

Supplementary Tables

Incidence per 100,000 0-16 year olds by age at time of SCFE

Age of individual	Incidence	Lower limit of 95% CI	Upper limit of 95% CI
7	0.5	0.1	1.3
8	0.5	0.1	1.3
9	1.4	0.7	2.4
10	3.4	2.3	5.0
11	10.1	8.0	12.5
12	17.0	14.3	20.1
13	16.3	13.6	19.3
14	10.6	8.5	13.1
15	9.6	7.6	12.0
16	4.0	2.7	5.7

Incidence per 100,000 0-16 year olds by year at diagnosis of SCFE

Year of SCFE diagnosis	Incidence	Lower limit of 95% CI	Upper limit of 95% CI
1990	2.7	0.1	15.2
1991	6.0	2.4	12.4
1992	5.0	2.1	9.8
1993	2.7	0.9	6.2
1994	4.6	2.2	8.5
1995	4.7	2.3	8.4
1996	2.0	0.6	4.6
1997	3.5	1.7	6.4
1998	4.5	2.5	7.4
1999	6.0	3.8	9.1
2000	5.2	3.3	7.7
2001	7.2	5.2	9.8
2002	6.5	4.7	8.9
2003	5.5	3.9	7.5
2004	5.7	4.1	7.7
2005	4.4	3.0	6.1
2006	5.4	3.9	7.2
2007	5.1	3.6	6.9
2008	4.3	3.0	6.0
2009	6.1	4.5	8.0
2010	3.3	2.2	4.9
2011	3.9	2.7	5.6
2012	3.7	2.5	5.3
2013	4.2	2.8	6.0
2014	1.8	0.4	5.4

Incidence per 100,000 0-16 year olds by region of the UK

Region	Incidence	Lower limit of 95% CI	Upper limit of 95% CI
North East	3.6	1.6	6.8
North West	4.7	3.7	5.9
Yorkshire & Humber	5.5	3.6	7.9
East Midlands	4.1	2.6	6.2
West Midland	5.1	3.9	6.6
East of England	5.0	3.8	6.4
South West	5.4	4.0	7.1
South Central	4.8	3.7	6.1
London	4.4	3.3	5.7
South East Coast	4.5	3.4	5.9
Northern Ireland	5.5	3.6	8.1
Scotland	4.3	3.1	5.7
Wales	5.5	4.1	7.2

Incidence per 100,000 0-16 year olds by sex

Gender	Person Years of Exposure	Cases	Incidence	Lower limit of 95% CI	Upper limit of 95% CI
Male	6430306	364	5.7	5.1	6.3
Female	5972634	232	3.9	3.4	4.4

Incidence per 100,000 0-16 year olds by quintile of socioeconomic deprivation.

Deprivation Quintile	Person Years of Exposure	Cases	Incidence	Lower limit of 95% CI	Upper limit of 95% CI
Least Deprived - 1	1766328	28	4.1	3.2	5.2
2	1648920	44	4.6	3.6	5.8
3	1413490	39	5.4	4.3	6.8
4	1471720	36	6.3	5.0	7.7
Most Deprived - 5	1211324	29	6.4	5.0	7.9

BMI prior to diagnosis, using the most recent BMI recorded in primary care before SCFE diagnosis

Age at which BMI was last recorded in the medical notes (Years)	Mean z-score	Lower limit of 95% CI	Upper limit of 95% CI
1	0.1	-0.4	0.6
2	1.1	-1.1	3.2
3	0.1	-0.7	0.8
4	1.5	0.3	2.8
5	-0.5	-1.4	0.3
6	0.4	-1.2	1.9
7	1.3	0.5	2.1
8	0.9	-0.7	2.5
9	1.0	-0.3	2.2
10	1.8	1.1	2.4
11	2.1	1.6	2.5
12	2.0	1.5	2.6
13	2.4	1.8	3.0
14	2.2	1.6	2.9
15	2.3	0.5	4.1
16	1.6	-0.6	3.9