

Special Educational Needs in Harrow - Appendix

2021

Announcement about 2020 and 2021 data

This SEN profile reports from the January 2021 school census about pupils aged 3 to 19 with SEN at Harrow's primary, secondary and special schools, and compares to the national picture. It contains Key Stage results from 2019 since the 2020 and 2021 results were not published due to the pandemic of Covid-19.

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Appendix

A Additional Tables and Charts

Annex Table 1: The number and percentage of pupils by SEN provision, primary need and type of school

Year: January 2021

Coverage: Harrow

Pupils on SEN Support						
Primary Need	Primary Schools		Secondary Schools		Special Schools	
	#	%	#	%	#	%
Speech, Language and Communication Needs	1052	48.5%	221	15.8%	-	-
Moderate Learning Difficulty	350	16.2%	320	22.9%	-	-
Social, Emotional and Mental Health	270	12.5%	265	19.0%	-	-
Specific Learning Difficulty	98	4.5%	189	13.5%	-	-
Other Difficulty/Disorder	68	3.1%	205	14.7%	1	33.3%
SEN support but no specialist assessment of type of need	127	5.9%	37	2.6%	1	33.3%
Autistic Spectrum Disorder	85	3.9%	65	4.6%	-	-
Hearing Impairment	49	2.3%	41	2.9%	-	-
Physical Disability	40	1.8%	28	2.0%	-	-
Visual Impairment	13	0.6%	24	1.7%	-	-
Multi-Sensory Impairment	11	0.5%	2	0.1%	-	-
Severe Learning Difficulty	4	0.2%	1	0.1%	1	33.3%
Profound & Multiple Learning Difficulty	-	-	-	-	-	-
Grand Total	2167	100%	1398	100%	3	100%

Pupils with EHC plan						
Primary Need	Primary Schools		Secondary Schools		Special Schools	
	#	%	#	%	#	%
Autistic Spectrum Disorder	159	32.6%	78	25.5%	109	22.8%
Speech, Language and Communication Needs	180	36.9%	76	24.8%	50	10.4%
Severe Learning Difficulty	4	0.8%	5	1.6%	173	36.1%
Moderate Learning Difficulty	29	5.9%	40	13.1%	68	14.2%
Social, Emotional and Mental Health	30	6.1%	35	11.4%	3	0.6%
Profound & Multiple Learning Difficulty	2	0.4%	-	-	46	9.6%
Physical Disability	20	4.1%	26	8.5%	6	1.3%
Other Difficulty/Disorder	16	3.3%	12	3.9%	11	2.3%
Specific Learning Difficulty	16	3.3%	15	4.9%	9	1.9%
Hearing Impairment	21	4.3%	14	4.6%	1	0.2%
Visual Impairment	7	1.4%	5	1.6%	2	0.4%
Multi-Sensory Impairment	4	0.8%	-	-	1	0.2%
Grand Total	488	100%	306	100%	479	100%

Annex Table 2: The number and percentage of pupils on SEN support by age and gender (All state-funded schools: Age as at 31st August 2020)

Year: January 2020

Coverage: Harrow

Pupils on SEN Support						
Age	Girls		Boys		Total	
	#	%	#	%	#	%
3 or less	7	0.5%	29	1.3%	36	1.0%
4	59	4.6%	148	6.5%	207	5.8%
5	78	6.1%	201	8.8%	279	7.8%
6	84	6.6%	216	9.4%	300	8.4%
7	107	8.4%	228	10.0%	335	9.4%
8	122	9.5%	215	9.4%	337	9.4%
9	111	8.7%	222	9.7%	333	9.3%
10	126	9.9%	214	9.3%	340	9.5%
11	117	9.2%	177	7.7%	294	8.2%
12	93	7.3%	143	6.2%	236	6.6%
13	90	7.0%	150	6.6%	240	6.7%
14	131	10.3%	151	6.6%	282	7.9%
15	123	9.6%	145	6.3%	268	7.5%
16 and over	30	2.3%	51	2.2%	81	2.3%
Grand Total	1278	100%	2290	100%	3568	100%

Includes all academies, free schools and middle schools as deemed. Excludes nursery schools, independent schools and pupil referral units.

Annex Table 3: The number and percentage of pupils with statements/EHC plans by age and gender (All state-funded schools: Age as at 31st August 2020)

Year: January 2021

Coverage: Harrow

Pupils with EHC plan						
Age	Girls		Boys		Total	
	#	%	#	%	#	%
3 or less	1	0.3%	3	0.3%	4	0.3%
4	21	6.0%	35	3.8%	56	4.4%
5	22	6.3%	65	7.1%	87	6.8%
6	23	6.5%	74	8.0%	97	7.6%
7	29	8.2%	79	8.6%	108	8.5%
8	38	10.8%	73	7.9%	111	8.7%
9	27	7.7%	95	10.3%	122	9.6%
10	29	8.2%	85	9.2%	114	9.0%
11	28	8.0%	77	8.4%	105	8.2%
12	36	10.2%	77	8.4%	113	8.9%
13	24	6.8%	67	7.3%	91	7.1%
14	22	6.3%	57	6.2%	79	6.2%
15	24	6.8%	69	7.5%	93	7.3%
16 and over	28	8.0%	65	7.1%	93	7.3%
Grand Total	352	100%	921	100%	1273	100%

Includes all academies, free schools and middle schools as deemed. Excludes nursery schools, independent schools and pupil referral units.

Annex Table 4: The number of pupils on SEN support by ethnic group and primary needs (state-funded primary, secondary and special schools¹)

Year: January 2021

Coverage: Harrow

Ethnicity	SLCN	MLD	SEMH	SPLD	OTH	NSA	ASD	HI	PD	VI	MSI	SLD	Grand Total
Asian	592	265	128	76	94	60	59	41	21	24	4	1	1365
Bangladeshi	12	6	2	1	0	1	0	2	0	0	0	0	24
Indian	238	71	56	28	37	19	28	19	9	8	3	0	516
Any Other Asian Background	270	148	41	35	39	35	21	17	11	12	1	1	631
Pakistani	72	40	29	12	18	5	10	3	1	4	0	0	194
Black	141	88	91	39	56	23	12	11	9	3	2	1	476
Black African	94	40	43	19	30	12	8	8	6	3	1	1	265
Black Caribbean	32	37	40	15	11	8	1	1	0	0	1	0	146
Any Other Black Background	15	11	8	5	15	3	3	2	3	0	0	0	65
Chinese	6	0	1	1	1	0	1	0	0	0	0	0	10
Mixed	119	72	95	36	23	16	17	7	8	2	1	0	396
Any Other Mixed Background	45	27	36	20	10	10	7	5	2	1	0	0	163
White and Asian	39	16	18	5	11	3	4	1	3	0	1	0	101
White and Black African	12	8	12	3	1	2	2	0	0	0	0	0	40
White and Black Caribbean	23	21	29	8	1	1	4	1	3	1	0	0	92
Information Not Yet Obtained	3	2	1	2	2	0	0	0	0	0	0	0	10
Any Other Ethnic Group	62	46	34	9	20	13	4	4	4	2	1	1	200
Refused	24	7	14	3	3	1	2	0	1	0	0	0	55
White	326	190	171	121	75	52	55	27	25	6	5	3	1056
White British	106	91	103	80	30	14	45	14	15	3	2	3	506
White Irish	9	8	6	6	3	3	0	2	0	0	1	0	38
Traveller of Irish Heritage	4	8	4	0	0	3	0	0	0	0	0	0	19
Any Other White Background	206	82	57	35	42	32	10	11	10	3	2	0	490
Gypsy / Roma	1	1	1	0	0	0	0	0	0	0	0	0	3
Grand Total	1273	670	535	287	274	165	150	90	68	37	13	6	3568

Source: January school census 2021 via COLLECT Exports.

¹ Includes all primary academies and free schools. Excludes pupil referral units and independent schools. Also included pupils who are sole or dual main registrations.

Annex Table 5: The percentage of pupils on SEN support by ethnic group and primary needs (state-funded primary, secondary and special schools²)

Year: January 2021

Coverage: Harrow

Ethnicity	SLCN	MLD	SEMH	SPLD	OTH	NSA	ASD	HI	PD	VI	MSI	SLD	Grand Total
Asian	43.4%	19.4%	9.4%	5.6%	6.9%	4.4%	4.3%	3.0%	1.5%	1.8%	0.3%	0.1%	1365
Bangladeshi	50.0%	25.0%	8.3%	4.2%	0.0%	4.2%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%	24
Indian	46.1%	13.8%	10.9%	5.4%	7.2%	3.7%	5.4%	3.7%	1.7%	1.6%	0.6%	0.0%	516
Any Other Asian Background	42.8%	23.5%	6.5%	5.5%	6.2%	5.5%	3.3%	2.7%	1.7%	1.9%	0.2%	0.2%	631
Pakistani	37.1%	20.6%	14.9%	6.2%	9.3%	2.6%	5.2%	1.5%	0.5%	2.1%	0.0%	0.0%	194
Black	29.6%	18.5%	19.1%	8.2%	11.8%	4.8%	2.5%	2.3%	1.9%	0.6%	0.4%	0.2%	476
Black African	35.5%	15.1%	16.2%	7.2%	11.3%	4.5%	3.0%	3.0%	2.3%	1.1%	0.4%	0.4%	265
Black Caribbean	21.9%	25.3%	27.4%	10.3%	7.5%	5.5%	0.7%	0.7%	0.0%	0.0%	0.7%	0.0%	146
Any Other Black Background	23.1%	16.9%	12.3%	7.7%	23.1%	4.6%	4.6%	3.1%	4.6%	0.0%	0.0%	0.0%	65
Chinese	60.0%	0.0%	10.0%	10.0%	10.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10
Mixed	30.1%	18.2%	24.0%	9.1%	5.8%	4.0%	4.3%	1.8%	2.0%	0.5%	0.3%	0.0%	396
Any Other Mixed Background	27.6%	16.6%	22.1%	12.3%	6.1%	6.1%	4.3%	3.1%	1.2%	0.6%	0.0%	0.0%	163
White and Asian	38.6%	15.8%	17.8%	5.0%	10.9%	3.0%	4.0%	1.0%	3.0%	0.0%	1.0%	0.0%	101
White and Black African	30.0%	20.0%	30.0%	7.5%	2.5%	5.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40
White and Black Caribbean	25.0%	22.8%	31.5%	8.7%	1.1%	1.1%	4.3%	1.1%	3.3%	1.1%	0.0%	0.0%	92
Information Not Yet Obtained	30.0%	20.0%	10.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10
Any Other Ethnic Group	31.0%	23.0%	17.0%	4.5%	10.0%	6.5%	2.0%	2.0%	2.0%	1.0%	0.5%	0.5%	200
Refused	43.6%	12.7%	25.5%	5.5%	5.5%	1.8%	3.6%	0.0%	1.8%	0.0%	0.0%	0.0%	55
White	30.9%	18.0%	16.2%	11.5%	7.1%	4.9%	5.2%	2.6%	2.4%	0.6%	0.5%	0.3%	1056
White British	20.9%	18.0%	20.4%	15.8%	5.9%	2.8%	8.9%	2.8%	3.0%	0.6%	0.4%	0.6%	506
White Irish	23.7%	21.1%	15.8%	15.8%	7.9%	7.9%	0.0%	5.3%	0.0%	0.0%	2.6%	0.0%	38
Traveller of Irish Heritage	21.1%	42.1%	21.1%	0.0%	0.0%	15.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	19
Any Other White Background	42.0%	16.7%	11.6%	7.1%	8.6%	6.5%	2.0%	2.2%	2.0%	0.6%	0.4%	0.0%	490
Gypsy / Roma	33.3%	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3
Grand Total	35.7%	18.8%	15.0%	8.0%	7.7%	4.6%	4.2%	2.5%	1.9%	1.0%	0.4%	0.2%	3568

Source: January school census 2021 via COLLECT Exports.

² Includes all primary academies and free schools. Excludes pupil referral units and independent schools. Also included pupils who are sole or dual main registrations.

Annex Table 6: The number of pupils with EHC plans by ethnic group and primary needs (state-funded primary, secondary and special schools³)

Year: January 2021

Coverage: Harrow

Ethnicity	ASD	SLCN	SLD	MLD	SEMH	PMLD	PD	OTH	SPLD	HI	VI	MSI	Grand Total
Asian	147	143	82	55	12	21	26	15	18	24	11	0	554
Bangladeshi	6	7	1	1	0	0	1	0	0	0	0	0	16
Indian	67	58	30	20	7	5	7	6	12	11	7	0	230
Any Other Asian Background	56	64	38	26	5	9	15	6	6	10	3	0	238
Pakistani	18	14	13	8	0	7	3	3	0	3	1	0	70
Black	45	32	37	21	16	7	6	4	5	5	0	1	179
Black African	25	12	22	7	5	4	6	1	4	5	0	1	92
Black Caribbean	13	12	9	12	8	2	0	3	1	0	0	0	60
Any Other Black Background	7	8	6	2	3	1	0	0	0	0	0	0	27
Chinese	2	0	2	1	0	0	0	0	0	0	0	0	5
Mixed	43	37	14	11	12	2	2	6	2	2	2	0	133
Any Other Mixed Background	13	16	7	5	7	0	0	3	1	0	0	0	52
White and Asian	21	9	4	0	0	0	2	1	0	0	0	0	37
White and Black African	1	2	2	2	1	1	0	0	0	2	0	0	11
White and Black Caribbean	8	10	1	4	4	1	0	2	1	0	2	0	33
Information Not Yet Obtained	1	0	0	0	0	0	0	0	0	0	0	0	1
Any Other Ethnic Group	11	14	7	8	4	8	2	2	2	2	0	0	60
Refused	4	5	1	2	4	0	0	0	0	0	0	0	16
White	93	75	39	39	20	14	12	13	12	3	1	4	325
White British	53	43	13	16	16	7	5	12	7	2	0	4	178
White Irish	3	2	0	2	0	0	0	0	0	0	0	0	7
Traveller of Irish Heritage	1	0	1	1	1	0	0	0	0	0	0	0	4
Any Other White Background	36	30	25	20	3	7	7	1	5	1	1	0	136
Gypsy / Roma	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	346	306	182	137	68	52	48	40	39	36	14	5	1273

Source: January school census 2021 via COLLECT Exports.

³ Includes all primary academies and free schools. Excludes pupil referral units and independent schools. Also included pupils who are sole or dual main registrations.

Annex Table 7: The percentage⁴ of pupils with EHC plans by ethnic group and primary needs (state-funded primary, secondary and special schools⁵)

Year: January 2021

Coverage: Harrow

Ethnicity	ASD	SLCN	SLD	MLD	SEMH	PMLD	PD	OTH	SPLD	HI	VI	MSI	Grand Total
Asian	26.5%	25.8%	14.8%	9.9%	2.2%	3.8%	4.7%	2.7%	3.2%	4.3%	2.0%	0.0%	554
Bangladeshi	37.5%	43.8%	6.3%	6.3%	0.0%	0.0%	6.3%	0.0%	0.0%	0.0%	0.0%	0.0%	16
Indian	29.1%	25.2%	13.0%	8.7%	3.0%	2.2%	3.0%	2.6%	5.2%	4.8%	3.0%	0.0%	230
Any Other Asian Background	23.5%	26.9%	16.0%	10.9%	2.1%	3.8%	6.3%	2.5%	2.5%	4.2%	1.3%	0.0%	238
Pakistani	25.7%	20.0%	18.6%	11.4%	0.0%	10.0%	4.3%	4.3%	0.0%	4.3%	1.4%	0.0%	70
Black	25.1%	17.9%	20.7%	11.7%	8.9%	3.9%	3.4%	2.2%	2.8%	2.8%	0.0%	0.6%	179
Black African	27.2%	13.0%	23.9%	7.6%	5.4%	4.3%	6.5%	1.1%	4.3%	5.4%	0.0%	1.1%	92
Black Caribbean	21.7%	20.0%	15.0%	20.0%	13.3%	3.3%	0.0%	5.0%	1.7%	0.0%	0.0%	0.0%	60
Any Other Black Background	25.9%	29.6%	22.2%	7.4%	11.1%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	27
Chinese	40.0%	0.0%	40.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5
Mixed	32.3%	27.8%	10.5%	8.3%	9.0%	1.5%	1.5%	4.5%	1.5%	1.5%	1.5%	0.0%	133
Any Other Mixed Background	25.0%	30.8%	13.5%	9.6%	13.5%	0.0%	0.0%	5.8%	1.9%	0.0%	0.0%	0.0%	52
White and Asian	56.8%	24.3%	10.8%	0.0%	0.0%	0.0%	5.4%	2.7%	0.0%	0.0%	0.0%	0.0%	37
White and Black African	9.1%	18.2%	18.2%	18.2%	9.1%	9.1%	0.0%	0.0%	0.0%	18.2%	0.0%	0.0%	11
White and Black Caribbean	24.2%	30.3%	3.0%	12.1%	12.1%	3.0%	0.0%	6.1%	3.0%	0.0%	6.1%	0.0%	33
Information Not Yet Obtained	100%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1
Any Other Ethnic Group	18.3%	23.3%	11.7%	13.3%	6.7%	13.3%	3.3%	3.3%	3.3%	3.3%	0.0%	0.0%	60
Refused	25.0%	31.3%	6.3%	12.5%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16
White	28.6%	23.1%	12.0%	12.0%	6.2%	4.3%	3.7%	4.0%	3.7%	0.9%	0.3%	1.2%	325
White British	29.8%	24.2%	7.3%	9.0%	9.0%	3.9%	2.8%	6.7%	3.9%	1.1%	0.0%	2.2%	178
White Irish	42.9%	28.6%	0.0%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7
Traveller of Irish Heritage	25.0%	0.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4
Any Other White Background	26.5%	22.1%	18.4%	14.7%	2.2%	5.1%	5.1%	0.7%	3.7%	0.7%	0.7%	0.0%	136
Gypsy / Roma	-	-	-	-	-	-	-	-	-	-	-	-	0
Grand Total	27.2%	24.0%	14.3%	10.8%	5.3%	4.1%	3.8%	3.1%	3.1%	2.8%	1.1%	0.4%	1273

Source: January school census 2021 via COLLECT Exports.

⁴ Number of pupils by primary need expressed as a percentage of all pupils of the same SEN provision and ethnic group.

⁵ Includes all primary academies and free schools. Excludes pupil referral units and independent schools. Also included pupils who are sole or dual main registrations.

Annex Table 8: The number and the percentage of pupils with SEN by language [top 5 languages (state-funded primary, secondary and special schools)]

Year: January 2017 - 2021

Coverage: Harrow

Top 5 Languages of all SEN										
Language	2017		2018		2019		2020		2021	
	#	%	#	%	#	%	#	%	#	%
English	1925	41.6%	1949	41.8%	2060	43.2%	2111	44.2%	2136	44.1%
Romanian	330	7.1%	380	8.1%	386	8.1%	377	7.9%	368	7.6%
Tamil	298	6.4%	304	6.5%	289	6.1%	273	5.7%	276	5.7%
Gujarati	289	6.2%	285	6.1%	256	5.4%	258	5.4%	276	5.7%
Arabic	257	5.6%	274	5.9%	286	6.0%	297	6.2%	286	5.9%
Urdu	173	3.7%	152	3.3%	157	3.3%	169	3.5%	180	3.7%
Pashto/Pakhto	141	3.0%	145	3.1%	142	3.0%	142	3.0%	158	3.3%
All	4630	100%	4663	100%	4770	100%	4774	100%	4841	100%

Source: January school census returns 2017, 2018, 2019, 2020 & 2021 via COLLECT Exports

Annex Table 9: The number and the percentage of pupils on SEN Support by language [top 5 languages (state-funded primary, secondary and special schools)]

Year: January 2017 - 2021

Coverage: Harrow

Top 5 Languages of SEN Support										
Language	2017		2018		2019		2020		2021	
	#	%	#	%	#	%	#	%	#	%
English	1449	40.3%	1467	40.9%	1550	42.5%	1568	43.8%	1554	43.6%
Romanian	298	8.3%	330	9.2%	323	8.8%	304	8.5%	281	7.9%
Arabic	225	6.3%	233	6.5%	245	6.7%	244	6.8%	228	6.4%
Gujarati	216	6.0%	210	5.9%	185	5.1%	185	5.2%	211	5.9%
Tamil	204	5.7%	206	5.7%	202	5.5%	186	5.2%	189	5.3%
Pashto/Pakhto	121	3.4%	122	3.4%	119	3.3%	120	3.3%	135	3.8%
All	3600	100%	3589	100%	3651	100%	3584	100%	3568	100%

Source: January school census returns 2017, 2018, 2019, 2020 & 2021 via COLLECT Exports

Annex Table 10: The number and the percentage of pupils with Statement/ EHCP by language [top 5 languages (state-funded primary, secondary and special schools)]

Year: January 2017 - 2021

Coverage: Harrow

Top 5 Languages of SEN EHCP/ Statement										
Language	2017		2018		2019		2020		2021	
	#	%	#	%	#	%	#	%	#	%
English	476	46.2%	482	44.9%	510	45.6%	543	45.6%	582	45.7%
Tamil	94	9.1%	98	9.1%	87	7.8%	87	7.3%	87	6.8%
Gujarati	73	7.1%	75	7.0%	71	6.3%	73	6.1%	65	5.1%
Romanian	35	3.4%	50	4.7%	63	5.6%	73	6.1%	87	6.8%
Arabic	32	3.1%	41	3.8%	41	3.7%	53	4.5%	58	4.6%
Urdu	50	4.9%	48	4.5%	50	4.5%	51	4.3%	50	3.9%
All	1030	100%	1074	100%	1119	100%	1190	100%	1273	100.00%

Source: January school census returns 2017, 2018, 2019, 2020 & 2021 via COLLECT Exports

Annex Table 11: Number and percentage of pupils on SEN support achieving the expected standard in Reading, Writing and Maths KS2 assessments by primary type of need

Year: 2019

Coverage: Harrow

KS2 - Percentage of pupils on SEN Support in Harrow achieving the Expected Standard in Reading, Writing and Maths by Primary Need in 2019		
Primary need	Number of eligible pupils	Reading, writing and maths %
Autistic Spectrum Disorder	8	50.0%
Hearing Impairment	5	60.0%
Moderate Learning Difficulty	66	18.2%
Multi Sensory Impairment	2	100%
SEN support but no specialist assessment of type of need	17	35.3%
Other Difficulty/Disorder	17	52.9%
Physical Disability	6	66.7%
Social, Emotional and Mental Health	65	53.8%
Speech, Language and Communication Needs	67	28.4%
Specific Learning Difficulty	32	25.0%
Visual Impairment	8	62.5%
Total	293	36.5%

Source: KS2 Results Key to Success (Harrow).

Annex Table 12: Number and percentage of pupils with Statement/ EHC plan achieving the expected standard in Reading, Writing and Maths KS2 assessments by primary type of need

Year: 2019

Coverage: Harrow

KS2 - Percentage of pupils with SEN EHCP in Harrow achieving the Expected Standard in Reading, Writing and Maths by Primary Need in 2019		
Primary need	Number of eligible pupils	Reading, writing and maths %
Autistic Spectrum Disorder	18	44.4%
Hearing Impairment	1	100%
Moderate Learning Difficulty	12	0.0%
Multi Sensory Impairment	1	0.0%
Other Difficulty/Disorder	3	0.0%
Physical Disability	7	42.9%
Profound & Multiple Learning Difficulty	6	0.0%
Social, Emotional and Mental Health	3	0.0%
Speech, Language and Communication Needs	24	12.5%
Severe Learning Difficulty	15	0.0%
Specific Learning Difficulty	2	0.0%
Visual Impairment	2	50.0%
Total	94	17.0%

Source: KS2 Results Key to Success (Harrow).

B Calculating Confidence Intervals

Key stage 2

As of the 2016, progress results are calculated for a school based on a specific cohort of pupils. However, some schools may have performed effectively, but have performed contrarily with a different set of pupils. To account for this statistical uncertainty, we consider a 95% confidence interval around progress scores. These work as a proxy for the range of scores within which each school's underlying performance that can be "confidently said to lie". This measure is calculated by the following formula:

$$CI_s = P_s \pm 1.96 \sqrt{\frac{\sigma_N}{n_s}}, \quad [LowerCI, UpperCI] = [P_s - CI_s, P_s + CI_s],$$

where, P_s is the school progress score, n_s is the school sample size, and σ_N is the standard deviation of the progress scores for all national pupils eligible given by the following values:

Reading	Writing	Mathematics
6.2756	6.2913	5.3356

Note that the national average progress score of all state-funded mainstream school scores is set to zero. Now, three cases can occur:

- I. When a school has their $LowerCI > 0$, i.e. lower confidence interval higher than zero, then the school's progress score is *above average* and the result is statistically significant.
- II. When a school has their $UpperCI < 0$, i.e. upper confidence interval lower than zero, then the school's progress score is *below average* and the result is statistically significant.
- III. When a school has their the confidence intervals $LowerCI < 0 < UpperCI$, i.e. straddling around zero, then we cannot say with confidence if the school's progress score is above or below average, thus we conclude that the result is statistically insignificant from the average.