

Supplementary Table S1. Distributions of covariates by ethnic group. Live singleton births at 22+ weeks, England and Wales 2006-2012.

Ethnic group	White British	White Non-British	Pakistani	Indian	Bangladeshi	Black African	Mixed Black-African-White	Black Caribbean	Mixed Black-Carib-White	Other / Unspecific	Unstated
% of births											
Parent mar/reg											
Within Marriage	46.2	64.8	95.7	96.2	94.6	61.3	45.7	26.5	20.9	68.3	57.1
Joint, same addr.	36.7	26.8	1.9	2.1	2.7	14.5	26.3	21.7	33.6	16.5	28.5
Joint, diff. addr.	10.9	4.0	1.1	0.9	1.6	12.4	15.8	32.0	28.3	8.5	8.3
Sole registration	6.2	4.4	1.3	0.9	1.2	11.8	12.3	19.8	17.2	6.7	6.1
Mother COB											
Non-UK	3.9	80.1	62.9	66.0	78.2	92.7	45.2	36.7	9.4	67.6	26.4
UK	96.1	19.9	37.1	34.0	21.8	7.3	54.8	63.3	90.6	32.4	73.6
Deprivation, IMD											
1 = Advantaged	18.0	14.0	3.4	11.4	2.3	3.0	9.3	2.4	8.2	10.6	16.2
2	18.9	16.2	5.4	13.6	4.3	5.4	12.4	4.8	11.1	12.7	18.6
3	19.5	20.0	10.8	20.8	8.8	11.9	17.3	13.0	15.8	17.4	20.1
4	20.2	26.1	25.1	29.9	24.8	29.6	26.1	29.9	25.4	25.9	23.1
5 = Disadvantaged	23.4	23.7	55.3	24.3	59.8	50.1	34.9	49.8	39.4	33.4	22.0
Gestation, weeks											
37+	94.5	95.4	94.0	94.0	93.7	93.8	94.5	91.8	93.6	94.5	94.4
32-36	4.7	4.0	5.0	5.1	5.5	4.6	4.5	6.2	5.3	4.6	4.7
22-31	0.8	0.6	1.0	0.9	0.8	1.6	1.0	2.0	1.1	0.9	0.9
Mother age, years											
30+	47.1	52.7	37.5	50.5	35.3	54.3	45.9	43.6	34.9	51.1	49.7
25-29	25.8	29.7	37.6	36.6	37.0	29.3	27.7	25.6	25.3	27.8	26.5
20-24	20.0	15.0	22.9	12.2	25.5	13.9	20.4	22.3	27.6	16.9	18.0
<20	7.1	2.6	2.0	0.7	2.2	2.6	6.0	8.5	12.3	4.2	5.8
Sex											
Girl	48.7	48.5	49.0	48.7	49.3	49.4	48.8	49.2	48.8	48.6	48.6
Boy	51.3	51.5	51.0	51.3	50.7	50.6	51.2	50.8	51.2	51.4	51.4
Total	100	100	100	100	100	100	100	100	100	100	100
Number of births	3,009,144	340,515	180,265	132,646	62,944	154,071	29,313	47,503	46,445	344,186	287,732

Parent mar/reg, parents' marital/registration status; COB, country of birth; Gestation, gestational age at birth.

Data for Figure 1 in 'Ethnic variation in unexplained deaths in infancy, including sudden infant death syndrome (SIDS), England and Wales 2006-2012: national birth cohort study using routine data'.

Supplementary Table S2. Unexplained death in infancy by recorded cause. Deaths by age at death (completed months). Deaths per 1000 live singleton births by year of birth. Live singleton births at 22+ weeks, England and Wales 2006-2012.

Recorded cause		Sudden Infant Death Syndrome			Unascertained	
Age at death (months)	N deaths	N deaths	%	N deaths	%	
0	274	162	59.1%	112	40.9%	
1	430	290	67.4%	140	32.6%	
2	302	222	73.5%	80	26.5%	
3	175	129	73.7%	46	26.3%	
4	126	88	69.8%	38	30.2%	
5	83	60	72.3%	23	27.7%	
6	51	33	64.7%	18	35.3%	
7	37	26	70.3%	11	29.7%	
8	36	24	66.7%	12	33.3%	
9	19	11	57.9%	8	42.1%	
10 or 11	26	17	65.4%	9	34.6%	
Total	1,559	1,062	68.1%	497	31.9%	
Year of birth	N births	N deaths	Rate/1000	N deaths	Rate/1000	
2006	631,676	159	0.2517	72	0.1140	
2007	646,862	179	0.2767	70	0.1082	
2008	663,899	158	0.2380	78	0.1175	
2009	659,783	152	0.2304	78	0.1182	
2010	671,249	129	0.1922	77	0.1147	
2011	675,057	141	0.2089	68	0.1007	
2012	686,238	144	0.2098	54	0.0787	
Total	4,634,764	1,062	0.2291	497	0.1072	

Data for Figure 2 in 'Ethnic variation in unexplained deaths in infancy, including sudden infant death syndrome (SIDS), England and Wales 2006-2012: national birth cohort study using routine data'.