

GeoPredictors_OA21_Postcode

A set of modelling predictor variables calculated at 2021 Output Area level and keyed by postcode.

Definitions

Values: Based on Census 2021 with Output Level data curated to reduce noise and standardised for age where necessary. Predictor values are ratios to national average. Currently based on England and Wales data, with Scotland and Northern

Use

It is recommended that predictors are used altogether, e.g. not using age and sex as attribution keys. Where less variables are desired the use of principal components is suggested.

For some uses certain predictors, e.g. ethnicity-related, may be removed to meet legal or internal requirements.

column name	type	description
pcds	varchar	Postcode PCDS: variable length (e- Gif) version
production_date	integer	Date of production, expressed as yymm, eg 2207 for July 2022
level	integer	Level the data for this postcode was modelled at: 1=household, 2 = postcode, 3 = OA, 4 = LSOA
sprage01	real	Population aged 0-15
sprage02	real	Population aged 16-24
sprage03	real	Population aged 25-29
sprage04	real	Population aged 30-34
sprage05	real	Population aged 35-39
sprage06	real	Population aged 40-44
sprage07	real	Population aged 45-49
sprage08	real	Population aged 50-54
sprage09	real	Population aged 55-59
sprage10	real	Population aged 60-64
sprage11	real	Population aged 65-69
sprage12	real	Population aged 70-74
sprage13	real	Population aged 75-79
sprage14	real	Population aged 80-84
sprage15	real	Population aged 85+
maritalmandf01	real	Marital:Single
maritalmandf02	real	Marital:Married
maritalmandf03	real	Marital:Separated
maritalmandf04	real	Marital:Divorced
maritalmandf05	real	Marital:Widowed
cobmandf01	real	COB:UK
cobmandf02	real	COB:EU2001
cobmandf03	real	COB:EUAAfter2001
cobmandf04	real	COB:EuropeNonEU
cobmandf05	real	COB:Africa
cobmandf06	real	COB:MiddleEastAndAsia
cobmandf07	real	COB:AmericasAndCaribbean
cobmandf08	real	COB:AntartciaAndOceania

column name	type	description
ethnicmandf01	real	Ethnic:Asian
ethnicmandf02	real	Ethnic:Black
ethnicmandf03	real	Ethnic:Mixed
ethnicmandf04	real	Ethnic:White
ethnicmandf05	real	Ethnic:Other
healthmandf01	real	Health:VG
healthmandf02	real	Health:G
healthmandf03	real	Health:F
healthmandf04	real	Health:B
healthmandf05	real	Health:VB
disabiymandf01	real	LimitedLot
disabiymandf02	real	LimitedLittle
disabiymandf03	real	NotLimitedWithCondition
disabiymandf04	real	NotLimitedWithNoCondition
unpaidcaremandf01	real	UnpaidCare:None
unpaidcaremandf02	real	UnpaidCare:Upto9
unpaidcaremandf03	real	UnpaidCare:10to19
unpaidcaremandf04	real	UnpaidCare:20to34
unpaidcaremandf05	real	UnpaidCare:35to49
unpaidcaremandf06	real	UnpaidCare:50plus
workdistmandf01	real	DistToWork:less than2km
workdistmandf02	real	DistToWork:2to<5km
workdistmandf03	real	DistToWork:5to<10km
workdistmandf04	real	DistToWork:10to<20km
workdistmandf05	real	DistToWork:20to<30km
workdistmandf06	real	DistToWork:30to<40km
workdistmandf07	real	DistToWork:40to<60km
workdistmandf08	real	DistToWork:60kmplus
workdistmandf09	real	DistToWork:HomeWork
workdistmandf10	real	DistToWork:OffshorePeripateticAbroad
travelmandf01	real	Travel:HomeWork
travelmandf02	real	Travel:TubeOrTram
travelmandf03	real	Travel:Train
travelmandf04	real	Travel:Bus
travelmandf05	real	Travel:Taxi
travelmandf06	real	Travel:MotorisedTwoWheeler
travelmandf07	real	Travel:CarOrVanDriver
travelmandf08	real	Travel:CarOrVanPassenger
travelmandf09	real	Travel:Bicycle
travelmandf10	real	Travel:Foot
travelmandf11	real	Travel:Other
nssecmandf01	real	NSSEC:HigherManagerial
nssecmandf02	real	NSSEC:LowerManagerial
nssecmandf03	real	NSSEC:Intermediary
nssecmandf04	real	NSSEC:SmallEmployersAndOwnAccount
nssecmandf05	real	NSSEC:LowerSupervisoryAndTechnical
nssecmandf06	real	NSSEC:SemiRoutine
nssecmandf07	real	NSSEC:Routine
nssecmandf08	real	NSSEC:NeverWorkedAndLTE
nssecmandf09	real	NSSEC:FullTimeSudent

column name	type	description
occupmandf01	real	Occup:Managers
occupmandf02	real	Occup:Professionals
occupmandf03	real	Occup:AssociateProfessionals
occupmandf04	real	Occup:AdminAndSecretarial
occupmandf05	real	Occup:Skilled
occupmandf06	real	Occup:CaringLeisureAndService
occupmandf07	real	Occup:SalesAndCustomerService
occupmandf08	real	Occup:ProcessPlantAndMachine
occupmandf09	real	Occup:ElementaryOccupations
econmandf01	real	Econ:ActiveEmployee
econmandf02	real	Econ:ActiveSelfEmployedwithEees
econmandf03	real	Econ:ActiveSelfEmployedwithoutEees
econmandf04	real	Econ:ActiveUnemployed
econmandf05	real	Econ:ActiveStudentEmployed
econmandf06	real	Econ:ActiveStudentUnemployed
econmandf07	real	Econ:InactiveRetired
econmandf08	real	Econ:InactiveStudent
econmandf09	real	Econ:InactiveHomeFamily
econmandf10	real	Econ:InactiveLongTermSick
econmandf11	real	Econ:InactiveOther
qualmandf01	real	Qual:None
qualmandf02	real	Qual:Level1
qualmandf03	real	Qual:Level2
qualmandf04	real	Qual:Apprentice
qualmandf05	real	Qual:level3
qualmandf06	real	Qual:Level4plus
qualmandf07	real	Qual:Other

Northern Ireland:

Data provided separately by Output Area (OA), not postcode. Postcode to OA matching available from ONS (NSPL or ONSPD files) subject to commercial licence from OSNI.

Source:

ONS Census 2021

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Update schedule: Postcode keys 1/4ly