

Accessibility Foodscapes (for London area only)

Description: Accessibility foodscapes were derived as a part of the morphometric analysis of the built environment that was conducted by the Cochrane Institute of Primary Care and Public Health, Cardiff University. They are divided into two categories:

- Density of food outlets
- Street network accessibility to food outlets

Density of food outlets

Description: Density of various typologies of food outlets was measured within 0.5, 1.0, 1.5 kilometre street network catchments of UK Biobank respondent’s dwelling as well as within the lower super output areas in which they resided. Densities of 19 different typologies of food-related destinations were calculated.

For more information and detailed description of the methodology and variables please refer to the document in the ‘Additional Resources’ tab.

| Description | File |
|--|---|
| Header file defining names and labels for columns in tables below | UKB_London_Foodoutlet_Density_Header.csv |
| Density of food outlets within LSOA in which the UK Biobank participant resides | UKB_London_Foodoutlet_Density_LSOAs.csv |
| Density of food outlets within 500 metres street catchment area from the UK Biobank participant’s residence | UKB_London_Foodoutlet_Density_Netbuf500m.csv |
| Density of food outlets within 1000 metres street catchment area from the UK Biobank participant’s residence | UKB_London_Foodoutlet_Density_Netbuf1000m.csv |
| Density of food outlets within 1500 metres street catchment area from the UK Biobank participant’s residence | UKB_London_Foodoutlet_Density_Netbuf1500m.csv |

Description of variables used for calculation of density of food outlets

| Column number | Variable | Component UK MAP retail class description ¹ | | | |
|---------------|-----------------------------------|--|--------------|---------------------------------------|--|
| | | Level 1 code | Level 2 code | Full retail classification code (RCC) | Description |
| 1 | Encoded anonymised participant ID | - | - | - | - |
| 2 | Buffer/LSOA_Area | - | - | - | - |
| 3 | Den_RCC_101 | 1 | 1 | 101 | Supermarket |
| 4 | Den_RCC_102 | 1 | 2 | 102 | General convenience store/Grocer/Mini market |
| 5 | Den_RCC_103 | 1 | 3 | 103 | Butcher |
| 6 | Den_RCC_104 | 1 | 4 | 104 | Greengrocer |
| 7 | Den_RCC_105 | 1 | 5 | 105 | Fishmonger |
| 8 | Den_RCC_106 | 1 | 6 | 106 | Baker |
| 9 | Den_RCC_107 | 1 | 7 | 107 | Delicatessen/Specialist |
| 10 | Den_RCC_108 | 1 | 8 | 108 | Confectionary |
| 11 | Den_RCC_109 | 1 | 9 | 109 | Off Licence |
| 12 | Den_RCC_201 | 2 | 1 | 201 | Restaurant |
| 13 | Den_RCC_202 | 2 | 2 | 202 | Take-away |
| 14 | Den_RCC_203 | 2 | 3 | 203 | Coffee Shop/Internet Café |
| 15 | Den_RCC_204 | 2 | 4 | 204 | Sandwich Bar |
| 16 | Den_RCC_207 | 2 | 7 | 207 | Public House/Wine bar |
| 17 | Den_RCC_208 | 2 | 8 | 208 | Hotels, Guest Houses, Bed and Breakfast etc. |
| 18 | Den_RCC_301 | 3 | 1 | 301 | Department store |
| 19 | Den_RCC_303 | 3 | 3 | 303 | General store (WHSmith, Poundstretcher etc) |
| 20 | Den_RCC_304 | 3 | 4 | 304 | Newsagent |
| 21 | Den_RCC_306 | 3 | 6 | 306 | Markets, mixed bazaar |

Street network accessibility to food outlets

Description: These tables contain street network distance (in metres) to the nearest food outlet of a specific typology (such as restaurant, butcher, sandwich bar) within Lower Super Output Area (LSOA), 500, 1000 and 1500 metres of each UK Biobank participant’s address of residence.

For more information and detailed description of the methodology and variables please refer to the document in the ‘Additional Resources’ tab.

| Description | File |
|--|-------------------------------------|
| Header file defining names and labels for columns in table below | UKB_London_Foodoutlet_ND_Header.csv |
| Street network distance in metres of UK Biobank participant’s residence to specific food outlet. | UKB_London_Foodoutlet_ND.csv |

Description of variables used for calculation of network distance to food outlets

| Column number | Variable | Component UK MAP retail class description ¹ | | | |
|---------------|-----------------------------------|--|--------------|---------------------------------------|--|
| | | Level 1 code | Level 2 code | Full retail classification code (RCC) | Description |
| 1 | Encoded anonymised participant ID | - | - | - | - |
| 2 | ND_RCC_101 | 1 | 1 | 101 | Supermarket |
| 3 | ND_RCC_102 | 1 | 2 | 102 | General convenience store/Grocer/Mini market |
| 4 | ND_RCC_103 | 1 | 3 | 103 | Butcher |
| 5 | ND_RCC_104 | 1 | 4 | 104 | Greengrocer |
| 6 | ND_RCC_105 | 1 | 5 | 105 | Fishmonger |
| 7 | ND_RCC_106 | 1 | 6 | 106 | Baker |
| 8 | ND_RCC_107 | 1 | 7 | 107 | Delicatessen/Specialist |
| 9 | ND_RCC_108 | 1 | 8 | 108 | Confectionary |
| 10 | ND_RCC_109 | 1 | 9 | 109 | Off Licence |
| 11 | ND_RCC_201 | 2 | 1 | 201 | Restaurant |
| 12 | ND_RCC_202 | 2 | 2 | 202 | Take-away |
| 13 | ND_RCC_203 | 2 | 3 | 203 | Coffee Shop/Internet Café |
| 14 | ND_RCC_204 | 2 | 4 | 204 | Sandwich Bar |
| 15 | ND_RCC_207 | 2 | 7 | 207 | Public House/Wine bar |
| 16 | ND_RCC_208 | 2 | 8 | 208 | Hotels, Guest Houses, Bed and Breakfast etc. |
| 17 | ND_RCC_301 | 3 | 1 | 301 | Department store |
| 18 | ND_RCC_303 | 3 | 3 | 303 | General store (WHSmith, Poundstretcher etc) |
| 19 | ND_RCC_304 | 3 | 4 | 304 | Newsagent |
| 20 | ND_RCC_306 | 3 | 6 | 306 | Markets, mixed bazaar |