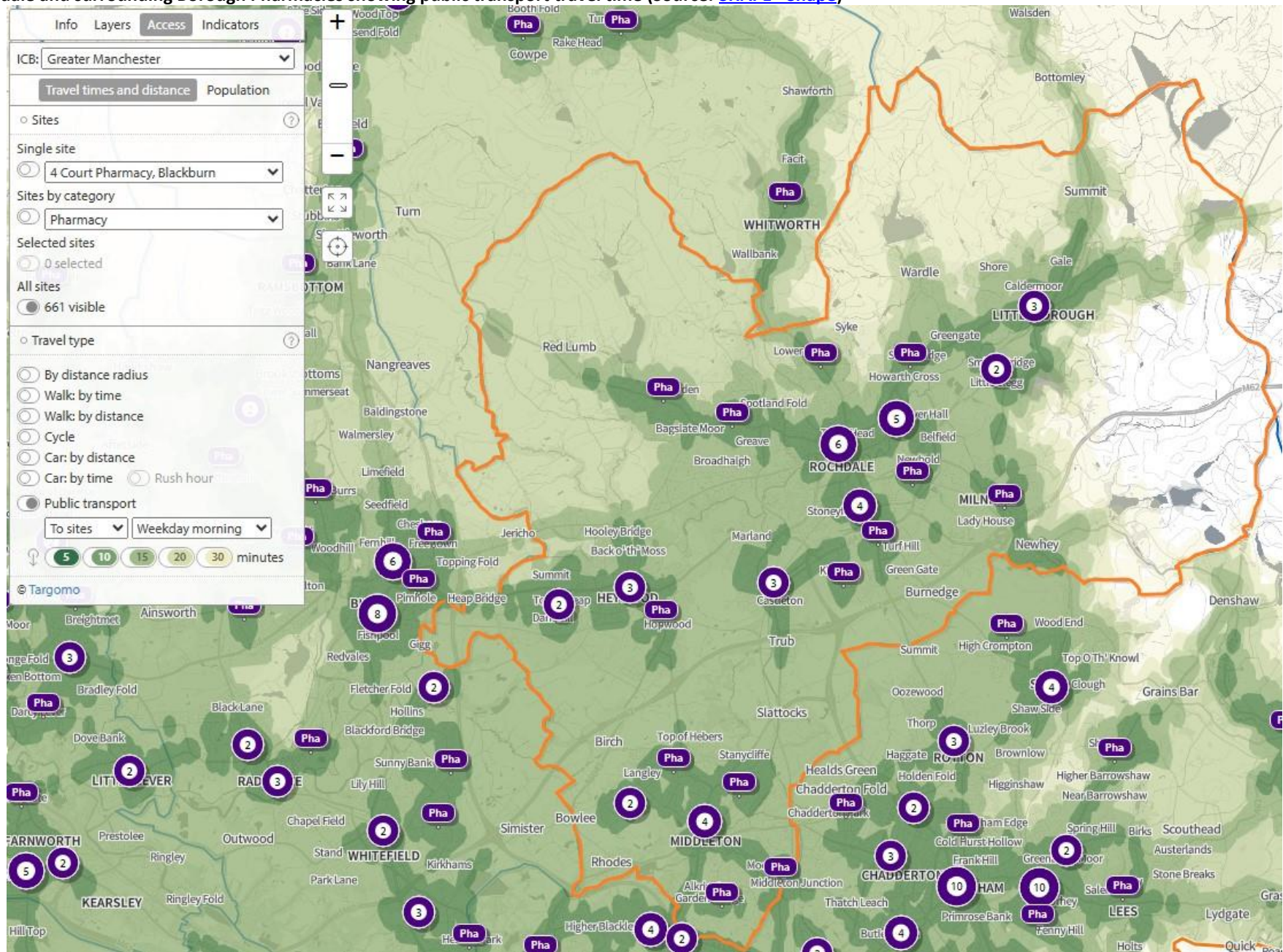
○ Distribution

The chart shows the estimated population per km<sup>2</sup> in mid-year 2022.



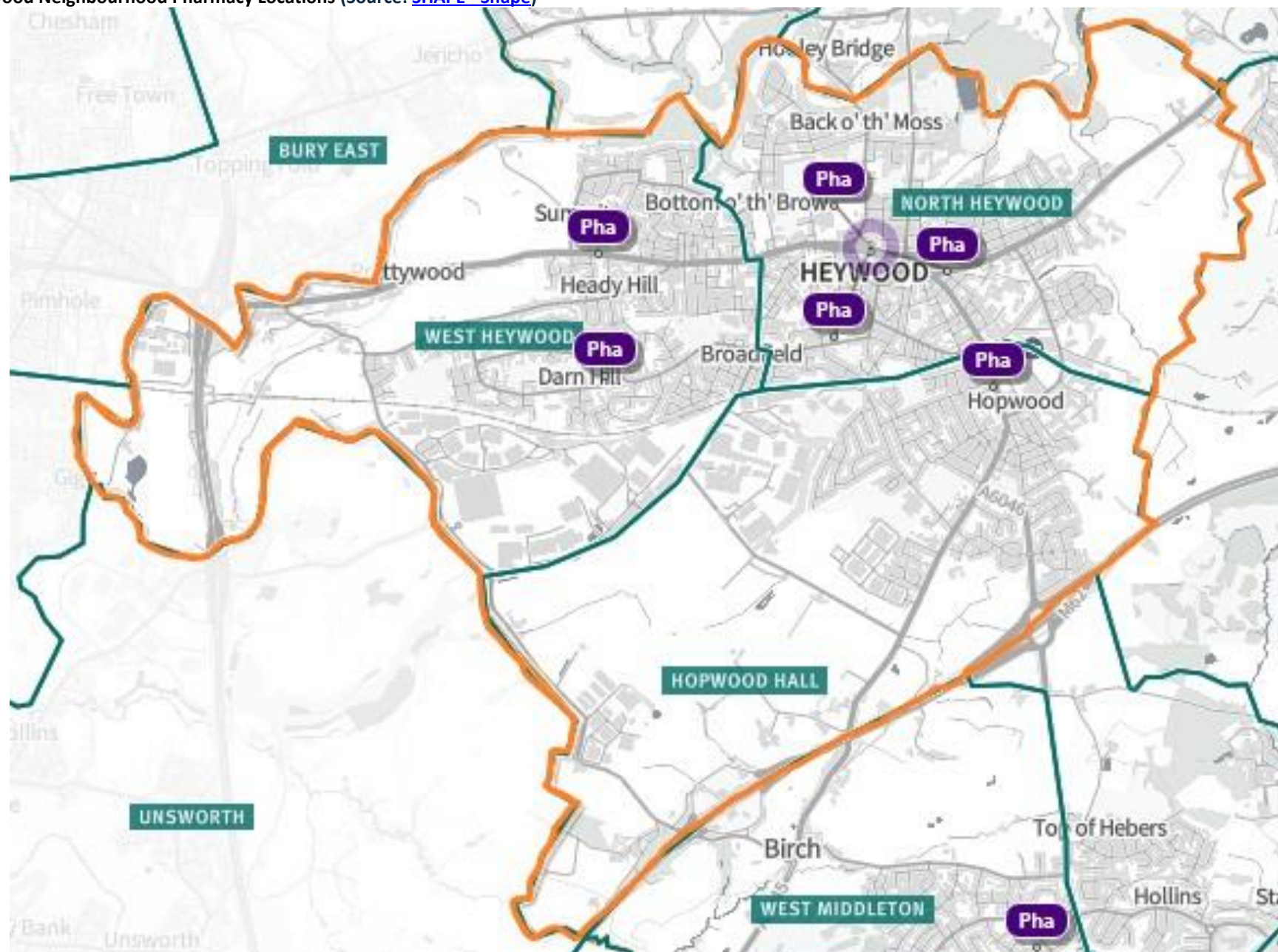


Map 8 - Rochdale and surrounding Borough Pharmacies showing public transport travel time (Source: [SHAPE - Shape](#))

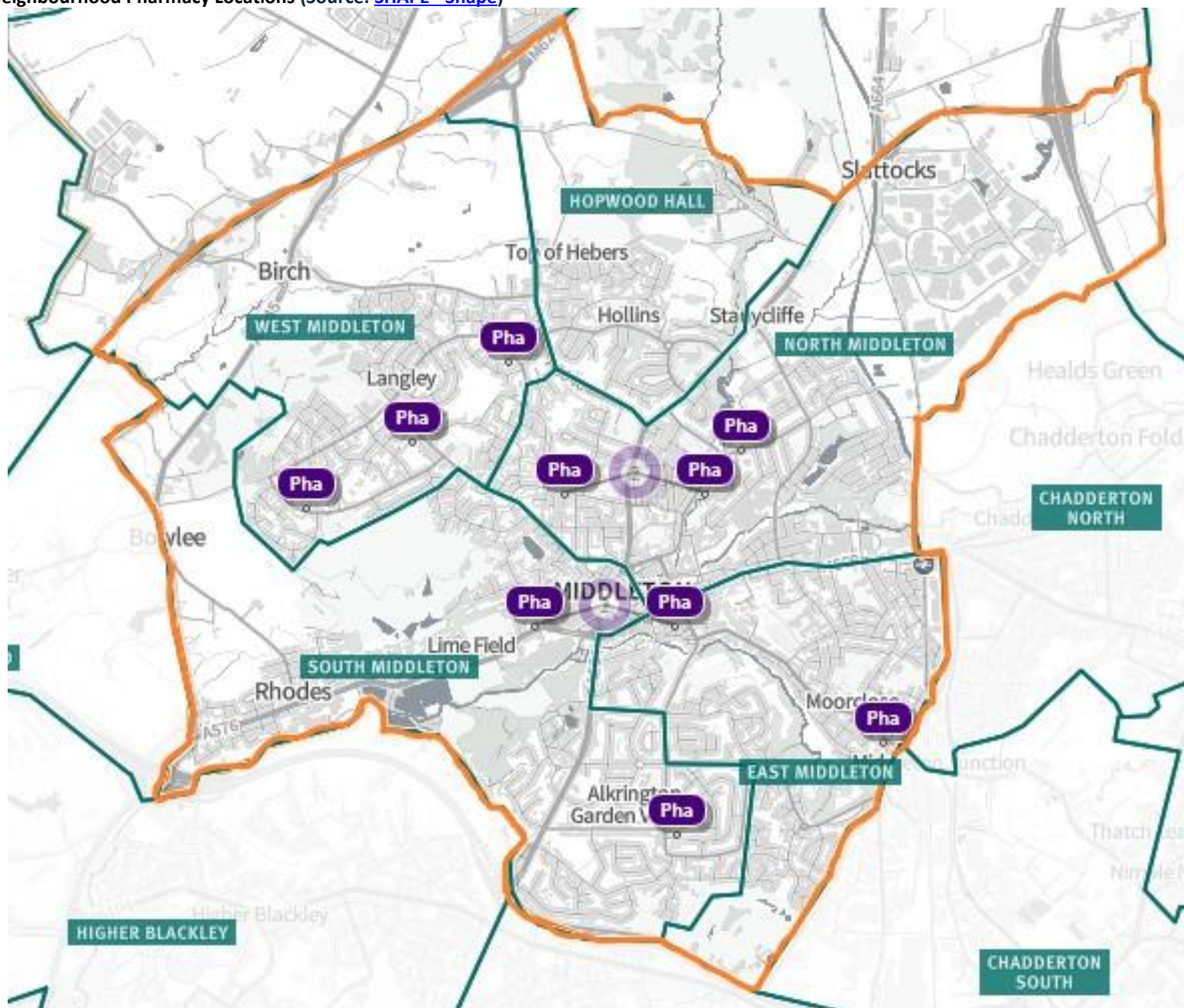




Map 9 - Heywood Neighbourhood Pharmacy Locations (Source: [SHAPE - Shape](#))

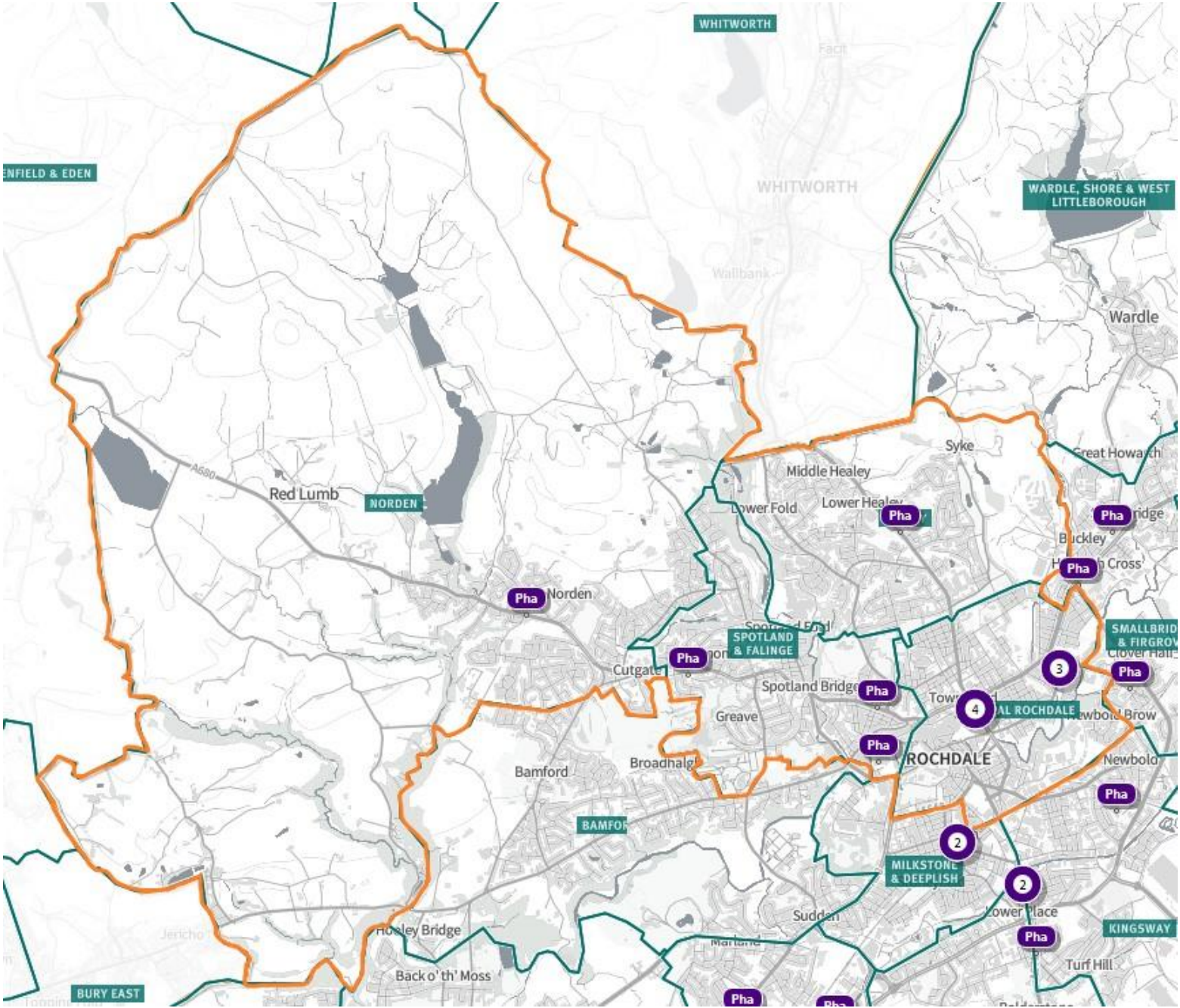


Map 10 - Middleton Neighbourhood Pharmacy Locations (Source: [SHAPE - Shape](#))





Map 11 - Rochdale North Neighbourhood Pharmacy Locations (Source: [SHAPE - Shape](#))





The map displays the Greater Manchester region with the GMCA boundary highlighted in orange. Key locations and features include:

- Towns and Districts:** Rochdale, Heywood, Oldham, and parts of Bolton and Bury.
- Numbered Circles:** Four circles are numbered 1, 2, 3, and 4, indicating specific areas of interest.
- Labels:** Various labels are present, including 'Pha' (likely referring to Phase 1 of the GMCA), 'Milkstone & Deepdish', 'Bamford', 'North Heywood', 'Castleton', 'Trub', 'Slattocks', 'Royton North', 'Crom', 'Barnfield', 'Back o' th' Moss', 'Flowley Bridge', 'Cutgate', 'Spotland Bridge', 'Greave', 'Broadhalgh', 'Sudden', 'Lower Place', 'Turf Hill', 'Balderstone', 'Green Gate', 'Pleasant View', 'Burnedge', 'Buersil Head', 'Summit', 'Oazewood', and 'Thorp'.
- Infrastructure:** Major roads like the M62 and M60 are visible, along with bridges like the Flowley Bridge and Spotland Bridge.



[illegible]