

ONS Longitudinal Study

Sampling quality at the 1981 Census

1981 sampling fractions by sex and age

People in their early teens (aged 10 to 14) and older people (aged 70 to 74) had the lowest observed sampling fractions.

There was no significant variation in sampling fractions by sex. Overall observed sampling fractions for both males and females were 1.09 each.

There was very little variation between observed and expected sampling fractions; the largest difference (0.03) was among females aged 65 to 69.

Table S81.1 1981 LS sampling fractions by sex and age: traced LS members

Age	Males				Females				All people			
	1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)	
			Observed	Expected			Observed	Expected			Observed	Expected
0-4	16,379	1,492,426	1.10	1.09	15,438	1,417,738	1.09	1.09	31,817	2,910,164	1.09	1.09
5-9	17,919	1,647,040	1.09	1.09	17,080	1,559,549	1.10	1.09	34,999	3,206,589	1.09	1.09
10-14	21,015	1,971,754	1.07	1.09	20,127	1,874,518	1.07	1.09	41,142	3,846,272	1.07	1.09
15-19	22,136	2,053,606	1.08	1.09	21,168	1,966,388	1.08	1.09	43,304	4,019,994	1.08	1.09
20-24	19,795	1,804,691	1.10	1.08	19,408	1,759,521	1.10	1.08	39,203	3,564,212	1.10	1.08
25-29	18,152	1,647,665	1.10	1.08	17,886	1,627,096	1.10	1.08	36,038	3,274,761	1.10	1.08
30-34	19,705	1,834,564	1.07	1.08	19,804	1,821,540	1.09	1.09	39,509	3,656,104	1.08	1.08
35-39	17,062	1,554,411	1.10	1.08	16,730	1,538,026	1.09	1.09	33,792	3,092,437	1.09	1.09
40-44	15,532	1,405,282	1.11	1.09	14,889	1,387,078	1.07	1.09	30,421	2,792,360	1.09	1.09
45-49	14,905	1,351,065	1.10	1.09	14,719	1,338,070	1.10	1.09	29,624	2,689,135	1.10	1.09
50-54	15,204	1,380,575	1.10	1.09	15,145	1,404,398	1.08	1.09	30,349	2,784,973	1.09	1.09
55-59	15,058	1,403,432	1.07	1.09	16,099	1,474,043	1.09	1.09	31,157	2,877,475	1.08	1.09
60-64	13,020	1,195,789	1.09	1.09	14,577	1,337,023	1.09	1.09	27,597	2,532,812	1.09	1.09
65-69	12,074	1,099,900	1.10	1.09	14,798	1,326,339	1.12	1.09	26,872	2,426,239	1.11	1.09
70-74	9,333	870,876	1.07	1.09	12,822	1,190,859	1.08	1.09	22,155	2,061,735	1.07	1.09
75+	9,730	911,642	1.07	1.09	20,254	1,874,692	1.08	1.09	29,984	2,786,334	1.08	1.09
All people	257,019	23,624,718	1.09	1.09	270,944	24,896,878	1.09	1.09	527,963	48,521,596	1.09	1.09

Notes

¹ Source: Office for National Statistics Longitudinal Study (LS)

² LS members, usually resident in England and Wales

³ In 1981, the records of some LS members who were resident in Scotland were included in the LS. These records are not included in this table

⁴ 'Traced' means the LS members' records were found on the National Health Service Central Register before or at the 1981 Census-LS link

⁵ Census populations are taken from HMSO (1983) 'Census 1981 National Report Great Britain Part' Table 6

1981 sampling fractions by sex, age and marital status

There was less variation in sampling fractions by marital status in 1981 than in 1971. Observed values were 1.09 for married and divorced or widowed groups and 1.08 for never married

Measured across all age groups, the only differences between the sexes in sampling fractions were between divorced or widowed males (1.11) and females (1.09).

Differences in observed sampling fractions were found for different age groups, although in some cases these are based on very small numbers: for example, the sampling fraction of 1.99 for divorced or widowed 16- to 19-year-old females was based on only five LS members.

Never-married males aged 75 and over had lower (1.02) observed sampling fractions than never-married females (1.08).

Sampling fractions for divorced or widowed LS males aged 60 to 64 (1.13), 65 to 69 (1.14) and 70 to 74 (1.15) were higher than observed sampling fractions for divorced or widowed females in these age bands, at 1.09 each.

Married males had higher sampling fractions than married females in the age groups 16 to 19 (1.12 for males and 1.08 for females) and 40 to 44 (1.11 for males and 1.07 for females). Conversely, married females had higher sampling fractions than married males in the age groups 55 to 59 (1.10 for females and 1.07 for males) and 65 to 69 (1.12 for females and 1.09 for males).

Table S81.2 1981 LS sample sampling fractions by sex, age and marital status: traced LS members

Age & marital status	Males				Females				All people			
	1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)	
			Observed	Expected			Observed	Expected			Observed	Expected
Never Married												
0-15	59,773	5,525,642	1.08	1.09	56,875	5,247,636	1.08	1.08	116,648	10,773,278	1.08	1.09
16-19	17,425	1,617,004	1.08	1.08	15,982	1,482,095	1.08	1.08	33,407	3,099,099	1.08	1.08
20-24	14,628	1,350,089	1.06	1.07	10,103	945,341	1.07	1.07	24,731	2,295,430	1.08	1.07
25-29	6,045	561,691	1.08	1.06	3,289	312,682	1.05	1.06	9,334	874,373	1.07	1.06
30-34	3,217	304,542	1.06	1.06	1,701	157,891	1.08	1.06	4,918	462,433	1.06	1.06
35-39	1,864	173,658	1.07	1.06	983	92,276	1.07	1.07	2,847	265,934	1.07	1.06
40-44	1,378	130,369	1.06	1.06	797	74,654	1.07	1.07	2,175	205,023	1.06	1.07
45-49	1,304	120,912	1.08	1.06	840	76,095	1.10	1.07	2,144	197,007	1.09	1.06
50-54	1,419	129,778	1.09	1.07	982	90,421	1.09	1.06	2,401	220,199	1.09	1.07
55-59	1,368	127,546	1.07	1.07	1,103	104,554	1.05	1.07	2,471	232,100	1.06	1.07
60-64	1,080	98,163	1.10	1.07	1,138	103,966	1.09	1.08	2,218	202,129	1.10	1.07
65-69	963	87,463	1.10	1.06	1,312	121,474	1.08	1.07	2,275	208,937	1.09	1.07
70-74	721	66,994	1.08	1.05	1,428	132,801	1.08	1.08	2,149	199,795	1.08	1.07
75+	700	68,733	1.02	1.05	2,786	257,058	1.08	1.07	3,486	325,791	1.07	1.07
Total	111,885	10,362,584	1.08	1.08	99,319	9,198,944	1.08	1.08	211,204	19,561,528	1.08	1.08
Married												
16-19	246	21,929	1.12	1.08	948	87,767	1.08	1.08	1,194	109,696	1.09	1.08
20-24	5,046	443,146	1.14	1.08	8,926	781,760	1.14	1.09	13,972	1,224,906	1.14	1.09
25-29	11,493	1,030,500	1.12	1.09	13,553	1,220,771	1.11	1.09	25,046	2,251,271	1.11	1.09
30-34	15,465	1,438,710	1.07	1.09	16,723	1,531,978	1.09	1.10	32,188	2,970,688	1.08	1.09
35-39	14,253	1,295,016	1.10	1.09	14,339	1,318,860	1.09	1.09	28,592	2,613,876	1.09	1.09
40-44	13,230	1,192,174	1.11	1.09	12,707	1,186,132	1.07	1.09	25,937	2,378,306	1.09	1.09
45-49	12,719	1,150,563	1.11	1.09	12,468	1,129,956	1.10	1.09	25,187	2,280,519	1.10	1.09
50-54	12,886	1,168,617	1.10	1.09	12,354	1,145,657	1.08	1.10	25,240	2,314,274	1.09	1.09
55-59	12,709	1,183,512	1.07	1.10	12,353	1,123,748	1.10	1.10	25,062	2,307,260	1.09	1.10
60-64	10,869	1,002,765	1.08	1.10	9,891	911,428	1.09	1.10	20,760	1,914,193	1.08	1.10
65-69	9,735	892,046	1.09	1.10	8,384	750,713	1.12	1.10	18,119	1,642,759	1.10	1.10
70-74	7,017	665,544	1.05	1.10	5,540	515,504	1.07	1.10	12,557	1,181,048	1.06	1.10
75+	5,942	557,523	1.07	1.10	4,215	389,102	1.08	1.10	10,157	946,625	1.07	1.10
Total	131,610	12,042,045	1.09	1.09	132,401	12,093,376	1.09	1.09	264,011	24,135,421	1.09	1.09
Divorced or Widowed												
16-19	5	251	1.99	1.13	8	695	1.09	1.11	13	946	1.37	1.09
20-24	121	11,456	1.06	1.08	379	32,420	1.09	1.10	500	43,876	1.14	1.07
25-29	614	55,474	1.11	1.11	1,044	93,643	1.09	1.09	1,658	149,117	1.11	1.08
30-34	1,023	91,312	1.12	1.11	1,380	131,671	1.09	1.09	2,403	222,983	1.08	1.07
35-39	945	85,737	1.10	1.11	1,408	126,890	1.09	1.09	2,353	212,627	1.11	1.07
40-44	924	82,739	1.12	1.10	1,385	126,292	1.09	1.09	2,309	209,031	1.10	1.07
45-49	882	79,590	1.11	1.10	1,411	132,019	1.09	1.09	2,293	211,609	1.08	1.08
50-54	899	82,180	1.09	1.11	1,809	168,320	1.09	1.08	2,708	250,500	1.08	1.07
55-59	981	92,374	1.06	1.11	2,643	245,741	1.09	1.09	3,624	338,115	1.07	1.08
60-64	1,071	94,861	1.13	1.11	3,548	321,629	1.09	1.09	4,619	416,490	1.11	1.08
65-69	1,376	120,391	1.14	1.11	5,102	454,152	1.09	1.10	6,478	574,543	1.13	1.08
70-74	1,595	138,338	1.15	1.11	5,854	542,554	1.09	1.10	7,449	680,892	1.09	1.08
75+	3,088	285,386	1.08	1.11	13,253	1,228,532	1.09	1.10	16,341	1,513,918	1.08	1.08
Total	13,524	1,220,089	1.11	1.11	39,224	3,604,558	1.09	1.09	52,748	4,824,647	1.09	1.09

Table S81.2 1981 LS sample sampling fractions by sex, age and marital status: traced LS members

Age & marital status	Males				Females				All people			
	1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)	
			Observed	Expected			Observed	Expected			Observed	Expected
All people												
0-15	59,773	5,525,642	1.08	1.09	56,875	5,247,636	1.08	1.09	116,648	10,773,278	1.08	1.09
16-19	17,676	1,639,184	1.08	1.09	16,938	1,570,557	1.08	1.09	34,614	3,209,741	1.08	1.09
20-24	19,795	1,804,691	1.10	1.08	19,408	1,759,521	1.10	1.08	39,203	3,564,212	1.10	1.08
25-29	18,152	1,647,665	1.10	1.08	17,886	1,627,096	1.10	1.08	36,038	3,274,761	1.10	1.08
30-34	19,705	1,834,564	1.07	1.08	19,804	1,821,540	1.09	1.09	39,509	3,656,104	1.08	1.08
35-39	17,062	1,554,411	1.10	1.08	16,730	1,538,026	1.09	1.09	33,792	3,092,437	1.09	1.09
40-44	15,532	1,405,282	1.11	1.09	14,889	1,387,078	1.07	1.09	30,421	2,792,360	1.09	1.09
45-49	14,905	1,351,065	1.10	1.09	14,719	1,338,070	1.10	1.09	29,624	2,689,135	1.10	1.09
50-54	15,204	1,380,575	1.10	1.09	15,145	1,404,398	1.08	1.09	30,349	2,784,973	1.09	1.09
55-59	15,058	1,403,432	1.07	1.09	16,099	1,474,043	1.09	1.09	31,157	2,877,475	1.08	1.09
60-64	13,020	1,195,789	1.09	1.09	14,577	1,337,023	1.09	1.09	27,597	2,532,812	1.09	1.09
65-69	12,074	1,099,900	1.10	1.09	14,798	1,326,339	1.12	1.09	26,872	2,426,239	1.11	1.09
70-74	9,333	870,876	1.07	1.09	12,822	1,190,859	1.08	1.09	22,155	2,061,735	1.07	1.09
75+	9,730	911,642	1.07	1.09	20,254	1,874,692	1.08	1.09	29,984	2,786,334	1.08	1.09
Total	257,019	23,624,718	1.09	1.09	270,944	24,896,878	1.09	1.09	527,963	48,521,596	1.09	1.09

Notes

¹ Source: Office for National Statistics Longitudinal Study (LS)

² LS members, usually resident in England and Wales

³ In 1981, the records of some LS members who were resident in Scotland were included in the LS. These records are not included in this table

⁴ 'Traced' means the LS members' records were found on the National Health Service Central Register before or at the 1981 Census-LS link

⁵ Census populations are taken from HMSO (1983) 'Census 1981 National Report Great Britain Part' Table 6

⁶ Married includes (married, remarried and separated)

1981 sampling fractions by sex and socio-economic group

Sampling fractions varied by socio-economic group. The highest observed sampling fractions were for employers and managers in small establishments (1.12) and for semi-skilled manual workers (1.12), while the lowest (0.94) were for people in the armed services.

Figures for the armed services are influenced by the high not-traced rate of this group (see Table T81.4b describing 'not traced' rates by sex and socio-economic group for 1981 LS sample members who were economically active and aged 16 and over). Also, many of these calculations are based on small numbers and should be interpreted with care.

Among males, the highest observed value (1.14) was found among male personal-service workers, and the lowest (0.94) among men in the armed forces.

Among females, the highest observed sampling fractions were found among professional workers, semi-skilled manual workers, and farmers and agricultural workers (1.13). The lowest observed value (0.91) was found among females in the armed services.

Table S81.3 1981 LS sampling fractions by sex and socio-economic group: economically active traced LS members aged 16+

Socio-economic group	Males				Females				All people			
	1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)	
			Observed	Expected			Observed	Expected			Observed	Expected
Employers and Managers in large establishments	7,831	765,260	1.02	1.10	1,833	181,860	1.01	1.09	9,664	947,120	1.02	1.10
Employers and Managers in small establishments	14,386	1,275,480	1.13	1.09	4,320	401,200	1.08	1.08	18,706	1,676,680	1.12	1.09
Professional workers	8,496	773,090	1.10	1.09	1,019	90,230	1.13	1.08	9,515	863,320	1.10	1.09
Intermediate, non-manual	11,097	1,038,770	1.07	1.10	13,823	1,275,420	1.08	1.09	24,920	2,314,190	1.08	1.09
Junior non manual workers	14,801	1,350,770	1.10	1.10	36,480	3,346,950	1.09	1.09	51,281	4,697,720	1.09	1.10
Personal service workers	1,810	158,430	1.14	1.05	11,483	1,074,110	1.07	1.08	13,293	1,232,540	1.08	1.08
Foremen and supervisors - manual	5,467	504,160	1.08	1.10	617	59,730	1.03	1.09	6,084	563,890	1.08	1.10
Skilled manual workers	40,315	3,667,860	1.10	1.10	3,935	351,960	1.12	1.09	44,250	4,019,820	1.10	1.10
Semi-skilled manual workers	21,370	1,905,260	1.12	1.10	10,512	932,870	1.13	1.09	31,882	2,838,130	1.12	1.09
Unskilled and manual workers	8,864	799,510	1.11	1.09	6,324	587,620	1.08	1.09	15,188	1,387,130	1.09	1.09
Own account workers	8,483	785,400	1.08	1.09	1,845	170,680	1.08	1.08	10,328	956,080	1.08	1.09
Farmers and Agricultural workers	3,763	347,460	1.08	1.10	798	70,780	1.13	1.10	4,561	418,240	1.09	1.10
Armed forces	2,083	222,230	0.94	0.96	152	16,700	0.91	0.92	2,235	238,930	0.94	0.96
Inadequately described	5,116	485,080	1.05	1.07	3,933	365,370	1.08	1.06	9,049	850,450	1.06	1.07
All people	153,882	14,078,760	1.09	1.09	97,074	8,925,480	1.09	1.09	250,956	23,004,240	1.09	1.09

Notes

¹ Source: Office for National Statistics Longitudinal Study (LS)

² LS members, usually resident in England and Wales

³ In 1981, the records of some LS members who were resident in Scotland were included in the LS. These records are not included in this table

⁴ 'Traced' means the LS members' records were found on the National Health Service Central Register before or at the 1981 Census-LS link

⁵ Census populations are taken from HMSO (1984) 'Census 1981 Economic Activity Great Britain', Table 17. They are 10 per cent figures multiplied by 10

1981 sampling fractions by sex and social class

There was little variation in sampling fractions by social class in the 1981 Longitudinal Study (LS) sample, except for people in the armed services (0.94).

Among male members of the 1981 LS sample, as with the overall sample, the lowest sampling fraction (0.94) was among males in the armed forces. The largest difference between observed and expected sampling fractions (0.03) was found among partly skilled men, with an observed sampling fraction of 1.12 and an expected value of 1.09.

Among female members of the 1981 sample, the largest difference (0.05) was found among females in the professional class, with an observed sampling fraction of 1.13 and an expected value of 1.08.

Table S81.4 1981 LS sample sampling fractions by sex and social class: economically active traced LS members aged 16+

Social Class	Males				Females				All people			
	1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)		1981 LS Traced sample	1981 Census population	Sampling fractions (%)	
			Observed	Expected			Observed	Expected			Observed	Expected
Non-manual												
I Professional	8,522	775,500	1.10	1.09	1,022	90,730	1.13	1.08	9,544	866,230	1.10	1.09
II Intermediate	33,179	3,059,030	1.08	1.10	19,558	1,802,280	1.09	1.09	52,737	4,861,310	1.08	1.09
IIIN Skilled non-manual	17,448	1,594,930	1.09	1.10	37,635	3,468,340	1.09	1.09	55,083	5,063,270	1.09	1.10
Total non-manual	59,149	5,429,460	1.09	1.10	58,215	5,361,350	1.09	1.09	117,364	10,790,810	1.09	1.09
Manual												
IIIM Skilled manual	53,040	4,848,140	1.09	1.10	7,824	718,130	1.09	1.09	60,864	5,566,270	1.09	1.10
IV Partly skilled	25,227	2,256,040	1.12	1.09	20,602	1,874,110	1.10	1.08	45,829	4,130,150	1.11	1.09
V Unskilled	9,267	837,810	1.11	1.09	6,348	590,180	1.08	1.09	15,615	1,427,990	1.09	1.09
Total manual	87,534	7,941,990	1.10	1.10	34,774	3,182,420	1.09	1.09	122,308	11,124,410	1.10	1.09
Armed forces	2,083	222,230	0.94	0.96	152	16,700	0.91	0.92	2,235	238,930	0.94	0.96
Inadequately described	5,116	485,080	1.05	1.07	3,933	365,370	1.08	1.06	9,049	850,450	1.06	1.07
All people	153,882	14,078,760	1.09	1.09	97,074	8,925,840	1.09	1.09	250,956	23,004,600	1.09	1.09

Notes

¹ Source: Office for National Statistics Longitudinal Study (LS)

² LS members, usually resident in England and Wales

³ In 1981, the records of some LS members who were resident in Scotland were included in the LS. These records are not included in this table

⁴ 'Traced' means the LS members' records were found on the National Health Service Central Register before or at the 1981 Census-LS link

⁵ Census populations are taken from HMSO (1984) 'Census 1981 Economic Activity Great Britain', Table 17. They are 10 per cent figures multiplied by 10

1981 sampling fractions by sex and country of birth

Observed sampling fractions for Longitudinal Study (LS) members born outside of the UK were high for a number of countries of birth, despite low tracing rates for these groups compared with those born in the UK (see Table T81.6a describing 'not traced' rates by sex and country of birth for 1981 LS sample members).

As in 1971, sampling fractions were lowest for people born in the USA (0.63). This is due to the large proportion of people born in the USA who are in the armed services and the difficulties in enumerating transient groups.

The highest sampling fractions were found for those born in the 'New Commonwealth' countries of Pakistan (1.76), Bangladesh (1.69) and India (1.63). As with the 1971 sample, low tracing rates for these groups resulted in low expected sampling fractions (1.02, 1.00 and 1.03 respectively). The large difference between observed and expected sampling fractions is due to over-sampling as a result of date-of-birth preferences for those born in these countries leading to over-representation of these groups in the LS.

Finally, males born in countries of the 'New Commonwealth' had higher sampling fractions than females born in these countries (except Bangladesh and the Caribbean). For example, observed sampling fractions among males born in India and Pakistan were 1.65 and 1.88 respectively, in comparison with 1.60 for females born in these countries.

Table S81.5 1981 LS sampling fractions by sex and country of birth: traced LS members

Country of birth	Males				Females				All people			
	1981 LS		1981		1981 LS		1981		1981 LS		1981	
	Traced sample	Census population	Sampling fractions (%)		Traced sample	Census population	Sampling fractions (%)		Traced sample	Census population	Sampling fractions (%)	
		Observed	Expected			Observed	Expected			Observed	Expected	
United Kingdom	236,793	22,028,903	1.07	1.10	250,806	23,273,811	1.08	1.09	487,599	45,302,714	1.08	1.09
England & Wales	231,456	21,531,344	1.07	1.10	245,539	22,781,182	1.08	1.09	476,995	44,312,526	1.08	1.10
Scotland	4,079	381,053	1.07	1.08	3,956	371,135	1.07	1.08	8,035	752,188	1.07	1.08
Northern Ireland	1,107	103,033	1.07	1.05	1,136	106,009	1.07	1.07	2,243	209,042	1.07	1.06
Other UK	151	13,473	1.12	1.08	175	15,485	1.13	1.08	326	28,958	1.13	1.08
Outside UK	20,226	1,595,815	1.27	1.00	20,138	1,623,403	1.24	1.02	40,364	3,219,218	1.25	1.01
Irish Republic	2,977	272,867	1.09	1.04	3,430	307,517	1.12	1.05	6,407	580,384	1.10	1.04
Old Commonwealth	656	63,433	1.03	1.01	773	74,022	1.04	1.03	1,429	137,455	1.04	1.02
New Commonwealth and Pakistan	10,821	769,955	1.41	1.02	9,406	703,736	1.34	1.03	20,227	1,473,691	1.37	1.03
India	3,207	194,448	1.65	1.03	3,015	188,329	1.60	1.04	6,222	382,777	1.63	1.03
Pakistan	1,942	103,311	1.88	1.02	1,252	78,428	1.60	1.02	3,194	181,739	1.76	1.02
Bangladesh	526	32,001	1.64	1.00	285	15,870	1.80	0.99	811	47,871	1.69	1.00
Africa	1,620	137,379	1.18	1.02	1,439	122,398	1.18	1.04	3,059	259,777	1.18	1.03
Caribbean	1,567	143,709	1.09	1.02	1,667	149,923	1.11	1.04	3,234	293,632	1.10	1.03
Mediterranean	873	64,899	1.35	1.02	765	61,594	1.24	1.01	1,638	126,493	1.29	1.02
Remainder	1,086	94,208	1.15	1.00	983	87,194	1.13	1.03	2,069	181,402	1.14	1.01
Europe, excluding USSR	3,080	262,791	1.17	1.04	3,878	331,450	1.17	1.03	6,958	594,241	1.17	1.03
USA	324	56,050	0.58	0.56	339	49,802	0.68	0.71	663	105,852	0.63	0.63
Elsewhere and not stated	2,368	170,719	1.39	0.95	2,312	156,876	1.47	0.99	4,680	327,595	1.43	0.97
All people	257,019	23,624,718	1.09	1.09	270,944	24,896,878	1.09	1.09	527,963	48,521,596	1.09	1.09

Notes

¹ Source: Office for National Statistics LS 'Longitudinal Study'

² LS members, usually resident in England and Wales

³ In 1981, the records of some LS members who were resident in Scotland were included in the LS. These records are not included in this table

⁴ 'Traced' means the LS members' records were found on the National Health Service Central Register before or at the 1981 Census-LS link

⁵ Census populations are taken from HMSO (1983) 'Census 1981 Country of Birth Great Britain' Table 1

⁶ Other UK comprises Channel Isles and Isle of Man

⁷ New Commonwealth Remainder includes Sri Lanka, Far East and Remainder of the New Commonwealth

⁸ Irish Republic includes (Ireland, part not stated)

1981 sampling fractions by sex and type of establishment

Please note that calculations for many of the communal establishment categories are based on small numbers of Longitudinal Study (LS) members and should be interpreted with care.

Sampling fractions were low for people enumerated in communal establishments. They were highest for LS members in homes for older people (1.03) and lowest for people in defence establishments (0.83).

Among males living in communal establishments, sampling fractions were low, with the exception of males living in homes for older people (observed value of 1.12).

Females living in non-private households also had low observed values overall. The highest sampling fraction was for females living in homes for older people (0.99) and the lowest for females in places of detention (0.81).

Table S81.6 1981 LS sampling fractions by sex and type of establishment: traced LS members

Establishment type	Males				Females				All people			
	1981 LS	1981	Sampling fractions (%)		1981 LS	1981	Sampling fractions (%)		1981 LS	1981	Sampling fractions (%)	
	Traced	Census	Observed	Expected	Traced	Census	Observed	Expected	Traced	Census	Observed	Expected
Private households	248,973	23,271,797	1.07	1.07	263,822	24,675,960	1.07	1.07	512,795	47,947,757	1.07	1.07
Communal establishments	5,615	601,565	0.93	1.01	5,707	605,365	0.94	1.03	11,322	1,206,930	0.94	1.02
Hotels	979	120,455	0.81	1.03	779	89,091	0.87	1.03	1,758	209,546	0.84	1.03
Psychiatric hospitals	659	66,471	0.99	1.00	708	74,412	0.95	1.00	1,367	140,883	0.97	1.00
Other hospitals	868	87,632	0.99	1.03	1,795	185,376	0.97	1.05	2,663	273,008	0.98	1.04
Homes for the elderly	614	54,647	1.12	1.04	1,495	150,715	0.99	1.05	2,109	205,362	1.03	1.04
Childrens homes	131	15,106	0.87	1.05	122	12,728	0.96	1.05	253	27,834	0.91	1.05
Educational establishments	529	56,185	0.94	1.04	280	33,844	0.83	1.04	809	90,029	0.90	1.04
Places of detention	428	41,859	1.02	1.02	13	1,612	0.81	1.00	441	43,471	1.01	1.01
Defence establishments	713	87,027	0.82	0.95	93	9,622	0.97	1.03	806	96,649	0.83	0.96
Other Establishments	694	72,183	0.96	0.99	422	47,965	0.88	0.99	1,116	120,148	0.93	0.99
All people	254,588	23,873,362	1.07	1.07	269,529	25,281,325	1.07	1.07	524,117	49,154,687	1.07	1.07

Notes

¹ Source: Office for National Statistics Longitudinal Study (LS)

² LS members, usually resident in England and Wales

³ In 1981, the records of some LS members who were resident in Scotland were included in the LS. These records are not included in this table

⁴ 'Traced' means the LS members' records were found on the National Health Service Central Register before or at the 1981 Census-LS link

⁵ Census populations are taken from HMSO (1983) 'Census 1981 Communal Establishments Great Britain', Table 1 and Table 3