

eTable11: Distribution of subject standardised scores for selected congenital anomaly (CA) subgroups by key stage

English CA subgroup	EYFSP		KS1		KS2	
	Number	mean (SD)	Number	mean (SD)	Number	mean (SD)
No CA	2,255,528	0.03 (0.97)	2,223,011	0.04 (0.92)	2,121,289	0.02 (0.98)
Any CA	77,829	-0.33 (1.23)	76,698	-0.32 (1.20)	67,152	-0.12 (1.04)
Nervous System	1,981	-1.17 (1.58)	1,957	-1.16 (1.49)	1,267	-0.36 (1.11)
Congenital Heart Defects (CHD)	11,240	-0.36 (1.17)	11,065	-0.36 (1.14)	9,813	-0.22 (1.08)
Severe CHD	2,963	-0.37 (1.17)	2,906	-0.38 (1.16)	2,531	-0.27 (1.08)
Cleft Lip	846	-0.18 (1.06)	831	-0.11 (1.01)	772	-0.10 (1.02)
Cleft Palate	1,030	-0.37 (1.18)	1,017	-0.30 (1.16)	915	-0.16 (1.09)
Cleft Lip and Palate	1,077	-0.38 (1.11)	1,066	-0.30 (1.08)	975	-0.23 (1.07)
Digestive System	2,983	-0.19 (1.08)	2,958	-0.17 (1.05)	2,712	-0.10 (1.03)
Urinary System	9,847	-0.08 (1.02)	9,683	-0.08 (0.99)	9,107	-0.03 (1.00)
Congenital Hydronephrosis	3,505	-0.06 (1.02)	3,441	-0.08 (0.98)	3,247	-0.03 (0.99)
Hypospadias	3,266	-0.24 (1.03)	3,239	-0.22 (1.01)	3,013	-0.14 (1.01)
Polydactyly	3,443	-0.10 (1.04)	3,401	-0.07 (0.99)	3,179	-0.05 (0.97)
Down Syndrome	2,007	-2.75 (0.95)	1,937	-2.91 (0.60)	66	-1.40 (1.49)
Turner Syndrome	132	-0.86 (1.44)	133	-0.84 (1.38)	101	-0.20 (1.01)
Klinefelter Syndrome	73	-0.83 (1.21)	73	-1.04 (1.12)	52	-1.14 (1.11)
Di George Syndrome	134	-1.87 (1.06)	130	-2.03 (1.10)	52	-1.60 (1.02)
Karyotype XXX	39	-0.46 (1.06)	39	-0.63 (1.03)	34	-1.06 (1.08)

Maths CA subgroup	EYFSP		KS1		KS2	
	Number	mean (SD)	Number	mean (SD)	Number	mean (SD)
No CA	2,255,528	0.03 (0.96)	2,222,983	0.04 (0.96)	2,122,249	0.01 (0.99)
Any CA	77,829	-0.33 (1.31)	76,702	-0.35 (1.30)	67,133	-0.15 (1.07)
Nervous System	1,981	-1.26 (1.79)	1,957	-1.33 (1.63)	1,258	-0.51 (1.19)
Congenital Heart Defects (CHD)	11,240	-0.36 (1.23)	11,066	-0.40 (1.22)	9,796	-0.29 (1.12)
Severe CHD	2,963	-0.35 (1.23)	2,906	-0.40 (1.23)	2,539	-0.26 (1.10)
Cleft Lip	846	-0.13 (1.09)	831	-0.09 (1.08)	779	-0.04 (1.02)
Cleft Palate	1,030	-0.34 (1.22)	1,017	-0.36 (1.21)	926	-0.27 (1.12)
Cleft Lip and Palate	1,077	-0.30 (1.14)	1,066	-0.28 (1.11)	986	-0.26 (1.11)
Digestive System	2,983	-0.19 (1.12)	2,958	-0.19 (1.12)	2,709	-0.12 (1.06)
Urinary System	9,847	-0.04 (1.04)	9,683	-0.02 (1.24)	9,125	-0.03 (1.04)
Congenital Hydronephrosis	3,505	0.00 (1.02)	3,441	0.00 (1.03)	3,254	0.01 (1.01)
Hypospadias	3,266	-0.14 (1.08)	3,239	-0.11 (1.10)	3,019	-0.03 (1.04)
Polydactyly	3,443	-0.09 (1.07)	3,401	-0.11 (1.05)	3,179	-0.07 (1.01)
Down Syndrome	2,007	-3.12 (1.29)	1,938	-3.26 (0.74)	60	-1.31 (1.55)
Turner Syndrome	132	-0.96 (1.58)	133	-1.20 (1.40)	97	-0.75 (1.06)
Klinefelter Syndrome	73	-0.55 (1.29)	73	-0.90 (1.28)	53	-0.83 (1.15)
Di George Syndrome	134	-1.90 (1.30)	130	-2.23 (1.12)	49	-1.81 (1.02)
Karyotype XXX	39	-0.46 (1.19)	39	-0.84 (1.25)	34	-1.15 (1.09)

CA=congenital anomaly; CHD=congenital heart defect; EYFSP=Early Years Foundation Stage Profile; KS1=Key Stage 1; KS2=Key Stage 2; SD=standard deviation