

Geography – Scotland’s Census 2022 Index file specification

The Scotland’s Census 2022 Index contains 2 index tables and various lookups that accompany these tables.

- **2022 Postcode to Output Area Index (POSTCODE_TO_OA)**

This index, or table, simply indicates to which area a postcode belongs. It can be particularly helpful to users who may wish to compare other postcode-based data with Census results.

- **2022 Output Area to Higher Area Index (OA_TO_HIGHER_AREAS)**

This index, or table, provides a link between the Output Area and the ‘higher’ area that the Output Area belongs to. This enables users to aggregate some output on an Output Areas base to a ‘higher’ area, such as Council Area, or Civil Parish.

The higher area assignments provided in this Index, are provided via Point in Polygon (PiP) methodology that matches the 2022 Output Area centroid to the higher area boundaries.

Users are reminded that the higher areas created from the allocation of Output Area may differ from the equivalent higher areas created by allocating postcodes using the Postcode Index, with the result that some addresses may appear in different higher areas. More information on best-fit and exact-fit can be found in the [Geography Policy section](#) of the National Records of Scotland (NRS) website

- **Various lookups are provided to accompany these index tables**

The lookup tables provide codes and names for each of the ‘higher’ areas listed in the 2022 Output Area to Higher Area Index.

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Table Name: Postcode_To_OA

Description: This table lists the 2022 frozen small user postcodes and their allocated 2022 Census Output Area codes.

Field Name	Type/Size	Range	Comments
Postcode	Char(9)		The Royal Mail Postcode. Comprised of for example: Area EH District 10 Sector 4 Unit SU Full postcode = EH10 4SU Along with any split indicator (A, B, C) added by National Records of Scotland (NRS). For example, EH10 4SUA.
OutputArea2022Code	Char(9)	S00135307 to S00181669	A code that identifies a 2022 Census Output Area.
HouseholdCount	Integer		2022 Census occupied household count at postcode level. Cell Key Perturbation has been applied to Scotland’s Census 2022 outputs. This means that small adjustments are made automatically to cells in tables, including the Postcode to Output Area lookup. This is part of our Statistical Disclosure Control methodology, you can read more on the Scotland’s Census website .
PopulationCount	Integer		2022 Census household population count at postcode level. Cell Key Perturbation has been applied to Scotland’s Census 2022 outputs. This means that small adjustments are made automatically to cells in tables, including the Postcode to output Area lookup. This is part of our Statistical Disclosure Control methodology, you can read more on the Scotland’s Census website .

Table Name: OA_To_Higher_Areas

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Description: This table lists the 2022 Census Output Areas and the associated geography information.

Geography	Field Name	Type/Size	Range	Comments
2022 Output Area	OA2022	Char(9)	S00135307 to S00181669	A code that identifies a 2022 Census Output Area.
Council Area	CA2019	Char(9)	S12000005 to S12000050	A code that identifies a 2019 Council Area.
Electoral Ward	EW2022	Char(9)	S13002516 to S13003156	A code that identifies a 2022 Electoral Ward.
Data Zone	DZ2011	Char(9)	S01006506 to S01013481	A code that identifies a 2011 Data Zone (built from 2011 Output Areas).
Civil Parish	CP1930	Char(9)	S35000001 to S35000871	A code that identifies a 1930 Civil Parish.
Scottish Parliamentary Constituency	SPC2021	Char(9)	S16000074 to S16000150	A code that identifies a 2021 Scottish Parliamentary Constituency.
Health Board Area	HBA2019	Char(9)	S08000015 to S08000032	A code that identifies a 2019 Health Board Area.
Census Settlement	CSETT2022	Char(9)	S53000001 to S53000503	A code identifies a 2022 Census Settlement.
Census Locality	CLOC2022	Char(9)	S52000001 to S52000656	A code identifies a 2022 Census Locality.
United Kingdom Parliamentary Constituency	UKPC2005	Char(9)	S14000001 to S14000059	A code that identifies a 2005 UK Parliamentary Constituency.
Island Groups	ISLG2022	Char(9)	S36000058 to S36000110	A code that identifies a 2022 Census Island Group.
Scottish Parliamentary Region	SPR2021	Char(9)	S17000011 to S17000020	A code that identifies a 2021 Scottish Parliamentary Region.
Integration Authority	IA2019	Char(9)	S37000001 to S37000035	A code that identifies a 2019 Integration Authority, also known as Health and Social Care Partnership.

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Geography	Field Name	Type/Size	Range	Comments
National Park	NP2010	Char(9)	S21000002 to S21000003	A code that identifies a 2010 National Park.
Intermediate Zone	IZ2011	Char(9)	S02001236 to S02002514	A code that identifies a 2011 Intermediate Zone (built from 2011 Data Zones).
International Territorial Level 2	ITL2_21	Char(4)	TLM5 to TLM9	International Territorial Levels (ITLs) 2021 Level 2.
International Territorial Level 3	ITL3_21	Char(5)	ITM50 to ITM95	International Territorial Levels (ITLs) 2021 Level 3.
Scottish Index of Multiple Deprivations 2020	SIMD2020	Char(4)	0001 to 6976	A code that ranks small areas called Data Zones from the most deprived ranked 1 to the least deprived ranked 6976. Linked using 2011 Data Zones.
Master Postcode	MasterPC	Char(9)		The Master Postcode is the postcode with grid references closest to the centre of the Output Area weighted by Census total usually resident population (household + communal).
Easting	Easting	Char(6)		British National Grid reference of master postcode – easting to 1 metre resolution.
Northing	Northing	Char(7)		British National Grid reference of master postcode – northing to 1 metre resolution.
Hectarage	Hect	Num		Standard Area Measurement.
Square Kilometres	SqKM	Num		Standard Area Measurement.

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Table Name: Output Area 2022 Lookup

Description: This is a look-up table for the 2022 Output Area codes.

Field Name	Type/Size	Range	Comments
OutputArea2022Code	Char(9)	S00135307 to S00181669	A code that identifies a 2022 Output Area.

Table Name: Council Area 2019 Lookup

Description: This is a look-up table for the 2019 Council Area codes.

Field Name	Type/Size	Range	Comments
CouncilArea2019Code	Char(9)	S12000005 to S12000050	A code that identifies a 2019 Council Area.
CouncilArea2019Name	Char(255)		Name associated with the 2019 Council Area code.

Table Name: Electoral Ward 2022 Lookup

Description: This is a look-up table for the 2022 Electoral Ward codes.

Field Name	Type/Size	Range	Comments
ElectoralWard2022Code	Char(9)	S13002516 to S13003156	A code that identifies a 2022 Electoral Ward.
ElectoralWard2022Name	Char(255)		Name associated with the 2022 Electoral Ward code.

Table Name: Data Zone 2011 Lookup

Description: This is a look-up table for the 2011 Data Zone codes.

Field Name	Type/Size	Range	Comments
Datazone2011Code	Char(9)	S01006506 to S01013481	A code that identifies a 2011 Data Zone.
DataZone2011Name	Char(255)		Name associated with a 2011 Data Zone.

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Table Name: Civil Parish 1930 Lookup

Description: This is a look-up table for the 1930 Civil Parish codes.

Field Name	Type/Size	Range	Comments
CivilParish1930Code	Char(9)	S35000001 to S35000871	A code that identifies a Civil Parish.
CivilParish1930Name	Char(255)		Name associated with the Civil Parish code.

Table Name: Scottish Parliamentary Constituency 2021 Lookup

Description: This is a look-up table for the 2021 Scottish Parliamentary Constituency codes.

Field Name	Type/Size	Range	Comments
ScottishParliamentaryConstituency2021Code	Char(9)	S16000074 to S16000150	A code that identifies a 2021 Scottish Parliamentary Constituency.
ScottishParliamentaryConstituency2021Name	Char(255)		Name associated with the 2021 Scottish Parliamentary Constituency code.

Table Name: Health Board Area 2019 Lookup

Description: This is a look-up table for the 2019 Health Board Area codes.

Field Name	Type/Size	Range	Comments
HealthBoardArea2019Code	Char(9)	S08000015 to S08000032	A code that identifies a 2019 Health Board area.
HealthBoardArea2019Name	Char(255)		Name associated with the 2019 Health Board code.

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Table Name: Census Settlement 2022 Lookup

Description: This is a look-up table for the 2022 Census Settlement codes.

Field Name	Type/Size	Range	Comments
CensusSettlement2022Code	Char(9)	S53000001 to S53000503	A code that identifies a 2022 Census Settlement.
CensusSettlement2022Name	Char(255)		Name associated with a 2022 Census Settlement code.

Table Name: Census Locality 2022 Lookup

Description: This is a look-up table for the 2022 Census Locality codes.

Field Name	Type/Size	Range	Comments
CensusLocality2022Code	Char(9)	S52000001 to S52000656	A code that identifies a 2022 Census Settlement.
CensusLocality2022Name	Char(255)		Name associated with a 2022 Census Settlement code.

Table Name: UK Parliamentary Constituency 2005 Lookup

Description: This is a look-up table for the 2005 UK Parliamentary Constituency codes.

Field Name	Type/Size	Range	Comments
UKParliamentaryConstituency2005Code	Char(9)	S14000001 to S14000059	A code that identifies a 2005 UK Parliamentary Constituency.
UKParliamentaryConstituency2005Name	Char(255)		Name associated with the 2005 UK Parliamentary Constituency code.

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Table Name: Island Groups 2022 Lookup

Description: This is a look-up table for the 2022 Census Island Groups codes.

Field Name	Type/Size	Range	Comments
IslandGroup2022Code	Char(9)	S36000058 to S36000110	A code that identifies a 2022 Census Island Group.
IslandGroup2022Name	Char(255)		Name associated with a 2022 Census Island Group code.

Table Name: Scottish Parliamentary Region 2021 Lookup

Description: This is a look-up table for the 2021 Scottish Parliamentary Region codes.

Field Name	Type/Size	Range	Comments
ScottishParliamentaryRegion2021Code	Char(9)	S17000011 to S17000020	A code that identifies a 2021 Scottish Parliamentary Region.
ScottishParliamentaryRegion2021Name	Char(255)		Name associated with the 2021 Scottish Parliamentary Region code.

Table Name: Integration Authority 2019 Lookup

Description: This is a look-up table for the 2019 Integration Authority codes.

Field Name	Type/Size	Range	Comments
IntegrationAuthority2019Code	Char(9)	S37000001 to S37000035	A code that identifies a 2019 Integration Authority.
IntegrationAuthority2019Name	Char(255)		A code that identifies a 2019 Integration Authority, also known as Health and Social Care Partnership.

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Table Name: National Park 2010 Lookup

Description: This is a look-up table for the 2010 National Park codes.

Field Name	Type/Size	Range	Comments
NationalPark2010Code	Char(9)	S21000002 to S21000003	A code that identifies a 2010 National Park.
NationalPark2010Name	Char(255)		Name associated with the 2010 National Park code.

Table Name: Intermediate Zone 2011 Lookup

Description: This is a look-up table for the 2011 Intermediate Zone codes.

Field Name	Type/Size	Range	Comments
IntermediateZone2011Code	Char(9)	S02001236 to S02002514	A code that identifies a 2011 Intermediate Zone (built from 2011 Data Zones).
IntermediateZone2011Name	Char(255)		Name associated with a 2011 Intermediate Zone.

Table Name: ITL 2021 Level 2 Lookup

Description: This is a look-up table for the 2021 International Territorial Levels (ITLs) 2 codes.

Field Name	Type/Size	Range	Comments
ITL2021Level2Code	Char(5)	TLM5 to TLM9	A code that identifies a ITL 2021 Level 2 area.
ITL2021Level2Name	Char(255)		Name associated with the ITL 2021 Level 2 code.

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Table Name: ITL 2021 Level 3 Lookup

Description: This is a look-up table for the 2021 International Territorial Levels (ITLs) 3 codes.

Field Name	Type/Size	Range	Comments
ITL2021Level3Code	Char(5)	TLM50 to TLM95	A code that identifies a ITL 2021 Level 3 area.
ITL2021Level3Name	Char(255)		Name associated with the ITL 2021 Level 3 code.

Table Name: Scottish Index Of Multiple Deprivation 2020 Lookup

Description: This is a look-up table for the 2020 Scottish Index of Multiple Deprivation codes which have been linked using the 2011 Data Zone.

Field Name	Type/Size	Range	Comments
ScottishIndexOfMultipleDeprivation2020Rank	Char(4)	0001 to 6976	A code that ranks small areas called Data Zones from the most deprived (ranked 1) to the least deprived (ranked 6976). Linked using the 2011 Data Zone.
DataZone2011Code	Char(9)	S01006506 to S01013481	A code that identifies a 2011 Data Zone.