

ONS Longitudinal Study

Sampling quality at the 1971 Census

1971 sampling fractions by sex and age

Young people in their early 20s had the lowest sampling fraction (1.02). This was due to the high 'not-traced' rates for young people (see Table T71.1 describing 'not traced' rates by sex and age for 1971 LS sample members).

Overall, males had slightly higher sampling fractions than females, with a total observed sampling fraction of 1.06 for males compared with 1.05 for females.

Among 25- to 44-year-olds, females had lower sampling fractions than males. It is possible that the lower values among females in this age group were due to some women not providing GPs with the change in their name when they married. This is supported by lower sampling fractions for married women at ages 25 to 44 when compared with married women in other age groups (see Table S71.2).

The largest difference between observed and expected sampling fractions (0.04) was found among females aged 55 to 59 and 75 and over.

Table S71.1 1971 LS sampling fractions by sex and age: traced LS members

Age	Males				Females				All people			
	1971 LS traced population	1971 Census population	Sampling fractions %		1971 LS traced population	1971 Census population	Sampling fractions %		1971 LS traced population	1971 Census population	Sampling fractions %	
			Observed	Expected			Observed	Expected			Observed	Expected
0-4	20,943	2,002,845	1.05	1.07	20,145	1,901,890	1.06	1.06	41,088	3,904,735	1.05	1.07
5-9	21,868	2,074,250	1.05	1.06	20,770	1,969,805	1.05	1.06	42,638	4,044,055	1.05	1.06
10-14	19,826	1,865,280	1.06	1.06	18,713	1,761,725	1.06	1.06	38,539	3,627,005	1.06	1.06
15-19	17,910	1,696,110	1.06	1.05	16,873	1,617,515	1.04	1.05	34,783	3,313,625	1.05	1.05
20-24	19,139	1,876,075	1.02	1.04	19,009	1,855,075	1.02	1.02	38,148	3,731,150	1.02	1.03
25-29	16,953	1,612,130	1.05	1.05	16,145	1,579,180	1.02	1.02	33,098	3,191,310	1.04	1.04
30-34	15,645	1,460,280	1.07	1.05	14,505	1,411,020	1.03	1.02	30,150	2,871,300	1.05	1.04
35-39	15,116	1,409,830	1.07	1.05	14,398	1,376,415	1.05	1.03	29,514	2,786,245	1.06	1.04
40-44	15,712	1,466,780	1.07	1.05	15,198	1,468,345	1.04	1.03	30,910	2,935,125	1.05	1.04
45-49	16,378	1,551,800	1.06	1.06	16,793	1,583,660	1.06	1.04	33,171	3,135,460	1.06	1.05
50-54	15,010	1,411,950	1.06	1.06	15,753	1,485,405	1.06	1.05	30,763	2,897,355	1.06	1.06
55-59	15,676	1,433,690	1.09	1.06	16,798	1,541,950	1.09	1.05	32,474	2,975,640	1.09	1.06
60-64	14,084	1,330,190	1.06	1.07	15,684	1,510,720	1.04	1.05	29,768	2,840,910	1.05	1.06
65-69	11,271	1,063,320	1.06	1.07	14,245	1,336,445	1.07	1.06	25,516	2,399,765	1.06	1.06
70-74	7,224	691,950	1.04	1.07	11,316	1,086,145	1.04	1.05	18,540	1,778,095	1.04	1.06
75+	7,751	736,500	1.05	1.07	16,122	1,581,300	1.02	1.06	23,873	2,317,800	1.03	1.06
All people	250,506	23,682,980	1.06	1.06	262,467	25,066,595	1.05	1.05	512,973	48,749,575	1.05	1.05

Notes¹ Source: Office for National Statistics Longitudinal Study (LS)² LS members, usually resident in England and Wales³ 'Traced' means the LS members' records were found on the National Health Service Central Register by 1976, as part of the initial LS sample⁴ Census populations are taken from HMSO (1974) 'Census 1971 Great Britain. Age, Marital Condition and General Tables', Table 9

1971 sampling fractions by sex, age and marital status

Observed sampling fractions varied by marital status and were at their lowest for divorced Longitudinal Study (LS) members (1.02). Never-married and widowed LS members had observed sampling fractions of 1.04. Sampling fractions were highest for married LS members (1.06).

There were relatively small differences between the sexes in the observed sampling fractions for different marital statuses. The biggest difference was between divorced men and women, at 1.04 and 1.01 respectively.

There were substantial differences in the observed sampling fractions for different age groups, but in many cases the calculation was based on small numbers (for example, the observed sampling fraction of 1.17 for divorced males aged 20 to 24 was based on just 34 LS members).

Observed sampling fractions were low, at around 1.00, for never-married LS members of both sexes in their 20s.

Among married LS members, sampling fractions were highest for 16- to 19-year-olds (1.15 males and 1.08 for females) and 55- to 59-year-olds (1.10 and 1.09).

Sampling fractions were particularly low for male divorcees aged 60 and over, at around 0.9, but there was no corresponding pattern for female divorcees.

Differences between observed and expected sampling fractions were typically higher where the calculations were based on small numbers so should be interpreted with care. The most consistent pattern was among male divorcees aged 60 and over, for whom observed values were lower than expected.

Table S71.2 1971 LS sampling fractions by sex, age and marital status: traced LS members

Age & marital status	Males				Females				All people			
	1971 LS		Sampling fractions %		1971 LS		Sampling fractions %		1971 LS		Sampling fractions %	
	traced sample	1971 Census population	Observed	Expected	traced sample	1971 Census population	Observed	Expected	traced sample	1971 Census population	Observed	Expected
Never Married												
0-15	66,285	6,287,880	1.05	1.05	63,064	5,958,250	1.06	1.05	129,349	12,246,130	1.06	1.05
16-19	13,865	1,315,950	1.05	1.04	11,921	1,152,045	1.03	1.04	25,786	2,467,995	1.04	1.04
20-24	11,842	1,186,035	1.00	1.03	7,397	737,155	1.00	1.02	19,239	1,923,190	1.00	1.02
25-29	4,157	414,920	1.00	1.00	2,125	209,710	1.01	1.00	6,282	624,630	1.01	1.00
30-34	2,056	201,990	1.02	1.00	1,092	110,700	0.99	0.99	3,148	312,690	1.01	1.00
35-39	1,590	156,285	1.02	1.01	991	97,035	1.02	1.02	2,581	253,320	1.02	1.01
40-44	1,620	158,405	1.02	1.02	1,082	108,925	0.99	1.02	2,702	267,330	1.01	1.02
45-49	1,580	154,445	1.02	1.02	1,269	123,890	1.02	1.02	2,849	278,335	1.02	1.02
50-54	1,302	123,450	1.05	1.03	1,300	123,810	1.05	1.03	2,602	247,260	1.05	1.03
55-59	1,252	118,035	1.06	1.01	1,590	147,690	1.08	1.04	2,842	265,725	1.07	1.03
60-64	1,098	104,620	1.05	1.03	1,786	173,360	1.03	1.04	2,884	277,980	1.04	1.04
65-69	867	82,040	1.06	1.04	1,852	177,025	1.05	1.04	2,719	259,065	1.05	1.04
70-74	488	48,235	1.01	1.03	1,554	150,750	1.03	1.05	2,042	198,985	1.03	1.05
75+	506	46,550	1.09	1.04	2,430	242,790	1.00	1.05	2,936	289,340	1.01	1.05
Total	108,508	10,398,845	1.04	1.04	99,453	9,513,135	1.05	1.05	207,961	19,911,980	1.04	1.04
Married												
16-19	397	34,595	1.15	1.04	1,516	140,450	1.08	1.01	1,913	175,045	1.09	1.02
20-24	7,258	686,700	1.06	1.06	11,531	1,107,195	1.04	1.03	18,789	1,793,895	1.05	1.05
25-29	12,628	1,180,630	1.07	1.06	13,718	1,337,615	1.03	1.04	26,346	2,518,245	1.05	1.05
30-34	13,323	1,233,795	1.08	1.06	12,987	1,259,105	1.03	1.04	26,310	2,492,900	1.06	1.05
35-39	13,257	1,226,020	1.08	1.06	12,919	1,231,590	1.05	1.04	26,176	2,457,610	1.07	1.05
40-44	13,740	1,275,865	1.08	1.06	13,381	1,293,190	1.03	1.05	27,121	2,569,055	1.06	1.05
45-49	14,332	1,354,590	1.06	1.07	14,469	1,355,085	1.07	1.06	28,801	2,709,675	1.06	1.06
50-54	13,152	1,238,835	1.06	1.07	12,907	1,210,270	1.07	1.07	26,059	2,449,105	1.06	1.07
55-59	13,679	1,247,795	1.10	1.08	12,539	1,151,315	1.09	1.07	26,218	2,399,110	1.09	1.07
60-64	12,029	1,134,905	1.06	1.08	10,232	982,100	1.04	1.07	22,261	2,117,005	1.05	1.07
65-69	9,258	868,260	1.07	1.08	7,512	702,620	1.07	1.07	16,770	1,570,880	1.07	1.08
70-74	5,444	522,605	1.04	1.08	4,497	419,005	1.07	1.07	9,941	941,610	1.06	1.07
75+	4,485	428,260	1.05	1.08	3,061	298,045	1.03	1.07	7,546	726,305	1.04	1.08
Total	132,982	12,432,855	1.07	1.07	131,269	12,487,585	1.05	1.05	264,251	24,920,440	1.06	1.06
Divorced												
16-19	0	35	0.00	0.00	0	75	0.00	0.00	0	110	0.00	0.00
20-24	34	2,910	1.17	1.09	65	9,155	0.71	0.88	99	12,065	0.82	0.94
25-29	156	15,370	1.01	1.05	265	27,865	0.95	0.97	421	43,235	0.97	1.00
30-34	246	22,270	1.10	1.02	329	33,550	0.98	0.98	575	55,820	1.03	1.00
35-39	240	23,425	1.02	1.03	340	32,510	1.05	1.00	580	55,935	1.04	1.01
40-44	250	23,875	1.05	1.05	354	33,385	1.06	1.01	604	57,260	1.05	1.02
45-49	272	24,685	1.10	1.04	351	36,375	0.96	1.02	623	61,060	1.02	1.03
50-54	238	21,610	1.10	1.05	359	32,830	1.09	1.01	597	54,440	1.10	1.03
55-59	216	19,690	1.10	1.05	332	30,325	1.09	1.02	548	50,015	1.10	1.03
60-64	132	15,340	0.86	1.07	228	25,065	0.91	1.03	360	40,405	0.89	1.04
65-69	83	9,415	0.88	1.06	161	16,605	0.97	1.05	244	26,020	0.94	1.06
70-74	42	4,225	0.99	1.04	98	8,995	1.09	1.04	140	13,220	1.06	1.04
75+	22	2,490	0.88	1.00	64	6,160	1.04	1.02	86	8,650	0.99	1.01
Total	1,931	185,340	1.04	1.04	2,946	292,895	1.01	1.01	4,877	478,235	1.02	1.02

Table S71.2 1971 LS sampling fractions by sex, age and marital status: traced LS members

Age & marital status	Males				Females				All people				
	1971 LS traced sample		1971 Census population		1971 LS traced sample		1971 Census population		1971 LS traced sample		1971 Census population		
	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	Observed	Expected	
Widowed													
16-19	0	25	0.00	0.00	0	110	0.00	0.00	0	135	0.00	0.00	
20-24	5	435	1.15	1.09	16	1,570	1.02	0.95	21	2,005	1.05	0.98	
25-29	12	1,210	0.99	1.01	37	3,990	0.93	1.04	49	5,200	0.94	1.03	
30-34	20	2,225	0.90	1.09	97	7,670	1.26	0.99	117	9,895	1.18	1.01	
35-39	29	4,100	0.71	0.96	148	15,280	0.97	1.00	177	19,380	0.91	0.99	
40-44	102	8,630	1.18	1.06	381	32,845	1.16	1.00	483	41,475	1.16	1.01	
45-49	194	18,080	1.07	1.04	704	68,310	1.03	1.03	898	86,390	1.04	1.03	
50-54	318	28,060	1.13	1.07	1,187	118,490	1.00	1.03	1,505	146,550	1.03	1.04	
55-59	529	48,175	1.10	1.06	2,337	212,625	1.10	1.03	2,866	260,800	1.10	1.04	
60-64	825	75,320	1.10	1.05	3,438	330,195	1.04	1.03	4,263	405,515	1.05	1.04	
65-69	1,063	103,605	1.03	1.06	4,720	440,195	1.07	1.04	5,783	543,800	1.06	1.05	
70-74	1,250	116,885	1.07	1.06	5,167	507,395	1.02	1.03	6,417	624,280	1.03	1.04	
75+	2,738	259,190	1.06	1.07	10,567	1,034,305	1.02	1.05	13,305	1,293,495	1.03	1.05	
Total	7,085	665,940	1.06	1.06	28,799	2,772,980	1.04	1.04	35,884	3,438,920	1.04	1.04	
All people													
0-15	66,285	6,287,880	1.05	1.06	63,064	5,958,250	1.06	1.07	129,349	12,246,130	1.06	1.06	
16-19	14,262	1,350,605	1.06	1.05	13,437	1,292,680	1.04	1.05	27,699	2,643,285	1.05	1.05	
20-24	19,139	1,876,080	1.02	1.04	19,009	1,855,075	1.02	1.03	38,148	3,731,155	1.02	1.03	
25-29	16,953	1,612,130	1.05	1.05	16,145	1,579,180	1.02	1.03	33,098	3,191,310	1.04	1.04	
30-34	15,645	1,460,280	1.07	1.05	14,505	1,411,025	1.03	1.03	30,150	2,871,305	1.05	1.04	
35-39	15,116	1,409,830	1.07	1.05	14,398	1,376,415	1.05	1.03	29,514	2,786,245	1.06	1.04	
40-44	15,712	1,466,775	1.07	1.05	15,198	1,468,345	1.04	1.04	30,910	2,935,120	1.05	1.05	
45-49	16,378	1,551,800	1.06	1.06	16,793	1,583,660	1.06	1.05	33,171	3,135,460	1.06	1.05	
50-54	15,010	1,411,955	1.06	1.06	15,753	1,485,400	1.06	1.06	30,763	2,897,355	1.06	1.06	
55-59	15,676	1,433,695	1.09	1.06	16,798	1,541,955	1.09	1.06	32,474	2,975,650	1.09	1.06	
60-64	14,084	1,330,185	1.06	1.07	15,684	1,510,720	1.04	1.06	29,768	2,840,905	1.05	1.06	
65-69	11,271	1,063,320	1.06	1.07	14,245	1,336,445	1.07	1.06	25,516	2,399,765	1.06	1.06	
70-74	7,224	691,950	1.04	1.07	11,316	1,086,145	1.04	1.06	18,540	1,778,095	1.04	1.06	
75+	7,751	736,490	1.05	1.07	16,122	1,581,300	1.02	1.06	23,873	2,317,790	1.03	1.07	
Total	250,506	23,682,980	1.06	1.06	262,467	25,066,595	1.05	1.05	512,973	48,749,575	1.05	1.05	

Notes

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

² LS members, usually resident in England and Wales

³ 'Traced' means the LS members' records were found on the National Health Service Central Register by 1976, as part of the initial LS sample

⁴ Census populations are taken from HMSO (1974) 'Census 1971 Great Britain. Age, Marital Condition and General Tables', Table 9

1971 sampling fractions by sex and socio-economic group

There were variations in sampling fractions for different socio-economic groups in 1971. The highest observed sampling fraction (1.13) was found among self-employed professional workers and the lowest (0.85) among people in the armed services. However, care should be applied when interpreting these figures because of the small number of Longitudinal Study members involved.

Among males, the highest observed sampling fraction (1.13) was for self-employed professional workers, and the lowest (0.85) for men in the armed forces.

Among females, the highest observed sampling fraction (1.18) was for women farmers (employers and managers), and the lowest (0.90) for women in the armed services.

Again figures in the armed services are influenced by the high not-traced rates for these groups (see Table T71.4b describing 'not traced' rates by sex and socio-economic group for economically active 1971 LS sample members aged 15 and over).

Table S71.3 1971 LS sampling fractions by sex and socio-economic group: economically active traced LS members aged 15+

Socio-economic group	Males				Females				All people			
	1971 LS traced sample	1971 Census population	Sampling fractions %		1971 LS traced sample	1971 Census population	Sampling fractions %		1971 LS traced sample	1971 Census population	Sampling fractions %	
			Observed	Expected			Observed	Expected			Observed	Expected
Employers and Managers in large establishments	5,954	545,060	1.09	1.08	951	92,560	1.03	1.05	6,905	637,620	1.08	1.08
Employers and Managers in small establishments	12,151	1,142,130	1.06	1.07	3,066	289,960	1.06	1.04	15,217	1,432,090	1.06	1.06
Professional workers - self employed	1,431	126,460	1.13	1.08	112	10,280	1.09	1.05	1,543	136,740	1.13	1.07
Professional workers - employees	6,523	605,620	1.08	1.07	711	70,080	1.01	1.04	7,234	675,700	1.07	1.07
Intermediate, non-manual	8,450	813,280	1.04	1.07	9,425	905,870	1.04	1.05	17,875	1,719,150	1.04	1.06
Junior non manual workers	18,503	1,734,690	1.07	1.08	32,602	3,096,530	1.05	1.06	51,105	4,831,220	1.06	1.07
Personal service workers	1,562	143,820	1.09	0.98	10,898	1,033,330	1.05	1.04	12,460	1,177,150	1.06	1.04
Foremen and supervisors - manual	5,529	512,390	1.08	1.08	499	49,880	1.00	1.05	6,028	562,270	1.07	1.08
Skilled manual workers	46,119	4,294,170	1.07	1.10	5,249	497,300	1.06	1.10	51,368	4,791,470	1.07	1.10
Semi-skilled manual workers	20,100	1,843,440	1.09	1.06	10,945	1,031,320	1.06	1.04	31,045	2,874,760	1.08	1.06
Unskilled and manual workers	11,421	1,074,110	1.06	1.05	6,338	589,450	1.08	1.05	17,759	1,663,560	1.07	1.05
Own account workers	7,189	674,110	1.07	1.07	1,743	166,550	1.05	1.05	8,932	840,660	1.06	1.06
Farmers - employers and managers	1,178	106,480	1.11	1.08	154	13,020	1.18	1.04	1,332	119,500	1.11	1.07
Farmers - own account	1,220	116,600	1.05	1.09	208	18,690	1.11	1.06	1,428	135,290	1.06	1.08
Agricultural workers	2,198	203,590	1.08	1.07	556	52,740	1.05	1.05	2,754	256,330	1.07	1.07
Armed forces	1,868	220,300	0.85	0.96	102	11,310	0.90	0.97	1,970	231,610	0.85	0.96
Inadequately described	2,475	251,710	0.98	1.03	3,299	339,910	0.97	1.03	5,774	591,620	0.98	1.03
All people	153,871	14,407,960	1.07	1.07	86,858	8,268,780	1.05	1.05	240,729	22,676,740	1.06	1.06

Notes

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

² LS members, usually resident in England and Wales

³ 'Traced' means the LS members' records were found on the National Health Service Central Register by 1976, as part of the initial LS sample

⁴ Census populations are taken from HMSO (1975) 'Census 1971 Great Britain. Economic Activity Part IV', Table 29. They are 10 per cent figures multiplied by 10

1971 sampling fractions by sex and social class

In 1971, people in different social classes had similar sampling fractions and there was little variation by sex. However, residual categories had lower sampling fractions: for example, people whose occupation was inadequately described (0.98) and people in the armed services (0.85). These groups also had high not-traced rates: 13.0 and 6.7 per cent respectively (see Table T71.5b describing 'not traced' rates by sex and social class for 1971 LS sample members who were economically active and aged 15 and over).

Table S71.4 1971 LS sampling fractions by sex and social class: economically active traced LS members, aged 15+

Social Class	Males				Females				All people			
	1971 LS		1971		1971 LS		1971		1971 LS		1971	
	traced sample	Census population	Sampling fractions %		traced sample	Census population	Sampling fractions %		traced sample	Census population	Sampling fractions %	
		Observed	Expected			Observed	Expected			Observed	Expected	
Non-manual												
I Professional	7,954	732,080	1.09	1.07	823	80,360	1.02	1.04	8,777	812,440	1.08	1.07
II Intermediate	26,695	2,518,220	1.06	1.07	13,653	1,313,780	1.04	1.05	40,348	3,832,000	1.05	1.06
IIIN Skilled non-manual	17,956	1,682,090	1.07	1.08	32,369	3,077,580	1.05	1.06	50,325	4,759,670	1.06	1.06
Total non-manual	52,605	4,932,390	1.07	1.07	46,845	4,471,720	1.05	1.05	99,450	9,404,110	1.06	1.06
Manual												
IIIM Skilled manual	58,235	5,416,530	1.08	1.07	8,274	790,420	1.05	1.05	66,509	6,206,950	1.07	1.07
IV Partly skilled	26,747	2,465,160	1.09	1.06	21,990	2,064,440	1.07	1.05	48,737	4,529,600	1.08	1.05
V Unskilled	11,941	1,121,870	1.06	1.05	6,348	590,980	1.07	1.05	18,289	1,712,850	1.07	1.05
Total manual	96,923	9,003,560	1.08	1.07	36,612	3,445,840	1.06	1.05	133,535	12,449,400	1.07	1.06
Armed forces	1,868	220,300	0.85	0.96	102	11,310	0.90	0.97	1,970	231,610	0.85	0.96
Inadequately described	2,475	251,710	0.98	1.03	3,299	339,910	0.97	1.03	5,774	591,620	0.98	1.03
All people	153,871	14,407,960	1.07	1.07	86,858	8,268,780	1.05	1.05	240,729	22,676,740	1.06	1.06

Notes

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

² LS members, usually resident in England and Wales

³ 'Traced' means the LS members' records were found on the National Health Service Central Register by 1976, as part of the initial LS sample

⁴ Census populations are taken from HMSO (1975) 'Census 1971 Great Britain. Economic Activity Part IV', Table 29. They are 10 per cent figures multiplied by 10

1971 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 T71.6b describing 'not traced' rates by sex, age and country of birth for 1971 LS sample members).

Sampling fractions were lowest for those born in the USA (0.64), which may be attributable to the large proportion of USA-born people in England and Wales who are armed forces personnel and the associated difficulties in enumerating transient groups.

Sampling fractions were highest for those born in 'New Commonwealth' countries of Pakistan (1.42), India (1.34) and the 'Mediterranean' (1.23). Low tracing rates for these groups generate low expected sampling fractions (0.81, 0.91 and 0.89, respectively). The large difference between observed and expected values is the result of date-of-birth preferences among those born in these countries, leading to over-representation in the LS.

Within the 'New Commonwealth' countries of birth with high sampling fractions, values for males were higher than for females. For example, observed sampling fractions for those born in Pakistan were 1.50 for males and 1.20 for females. Corresponding figures for India were 1.40 and 1.27, and for the 'Mediterranean', 1.27 and 1.18.

Table S71.5 1971 LS sampling fractions by sex and country of birth: traced LS members

Country of Birth	Males				Females				All people			
	1971 LS traced sample	1971 Census population	Sampling fractions %		1971 LS traced sample	1971 Census population	Sampling fractions %		1971 LS traced sample	1971 Census population	Sampling fractions %	
			Observed	Expected			Observed	Expected			Observed	Expected
United Kingdom	233,512	22,083,995	1.06	1.07	246,285	23,501,200	1.05	1.05	479,797	45,585,195	1.05	1.06
Outside UK	16,994	1,598,985	1.06	0.93	16,182	1,565,395	1.03	0.94	33,176	3,164,380	1.05	0.93
Irish Republic	3,407	323,555	1.05	0.96	3,803	352,315	1.08	0.96	7,210	675,870	1.07	0.96
Old Commonwealth	583	59,525	0.98	0.98	684	69,350	0.99	0.97	1,267	128,875	0.98	0.97
New Commonwealth	7,626	616,660	1.24	0.90	5,631	504,780	1.12	0.90	13,257	1,121,440	1.18	0.90
Africa	926	86,975	1.06	0.93	754	71,280	1.06	0.94	1,680	158,255	1.06	0.93
Caribbean	1,576	151,495	1.04	0.94	1,497	150,990	0.99	0.91	3,073	302,485	1.02	0.92
India	2,373	169,330	1.40	0.92	1,818	143,515	1.27	0.90	4,191	312,845	1.34	0.91
Pakistan	1,475	98,520	1.50	0.82	453	37,630	1.20	0.79	1,928	136,150	1.42	0.81
Mediterranean	764	60,040	1.27	0.91	648	55,045	1.18	0.87	1,412	115,085	1.23	0.89
Remainder	512	50,300	1.02	0.93	461	46,325	1.00	0.95	973	96,625	1.01	0.94
Europe, excluding USSR	3,146	271,955	1.16	0.99	3,802	331,470	1.15	0.96	6,948	603,425	1.15	0.97
USA	320	53,970	0.59	0.88	318	46,490	0.68	0.89	638	100,460	0.64	0.88
Elsewhere and not stated	1,912	219,735	0.87	0.93	1,944	217,085	0.90	0.95	3,856	436,820	0.88	0.94
All people	250,506	23,682,980	1.06	1.06	262,467	25,066,595	1.05	1.04	512,973	48,749,575	1.05	1.05

Notes

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

² LS members, usually resident in England and Wales

³ 'Traced' means the LS members' records were found on the National Health Service Central Register by 1976, as part of the initial LS sample

⁴ Census populations are taken from HMSO (1974) 'Census 1971 Great Britain. Country of birth Tables', Table 3

⁵ Irish Republic includes Ireland (part not stated)

⁶ 'Mediterranean' is Cyprus, Gibraltar, Malta & Gozo

⁷ New Commonwealth, Remainder is Ceylon, Malaysia/Singapore/Other Asia/Oceania, Hong Kong

⁸ Elsewhere and not stated is the Rest of World, Asia not shown elsewhere, not stated, Latin America, South Africa, Israel & Palestine, Turkey, Iran, Burma, China, USSR

1971 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 people in the Longitudinal Study (LS) and should be interpreted with care.

People enumerated in communal establishments in the 1971 LS sample had low sampling fractions overall, at 0.88. The exceptions were people living in homes for older people; this group had a sampling fraction of 1.04.

Among males, sampling fractions for people living in communal establishments were low, with the exception of men enumerated in homes for older people, who had an observed value of 1.10.

Among females, sampling fractions for people living in communal establishments were also low. The highest sampling fraction was for females living in children's homes (1.03) and the lowest for people in places of detention (0.71).

Table S71.6 1971 LS sampling fractions by sex and type of establishment: traced LS members

Type of establishment	Males				Females				All people			
	1971 LS		1971		1971 LS		1971		1971 LS		1971	
	traced sample	Census population	Observed	Expected	traced sample	Census population	Observed	Expected	traced sample	Census population	Observed	Expected
Private households	244,049	22,927,425	1.06	1.03	256,285	24,368,755	1.05	1.02	500,334	47,296,180	1.06	1.03
Communal establishments	6,457	749,465	0.86	0.95	6,182	692,650	0.89	0.97	12,639	1,442,115	0.88	0.96
Hotels	1,135	149,805	0.76	0.91	910	116,740	0.78	0.95	2,045	266,545	0.77	0.93
Psychiatric hospitals	730	85,530	0.85	0.93	768	95,510	0.80	0.93	1,498	181,040	0.83	0.93
Other hospitals	914	101,935	0.90	0.96	1,884	207,900	0.91	0.98	2,798	309,835	0.90	0.97
Homes for the elderly	517	47,030	1.10	1.02	1,185	116,425	1.02	1.03	1,702	163,455	1.04	1.02
Childrens homes	182	21,195	0.86	0.97	216	21,005	1.03	0.99	398	42,200	0.94	0.98
Educational establishments	1,161	134,780	0.86	1.00	746	83,790	0.89	1.00	1,907	218,570	0.87	1.00
Places of detention	448	45,795	0.98	0.95	18	2,530	0.71	0.87	466	48,325	0.96	0.94
Defence establishments	676	80,975	0.83	0.92	93	10,280	0.90	0.93	769	91,255	0.84	0.92
Other Establishments	694	82,425	0.84	0.94	362	38,465	0.94	0.93	1,056	120,890	0.87	0.93
All people	250,506	24,426,360	1.03	1.03	262,467	25,754,050	1.02	1.02	512,973	50,180,410	1.02	1.02

Notes

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

² LS members, usually resident in England and Wales

³ 'Traced' means the LS members' records were found on the National Health Service Central Register by 1976, as part of the initial LS sample

⁴ Census populations are taken from HMSO (1974) 'Census 1971 Great Britain. Non-Private Households', Table 1 and Table 4

⁵ Other establishments is comprised of civilian ships, boats and barges and miscellaneous communal establishments