

Supplementary Table 2. Standardised rates of test use, annual percentage change and average annual percentage change by setting, sex, and age from 2005 to 2019

				Rate* (per 1,000 child years)		95% Confidence Interval						
		Start	End	Start	End	APC (%)	Lower Limit	Upper Limit	p value	AAPC (%) and 95% CI	p value	
Overall		2005	2012	878.4	781.9	-2.2	-3.8	-0.6	0.01	1.5	0.2	
		2012	2015	781.9	981.9	9	-3	22.5	0.1	(-0.8 to 3.9)		
		2015	2019	981.9	1107.8	2.8	-0.5	6.3	0.1			
Setting	General Practice	2005	2011	123.5	125.9	-3.3	-8.3	1.9	0.2	4.2	0.002	
		2011	2019	125.9	259.9	10.1	6.5	14	< 0.001	(1.5 to 6.9)		
	Inpatient	2005	2015	620.5	699.4	1.0	-0.2	2.3	0.1	-0.6	0.4	
		2015	2019	699.4	564.5	-4.5	-9.3	0.5	0.07	(-2.1 to 0.9)		
	Outpatient	2005	2011	134.4	38.3	-21.6	-28.3	-14.2	< 0.001	6.6	0.005	
		2011	2019	38.3	283.5	34.1	26.6	42.2	< 0.001	(1.9 to 11.5)		
Sex	Female	2005	2012	790.7	698.9	-1.6	-3.3	0.1	0.05	2.3		
		2012	2019	698.9	1098.1	6.4	4.7	8	< 0.001	(1.3 to 3.3)	<0.001	
	Male	2005	2012	949.0	857.1	-2.2	-3.9	-0.5	0.02	1.2	0.3	
		2012	2015	857.1	1077.2	10	-3	24.7	0.1	(-1.3 to 3.8)		
		2015	2019	1077.2	1114.8	1	-2.6	4.7	0.5			
	Age group	<1	2005	2019	301.5	232.5	-1.2	-2.2	-0.2	0.02	-1.2 (-2.2 to -0.2)	0.02
1-5			2005	2010	203.0	192.9	-1.8	-6	2.6	0.4	1.9	0.2
			2010	2015	192.9	257.4	6.9	0.5	13.8	0.04	(-0.8 to 4.6)	
6-10		2015	2019	257.4	269.2	0.4	-5.7	6.8	0.9			
		2005	2010	153.0	117.4	-6.3	-9	-3.6	0.001	4.4	<0.001	
		2010	2015	117.4	236.8	16.6	12	21.4	< 0.001	(2.6 to 6.3)		
11-15		2015	2019	236.8	265.3	4.2	0.1	8.5	0.048			
		2005	2013	216.9	164.3	-6.1	-9.8	-2.2	0.006	2.0	0.2	
		2013	2020	164.3	336.2	13.8	6.9	21.1	0.001	(-1.1 to 5.2)		

*Observed rates; Abbreviations: APC Annual percentage change; AAPC Average annual percentage change