

High density area shapefiles: explanatory note

We have made our proposed top 20, top 40 and top 80 high density areas available in shapefile (.shp) and Comma Separated Value (.csv) format, to allow stakeholders to consider the extent of these areas in detail should they wish.

The shapefiles have four attributes associated with them:

- **GridSquare**: the reference given to each 1km grid square which forms part of a high density area (e.g. "SE2831").
- **GB/NI**: whether the grid square uses the British National Grid ("GB") or Irish Grid ("NI") reference systems.
- **HDArea**: which high density area the grid square is associated with (e.g. "Leeds & Bradford Area").
- **HDARank**: the rank associated with this square's high density area (e.g. "10").

In addition, the .csv files have an additional column in their data:

- **WKT**: this column allows for the .csv file to be imported as geographic data using well-known text (WKT). Each value will begin with "MULTIPOLYGON".

Please contact mmWave.allocation@ofcom.org.uk with any questions regarding the files.