

Health specific destination accessibility

Description: Health specific destination accessibility was derived as a part of the morphometric analysis of the built environment that was conducted by the Cochrane Institute of Primary Care and Public Health, Cardiff University.

Distance in meters from participant's dwelling to nearest 39 different destinations (such as GP practice, dentist, library, hospital, post office) was calculated from participant's address. Each column in the file represents one destination category. The header file defines names and labels for each column.

For more information and detailed description of the methodology and variables please refer to the 'MORPHOMETRIC ANALYSIS OF THE BUILT ENVIRONMENT IN UK BIOBANK: DATA ANALYSES AND SPECIFICATION MANUAL' in the 'Additional Resources' tab.

Description	File
Header file defining names and labels for columns in tables below	Wales_UKB_LU_ND_Header.csv UKB_London_LU_ND_Header.csv
Street network distance in metres of UK Biobank participant's residence from specific destinations.	Wales_UKB_LU_ND.csv UKB_London_LU_ND.csv

Description of variables used for calculation of destination accessibility

Column No.	Variable	Description of variable	
		Variable definition: Destination category for calculation of street network distance	Included AddressBase Premium land use classes in the destination category
1	Encoded anonymised	-	-
2	ND_CC04	Public/Village Hall/Other Community Facility	CC04, CC04YR
3	ND_CC12	Job Centre	CC12
4	ND_CE01	College	CE01, CE01FE, CE01HE
5	ND_CE02	Childrens Nursery/Creche	CE02
6	ND_CE03	Preparatory/First/Primary/Infant/Junior/Middle School	CE03, CE03FS, CE03IS, CE03JS, CE03MS, CE03NP, CE03PS
7	ND_CE04	Secondary/High School	CE04, CE04NS, CE04SS
8	ND_CE05	University	CE05
9	ND_CIO1	Factory/Manufacturing	CIO1, CIO1AW, CIO1BB, CIO1BR, CIO1BW, CIO1CD, CIO1CM, CIO1CW, CIO1DA, CIO1DY, CIO1FL, CIO1FO, CIO1GW, CIO1MG, CIO1OH, CIO1OR, CIO1PG, CIO1PM, CIO1PW, CIO1YD, CIO1SR, CIO1SW, CIO1TL, CIO1WN
10	ND_CIO2	Mineral/Ore Working/Quarry/Mine	CIO2, CIO2MA, CIO2MD, CIO2MP, CIO2OA, CIO2QA
11	ND_CIO3	Workshop/Light Industrial	CIO3, CIO3GA
12	ND_CIO4	Warehouse/Store/Storage Depot	CIO4, CIO4CS, CIO4PL, CIO4SO, CIO4TS
13	ND_OIO4	Industrial Support - Chimney/Flue	OIO4
14	ND_CL03	Library	CL03, CL03RR
15	ND_CL07	Bingo Hall/Cinema/Conference/Exhibition Centre/Theatre/Concert Hall	CL07, CL07TH, CL07CI, CL07EN, CL07EX
16	ND_CM01	Dentist	CM01
17	ND_CM02	GP Practice Surgery/Clinic	CM02, CM02HL, CM02HC
18	ND_CM03	Hospital/Hospice	CM03, CM03HI, CM03HP
19	ND_CO01	Office/Work Studio	CO01
20	ND_CO01GV	Central Government Service	CO01GV
21	ND_CO01LG	Local Government Service	CO01LG
22	ND_CR01	Bank/Financial Service	CR01
23	ND_CR02	Retail Service Agent	CR02
24	ND_CR02PO	Post Office	CR02PO
25	ND_CR06	Public House/Bar/Night Club	CR06
26	ND_CR07	Restaurant/Cafeteria	CR07
27	ND_CR10	Fast Food Outlet/Takeaway (Hot/Cold)	CR10
28	ND_Bstops	Bus Stops	Bus stops (NAPTAN data)
29	ND_CT03	Car/Coach/Commercial Vehicle/Taxi Parking/Park and Ride Site	CT03, CT03PK, CT03PP, CT03PU, CT03VP

Column No.	Variable	Description of variable	
		Variable definition: Destination category for calculation of street network distance	Included AddressBase Premium land use classes in the destination category
30	ND_CT08	Station/Interchange/Terminal/Halt	CT08, CT08BC, CT08RS, CT08VH
31	ND_CU01	Electricity Sub-station	CU01
32	ND_CU02	Landfill	CU02
33	ND_CU03	Power Station/Energy Production	CU03, CU03ED, CU03EP, CU03WF, CU03WU
34	ND_CU07	Water/Waste Water/Sewage Treatment Works	CU07, CU07WR, CU07WT
35	ND_Recycling	Recycling	CC09, CC10, CI06, CI07
36	ND_CX01	Police/Transport Police Station	CX01, CX01PT
37	ND_CX02	Fire Station	CX02, CX02FT
38	ND_CX03	Ambulance Station	CX03, CX03AA
39	ND_ZW	Places of Worship	ZW, ZW99AB, ZW99CA, ZW99CH, ZW99CP, ZW99GU, ZW99KH, ZW99MQ, ZW99MT, ZW99SU, ZW99SY, ZW99TP, ZW99LG, CC07
40	ND_LP	Parks	LP, LP01, LP02, LP03, LP03PA, LP03PD, LP04