# Department for Environment Food \& Rural Affairs 

1 May 2014

## 2011 Rural-Urban Classification of Local Authority and other higher level geographies for statistical purposes

## Interim results identifying rural hub towns to be used in the classification

In August 2013, the 2011 rural-urban classifications for small area geographies, including an Output Area (OA) level classification (the smallest area for which Census data are available), were published by the Office for National Statistics. At the same time, 2011 Census data for rural-urban areas in England and Wales were released, providing rural-urban estimates of populations within local authorities and regions based on the OA level classification. The classifications were produced as part of a cross-government project comprising Defra, Department for the Communities and Local Government, Office for National Statistics and the Welsh Government, and updated those produced after the 2001 Census.

In the OA level classification OAs that had been assigned to built-up areas (settlements) with populations of 10,000 people or more were classed as 'urban', while the remaining OAs were classed as 'rural'. The urban and rural domains were then further sub-divided into broad settlement types, ranging from 'major conurbation' to 'hamlet and isolated dwelling'. The classification also categorised OAs based on context - i.e. whether the wider surrounding area of a given OA was sparsely populated or less sparsely populated. (For more information see: www.gov.uk/government/publications/2011-rural-urban-classification)

The rural-urban classification facilitates statistical analysis, comparing rural and urban areas, for census and other data available at a detailed geographical level. This is important for policy making and monitoring as situations may differ between urban and rural areas across a broad range of issues such as demographics, employment, access to services, and the economy.

Since data are not always available for small area geographies, rural-urban classifications of higher level geographies based on 2011 Census data are also required. The starting point is to create a Local Authority level classification, which will update a classification published in 2005 which was based on data from the 2001 Census (see www.gov.uk/government/publications/2001-rural-urban-definition-la-classification-and-other-geographies). Defra have commissioned Sheffield University to take this work forward for England, and it is due to complete in June this year.

## Identification of hub towns

The Local Authority level classification will be consistent with the OA level classification as the rural population of a Local Authority is based on those living in settlements of below 10,000 people. However, it is recognised that some larger towns play very important roles as 'hubs' in the rural areas around them (rural hinterland) in terms of providing services, employment and businesses. In the previous classification, some larger towns, with populations between 10,000 and 30,000 were identified, based on selected services present, as being important for the rural communities around them. In classifying the Local Authorities previously, the populations of these towns were counted as 'rural' rather than urban.

Consistent with the 2001-based classification, hub towns identified for the 2011based classification have populations between 10,000 and 30,000 . However, they have been identified as hubs using a different methodology from last time, which is more consistent with the approach taken to create the 2011 rural-urban classifications for small area geographies. The new methodology continues to take account of service provision, but given the changing nature of the way in which people access services, employment and businesses it was no longer considered appropriate to determine whether a town performs a hub function on the basis of whether or not a limited list of services is present. Furthermore, the previous determination of the towns did not take account of the wider context and position of the towns within the rural hinterland, and their proximity to other towns.

The methodology considers the following to identify hub towns:

- identification of built-up areas (settlements) with populations between 10,000 and 30,000 people;
- the density of residential dwellings within 2 kilometres compared with the residential dwelling density within 10 kilometres, determined for each hectare ( 100 metre by 100 metre square). This is referred to as the residential ratio. This test might be thought of as measuring the potential for a concentration of population with the potential to form a hub for local services;
- the density of non-residential establishments within 2 kilometres compared with the density of non-residential establishments within 10 kilometres, determined for each hectare. This is referred to as the non-residential ratio. This is very closely correlated with the residential ratio, and is considering the extent to which the town is a concentration of businesses and services;
- the density of non-residential establishments within 2 kilometres compared with the density of residential dwellings within 10 kilometres, determined for each hectare. This is referred to as the cross-ratio. This is very closely correlated with the residential ratio. It is effectively looking at the extent to which there are non-residential establishments (businesses and services)
within the town that are likely to be serving the needs of the rural population beyond the town, rather than just the population within the town.

The built-up areas (settlements) identified as hub towns are listed in the attached Annex.

The next stage of the research is to develop the methodology for the classification for Local Authorities taking into account these hub towns.

It should be noted that the methodology for classifying Local Authorities is also likely to be revised, and the threshold populations or proportions used in the 2001-based classification may not apply.

More detailed information on the methodology, thresholds applied to identify hub towns, and other background material will be available when the research is completed and the Local Authority rural-urban classification published.

## Built-up areas (settlements) identified as hub towns

| Built-up area hub town | Built-up area code | Built-up area population | Within local authority district(s) | Local authority district code(s) 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Alton (East Hampshire) BUA | E34003769 | 18,261 | East Hampshire | E07000085 |
| Amesbury BUA | E34001982 | 10,116 | Wiltshire | E06000054 |
| Ampthill BUA | E34004222 | 20,026 | Central Bedfordshire | E06000056 |
| Ashby-de-la-Zouch BUA | E34003491 | 12,370 | North West Leicestershire | E07000134 |
| Ashington (Northumberland) BUA | E34001445 | 27,670 | Northumberland | E06000048 |
| Atherstone BUA | E34004986 | 11,237 | North Warwickshire \& Hinckley and Bosworth | E07000218 / E07000132 |
| Attleborough BUA | E34003517 | 10,549 | Breckland | E07000143 |
| Barnoldswick BUA | E34000115 | 10,435 | Pendle | E07000122 |
| Beccles BUA | E34003308 | 13,868 | Waveney \& South Norfolk | E07000206 / E07000149 |
| * Berkhamsted BUA | E34004594 | 21,997 | Dacorum | E07000096 |
| Berwick-upon-Tweed BUA | E34004204 | 13,265 | Northumberland | E06000048 |
| Bideford BUA | E34005044 | 28,672 | Torridge | E07000046 |
| Biggleswade BUA | E34002609 | 16,551 | Central Bedfordshire | E06000056 |
| Bishop Auckland BUA | E34004911 | 26,050 | County Durham | E06000047 |
| Blandford Forum BUA | E34004125 | 11,694 | North Dorset | E07000050 |
| Bodmin BUA | E34001604 | 14,614 | Cornwall | E06000052 |
| Bordon BUA | E34004641 | 20,978 | East Hampshire | E07000085 |
| Bourne BUA | E34003418 | 13,961 | South Kesteven | E07000141 |
| Brackley BUA | E34000857 | 13,018 | South Northamptonshire | E07000155 |
| Bridgnorth BUA | E34004785 | 12,657 | Shropshire | E06000051 |
| Bridport BUA | E34004484 | 13,737 | West Dorset | E07000052 |
| Brixham BUA | E34003104 | 16,693 | Torbay | E06000027 |
| * Brough (East Riding of Yorkshire) BUA | E34004944 | 19,904 | East Riding of Yorkshire | E06000011 |
| Buckingham BUA | E34000850 | 12,890 | Aylesbury Vale | E07000004 |
| Burnham-on-Sea BUA | E34004580 | 23,325 | Sedgemoor | E07000188 |
| Buxton (High Peak) BUA | E34004138 | 22,115 | High Peak | E07000037 |


| Built-up area hub town | Built-up area code | Built-up area population | Within local authority district(s) | Local authority district code(s) 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Calne BUA | E34003294 | 17,274 | Wiltshire | E06000054 |
| Carterton BUA | E34004919 | 16,364 | West Oxfordshire | E07000181 |
| Catterick Garrison BUA | E34004346 | 11,804 | Richmondshire | E07000166 |
| Chard BUA | E34000290 | 13,074 | South Somerset | E07000189 |
| Chatteris BUA | E34003102 | 10,298 | Fenland | E07000010 |
| Cheadle BUA | E34003425 | 11,404 | Staffordshire Moorlands | E07000198 |
| Cinderford BUA | E34004957 | 12,942 | Forest of Dean | E07000080 |
| Cirencester BUA | E34005029 | 17,153 | Cotswold | E07000079 |
| Clevedon BUA | E34003928 | 21,002 | North Somerset | E06000024 |
| Clitheroe BUA | E34001416 | 14,765 | Ribble Valley | E07000124 |
| Coleford (Forest of Dean) BUA | E34004910 | 10,397 | Forest of Dean | E07000080 |
| Congleton BUA | E34003723 | 26,178 | Cheshire East | E06000049 |
| Consett BUA | E34004552 | 29,137 | County Durham \& Northumberland | E06000047 / E06000048 |
| Cowes BUA | E34005011 | 21,226 | Isle of Wight | E06000046 |
| Cranleigh BUA | E34004800 | 11,082 | Waverley | E07000216 |
| Croesowallt BUA | E34002877 | 18,743 | Shropshire | E06000051 |
| Crowborough BUA | E34004388 | 20,607 | Wealden | E07000065 |
| Daventry BUA | E34000473 | 23,879 | Daventry | E07000151 |
| Dawlish BUA | E34001067 | 11,312 | Teignbridge | E07000045 |
| Dereham BUA | E34002816 | 20,651 | Breckland | E07000143 |
| Devizes BUA | E34001645 | 18,064 | Wiltshire | E06000054 |
| Didcot BUA | E34004758 | 29,341 | South Oxfordshire \& Vale of White Horse | E07000179 / E07000180 |
| Diss BUA | E34004767 | 10,734 | South Norfolk \& Mid Suffolk | E07000149 / E07000203 |
| Dorchester (West Dorset) BUA | E34000016 | 19,060 | West Dorset | E07000052 |
| Dorking BUA | E34004809 | 17,747 | Mole Valley | E07000210 |
| Downham Market BUA | E34000027 | 10,884 | King's Lynn and West Norfolk | E07000146 |
| Driffield BUA | E34001493 | 13,080 | East Riding of Yorkshire | E06000011 |
| Droitwich BUA | E34004685 | 23,834 | Wychavon | E07000238 |
| Dursley BUA | E34004711 | 14,992 | Stroud | E07000082 |
| * Earl Shilton BUA | E34004950 | 19,578 | Hinckley and Bosworth \& Blaby | E07000132 / E07000129 |


| Built-up area hub town | Built-up area code | Built-up area population | Within local authority district(s) | Local authority district code(s) 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Ely BUA | E34000020 | 19,090 | East Cambridgeshire | E07000009 |
| Evesham BUA | E34004292 | 23,576 | Wychavon | E07000238 |
| Faversham BUA | E34004278 | 19,829 | Swale | E07000113 |
| Felixstowe BUA | E34004644 | 29,171 | Suffolk Coastal | E07000205 |
| Fleetwood BUA | E34003462 | 25,359 | Wyre | E07000128 |
| Frome BUA | E34000692 | 26,203 | Mendip | E07000187 |
| Gainsborough BUA | E34004397 | 20,842 | West Lindsey | E07000142 |
| Gillingham (North Dorset) BUA | E34002474 | 11,278 | North Dorset | E07000050 |
| Godalming BUA | E34004943 | 22,689 | Waverley \& Guildford | E07000216 / E07000209 |
| Goole BUA | E34004857 | 20,810 | East Riding of Yorkshire | E06000011 |
| Hailsham BUA | E34000755 | 19,977 | Wealden | E07000065 |
| Halstead BUA | E34001263 | 11,906 | Braintree | E07000067 |
| Harwich BUA | E34005034 | 20,723 | Tendring | E07000076 |
| Haslemere BUA | E34004734 | 13,651 | Waverley \& Chichester \& East Hampshire | E07000216 / E07000225 / E07000085 |
| Haverhill BUA | E34000327 | 27,041 | St Edmundsbury \& Braintree | E07000204 / E07000067 |
| Helston BUA | E34004834 | 12,184 | Cornwall | E06000052 |
| Henley-on-Thames BUA | E34000430 | 11,494 | South Oxfordshire \& Wokingham | E07000179 / E06000041 |
| Hexham BUA | E34004191 | 11,388 | Northumberland | E06000048 |
| Honiton BUA | E34002446 | 11,483 | East Devon | E07000040 |
| Huntingdon BUA | E34002257 | 23,937 | Huntingdonshire | E07000011 |
| Ilfracombe BUA | E34002653 | 11,184 | North Devon | E07000043 |
| Ilkley BUA | E34004322 | 14,809 | Bradford \& Harrogate | E08000032 / E07000165 |
| Immingham BUA | E34004847 | 10,750 | North East Lincolnshire \& North Lincolnshire | E06000012 / E06000013 |
| Ivybridge BUA | E34000867 | 11,851 | South Hams | E07000044 |
| Kendal BUA | E34005015 | 29,147 | South Lakeland | E07000031 |
| Kidlington BUA | E34004616 | 15,829 | Cherwell | E07000177 |
| Knutsford BUA | E34002605 | 13,191 | Cheshire East | E06000049 |
| Leek BUA | E34004811 | 19,903 | Staffordshire Moorlands | E07000198 |
| Leominster BUA | E34001545 | 10,938 | Herefordshire, County of | E06000019 |
| Lewes BUA | E34003222 | 17,297 | Lewes | E07000063 |


| Built-up area hub town | Built-up area code | Built-up area population | Within local authority district(s) | Local authority district code(s) 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Louth BUA | E34001434 | 16,419 | East Lindsey | E07000137 |
| Ludlow BUA | E34003206 | 10,515 | Shropshire | E06000051 |
| Lymington BUA | E34004953 | 16,446 | New Forest | E07000091 |
| Mablethorpe BUA | E34000776 | 12,531 | East Lindsey | E07000137 |
| Maldon BUA | E34002041 | 21,462 | Maldon | E07000074 |
| March BUA | E34000055 | 21,051 | Fenland | E07000010 |
| Market Deeping BUA | E34000508 | 13,574 | South Kesteven \& Peterborough | E07000141 / E06000031 |
| Market Drayton BUA | E34001024 | 11,773 | Shropshire | E06000051 |
| Market Harborough BUA | E34004281 | 22,911 | Harborough | E07000131 |
| * Marlow BUA | E34004673 | 18,261 | Wycombe \& Windsor and Maidenhead | E07000007 / E06000040 |
| Matlock BUA | E34004225 | 14,956 | Derbyshire Dales | E07000035 |
| Melksham BUA | E34004479 | 19,357 | Wiltshire | E06000054 |
| Melton Mowbray BUA | E34004343 | 27,158 | Melton | E07000133 |
| Midsomer Norton/Radstock BUA | E34005049 | 27,136 | Bath and North East Somerset \& Mendip | E06000022 / E07000187 |
| Mildenhall BUA | E34004588 | 14,382 | Forest Heath | E07000201 |
| Minehead BUA | E34000469 | 11,981 | West Somerset | E07000191 |
| Minster (Swale) BUA | E34004619 | 22,167 | Swale | E07000113 |
| Morpeth BUA | E34004229 | 14,403 | Northumberland | E06000048 |
| * Nailsea BUA | E34004581 | 20,543 | North Somerset | E06000024 |
| Nantwich BUA | E34000994 | 17,226 | Cheshire East | E06000049 |
| Newmarket BUA | E34001461 | 20,384 | Forest Heath \& East Cambridgeshire | E07000201 / E07000009 |
| Newport (Isle of Wight) BUA | E34001267 | 24,884 | Isle of Wight | E06000046 |
| Newport (Telford and Wrekin) BUA | E34002854 | 12,741 | Telford and Wrekin | E06000020 |
| Newquay BUA | E34002180 | 20,189 | Cornwall | E06000052 |
| Newton Aycliffe BUA | E34002689 | 25,964 | County Durham \& Darlington | E06000047 / E06000005 |
| North Walsham BUA | E34003606 | 12,463 | North Norfolk | E07000147 |
| Northallerton BUA | E34000922 | 16,832 | Hambleton | E07000164 |
| Norton-on-Derwent/Malton BUA | E34004960 | 11,937 | Ryedale | E07000167 |
| Oakham BUA | E34001373 | 10,922 | Rutland | E06000017 |
| Penrith BUA | E34000039 | 15,181 | Eden | E07000030 |


| Built-up area hub town | Built-up area code | Built-up area population | Within local authority district(s) | Local authority district code(s) 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Penzance BUA | E34004797 | 19,872 | Cornwall | E06000052 |
| Petersfield BUA | E34001430 | 14,974 | East Hampshire | E07000085 |
| Prudhoe BUA | E34004966 | 12,075 | Northumberland | E06000048 |
| Retford BUA | E34001504 | 22,023 | Bassetlaw | E07000171 |
| Ringwood BUA | E34004899 | 14,084 | New Forest | E07000091 |
| Ripon BUA | E34002624 | 16,363 | Harrogate | E07000165 |
| Ross-on-Wye BUA | E34000710 | 10,582 | Herefordshire, County of | E06000019 |
| Royston BUA | E34000067 | 15,781 | North Hertfordshire | E07000099 |
| Rugeley BUA | E34002554 | 24,033 | Cannock Case \& Lichfield | E07000192 / E07000194 |
| Ryde BUA | E34005000 | 26,082 | Isle of Wight | E06000046 |
| Saffron Walden BUA | E34002562 | 15,210 | Uttlesford | E07000077 |
| Sandbach BUA | E34004336 | 17,976 | Cheshire East | E06000049 |
| Sandown/Shanklin BUA | E34004806 | 21,374 | Isle of Wight | E06000046 |
| Sandy BUA | E34004794 | 11,657 | Central Bedfordshire | E06000056 |
| Selby BUA | E34005037 | 24,859 | Selby | E07000169 |
| Selsey BUA | E34002637 | 10,550 | Chichester | E07000225 |
| Sevenoaks BUA | E34004987 | 29,506 | Sevenoaks | E07000111 |
| Sheerness BUA | E34001491 | 11,938 | Swale | E07000113 |
| Shepton Mallet BUA | E34004415 | 10,369 | Mendip | E07000187 |
| Sidmouth BUA | E34000796 | 12,569 | East Devon | E07000040 |
| Skegness BUA | E34004327 | 24,876 | East Lindsey | E07000137 |
| Skipton BUA | E34003174 | 14,623 | Craven | E07000163 |
| Sleaford BUA | E34003071 | 17,359 | North Kesteven | E07000139 |
| * South Elmsall/South Kirkby BUA | E34004896 | 18,899 | Wakefield | E08000036 |
| St Austell BUA | E34004956 | 25,447 | Cornwall | E06000052 |
| St Ives (Huntingdonshire) BUA | E34004769 | 19,519 | Huntingdonshire | E07000011 |
| Stamford BUA | E34004894 | 20,592 | South Kesteven \& Peterborough \& Rutland | E07000141 / E06000031 / E06000017 |
| Stocksbridge BUA | E34003743 | 13,069 | Sheffield | E08000019 |
| Stone (Stafford) BUA | E34004421 | 16,385 | Stafford | E07000197 |
| Stourport-on-Severn BUA | E34004706 | 20,586 | Wyre Forest \& Wychavon | E07000239 / E07000238 |


| Built-up area hub town | Built-up area code | Built-up area population | Within local authority district(s) | Local authority district code(s) 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Stowmarket BUA | E34004865 | 21,028 | Mid Suffolk | E07000203 |
| Stratford-upon-Avon BUA | E34004210 | 27,830 | Stratford-on-Avon | E07000221 |
| Street BUA | E34000656 | 12,911 | Mendip | E07000187 |
| Sudbury BUA | E34002053 | 22,213 | Babergh | E07000200 |
| Swanage BUA | E34004282 | 10,454 | Purbeck | E07000051 |
| Tadley BUA | E34004604 | 15,836 | Basingstoke and Deane | E07000084 |
| Tavistock BUA | E34004090 | 12,280 | West Devon | E07000047 |
| Teignmouth BUA | E34004878 | 17,463 | Teignbridge | E07000045 |
| Tewkesbury BUA | E34004442 | 19,778 | Tewkesbury \& Wychavon | E07000083 / E07000238 |
| Thame BUA | E34004485 | 11,329 | South Oxfordshire | E07000179 |
| Thetford BUA | E34004143 | 24,833 | Breckland | E07000143 |
| Thornbury BUA | E34000645 | 11,687 | South Gloucestershire | E06000025 |
| Thorne BUA | E34004742 | 17,295 | Doncaster | E08000017 |
| Tiverton BUA | E34003112 | 19,544 | Mid Devon | E07000042 |
| Todmorden BUA | E34003742 | 11,690 | Calderdale | E08000033 |
| Tring BUA | E34002511 | 11,929 | Dacorum | E07000096 |
| Truro BUA | E34004757 | 23,041 | Cornwall | E06000052 |
| Uckfield BUA | E34004591 | 18,452 | Wealden | E07000065 |
| Ulverston BUA | E34000573 | 11,356 | South Lakeland | E07000031 |
| Uttoxeter BUA | E34003596 | 13,089 | East Staffordshire | E07000193 |
| Verwood BUA | E34002917 | 13,360 | East Dorset | E07000049 |
| Wallingford BUA | E34005025 | 10,348 | South Oxfordshire | E07000179 |
| Walton-on-the-Naze BUA | E34004815 | 17,458 | Tendring | E07000076 |
| Wantage BUA | E34003553 | 18,505 | Vale of White Horse | E07000180 |
| Warminster BUA | E34004483 | 17,490 | Wiltshire | E06000054 |
| Wellington (Taunton Deane) BUA | E34004795 | 13,822 | Taunton Deane | E07000190 |
| Wells BUA | E34004695 | 11,343 | Mendip | E07000187 |
| Wetherby BUA | E34004992 | 13,572 | Leeds | E08000035 |
| Whitby BUA | E34003687 | 13,213 | Scarborough | E07000168 |
| Whitehaven BUA | E34004947 | 24,900 | Copeland | E07000029 |


| Built-up area hub town | Built-up area code | Built-up area population | Within local authority district(s) | Local authority district code(s) 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Whittlesey BUA | E34003389 | 12,745 | Fenland | E07000010 |
| Witham BUA | E34000527 | 25,353 | Braintree | E07000067 |
| Witney BUA | E34004274 | 29,103 | West Oxfordshire | E07000181 |
| Wootton Bassett BUA | E34001070 | 11,265 | Wiltshire | E06000054 |
| Workington BUA | E34005018 | 27,120 | Allerdale | E07000026 |
| Wymondham (South Norfolk) BUA | E34003864 | 13,587 | South Norfolk | E07000149 |

1. An asterisk (*) indicates that hub town criteria are met at the BUA subdivision level only.
2. To produce the rural-urban statistical classification Ordnance Survey, the national mapping agency of Great Britain, were commissioned by a cross government working group to create the digital boundaries for the 2011 built-up areas using an automated approach based on grid squares and the proportion of categorised features with them. Where the resulting grid-based built-up areas were less than 200 metres apart they were joined to form a single built-up area (built-up areas so joined are referred to as subdivisions of the larger built-up area). Output areas overlaying the built-up areas were then used to determine the population, and where the aggregate population was greater than 10,000 then the built-up areas were classed as urban, as were the underlying output areas.
3. For more information refer to the built-up area user guide: www.ons.gov.uk/ons/guide-method/geography/beginner-s-guide/census/built-up-areas---built-up-area-sub-divisions/index.html
4. The methodology applied is different from that used to identify the larger towns in the previous Local Authority classification. Furthermore the list of possible towns to be investigated is different as some towns that were below 10,000 population in 2001 have populations in 2011 above that level and hence are now classed as urban and were included in the investigation; similarly some larger towns identified last time will have increased in population by the 2011 Census and are now above the 30,000 threshold applied.

## Official Statistics

These statistics have been produced to the high professional standards set out in the Code of Practice for Official Statistics, which sets out eight principles including meeting user needs, impartiality and objectivity, integrity, sounds methods and assured quality, frankness and accessibility. More information on the Code of Practice can be found at www.statisticsauthority.gov.uk/assessment/code-of-practice/index.html.

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