

## Variables in the TEDS postcode-linked census datasets

There are 6 datasets: each of 2 census datasets (from 2001 and 2011) were linked to 3 sets of TEDS participant postcodes (dated roughly 1998, 2008 and 2018). Every variable, unless otherwise indicated, is present in each of the 6 datasets but with variations in the variable names. The variables are named systematically with this pattern:

### **censXXthemeYYZvariable**

XX indicates the census year (01 or 11)

YY indicates the postcode year (98, 08 or 18)

Z is m (male) or f (female), counted separately (only applies to *economic activity, hours worked, occupational groups* and *NS-SEC groups*)

The “theme” refers to a set of related variables in the census data; “theme” is abbreviated to 3 letters in the variable name.

The “variable” part of the variable name may have 3 or more characters; it is an abbreviation of the variable’s specific meaning.

The census variable values are decimal, most variables being proportions with values between 0 and 1. In most cases, the variable describes the proportion of the population falling into the given category. Where indicated, the dataset variable combines several smaller subcategories in the raw census data into one larger category, for the sake of data reduction.

Census theme	2001 census code	2011 census code	Variable names (XX = census year, YY = postcode year, Z = m or f)	Variable meaning	Values	Notes
Data flag variable	-	-	censXXdataYY	Are linked data present?	1Y 0N	-
Twins with same data flag variable	-	-	censXXsamepostcode18	Are both twins linked to the same data?	1Y 0N	Applies to <b>2018 postcode data only</b>
<b>Resident population</b>	KS001	KS101EW	censXXpopYYpfemale	Proportion female	0 to 1	All residents classified as male or female
			censXXpopYYphouse	Proportion in households	0 to 1	All dwellings classified as households or communal
			censXXpopYYpstudent	Proportion with students	0 to 1	Means students “living away from home”
			censXXpopYYdensity	Population density	People per hectare	-
<b>Age structure</b>	KS002	KS102EW	censXXageYYp0_15	Proportion aged 0 to 15	0 to 1	Approximates to children
			censXXageYYp16_64	Proportion aged 16 to 64	0 to 1	Approximates to working-age adults
			censXXageYYp65plus	Proportion aged 65 or higher	0 to 1	Approximates to pension-age adults
			censXXageYYmean	Mean age	Years	-
<b>Household spaces, accommodation types</b>	KS016	KS401EW	censXXhspYYpocc	Proportion of occupied dwellings	0 to 1	All dwellings classified as occupied or unoccupied
			censXXhspYYpdeta	Proportion of detached homes	0 to 1	-
			censXXhspYYpsemi	Proportion semi-detached homes	0 to 1	-
			censXXhspYYpterr	Proportion of terraced homes	0 to 1	-
			censXXhspYYpflat	Proportion of flats	0 to 1	Includes all types of flats

Census theme	2001 census code	2011 census code	Variable names (XX = census year, YY = postcode year, Z = m or f)	Variable meaning	Values	Notes
Tenure	KS018	KS402EW	censXXtenYYpowned	Proportion owned outright	0 to 1	-
			censXXtenYYpmortg	Proportion with mortgages	0 to 1	-
			censXXtenYYprentd	Proportion privately rented	0 to 1	-
			censXXtenYYpsocial	Proportion in social housing	0 to 1	Includes council rents and housing associations
Household composition	KS020	KS105EW	censXXhhdYYponefam	Proportion with one family	0 to 1	Households with one family only
			censXXhhdYYponeper	Proportion with one person	0 to 1	Households with one person only
			censXXhhdYYpcpchld	Proportion couple + children	0 to 1	Subset of one-family households
			censXXhhdYYpcpnoch	Proportion couple no children	0 to 1	Subset of one-family households
			censXXhhdYYplonepa	Proportion lone parent	0 to 1	Subset of one-family households
			censXXhhdYYpension	Proportion pensioner households	0 to 1	Pensioner-only households
Rooms and amenities	KS019	KS403EW	censXXramYYhsm	Proportion with central heating	0 to 1	-
			censXXramYYrphm	Average household size	People per household	-
			censXXramYYpcht	Average number of rooms	Rooms per household	-
Persons per room [2001 census only]	UV058	-	cens01pprYYp0_0.5	Proportion with under 0.5 per room	0 to 1	-
			cens01pprYYp0.5_1	Proportion with 0.5-1 per room	0 to 1	-
			cens01pprYYp1plus	Proportion with over 1 per room	0 to 1	Combines 1-1.5, 1.5+ in the raw data
Household size [2011 census only]	-	QS406EW	cens11hhsYYp1	Proportion with 1 person	0 to 1	-
			cens11hhsYYp2	Proportion with 2 persons	0 to 1	-
			cens11hhsYYp3	Proportion with 3 persons	0 to 1	-
			cens11hhsYYp4	Proportion with 4 persons	0 to 1	-
			cens11hhsYYp5	Proportion with 5 persons	0 to 1	-
			cens11hhsYYp6plus	Proportion with 6+ persons	0 to 1	Combines 6, 7, 8+ in the raw data
Occupancy ratings	UV059	QS408EW	censXXoccYYpr2	Proportion with rating 2 or more	0 to 1	-
			censXXoccYYpr1	Proportion with rating 1	0 to 1	-
			censXXoccYYpr0	Proportion with rating 0	0 to 1	-
			censXXoccYYprneg	Proportion with rating -1 or less	0 to 1	Combines ratings -1, -2 in the raw data

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General Health	UV020	QS302EW	censXXgheYYpgood	Proportion rated good health	0 to 1	Combines 'good' and 'very good' in the 2001 raw data
			censXXgheYYpfair	Proportion rated fair health	0 to 1	-
			censXXgheYYpbad	Proportion rated bad health	0 to 1	Combines 'bad' and 'very bad' in the 2001 raw data
Health and provision of unpaid care  [2011 census only]	-	QS301EW, QS303EW	cens11hucYYpactlimlit	Proportion having day-to-day activities limited a little	0 to 1	-
			cens11hucYYpactlimlot	Proportion having day-to-day activities limited a lot	0 to 1	-
			cens11hucYYpcare1_19h	Proportion providing unpaid care for 1-19 hours a week	0 to 1	-
			cens11hucYYpcare20hplus	Proportion providing unpaid care for 20+ hours a week	0 to 1	Combines 20-49, 50+ in the raw data
Students and qualifications	KS013	KS501EW	censXXqlsYYpqnone	Proportion with no qualifications	0 to 1	-
			censXXqlsYYpqlev1	Proportion with level 1 quals.	0 to 1	-
			censXXqlsYYpqlev2	Proportion with level 2 quals.	0 to 1	-
			censXXqlsYYpqlev3plus	Proportion with level 3+ quals.	0 to 1	Combines levels 3, 4+ in the raw data
			censXXqlsYYpstud	Proportion of students (aged 16+)	0 to 1	Combines ages 16-17, 18-74 in raw data
Economic activity  [counted separately for males (Z=m) and females (Z=f)]	KS009b [males] and KS009c [females]	KS601EW to KS603EW [for both males and females]	censXXecaYYZpact	Proportion economically active	0 to 1	-
			censXXecaYYZpptemp	Proportion in PT employment	0 to 1	-
			censXXecaYYZpftemp	Proportion in FT employment	0 to 1	-
			censXXecaYYZpslfemp	Proportion self-employed	0 to 1	-
			censXXecaYYZpunemp	Proportion unemployed	0 to 1	-
			censXXecaYYZpret	Proportion retired (inactive)	0 to 1	-
			censXXecaYYZpstud	Proportion students (inactive)	0 to 1	-
			censXXecaYYZphome	Proportion looking after home/family (inactive)	0 to 1	-
censXXecaYYZpsick	Proportion long-term sick/disabled (inactive)	0 to 1	-			
Hours worked [separately for males (Z=m) and females (Z=f)]	KS010	KS604EW	censXXhrsYYpZ1_15	Proportion working 1-15 hours	0 to 1	-
			censXXhrsYYpZ16_30	Proportion working 16-30 hours	0 to 1	-
			censXXhrsYYpZ31plus	Proportion working 31+ hours	0 to 1	-

Census theme	2001 census code	2011 census code	Variable names (XX = census year, YY = postcode year, Z = m or f)	Variable meaning	Values	Notes
<b>Approximate social grade</b>	UV050	QS611EW	censXXsgrYYpab	Proportion at social grades AB	0 to 1	-
			censXXsgrYYpc1	Proportion at social grade C1	0 to 1	-
			censXXsgrYYpc2	Proportion at social grade C2	0 to 1	-
			censXXsgrYYpde	Proportion at social grades DE	0 to 1	Combines D, E in the 2001 raw data
<b>Occupational groups</b>  [counted separately for males and females]	KS012b [males] and KS012c [females]	KS608EW to KS610EW [for both males and females]	cens01ocgYYpZ1	Proportion in group 1	0 to 1	-
			cens01ocgYYpZ2	Proportion in group 2	0 to 1	-
			cens01ocgYYpZ34	Proportion in groups 3+4	0 to 1	Combines groups 3, 4 in the raw data
			cens01ocgYYpZ56	Proportion in groups 5+6	0 to 1	Combines groups 5, 6 in the raw data
			cens01ocgYYpZ78	Proportion in groups 7+8	0 to 1	Combines groups 7, 8 in the raw data
			cens01ocgYYpZ9	Proportion in group 9	1 to 1	-
			cens01ocgYYZmean	Mean occupational group	Occ. Group, 1-9	Derived from all 9 raw data groups
<b>NS-SEC groups</b>  [counted separately for males and females]	KS014b [males] and KS014c [females]	KS611EW to KS613EW [for both males and females]	censXXsecYYpZ1	Proportion in NS-SEC group 1	0 to 1	Combines sub-groups 1.1, 1.2 in the raw data
			censXXsecYYpZ2	Proportion in NS-SEC group 2	0 to 1	-
			censXXsecYYpZ3	Proportion in NS-SEC group 3	0 to 1	-
			censXXsecYYpZ4	Proportion in NS-SEC group 4	0 to 1	-
			censXXsecYYpZ5	Proportion in NS-SEC group 5	0 to 1	-
			censXXsecYYpZ6	Proportion in NS-SEC group 6	0 to 1	-
			censXXsecYYpZ7	Proportion in NS-SEC group 7	0 to 1	-
			censXXsecYYpZ8	Proportion in NS-SEC group 8	0 to 1	Combines 'never worked' and 'long-term unemployed' in raw data
censXXsecYYpZftst	Proportion who are F-T students	0 to 1	-			