

Cycling to Work in London Analysis

Introduction

This note outlines key findings from the 2011 Census of employed residents who cycle to work, and the change over time since the 2001 Census. Analysis has been undertaken for Royal Borough of Greenwich, drawing further comparison with the wider London context. Where two or more methods were used, the method used for the longest distance of the usual journey to work was recorded.

Key Figures

- Between the 2001 and 2011 Census, the number of people aged 16-74 cycling to work has more than doubled from 1,340 to 2,740 (104.5%). This is in-line with the London average, which has increased by 109.1%
- The largest increases in the rates of people cycling to work has taken place in Greenwich West (222%), Peninsula (213%) and Kidbrooke with Hornfair (152%)
- In 2001, 0.9% of people aged 16-74 in employment cycled to work (1,340 people), ranking the Royal Borough 24th out of 33 London Boroughs
- By 2011, this rate had increased to 1.5%, ranking the Royal Borough 22nd out of the 33 London Boroughs
- In context, the London borough with the highest rate of residents in employment aged 16-74 cycling to work in 2011 was Hackney with 9.2% (17,300 people). Conversely, the borough with the lowest rate was Harrow with 0.5% (900 people)
- The Royal Borough ranks 6th out of the 33 London Boroughs regarding the number of employed residents aged 16+ cycling 10km or more to work (35.6%). This compares to the London (20.9%) and national (16.4%) averages
- 86.5% of residents cycling to work are White, whilst 4.9% are Black, 4.5% are Asian and 3% are of Mixed ethnic origin
- Of the Royal Greenwich residents cycling to work, 2,100 were males (78.8%) accounting for four out of five cyclists. This compares to 70.6% at the London level
- 40.3% of residents cycling to work were aged 30 to 39, compared to 37.3% across London
- 60% of Royal Greenwich residents cycling to work have attained at least a level 4 qualification (i.e. University Degree). This compares to 68% across London and 40% nationally
- One-third (32.6%) of Royal Greenwich residents cycle to work in Professional occupations, and over one-fifth (21.2%) cycle to work in Associate Professional and Technical occupations. This is more reflective of the London averages with 33.5% and 22.1% respectively
- 61.4% of Royal Greenwich residents cycling to work are within the top two National Statistics Socio Economic Classification (NS-Sec) groups; 27.7% in Higher Managerial, Administrative and Professional Occupations and 33.7% in Lower Managerial, Administrative and Professional Occupations. This compares to the combined London (62.8%) and national (39.3%) figures

Appendix

Table 1: Change in the Number of People Cycling to Work between 2001 and 2011 Census

Ward	2001 Census		2011 Census		2001-11 Change	
	Number	Rate	Number	Rate	Number	Rate
Abbey Wood	62	0.7%	64	0.6%	2	3.2%
Blackheath Westcombe	137	1.5%	335	3.4%	198	144.5%
Charlton	113	1.2%	207	2.0%	94	83.2%
Coldharbour and New Eltham	51	0.6%	71	0.7%	20	39.2%
Eltham North	72	0.8%	138	1.5%	66	91.7%
Eltham South	46	0.5%	89	0.9%	43	93.5%
Eltham West	71	0.8%	68	0.9%	-3	-4.2%
Glyndon	46	0.5%	104	0.8%	58	126.1%
Greenwich West	112	1.3%	361	2.8%	249	222.3%
Kidbrooke with Hornfair	73	0.8%	184	1.7%	111	152.1%
Middle Park and Sutcliffe	95	1.0%	162	1.7%	67	70.5%
Peninsula	108	1.4%	338	3.0%	230	213.0%
Plumstead	56	0.6%	67	0.5%	11	19.6%
Shooters Hill	73	0.8%	142	1.4%	69	94.5%
Thamesmead Moorings	62	0.7%	87	0.6%	25	40.3%
Woolwich Common	99	1.0%	181	1.5%	82	82.8%
Woolwich Riverside	63	0.7%	140	1.0%	77	122.2%
Royal Greenwich	1,339	0.9%	2,738	1.5%	1,399	104.5%
London	77,330	1.5%	161,705	2.6%	84,375	109.1%

Source: ONS Census 2001 Table UV39 Method of Travel to Work - Resident Population & ONS Census 2011 Table QS701EW Method of travel to work (All usual residents aged 16 to 74)

Table 2: Rank of Change in the Number of People Cycling to Work (2001-11) by Ward

Rank	Ward	Change 2001-11	Rate
1	Greenwich West	249	222.3%
2	Peninsula	230	213.0%
3	Kidbrooke with Hornfair	111	152.1%
4	Blackheath Westcombe	198	144.5%
5	Glyndon	58	126.1%
6	Woolwich Riverside	77	122.2%
7	Shooters Hill	69	94.5%
8	Eltham South	43	93.5%
9	Eltham North	66	91.7%
10	Charlton	94	83.2%
11	Woolwich Common	82	82.8%
12	Middle Park and Sutcliffe	67	70.5%
13	Thamesmead Moorings	25	40.3%
14	Coldharbour and New Eltham	20	39.2%
15	Plumstead	11	19.6%
16	Abbey Wood	2	3.2%
17	Eltham West	-3	-4.2%
	Royal Greenwich	1,399	104.5%
	London	84,375	109.1%

Source: ONS Census 2001 Table UV39 Method of Travel to Work - Resident Population & ONS Census 2011 Table QS701EW Method of travel to work (All usual residents aged 16 to 74)

Table 3: Ethnic Profile of Residents Cycling to Work

Ages 16+ in Employment	White	Mixed	Asian	Black	Other
Royal Greenwich	86.5%	3.0%	4.5%	4.9%	1.1%
London	84.5%	3.6%	5.4%	4.5%	2.0%
England	92.5%	1.8%	3.1%	1.8%	0.8%

Source: ONS Census 2011 Table DC7201EW1a Method of Travel to Work by Ethnic Group

Table 4: Distance Travelled by Residents Cycling to Work

Ages 16+ in Employment	Less than 2km	2km to 5km	5km to 10km	10km+
Royal Greenwich	10.0%	19.8%	34.6%	35.6%
London	13.4%	31.8%	33.9%	20.9%
England	30.1%	35.3%	18.2%	16.4%

Source: ONS Census 2011 Table DC7701EW1a Method of Travel to Work by Distance Travelled to Work

Table 5: Age and Gender Profile of Employed Residents Cycling to Work (Count)

Residents Cycling to Work	Royal Greenwich Males	Royal Greenwich Females	Total
Age 16+	2,109	567	2,676
Age 16 to 19	34	3	37
Age 20 to 21	34	17	51
Age 22 to 24	82	30	112
Age 25 to 29	291	89	380
Age 30 to 34	430	104	534
Age 35 to 39	445	99	544
Age 40 to 44	294	76	370
Age 45 to 49	220	54	274
Age 50 to 54	140	43	183
Age 55 to 59	85	33	118
Age 60 to 64	43	8	51
Age 65+	11	11	22

Source: ONS 2011 Census Table DC7101EW1a Method of Travel to Work by Sex and Age

Table 6: Age and Gender Profile of Employed Residents Cycling to Work (Rate)

Residents Cycling to Work	Royal Greenwich Males	Royal Greenwich Females	Total
Age 16 to 19	1.6%	0.5%	1.4%
Age 20 to 21	1.6%	3.0%	1.9%
Age 22 to 24	3.9%	5.3%	4.2%
Age 25 to 29	13.8%	15.7%	14.2%
Age 30 to 34	20.4%	18.3%	20.0%
Age 35 to 39	21.1%	17.5%	20.3%
Age 40 to 44	13.9%	13.4%	13.8%
Age 45 to 49	10.4%	9.5%	10.2%
Age 50 to 54	6.6%	7.6%	6.8%
Age 55 to 59	4.0%	5.8%	4.4%
Age 60 to 64	2.0%	1.4%	1.9%
Age 65+	0.5%	1.9%	0.8%

Source: ONS 2011 Census Table DC7101EW1a Method of Travel to Work by Sex and Age

Table 7: Employed Residents Cycling to Work by Highest Level of Qualification

Highest Level of Qualification (Aged 16+)	Royal Greenwich	London	England
No qualifications	5.5%	4.2%	10.9%
Level 1 qualifications	7.4%	5.4%	13.6%
Level 2 qualifications	8.7%	6.3%	14.1%
Apprenticeship	1.8%	1.2%	3.6%
Level 3 qualifications	9.9%	8.2%	12.3%
Level 4 qualifications and above	59.9%	68.0%	40.1%
Other qualifications	6.7%	6.7%	5.4%

Source: ONS Census 2011 Table DC7501EW1a Method of Travel to Work by Highest Level of Qualification

Table 8: Residents Cycling to Work by Highest Level of Occupation

Occupation (Aged 16+)	Royal Greenwich	London	England
1. Managers, directors and senior officials	11.0%	11.7%	7.3%
2. Professional occupations	32.6%	33.5%	20.7%
3. Associate professional and technical occupations	21.2%	22.1%	13.9%
4. Administrative and secretarial occupations	7.3%	7.0%	6.8%
5. Skilled trades occupations	7.7%	6.5%	11.2%
6. Caring, leisure and other service occupations	4.0%	4.4%	7.0%
7. Sales and customer service occupations	3.2%	3.8%	6.4%
8. Process, plant and machine operatives	4.8%	3.2%	8.9%
9. Elementary occupations	8.2%	7.8%	17.9%

Source: ONS Census 2011 Table DC7603EW1a Method of Travel to Work by Occupation

Table 9: Residents Cycling to Work by National Statistics Socio-Economic Classification (NS-SeC)

NS-SeC Group (Aged 16+)	Royal Greenwich	London	England
1. Higher managerial, administrative and professional occupations	27.7%	26.1%	16.1%
2. Lower managerial, administrative and professional occupations	33.7%	36.7%	23.3%
3. Intermediate occupations	9.8%	9.0%	10.3%
4. Small employers and own account workers	5.4%	6.1%	3.7%
5. Lower supervisory and technical occupations	5.7%	5.5%	10.2%
6. Semi-routine occupations	7.8%	7.1%	17.0%
7. Routine occupations	7.5%	5.9%	14.6%
L15 Full-time students	2.4%	3.5%	4.9%

Source: ONS Census 2011 Table DC7604EW1a Method of Travel to Work by NS-SeC