

# Refreshed SEND forecasts

July 2022 Lead Member Briefing



# Introduction



SEND forecasts were initially produced in May 2021



An annual refresh of forecasts is recommended to reflect latest data and assumptions



Some changes to methodology based on learning from 2021 and the availability of somewhat improved data



Key variable factors remain the number of new EHCPs and the distribution of RAP outcomes



DfE are intending to make SEND forecasting part of the statutory pupil place planning returns from 2023 and will prescribe methodology

# Contents



Assessing the accuracy of 2021 forecasts



Changes to methodology for 2022



EHCP volumes



RAP outcome distributions



2022 forecasts

# Accuracy of 2021 forecasts

- DfE confirm the accuracy of previous forecasts can be measured as:

$$\left( \frac{\text{Forecast pupil number} - \text{actual pupil number}}{\text{Actual pupil number}} \right)$$

- July 2021 forecast was for 2373 SEND pupils needing a special school, DSP or mainstream setting
- Actual count at March 2022 was 2378 pupils, giving an error rate of -0.21%
- So the 2021 forecast for the overall total was 99.79% accurate
- March 2022 pupil count was DSP 207 (forecast 205), Mainstream 776 (forecast 835), Special 1395 (forecast 1333)

# Changes to forecasting methodology for 2022

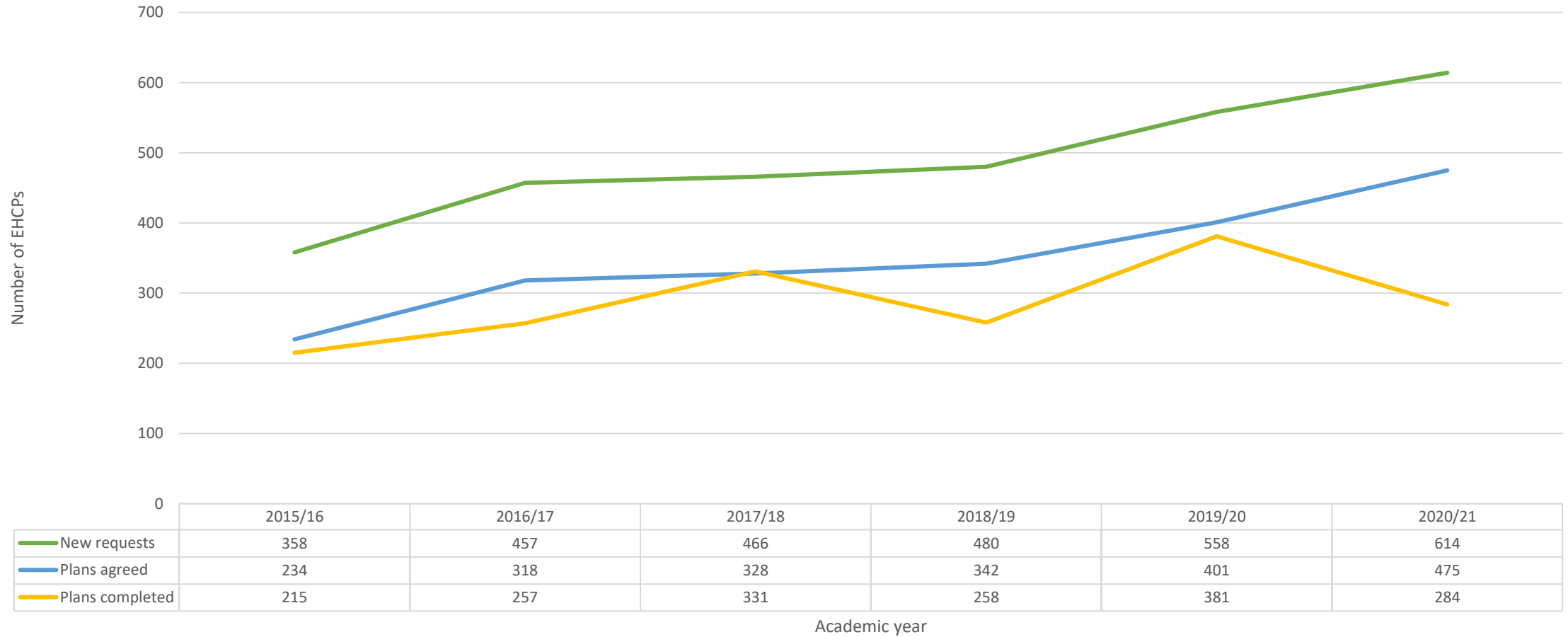
- Future EHCP forecasts based on number of new plans *agreed*, rather than actual *completions*
- A trend calculation has been used to extrapolate the recent surge in newly agreed EHCP requests until the end of 2022/23
- A 3-year weighted average of agreed EHCPs based on demographic factors (i.e. linked to the mainstream pupil forecasts) has been applied from 2023/24 onwards
- Primary needs for existing SEND pupils have been taken from the SEN2 return and the ONE system, rather than the school census

# EHCP volumes



# New EHCP volumes

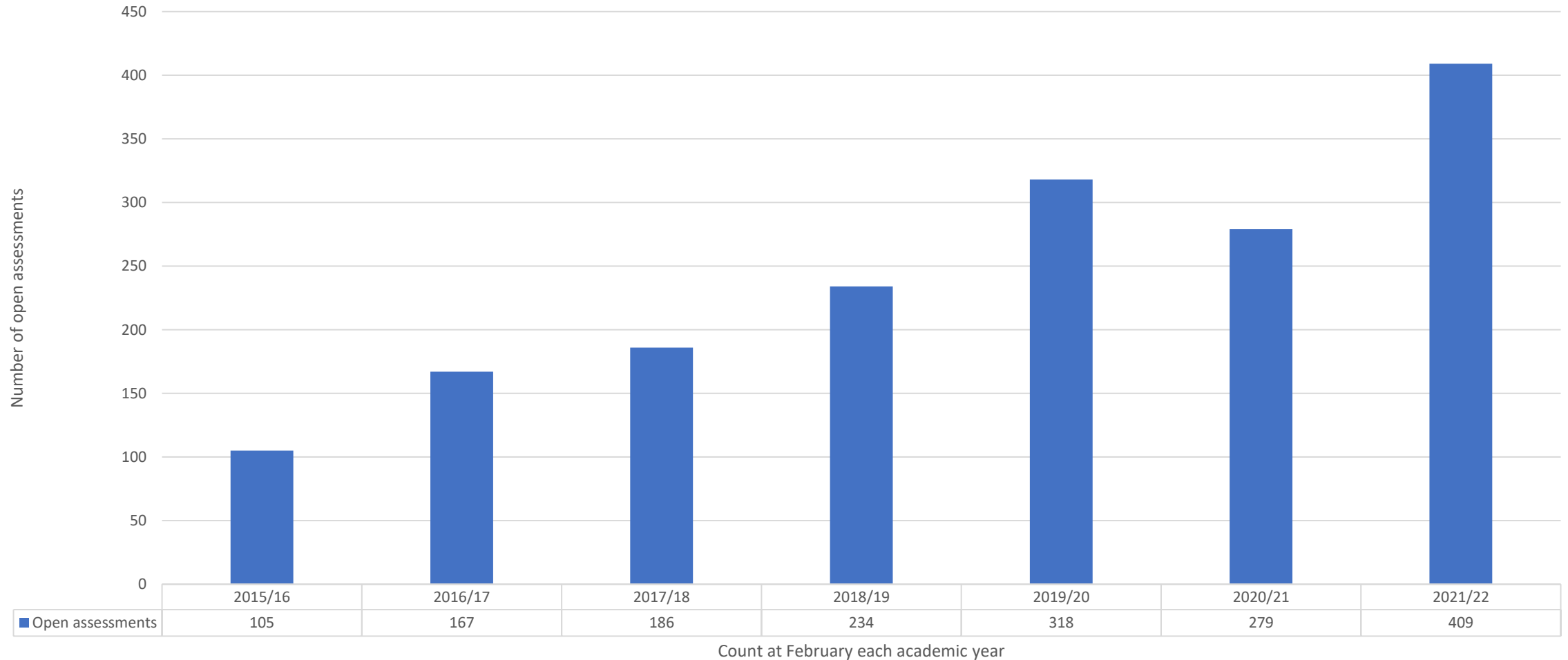
New EHCP volumes



— New requests — Plans agreed — Plans completed

# Assessments agreed but not yet completed

Open EHCP assessments at February each year



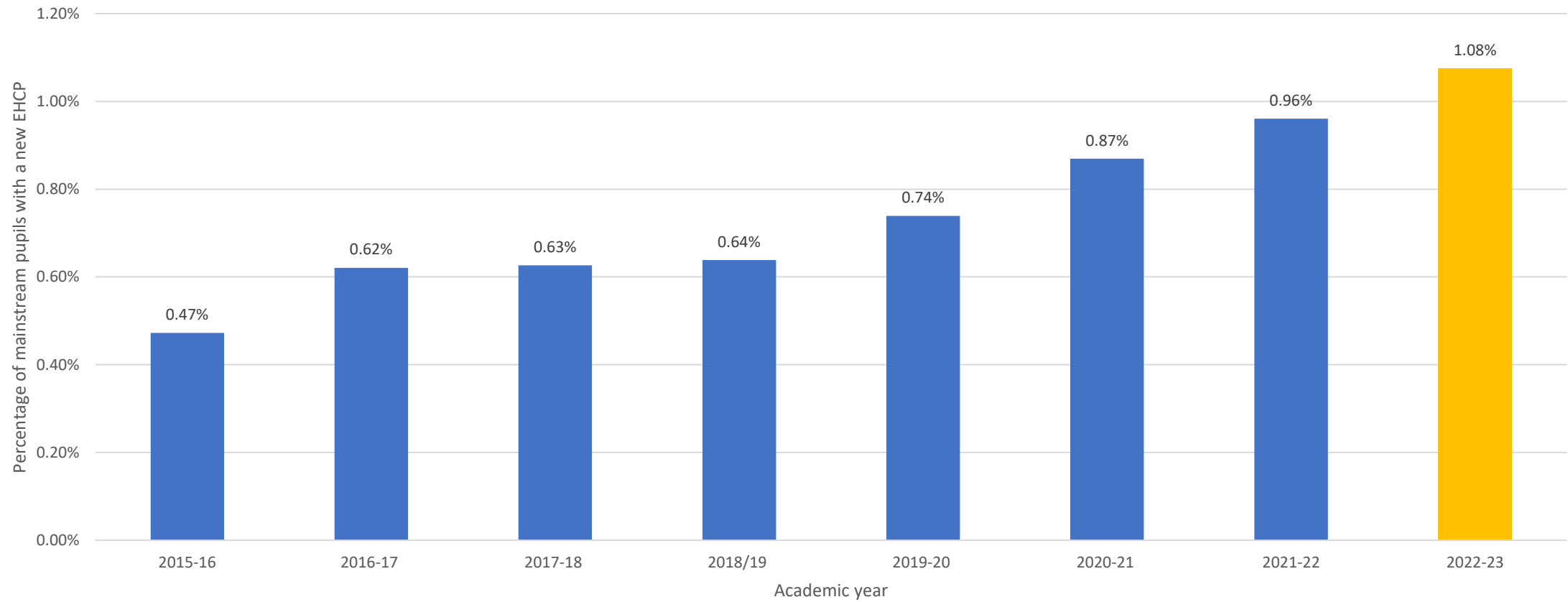


# *Agreed* plans rather than *completed*

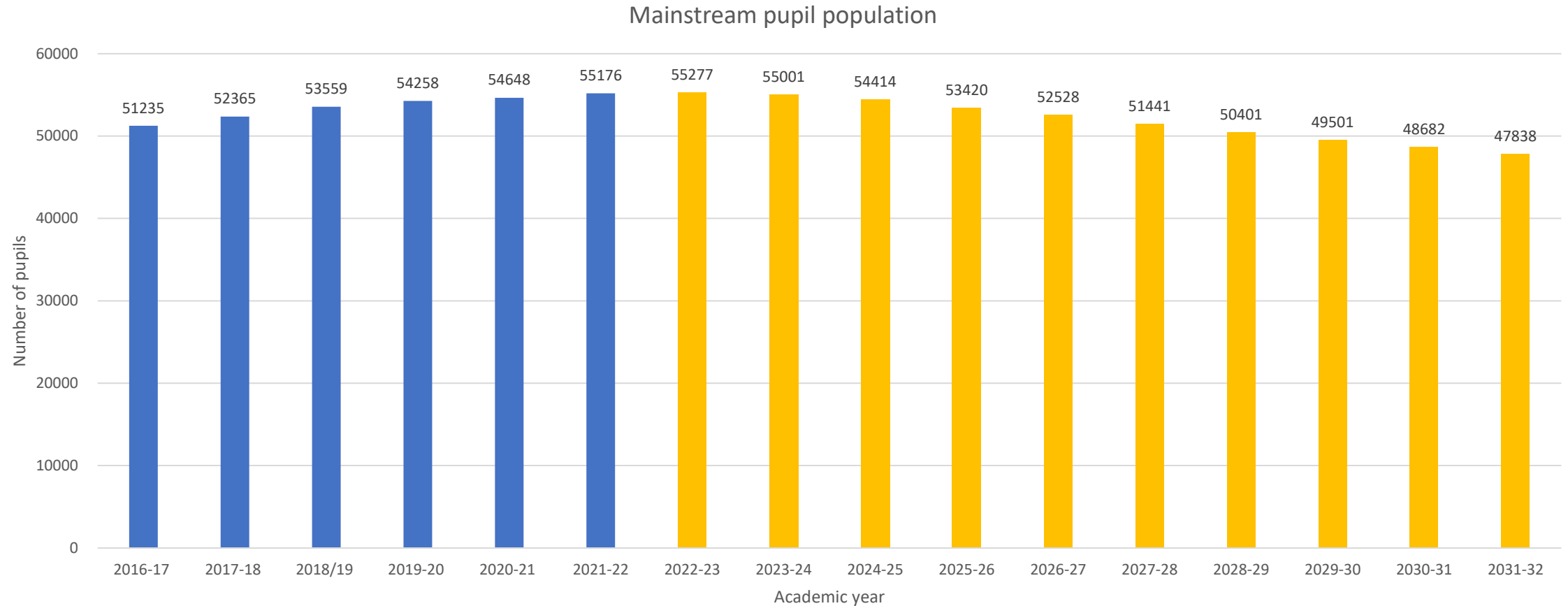
- Clear upward trend in number of new requests received and agreed
- Completed plans do not necessarily follow the same pattern due to resource constraints
- As a result, plans agreed but not started have risen each year
- Using *agreed* plans instead of *completed* clarifies the true level of underlying demand

# Rising proportion of mainstream population receiving a new EHCP

Agreed new EHCPs as percentage of mainstream population



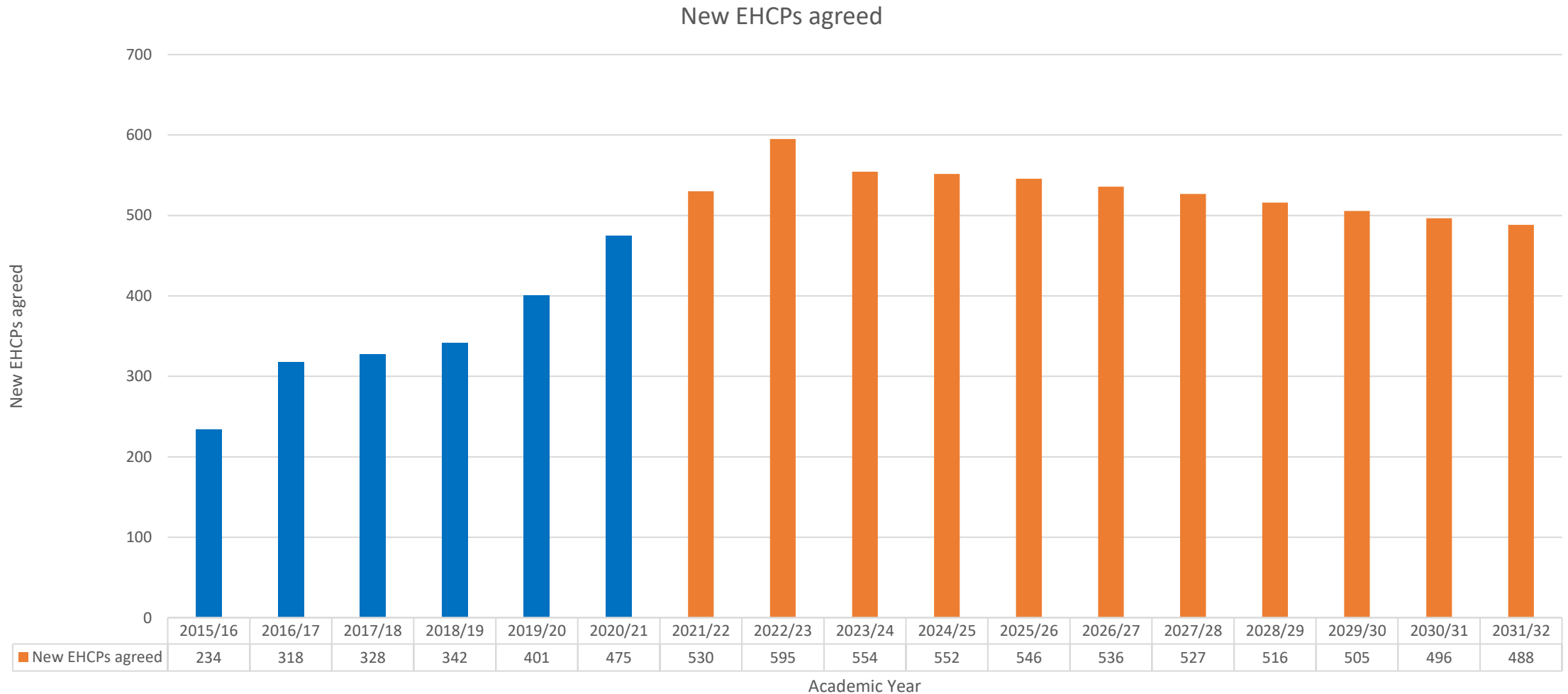
# Mainstream pupil population is forecast to fall from 2022/23 onwards due to falling birth rate



# EHCP forecasting methodology

- Clear upward trend in new EHCPs agreed as percentage of mainstream population
- A 3-year weighted average of the 2020/21 – 2022/23 period has been used for all forecasts from 2023/24 onwards
- So we are forecasting using a flat rate of 1.00280% from 2023/24 until 2031/32
- This ensures demographic factors such as birth rates, migration patterns and new housing developments are fully taken into account

# Agreed new EHCP volumes used in forecasts



# RAP outcomes



# Changing profile of RAP distribution

2019 actuals		2021 actuals	
Provision type	% of RAP outcomes	Provision type	% of RAP outcomes
Mainstream	49.40%	Mainstream	45.20%
Special	43.20%	Special	31.00%
DSP	7.40%	DSP	23.80%

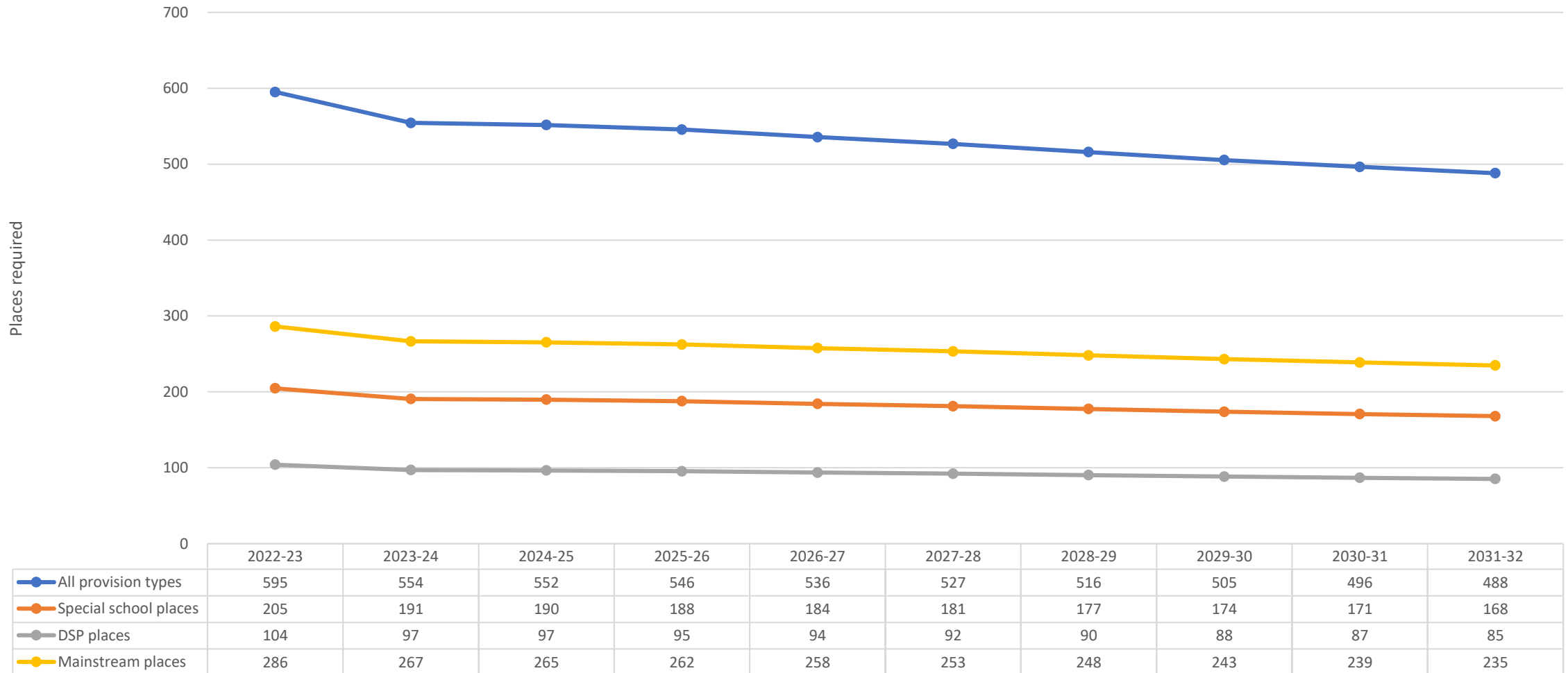
# Changes to RAP assumptions in forecasts

<b>2021 forecasts used these:</b>		<b>2022 forecasts changed to these:</b>	
<b>Provision type</b>	<b>% of RAP outcomes</b>	<b>Provision type</b>	<b>% of RAP outcomes</b>
Mainstream	51.40%	Mainstream	48.10%
Special	36.10%	Special	34.40%
DSP	12.50%	DSP	17.50%



# Places required from agreed EHCPs

Places required annually from new EHCPs

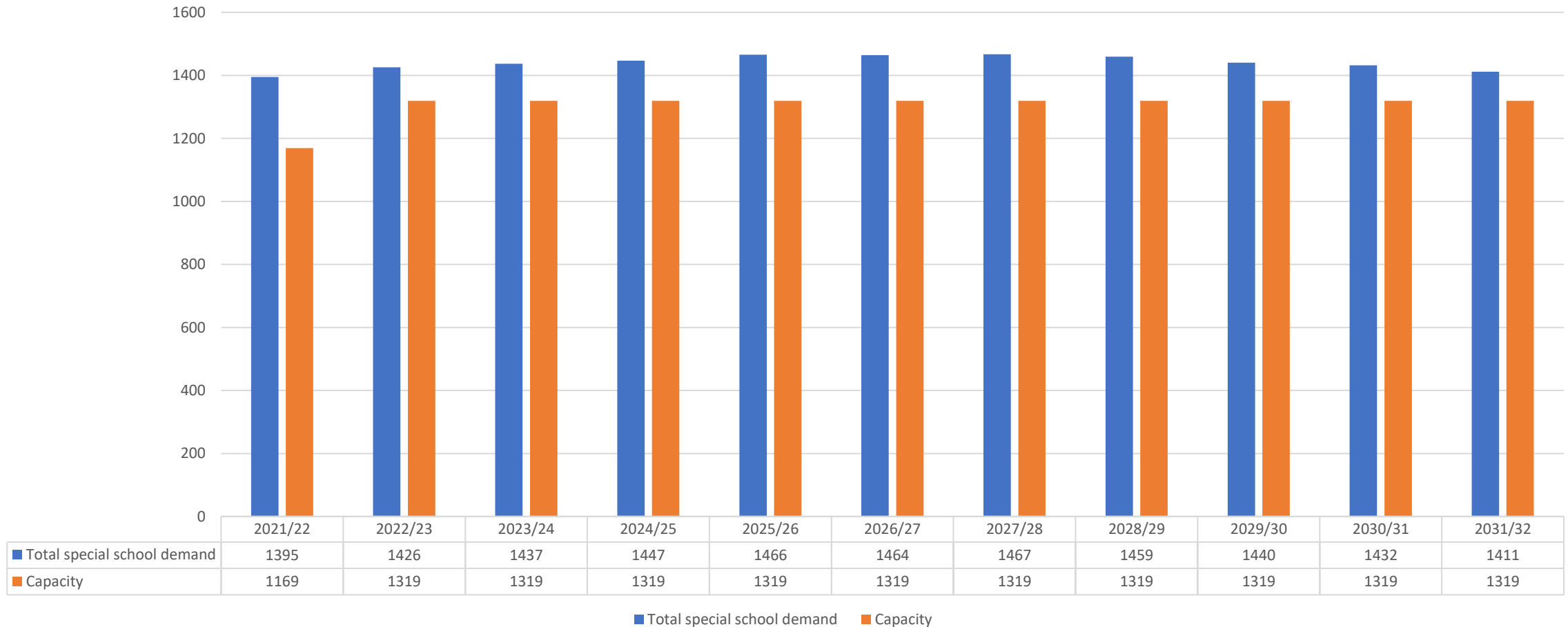


# Special school forecasts

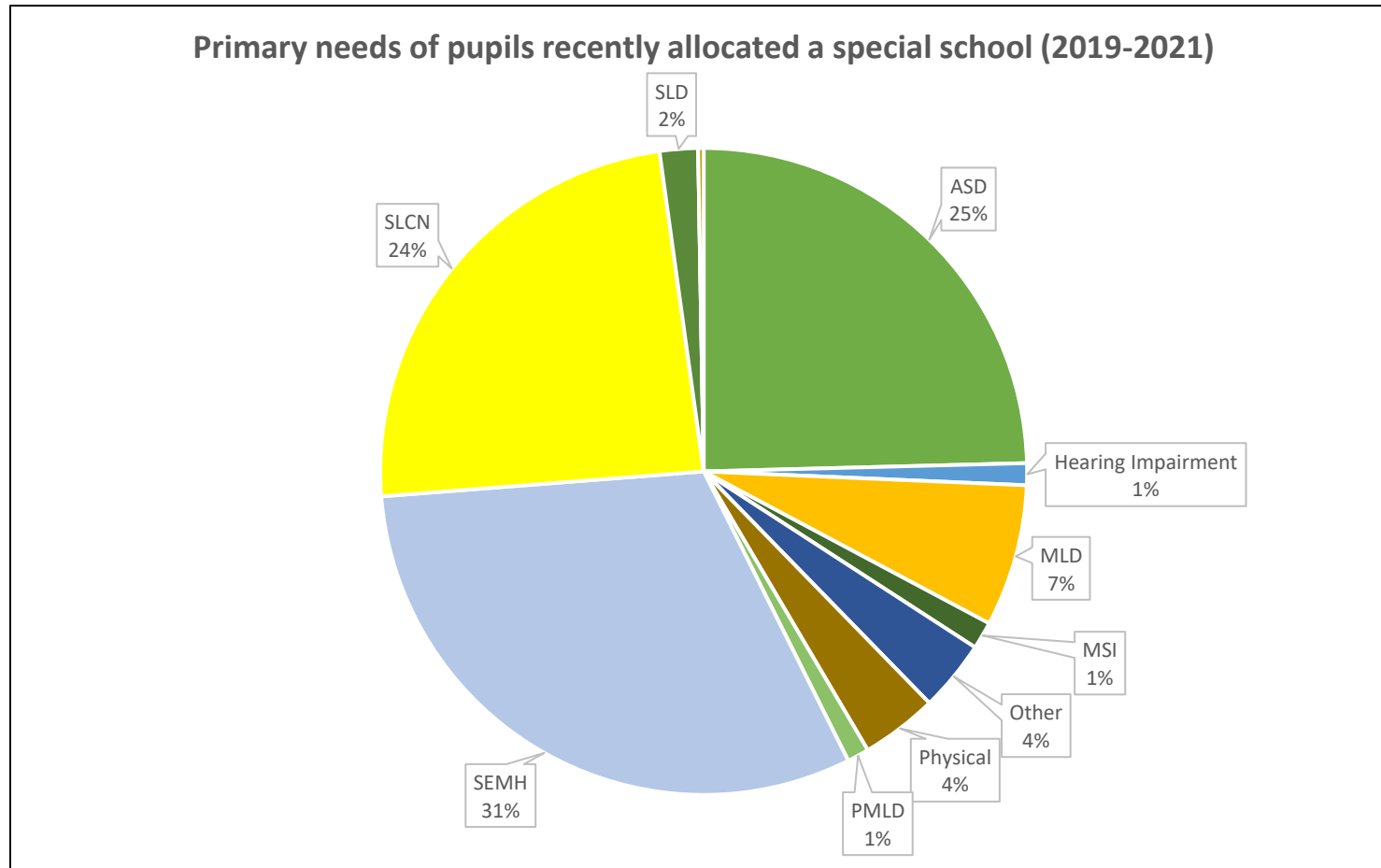


# Special school forecasts

Forecasts for Total special school demand v supply

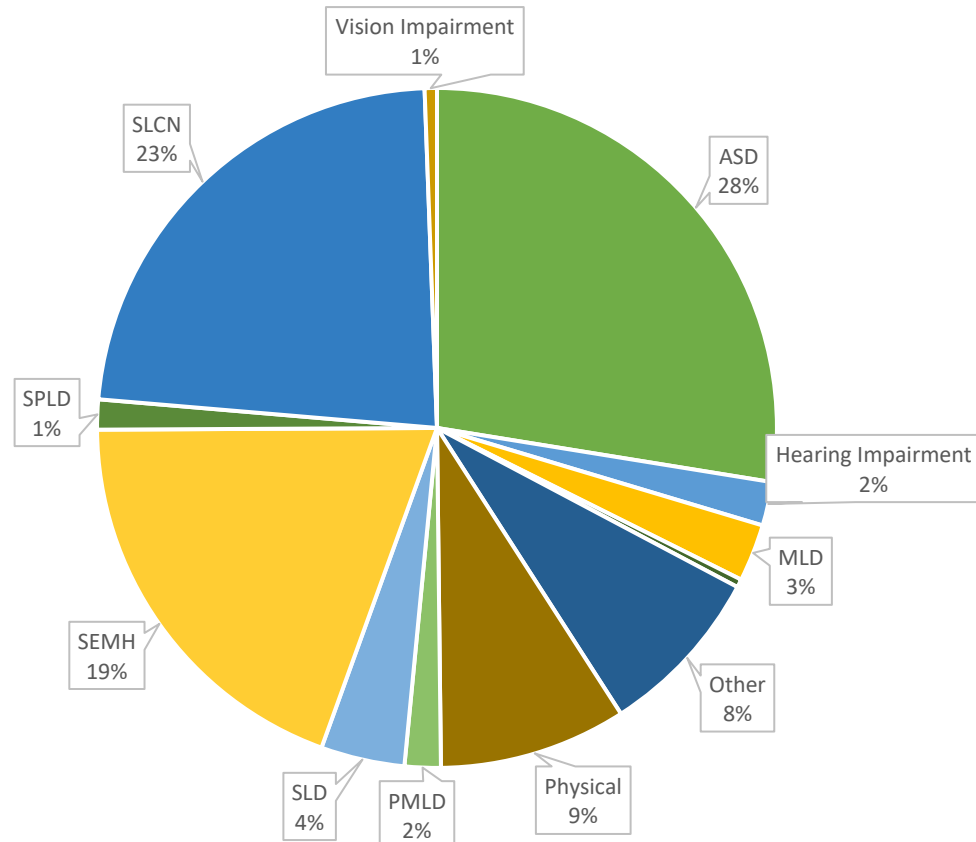


# Distribution of new EHCP allocations to special schools 2019-2021

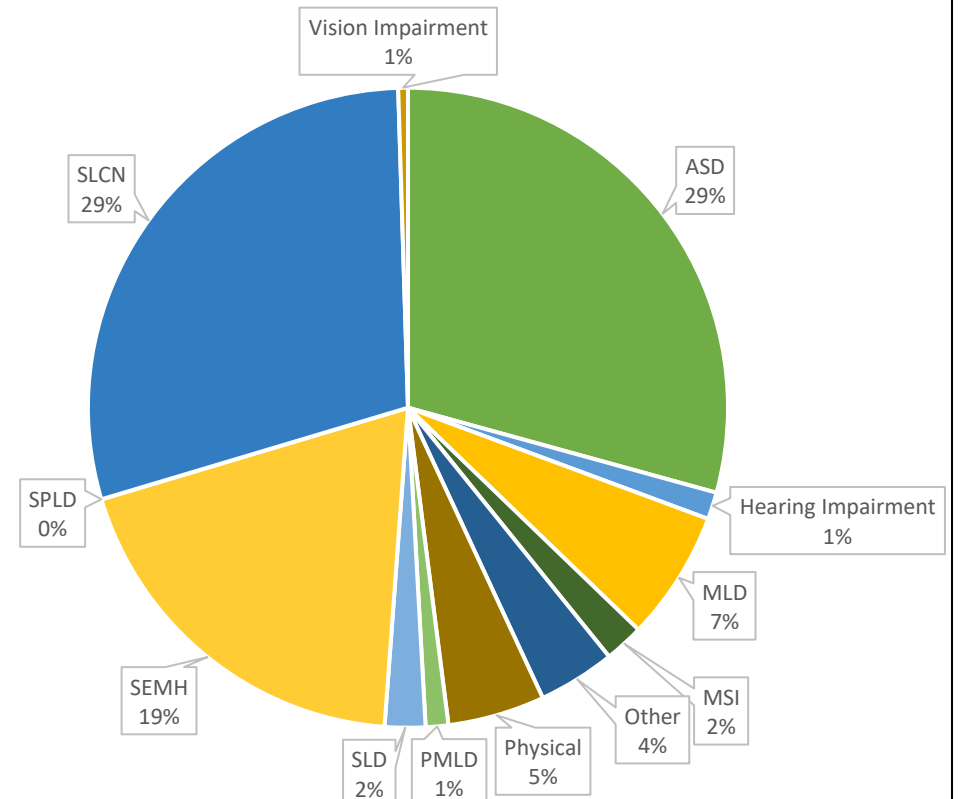


# Primary needs of special school pupils

Distribution of special school primary needs 2021-22



Forecasted distribution of special school primary needs 2031-32



# Special school primary need forecasts

Forecasted special school demand by primary need

Primary need	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Autistic Spectrum Disorder (ASD)	384	393	397	405	418	420	427	428	424	422	416
Hearing Impairment (HI)	29	26	23	23	21	20	20	19	19	19	19
Moderate Learning Difficulty (MLD)	38	50	59	67	74	79	84	86	89	91	92
Multi-Sensory Impairment (MSI)	5	8	11	13	16	19	21	23	25	27	28
Other Difficulty/Disability (OTH)	114	101	86	76	69	65	61	59	57	56	55
Physical Disability (PD)	124	122	116	108	104	100	94	86	79	73	70
Profound & Multiple Learning Difficulty (PMLD)	24	24	22	22	22	21	21	20	19	18	16
Severe Learning Difficulty (SLD)	56	51	44	42	41	38	38	35	32	31	29
Social, Emotional & Mental Health (SEMH)	271	292	304	308	307	297	290	286	278	271	264
Specific Learning Difficulty (SPLD)	20	17	13	11	7	6	4	2	1	0	0
Speech, Language and Communication Needs (SLCN)	322	336	358	368	383	393	402	410	412	418	414
Visual Impairment (VI)	8	5	5	5	5	6	6	6	6	7	7
<b>Totals</b>	<b>1395</b>	<b>1426</b>	<b>1437</b>	<b>1447</b>	<b>1466</b>	<b>1464</b>	<b>1467</b>	<b>1459</b>	<b>1441</b>	<b>1432</b>	<b>1411</b>

# 2022-23 Special school primary need NCY forecasts

Primary need	NCY 0	NCY 1	NCY 2	NCY 3	NCY 4	NCY 5	NCY 6	NCY 7	NCY 8	NCY 9	NCY 10	NCY 11	NCY 12	NCY 13	NCY 14	Total all NCY
Autistic Spectrum Disorder (ASD)	3	26	31	29	30	34	36	26	34	24	32	42	16	13	14	<b>393</b>
Hearing Impairment (HI)	0	1	1	1	1	1	2	2	2	4	1	4	3	1	2	<b>26</b>
Moderate Learning Difficulty (MLD)	1	4	6	1	3	2	6	5	5	5	2	3	2	3	2	<b>50</b>
Multi-Sensory Impairment (MSI)	1	3	2	0	0	1	1	0	0	0	0	0	0	0	0	<b>8</b>
Other Difficulty/Disability (OTH)	1	3	4	6	1	6	2	8	9	14	7	9	6	12	13	<b>101</b>
Physical Disability (PD)	0	5	7	3	8	13	12	14	9	12	11	9	4	8	6	<b>122</b>
Profound & Multiple Learning Difficulty (PMLD)	0	0	2	2	2	1	3	2	3	1	0	1	2	2	2	<b>24</b>
Severe Learning Difficulty (SLD)	0	3	2	2	3	4	5	2	5	5	3	5	1	4	8	<b>51</b>
Social, Emotional & Mental Health (SEMH)	0	0	1	3	8	8	16	23	42	28	59	62	32	5	4	<b>292</b>
Specific Learning Difficulty (SPLD)	0	0	0	0	0	0	1	2	1	4	1	2	2	1	2	<b>17</b>
Speech, Language and Communication Needs (SLCN)	9	25	27	33	21	27	24	22	32	27	37	23	11	13	6	<b>336</b>
Visual Impairment (VI)	1	2	0	0	0	0	1	0	0	0	0	0	0	1	1	<b>5</b>
<b>Total</b>	<b>16</b>	<b>72</b>	<b>83</b>	<b>79</b>	<b>77</b>	<b>96</b>	<b>110</b>	<b>107</b>	<b>143</b>	<b>124</b>	<b>154</b>	<b>161</b>	<b>79</b>	<b>64</b>	<b>60</b>	<b>1426</b>

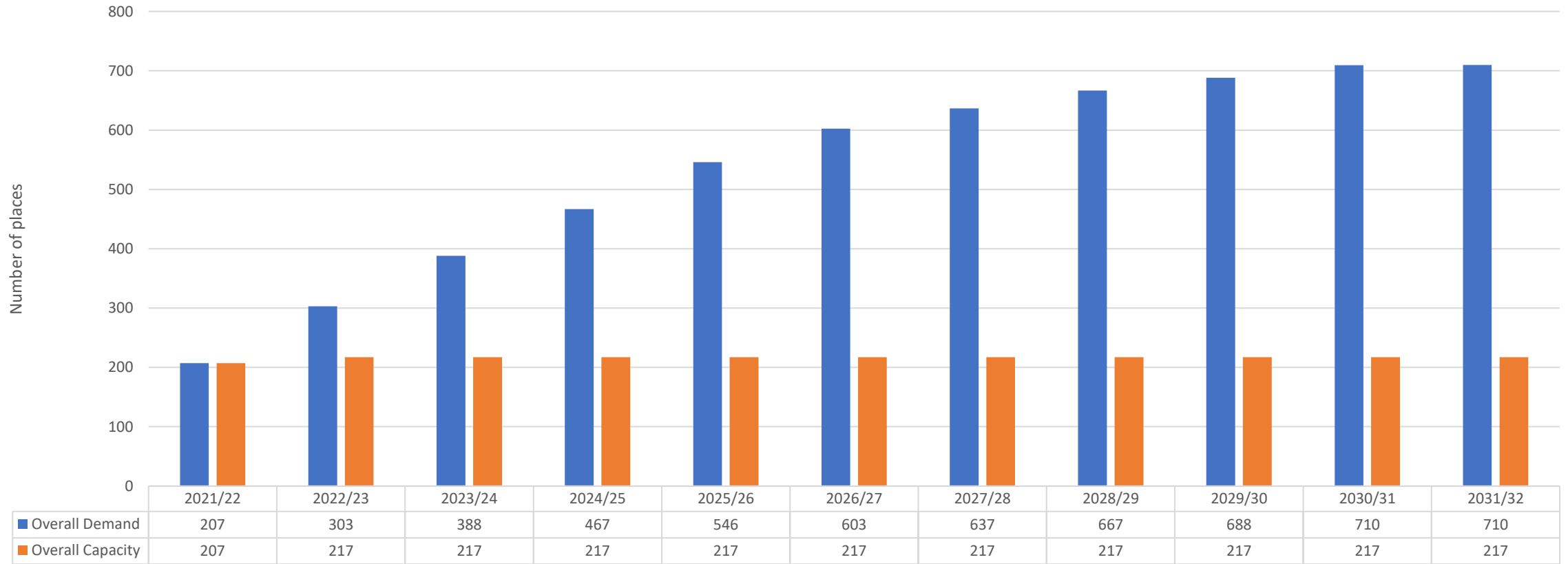
# DSP forecasts





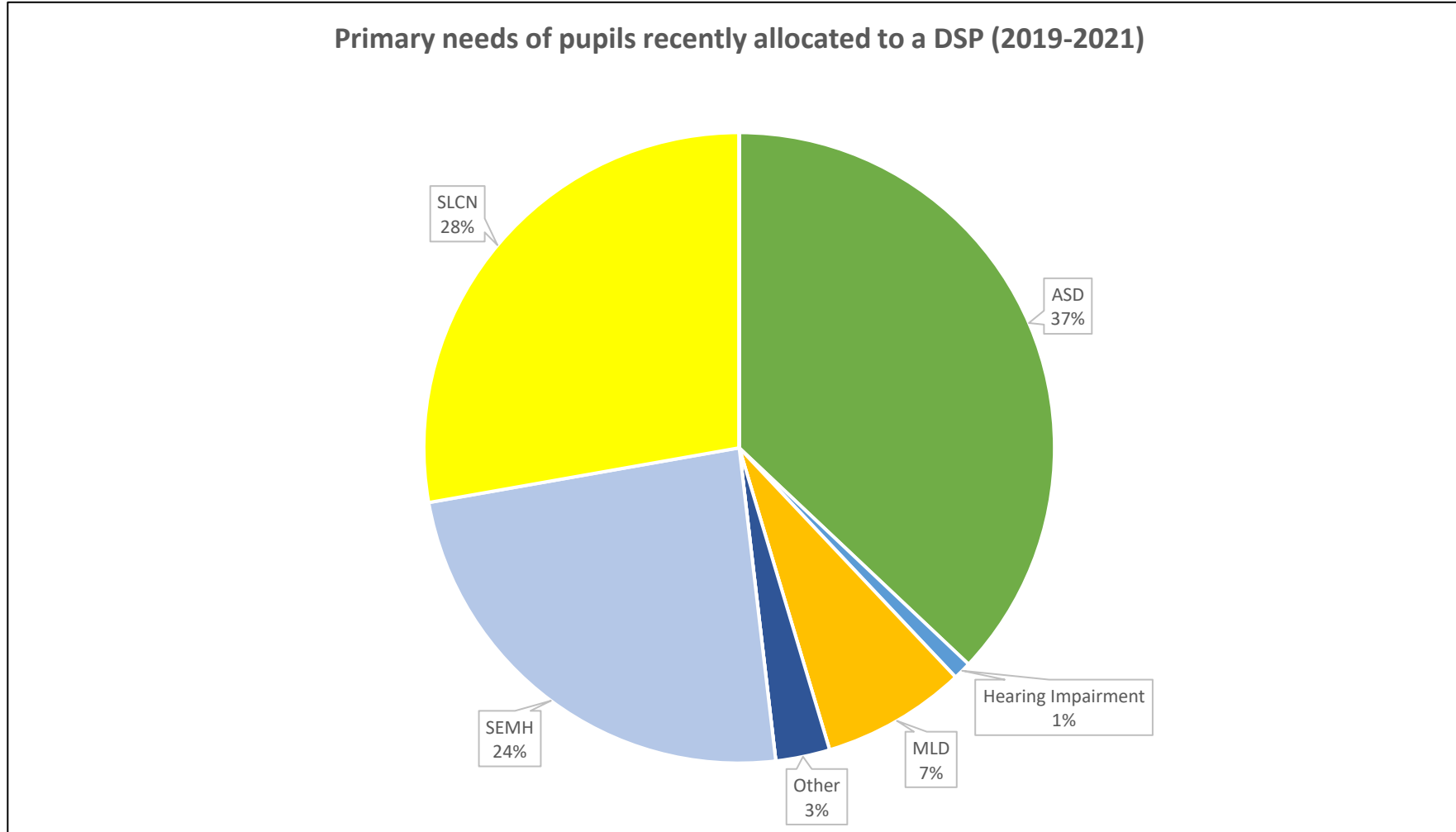
# DSP forecasts

Forecasted DSP demand v supply



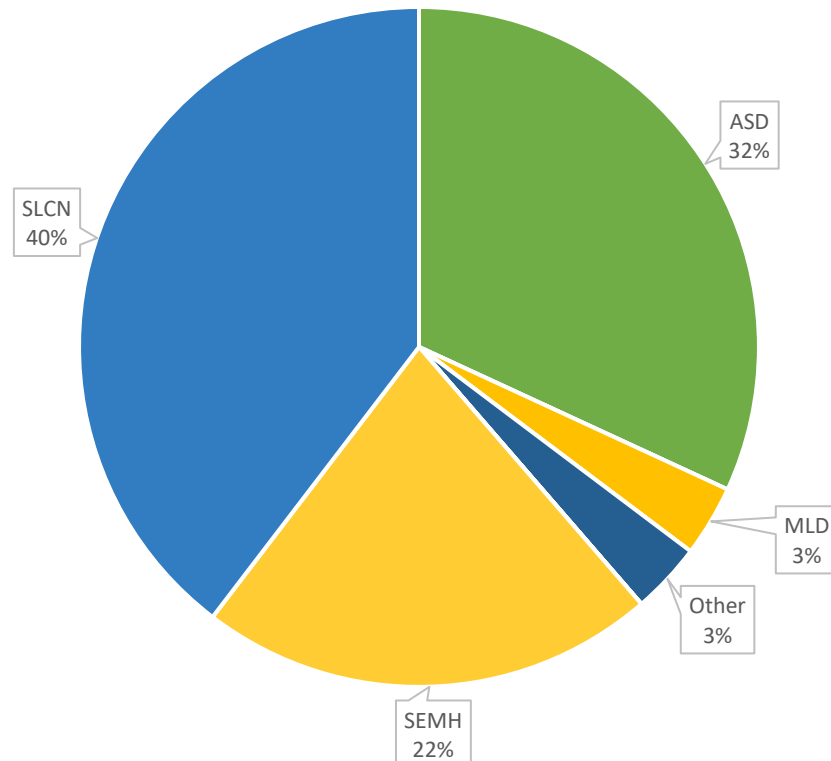
■ Overall Demand ■ Overall Capacity

# Distribution of new EHCP allocations to DSPs 2019-2021

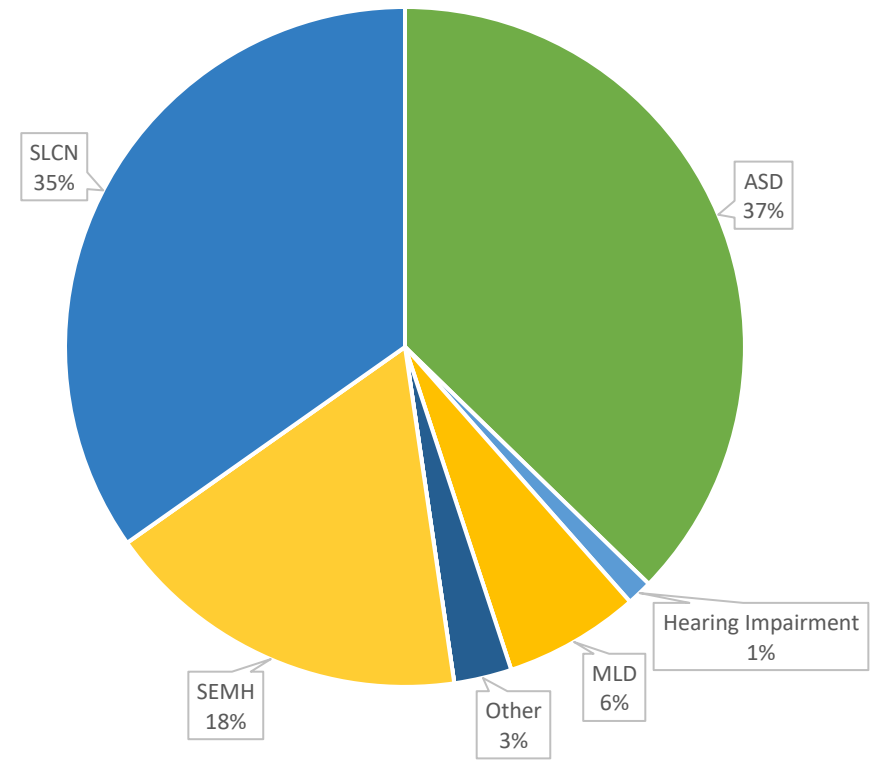


# Primary needs for DSPs

Distribution of DSP primary needs 2021-22



Forecasted distribution of DSP primary needs 2031-32



# DSP primary need forecasts

## Forecasted DSP demand by primary need

Primary need	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Autistic Spectrum Disorder (ASD)	66	102	134	163	190	210	230	245	257	264	265
Hearing Impairment (HI)	0	1	2	3	4	5	5	6	7	8	9
Moderate Learning Difficulty (MLD)	7	15	21	26	31	35	39	42	43	45	46
Multi-Sensory Impairment (MSI)	0	0	0	0	0	0	0	0	0	0	0
Other Difficulty/Disability (OTH)	7	10	13	13	15	16	17	19	19	20	19
Physical Disability (PD)	0	0	0	0	0	0	0	0	0	0	0
Profound & Multiple Learning Difficulty (PMLD)	0	0	0	0	0	0	0	0	0	0	0
Severe Learning Difficulty (SLD)	0	0	0	0	0	0	0	0	0	0	0
Social, Emotional & Mental Health (SEMH)	45	70	90	110	128	139	137	135	130	128	125
Specific Learning Difficulty (SPLD)	0	0	0	0	0	0	0	0	0	0	0
Speech, Language and Communication Needs (SLCN)	82	106	129	152	178	198	209	220	232	245	247
Visual Impairment (VI)	0	0	0	0	0	0	0	0	0	0	0
<b>Totals</b>	<b>207</b>	<b>303</b>	<b>388</b>	<b>467</b>	<b>546</b>	<b>603</b>	<b>637</b>	<b>667</b>	<b>688</b>	<b>710</b>	<b>710</b>

# 2022-23 DSP primary need NCY forecasts

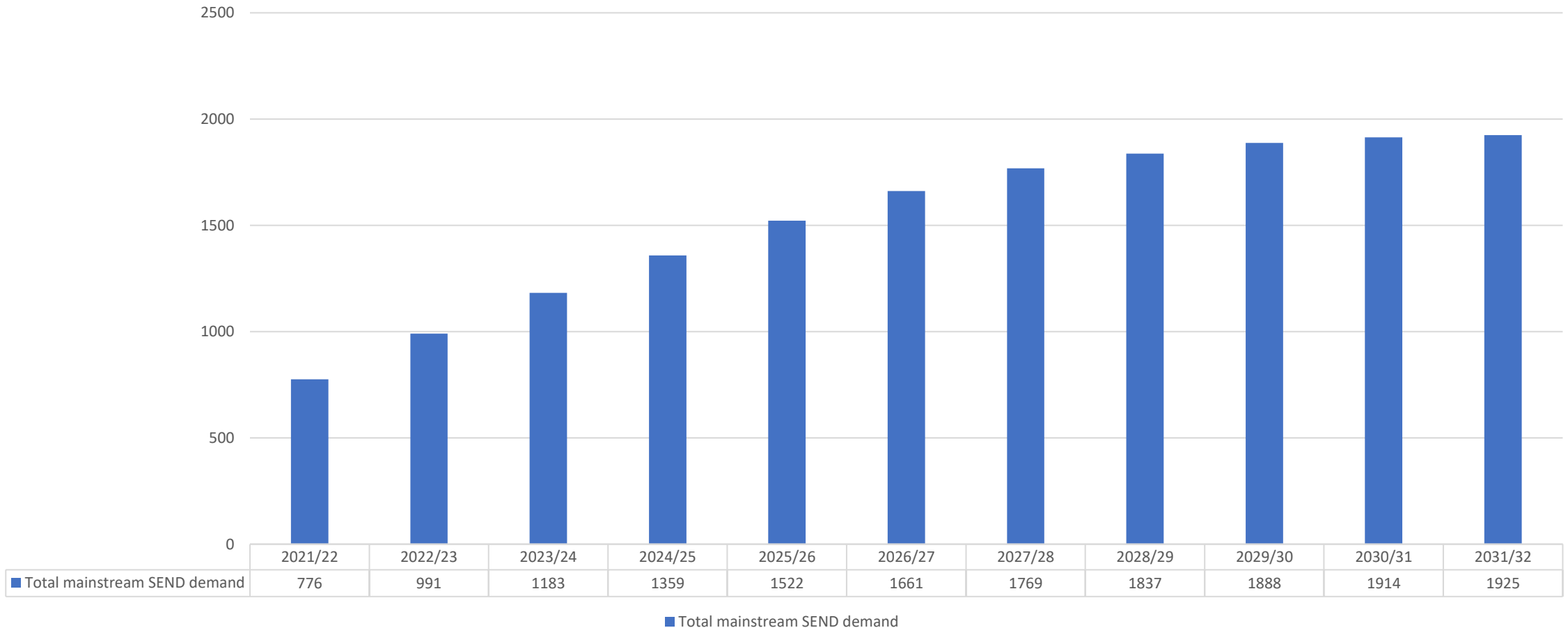
Primary need	NCY 0	NCY 1	NCY 2	NCY 3	NCY 4	NCY 5	NCY 6	NCY 7	NCY 8	NCY 9	NCY 10	NCY 11	Total all NCY
Autistic Spectrum Disorder (ASD)	3	10	14	13	9	7	11	9	12	6	5	4	<b>102</b>
Hearing Impairment (HI)	0	1	0	0	0	0	0	0	0	0	0	0	<b>1</b>
Moderate Learning Difficulty (MLD)	0	1	3	1	1	2	1	1	1	1	2	1	<b>15</b>
Multi-Sensory Impairment (MSI)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Other Difficulty/Disability (OTH)	0	1	0	1	1	1	0	1	2	1	2	0	<b>10</b>
Physical Disability (PD)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Profound & Multiple Learning Difficulty (PMLD)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Severe Learning Difficulty (SLD)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Social, Emotional & Mental Health (SEMH)	0	0	1	2	4	9	13	20	10	5	4	3	<b>70</b>
Specific Learning Difficulty (SPLD)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
Speech, Language and Communication Needs (SLCN)	4	11	20	16	6	9	12	15	6	0	4	4	<b>106</b>
Visual Impairment (VI)	0	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>
<b>Total</b>	<b>7</b>	<b>23</b>	<b>37</b>	<b>33</b>	<b>21</b>	<b>28</b>	<b>36</b>	<b>46</b>	<b>31</b>	<b>13</b>	<b>17</b>	<b>12</b>	<b>303</b>

# Mainstream with EHCP forecasts

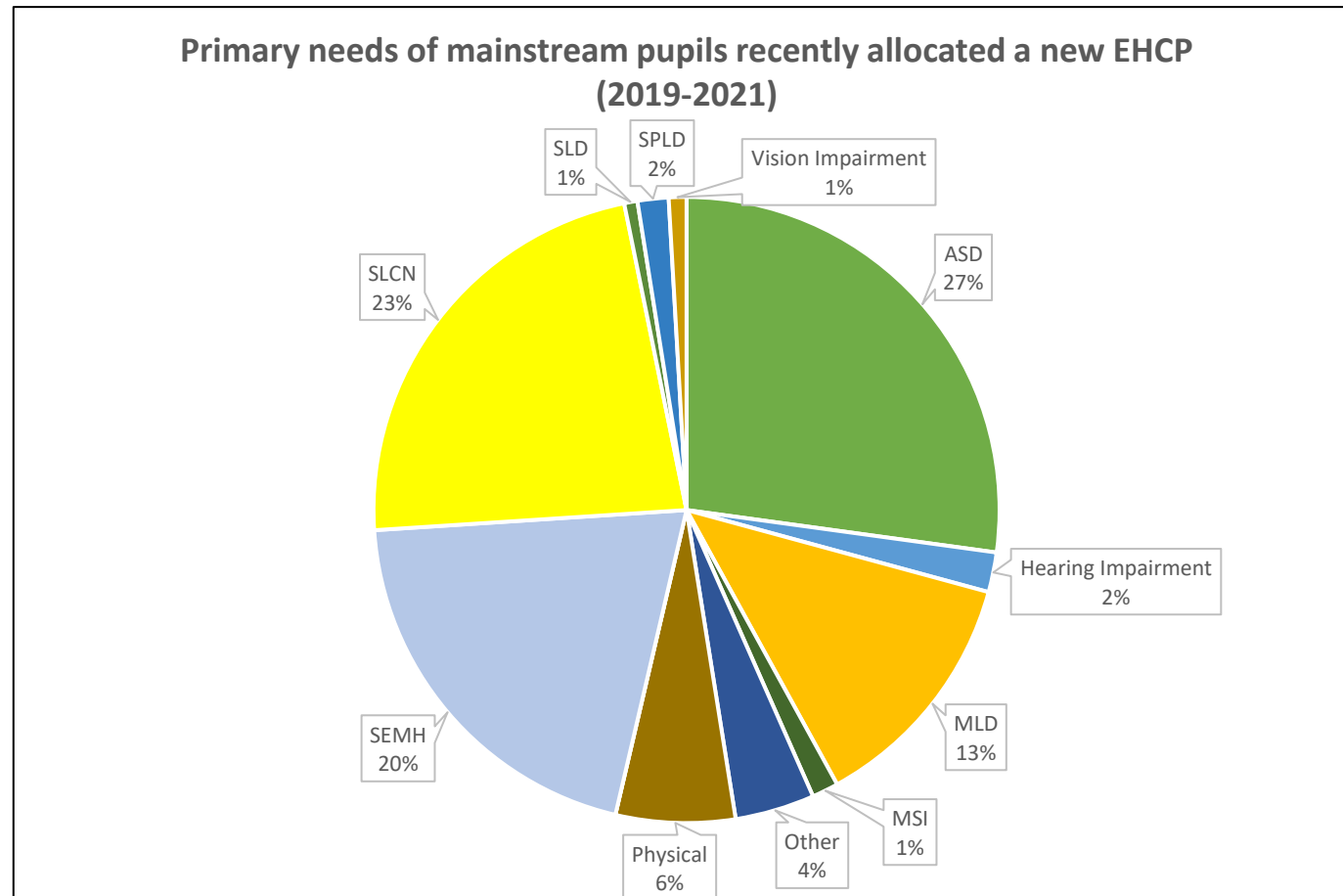


# Mainstream with EHCP forecasts

Forecasts for Total mainstream SEND with EHCP demand



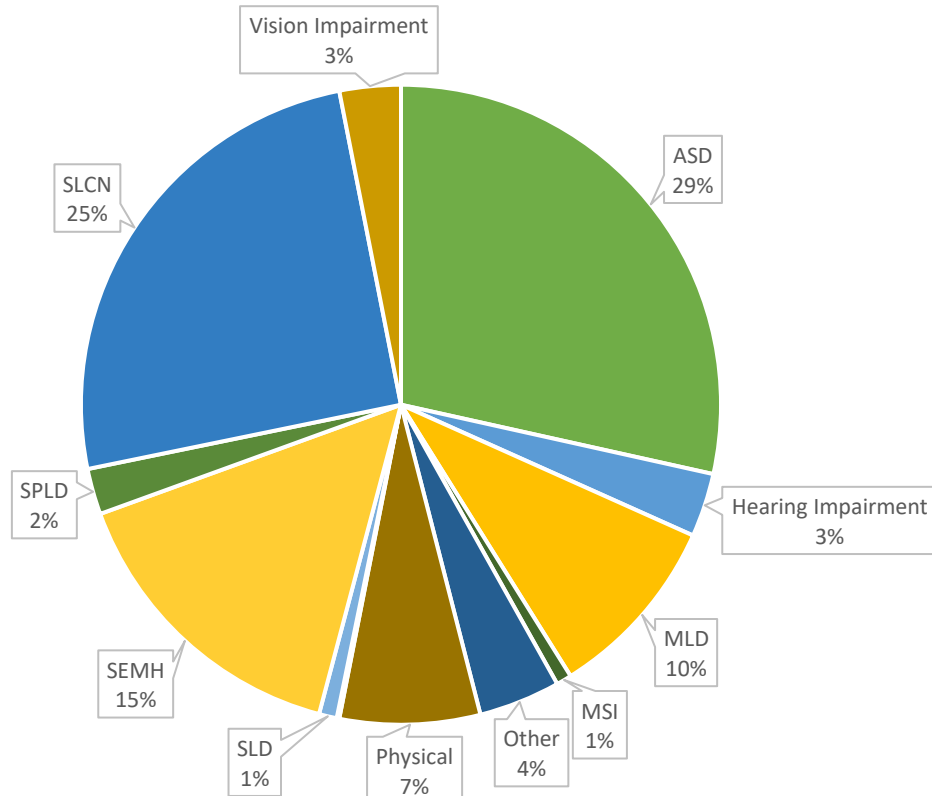
# Distribution of new EHCP allocations to mainstream EHCP pupils 2019-2021



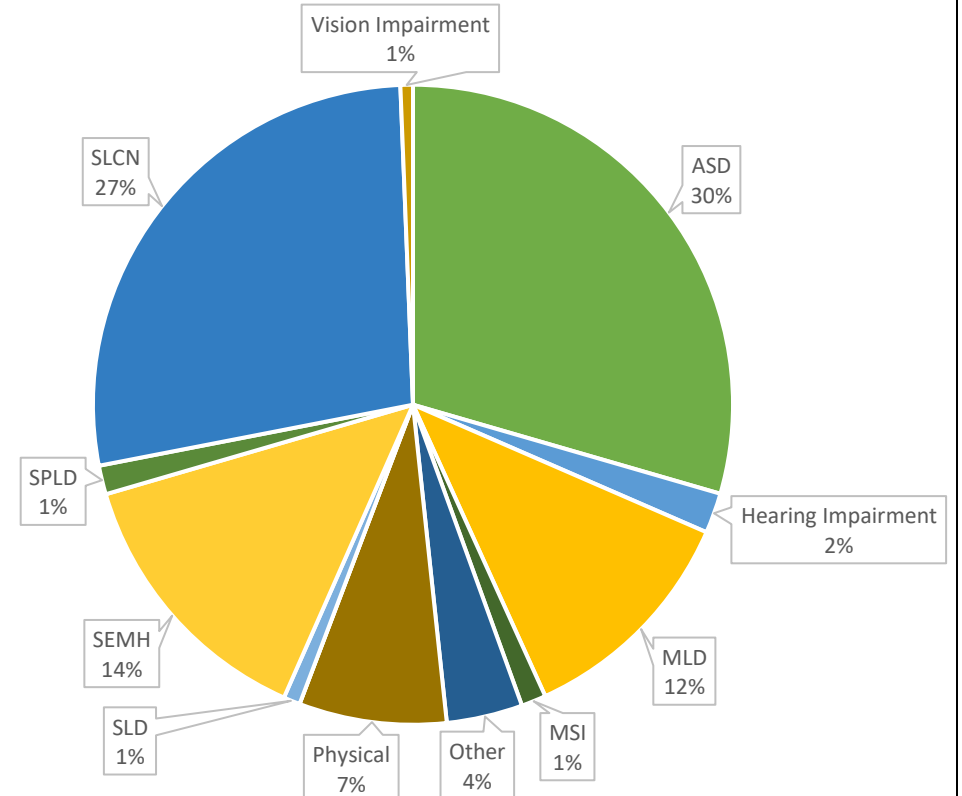


# Primary needs for mainstream EHCP pupils

Distribution of the primary needs of mainstream pupils with EHCPs 2021-22



Distribution of the primary needs of mainstream pupils with EHCPs 2031-32



# Mainstream with EHCP primary need forecasts

## Forecasted mainstream SEND demand by primary need

Primary need	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Autistic Spectrum Disorder (ASD)	221	282	342	390	438	484	517	538	555	564	568
Hearing Impairment (HI)	25	29	31	32	34	34	36	36	37	38	39
Moderate Learning Difficulty (MLD)	73	106	133	157	180	199	210	217	223	225	225
Multi-Sensory Impairment (MSI)	6	10	11	14	15	17	19	20	22	23	24
Other Difficulty/Disability (OTH)	32	39	48	56	61	66	69	71	72	74	74
Physical Disability (PD)	55	71	85	99	111	121	130	138	142	143	143
Profound & Multiple Learning Difficulty (PMLD)	1	1	1	1	1	1	1	0	0	0	0
Severe Learning Difficulty (SLD)	7	9	10	11	12	13	14	15	16	15	16
Social, Emotional & Mental Health (SEMH)	119	159	190	218	241	255	267	271	275	272	267
Specific Learning Difficulty (SPLD)	18	20	22	25	28	29	30	28	28	27	28
Speech, Language and Communication Needs (SLCN)	195	241	288	338	381	424	459	485	505	516	528
Visual Impairment (VI)	24	25	20	19	19	19	18	18	15	14	12
<b>Totals</b>	<b>776</b>	<b>991</b>	<b>1183</b>	<b>1359</b>	<b>1522</b>	<b>1661</b>	<b>1769</b>	<b>1837</b>	<b>1888</b>	<b>1914</b>	<b>1925</b>

# 2022-23 Mainstream with EHCP primary need NCY forecasts

Primary need	NCY 0	NCY 1	NCY 2	NCY 3	NCY 4	NCY 5	NCY 6	NCY 7	NCY 8	NCY 9	NCY 10	NCY 11	NCY 12	NCY 13	NCY 14	Total all NCY
Autistic Spectrum Disorder (ASD)	9	30	28	29	29	28	32	25	16	18	22	7	4	4	0	282
Hearing Impairment (HI)	2	4	1	1	0	1	3	1	4	3	5	4	0	0	0	29
Moderate Learning Difficulty (MLD)	1	9	9	8	9	9	14	15	8	7	9	7	1	1	0	106
Multi-Sensory Impairment (MSI)	1	2	2	1	0	0	0	0	1	1	1	1	1	1	0	10
Other Difficulty/Disability (OTH)	0	3	4	4	2	3	3	4	5	5	4	2	1	0	0	39
Physical Disability (PD)	1	7	8	9	10	9	5	5	6	5	3	1	0	1	0	71
Profound & Multiple Learning Difficulty (PMLD)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Severe Learning Difficulty (SLD)	1	2	1	0	2	0	0	0	2	0	1	0	0	1	0	9
Social, Emotional & Mental Health (SEMH)	0	2	5	12	11	11	17	16	23	16	18	20	4	4	0	159
Specific Learning Difficulty (SPLD)	0	1	2	1	2	1	4	2	3	2	1	2	0	0	0	20
Speech, Language and Communication Needs (SLCN)	10	30	30	19	29	28	23	18	14	14	8	10	3	4	0	241
Visual Impairment (VI)	0	0	0	2	1	5	1	2	1	1	3	8	0	0	0	25
<b>Total</b>	<b>25</b>	<b>88</b>	<b>88</b>	<b>86</b>	<b>96</b>	<b>94</b>	<b>103</b>	<b>89</b>	<b>82</b>	<b>72</b>	<b>74</b>	<b>63</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>991</b>

# Totals and summary



# Total forecasted needs across all provision types

## All provision types

Primary need	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32
Autistic Spectrum Disorder (ASD)	671	777	873	958	1046	1115	1174	1211	1235	1251	1248
Hearing Impairment (HI)	54	56	56	58	58	59	62	61	63	65	67
Moderate Learning Difficulty (MLD)	118	171	213	250	285	314	332	345	354	360	363
Multi-Sensory Impairment (MSI)	11	18	22	27	31	36	40	43	47	50	52
Other Difficulty/Disability (OTH)	153	151	147	145	145	146	147	149	148	151	149
Physical Disability (PD)	179	192	201	207	214	221	224	224	221	216	213
Profound & Multiple Learning Difficulty (PMLD)	25	25	23	23	23	22	22	20	19	18	16
Severe Learning Difficulty (SLD)	63	60	54	52	53	51	51	50	48	46	45
Social, Emotional & Mental Health (SEMH)	435	521	585	636	676	690	693	692	683	670	656
Specific Learning Difficulty (SPLD)	38	37	35	36	35	35	33	29	29	28	28
Speech, Language and Communication Needs (SLCN)	599	683	775	857	943	1015	1070	1116	1150	1179	1188
Visual Impairment (VI)	32	30	25	24	24	25	24	24	21	21	19
<b>Totals</b>	<b>2378</b>	<b>2720</b>	<b>3008</b>	<b>3273</b>	<b>3534</b>	<b>3728</b>	<b>3872</b>	<b>3963</b>	<b>4017</b>	<b>4056</b>	<b>4046</b>

# Summary



Initial short-term overall forecasts have been accurate, giving some confidence in the model



However, significant variability in both new EHCP volumes and RAP outcomes means long-term forecasts should be treated with high degree of caution



Switching to EHCPs *agreed* rather than *completed* significantly impacts on overall level of demand



Actual demand will only match forecasts if the agreed number of EHCPs are completed each year