

## OUTPUT AREAS (2001) TO OUTPUT AREAS (2011) TO LOCAL AUTHORITY DISTRICTS (2011) E+W LOOKUP



Title	Output areas (2001) to output areas (2011) to local authority districts (2011) E+W Lookup
Alternative title	Output areas (2001) to output areas (2011) to LAD (2011) E+W Lookup
Alternative title	OA01_OA11_LAD11_EW_LU
Abstract	<p>This is a best-fit lookup file between output areas as at December 2001 and output areas and local authority districts as at December 2011 in England and Wales.</p> <p>The original set of output areas created in 2003 from 2001 Census data, and constrained to 2003 administrative boundaries current at the time they were created, are referred to as 2001 output areas. Output areas (OA) are used across the United Kingdom as the base unit of 2001 Census output. In England and Wales OA are built from clusters of unit postcodes as at 2001 Census Day and fit within the boundaries of parishes and 2003 statistical wards. The minimum OA size is 40 resident households and 100 resident persons but the target size was rather larger at 125 households. These size thresholds meant that unusually small wards and parishes were merged into larger OA. The 175,434 OA in England (165,665) and Wales (9,769) were used as the building blocks for lower and middle layer super output areas (higher level statistical geographies).</p> <p>The 2001 output areas and super output areas were maintained using 2011 Census data and are referred to as 2011 output areas and super output areas.</p> <p>2001 OA were modified where:</p> <ul style="list-style-type: none"> <li>- their 2011 population fell below 100 persons or 40 households: in which case it was merged with another OA.</li> <li>- their 2011 population rose above 625: in which case it was split into two or more OA.</li> <li>- they were aligned to local authority district boundaries that had changed between 2003 and 2011.</li> <li>- they were independently assessed as lacking social homogeneity when they were created for 2001.</li> </ul> <p>Local authority districts (LAD) is a generic term to describe the 'district' level of local government in England and Wales. It includes non-metropolitan districts, metropolitan districts, unitary authorities and London boroughs in England; and Welsh unitary authorities. The areas are made up of whole electoral wards/divisions.</p> <p>This product contains both the nine character codes as well as the old style ten character codes for the 2001 output areas. For further information, please see the Code History Database (CHD) link below.</p> <p>The explanation of the field headings in this file are as follows:</p> <ul style="list-style-type: none"> <li>- OA01CD - 2001 output area nine character code.</li> <li>- OA01CDO - 2001 output area old style ten character code.</li> <li>- OA11CD - 2011 output area nine character code.</li> <li>- CHGIND - change indicator</li> <li>- LAD11CD - 2011 local authority district code</li> <li>- LAD11NM - 2011 local authority district names</li> <li>- LAD11NMW - 2011 local authority district Welsh names</li> </ul> <p>This product has been provided with a 'change indicator' field that defines the lookup between 2001 and 2011 output areas. This field indicates which output areas / super output areas have changed between 2001 and 2011. There are four designated categories to describe the changes, and these are as follows:</p> <ul style="list-style-type: none"> <li>- U - No Change from 2001 to 2011. This means that direct comparisons can be made between these 2001 and 2011 OA.</li> <li>- S - Split. This means that the 2001 OA has been split into two or more 2011 OA. There will be one record for each of the 2011 OA that the 2001 OA has been split into. This means direct comparisons can be made between estimates for the single 2001 OA and the estimates from the aggregated 2011 OA.</li> <li>- M - Merged. 2001 OA have been merged with another one or more 2001 OA to form a single 2011 OA. This means direct comparisons can be made between the aggregated 2001 OAs' estimates and the single 2011 OA's estimates.</li> <li>- X - The relationship between 2001 and 2011 OA is irregular and fragmented. This has occurred where 2001 OA have been redesigned because of local authority district boundary changes, or to improve their social homogeneity. These can't be easily mapped to equivalent 2011 OA like the regular splits (S) and merges (M), and therefore like for like comparisons of estimates for 2001 OA and 2011 OA are not possible. Each 2001 OA with an 'X' code is best-fitted to a 2011 OA by plotting the 2001 OA's centroid into a 2011 OA boundary. However, this does not imply an exclusive 1:1 relationship with a 2011 OA, as it will also have a relationship with fragments of other 2011 OA; the lookup is provided here so that all 2001 OA are included in the lookup.</li> </ul> <p>More information about the changes between 2001 and 2011 OA and SOA can be found in the document link below.</p> <p>In response to customer feedback, additional information to show the relationship between 2011 OA and local authority districts has been added to this product. Information on changes to local authority districts as part of the Local Government Reorganisation in 2009 has also been provided as a separate document.</p> <p>All 2011 output areas align exactly within the local authority district boundaries defined as at 31st December 2011.</p> <p>Due to the file containing Welsh characters, the file format of .csv and .txt cannot display them correctly so a .xls file has been supplied which shows the characters in their correct form.</p> <p>Please also note that the file format is .csv or .txt. This means that when importing the file into Access, you will need to set</p>

the delimiter to double quotes, so that all names within the file are displayed correctly.

Unique resource identifier

Identifier	
Code	OA01_OA11_LAD11_EW_LU
Version	v2

Dataset    English  
Language

OnLine resource

OnLine resource      [Guide to the output areas](#)

OnLine resource

OnLine resource      [Guide to the Code History Database](#)

OnLine resource

OnLine resource      [Guide to Beginner's Guide - Administrative](#)

OnLine resource

OnLine resource      [Changes to Output Areas and Super Output Areas in England and Wales, 2001 to 2011](#)

Spatial Reference System

Reference system

Reference system identifier	
Identifier	
Identifier	OSGB 1936 / British National Grid (EPSG:27700)
Codespace	EPSG

Topic category

Topic category code      Society

- Keyword    Output area, OA , England and Wales, EW, E+W , England, Eng, EN , Wales, Wal, WA , Local authority district, LAD , Metropolitan district, MD , London borough, LONB , Non-metropolitan district, NMD , Unitary authority, UA .
- Keyword    Administrative units , Geographical names (theme).

Geographic element

Bounds	
WGS 84	
North bounding latitude	



West  
bounding  
longitude

East  
bounding  
longitude



South bounding latitude

Temporal Extent

Temporal Extent

Temporal Extent

Time period

Begin date	2011-12-31
	2011-12-31
End date	2011-12-31
	2011-12-31

Dataset Reference Date

Date

Date	2011-12-31
Date type	<b>Publication:</b> Date identifies when the resource was issued

Frequency of update **As needed:** Data is updated as deemed necessary

Data quality info

Data quality

Scope

Scope

Hierarchy level	<b>Dataset:</b> Information applies to the dataset
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Report

Domain consistency

<b>Result</b>	
<b>Conformity</b>	
<b>Specification</b>	
<b>Citation</b>	
Title	COMMISSION REGULATION (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
<b>Date</b>	
<b>Date</b>	
Date	2010-12-08
Date type	<b>Publication:</b> Date identifies when the resource was issued
<b>Explanation</b>	
Explanation	<a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:323:0011:0102:EN:PDF">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:323:0011:0102:EN:PDF</a>
Degree	true
<b>Lineage</b>	
<b>Lineage</b>	
Lineage	97.4% of the 2001 OA are unchanged in the 2011 set of OA. Changes to the 2.6% of the 2001 OA that did change were where they were either split or merged as a result of significant population change, to align with local authority district boundaries changed since 2003, or where they were changed to improve their social homogeneity. The local authority district names were taken from the Statutory Instrument (SI) and the codes were created by ONS.
<b>Data format</b>	
<b>Format</b>	
Name	.csv
Version	v2
<b>Data format</b>	
<b>Format</b>	
Name	.txt
Version	v2
<b>Resource constraints</b>	
<b>Legal constraints</b>	
Use constraints	Licence
Use constraints	Copyright Statement to be used in conjunction with the 'Open Government Licence'

Use constraints	Contains National Statistics data © Crown copyright and database right [2013]
Access Constraints	<b>Other restrictions:</b> Limitation not listed
Limitations on public access	Other Restrictions

Resource constraints

Constraints	
Use constraints	<a href="#">Link to the Open Government Licence</a>

Responsible organisation

Organisation name	Office for National Statistics
Contact Position	ONS Geography Customer Services
Responsible Party Role	<b>Point of contact:</b> Party who can be contacted for acquiring knowledge about or acquisition of the resource

Contact Information

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Web Address

OnLine resource	<a href="#">Contact ONS Geography Customer Services</a>
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Metadata point of contact

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Web Address

OnLine [Contact ONS Geography Customer](#)  
resource [Services](#)

Metadata 2013-01-23T10:47:09  
Date  
File 675271ba-c9e0-44ae-b8f2-7ce9eb66836f  
identifier  
Metadata English  
language  
Resource **Dataset:** Information applies to the dataset  
Type