**Product Specification for Lower Layer Super Output Areas (2001) to travel to work areas (2001) UK lookup**

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| --- | --- | --- | --- | --- |
| **Product name** | **File names** | **Field names** | **Description** | **Field type and length** |
| 2001 Lower Layer Super Output Areas to 2001 travel to work areas lookup | LSOA01\_TTWA01 \_UK\_LU | LSOA01CD  LSOA01NM  TTWA01CD  TTWA01CDO  TTWA01NM  LAD07CD  LAD07NM | 2001 Lower Layer Super Output Area code  2001 Lower Layer Super Output Area name  2001 travel to work area code  2001 travel to work area old style code  2001 travel to work area name  2007 local authority district code  2007 local authority district name | Character – 9  Character – Maximum field length  Character – 9  Character - 3  Character – Maximum field length  Character - 4  Character – Maximum field length |

**Technical information**

This product contains the GSS nine-character codes for the LSOAs (except the Northern Ireland SOAs, which are those supplied by Northern Ireland Statistics and Research Agency (NISRA)) and TTWAs. The old style codes have been supplied for the TTWAs and LADs. For further information, please see the Code History Database (CHD) (link contained within the metadata).

This file is supplied in csv format and when opened the old style codes for travel to work areas do not display correctly, so a separate excel spreadsheet has been added to the zip file to show the codes correctly.

In addition, if your downloaded file is imported into Access, the delimiter will need to be set to 'double quotes', so records are displayed correctly.

Please be aware that if you download this lookup file in text or csv format and then import the file into ArcGIS 10.1, the ArcGIS software will make the assumption that the nine character geography codes contain information that relate to grid reference and attempt to create extra grid references fields based on these codes. If this happens please delete the extra grid reference information fields from your file as these grid references will not be valid or accurate.