

S3\_Table: Frequency of myopia (all, childhood-onset and adult-onset), emmetropia and hypermetropia in the UK Biobank population: distribution of socio-demographic and environmental factors.

Factor	Childhood-onset myopia		Adult-onset myopia		All myopia		Emmetropia		Hypermetropia	
	n	% (95% CI)	n	% (95% CI)	n	% (95% CI)	n	% (95% CI)	n	% (95% CI)
N = 107,442										
Population %	16,786	15.6 (15.4, 15.8)	12,066	11.2 (11.0, 11.4)	28,852	26.9 (26.6, 27.1)	48,960	45.6 (45.3, 45.9)	29,630	27.6 (27.3, 27.8)
Year of birth										
1939-44	2,529	12.6 (12.2, 13.1)	1,482	7.4 (7.0, 7.8)	4,011	20.0 (19.5, 20.6)	6,884	34.4 (33.7, 35.0)	9,147	45.6 (45.0, 46.3)
1945-49	4,219	15.6 (15.2, 16.1)	2,473	9.2 (8.8, 9.5)	6,692	24.8 (24.3, 25.3)	10,353	38.4 (37.8, 39.0)	9,918	36.8 (36.2, 37.4)
1950-54	3,378	17.8 (17.2, 18.3)	2,207	11.6 (11.2, 12.1)	5,585	29.4 (28.8, 30.0)	8,418	44.3 (43.6, 45.0)	4,995	26.3 (25.7, 26.9)
1955-59	2,722	16.9 (16.3, 17.5)	2,263	14.0 (13.5, 14.6)	4,985	30.9 (30.2, 31.6)	8,081	50.1 (49.3, 50.8)	3,073	19.0 (18.4, 19.7)
1960-64	2,182	15.6 (15.0, 16.2)	2,104	15.0 (14.4, 15.6)	4,286	30.6 (29.8, 31.4)	8,071	57.6 (56.8, 58.4)	1,653	11.8 (11.3, 12.3)
1965-70	1,756	15.6 (14.9, 16.2)	1,537	13.6 (13.0, 14.3)	3,293	29.2 (28.3, 30.0)	7,153	63.4 (62.5, 64.2)	844	7.5 (7.0, 8.0)
Sex										
Female	9,689	16.6 (16.3, 16.9)	6,048	10.3 (10.1, 10.6)	15,737	26.9 (26.6, 27.3)	25,823	44.2 (43.8, 44.6)	16,885	28.9 (28.5, 29.3)
Male	7,097	14.5 (14.2, 14.8)	6,018	12.3 (12.0, 12.6)	13,115	26.8 (26.4, 27.2)	23,137	47.2 (46.8, 47.7)	12,745	26.0 (25.6, 26.4)
Highest educational qualification¥										
None	1,009	6.4 (6.0, 6.8)	1,054	6.7 (6.3, 7.1)	2,063	13.1 (12.6, 13.6)	6,951	44.1 (43.3, 44.8)	6,762	42.9 (42.1, 43.6)
O-level	3,500	12.4 (12.0, 12.8)	3,344	11.8 (11.5, 12.2)	6,844	24.2 (23.7, 24.7)	13,849	49.0 (48.4, 49.6)	7,579	26.8 (26.3, 27.3)
A-level	2,854	14.9 (14.4, 15.4)	2,248	11.7 (11.3, 12.2)	5,102	26.6 (26.0, 27.3)	8,974	46.8 (46.1, 47.5)	5,085	26.5 (25.9, 27.2)
Higher-level	9,329	21.8 (21.4, 22.2)	5,292	12.4 (12.1, 12.7)	14,621	34.2 (33.7, 34.6)	18,446	43.1 (42.7, 43.6)	9,700	22.7 (22.3, 23.1)
Missing	94	-	128	-	222	-	740	-	504	-
Accommodation tenure										

Rent from council	782	10.7 (10.0,11.4)	642	8.8 (8.2,9.5)	1,424	19.5 (18.6,20.4)	3,720	51.0 (49.8,52.1)	2,155	29.5 (28.5,30.6)
Rent from private	571	13.1 (12.1,14.2)	455	10.5 (9.6,11.4)	1,026	23.6 (22.3,24.9)	2,328	53.5 (52.0,55.0)	997	22.9 (21.7,24.2)
Own with mortgage	5,937	15.7 (15.3,16.1)	5,044	13.3 (13.0,13.7)	10,981	29.0 (28.6,29.5)	19,441	51.4 (50.9,51.9)	7,431	19.6 (19.2,20.0)
Own outright	9,251	16.6 (16.3,16.9)	5,684	10.2 (9.9,10.4)	14,935	26.4 (26.4,27.1)	22,458	40.2 (39.8,40.6)	18,444	33.0 (32.6,33.4)
<i>Missing</i>	245	-	241	-	486	-	1,013	-	603	-
Ethnicity										
White	15,257	15.9 (15.7,16.2)	10,659	11.1 (10.9,11.3)	25,916	27.6 (26.8,27.3)	42,625	44.5 (44.2,44.8)	27,242	28.4 (28.2,28.7)
Mixed ethnicity	168	17.2 (15.0,19.8)	122	12.5 (10.6,14.8)	290	29.8 (27.0,32.7)	516	53.0 (49.8,56.1)	168	17.2 (15.0,19.8)
Asian or Asian British§	528	13.1 (12.1,14.2)	472	11.7 (10.7,12.7)	1,000	24.8 (23.5,26.2)	2,185	54.2 (52.6,55.7)	847	21.0 (18.5,21.0)
Black or Black British	396	10.5 (9.6,11.6)	479	12.8 (11.7,13.9)	875	23.3 (22.0,24.7)	2,143	57.0 (55.4,58.6)	740	19.7 (18.5,21.0)
Chinese	169	34.5 (30.3,38.8)	63	12.7 (10.1,16.1)	232	47.4 (42.9,51.8)	205	41.8 (37.5,46.3)	53	10.8 (8.3,13.9)
Other	166	10.2 (8.8,11.8)	189	11.6 (10.2,13.3)	355	21.8 (19.9,23.9)	908	55.8 (53.4,58.2)	364	22.4 (20.4,24.5)
<i>Missing</i>	102	-	82	-	184	-	378	-	216	-

¥O level: State examination at age 16 years; A level: State examination at age 18 years. § Asian category includes Indian, Pakistani and Bangladeshi.