

**Education Scrutiny Commission 24 May 2016**

**Pupil Place Planning and Capital Projects**

**Wards:** All

**Report Authorised by:** Helen Charlesworth May, Strategic Director, Children, Adults and Health

**Portfolio:** Councillor Jane Edbrooke, Lead member for Children's Services

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**Pupil Place Planning Report for 2016/17 to 2022/23**

*Taken from Pupil Place Planning Methodology Guide*

Lambeth Council has a statutory duty to ensure that all school-age children have a high quality school place. In addition Lambeth has had an objective for many years to provide sufficient places locally to minimise travel distances and enable parents to get their child into a school of their preference.

**Pupil Place Planning in Lambeth for 2016/17 to 2022/23**

Pupil projections, or forecasts, in Lambeth are an estimate of future demand for places. They are not an estimate of future school roll as that model tends to rely on recent roll trends rather than changes in population. A better forecast is one which includes expected changes to population and considers historical trends in applications to school. This modelling system therefore demonstrates the number of children who actually need and want a place in a school in Lambeth rather than being constrained to the number of places available.

**Primary Expansions and Planned Admission Number (PAN) changes for schools situated in each Town Centre for Reception starting 2016:**

Brixton	Corpus Christi increased PAN from 52 to 60 Loughborough reduced PAN from 90 to 60 for one year Orchard Primary increased PAN from 25 to 30 St Helen's Catholic increased PAN from 38 to 52 St John's Angell Town expanded another 1FE from 60 to 90
Clapham & Stockwell	Corpus Christi increased PAN from 52 to 60
North Lambeth	Archbishop Sumner created 30 additional places for a 2nd year: this was an unplanned increase decided by the governing body of the school.
Norwood	Paxton expanded a further 1FE from 60 to 90 places
Streatham	Dunraven increased PAN from 56 to 60 places St Leonard's CE expanded 1FE from 30 to 60 places

**Primary Expansions and Planned Admission Number (PAN) changes for schools situated in each Town Centre for Reception starting 2018:**

Brixton	Sudbourne planned expansion from 1.5 to 3FE, 45 to 90 places
Streatham	Telferscot (Ph 2) expansion planned to open for 2FE, 60 places

**Primary Expansions and Planned Admission Number (PAN) changes for schools situated in each Town Centre for Reception starting 2020:**

North Lambeth	Wyvil expansion of 2FE from 60 to 120 places
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In 2015 an external peer review of Lambeth's pupil place planning processes and systems was undertaken. The report (attached) makes three recommendations for Lambeth Council to consider implementing. These are as follows:

- (1) To produce roll-based projections for the primary phase (e.g. using the GLA roll projections) alongside demand based projections.
- (2) To get school place planners to build on the existing good links with the council's Planning and Development Division, to formalise more regular data and intelligence sharing between both sides.
- (3) To get the school place planners to produce an annual report on each year's round of pupil projections, in an accessible format, which can be shared with schools and other partners.

**Primary school demand-based projections**

**Definition of the Reception projections:** The number of applicants for Reception places by residents of Lambeth as a proportion of the estimated rising 5 population of Lambeth

## Estimating the resident rising 5 population

A baseline population estimate known as the PPP Age 4 population estimate is created using a combination of live births, GP registrations and local population mid-year estimates.

The number of children born in the area gives a good idea of upcoming changes in the resident school-age population. The number of children born is not the same as the number still resident in the borough five years later when they need to start school but the trend is a good indicator.

Live births dropped in 2012/13 and again in 2013/14 which led to a drop in the 2016/17 and 2017/18 school-age estimates.

### *The number of live births to Lambeth residents by Town Centre of residence*

Birth year	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
School starting age	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	1,244	1,185	1,202	1,131	1,129	1,106	1,079
Clapham & Stockwell	1,079	1,044	979	1,069	1,021	1,023	999
North Lambeth	679	711	645	658	634	631	621
Norwood	804	812	768	745	770	761	738
Streatham	1,072	1,080	1,050	971	1,035	1,006	983
<b>Total</b>	<b>4,878</b>	<b>4,832</b>	<b>4,644</b>	<b>4,574</b>	<b>4,589</b>	<b>4,527</b>	<b>4,419</b>

Table 1

The number rising 5 and resident within each ward according to ONS is aggregated to Town Centre level. These figures are not available for the years ahead so to estimate a future population the most recent figures for age 4 are used instead of age 5, then age 3 and so on. There is a trend for a reduction in population each year after a child is first registered age 0, so the rolled forward figures have been adjusted down by the average of 5% each year.

### *The estimated number of rising 5 residents in Lambeth by Town Centre of residence*

Birth year	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Age 5 MYE ONS	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	916	906	903	907	902	889	883
Clapham & Stockwell	799	788	758	761	737	717	707
North Lambeth	475	471	464	443	428	413	406
Norwood	677	671	662	665	647	645	636
Streatham	825	812	809	850	844	841	838
<b>Total</b>	<b>3,691</b>	<b>3,647</b>	<b>3,596</b>	<b>3,625</b>	<b>3,558</b>	<b>3,506</b>	<b>3,470</b>

Table 2

The number of children rising 5 who are registered at a GP in Lambeth can give a good guide to the population. Most children are registered at a GP even if they are new to the area since, unlike adults, they are more likely to access GP services.

These figures are not available for the years ahead so to estimate a future population the most recent figures for age 4 are used instead of age 5, then age 3 and so on. There is a trend for a reduction in population each year after a child is first registered age 0, so the rolled forward figures have been adjusted down by the average of 5% each year.

*The number of rising 5s registered with a GP in Lambeth by Town Centre of residence*

Birth year	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
GP Registrations age rising 5	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	978	967	928	913	894	896	871
Clapham & Stockwell	831	810	797	788	786	762	751
North Lambeth	531	515	514	513	502	483	482
Norwood	699	695	687	679	670	676	672
Streatham	782	766	754	747	735	717	691
<b>Total</b>	<b>3,821</b>	<b>3,754</b>	<b>3,679</b>	<b>3,639</b>	<b>3,587</b>	<b>3,533</b>	<b>3,468</b>

Table 3

### Creating the PPP Rising 5 Population Estimate

The three sets of population-based estimates are combined in the form of a weighted average to create the PPP (Pupil Place Planning) estimate for the rising 5 population.

Rising 5 population estimate =  $\frac{\text{GP Registrations (5)} + \text{MYE (4)} + \text{Live births (1)}}{10}$

10

The purpose of using this particular weighting is because GP registrations are closest to the actual number of applications, followed by MYE followed by live births of which only around 72% become applications for places.

This estimate is used as the baseline for the rest of the model.

*The rising 5 population estimate for Lambeth residents by Town Centre of residence*

Birth year	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Age 5 Population Estimate	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	980	964	945	932	921	914	896
Clapham & Stockwell	842	823	800	804	790	769	757
North Lambeth	524	517	508	501	487	471	467
Norwood	701	697	685	680	671	672	665
Streatham	824	812	801	805	802	789	771
<b>Total</b>	<b>3,870</b>	<b>3,813</b>	<b>3,738</b>	<b>3,721</b>	<b>3,670</b>	<b>3,615</b>	<b>3,557</b>

Table 4

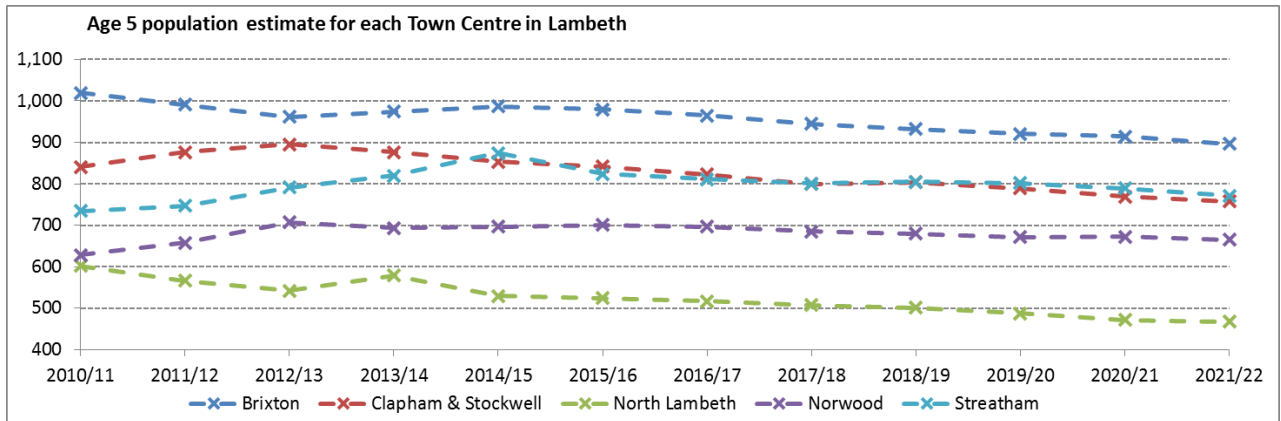


Chart 1

## Applications for School Places

Applications are made to the borough in which the applicant resides regardless of the location of the school they wish to attend.

Since there is a mobile population in Lambeth, there are usually many late and subsequent applications made for Lambeth schools. Applicants can apply for a number of schools, the current system allows up to 6 schools. These are ranked by preference. This will include applicants whose preference was for schools outside of Lambeth, but it is a baseline for potential demand for places by Lambeth residents.

This model relies on determining the number of applicants (rather than applications) for schools from residents of Lambeth so that there is a picture of the potential future demand.

An application is included here if it is:

- For a child within the age range of Reception class for the given year – i.e. becoming age 5 within that school year.
- For a child resident in Lambeth regardless of whether their preference is for a school in Lambeth.
- Made within the school year prior to the year which the child will start in Reception class i.e. up to 31<sup>st</sup> August of the same year they start school.

*The number of residents of each Town Centre in Lambeth who applied for and were offered a place in a Reception class in a state school.*

Total Applications	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17
Brixton	867	955	862	865	903	826	802
Clapham & Stockwell	650	776	768	757	708	679	687
North Lambeth	477	490	513	517	483	451	476
Norwood	528	591	601	609	663	686	630
Streatham	586	673	744	753	789	739	756
<b>Total</b>	<b>3,108</b>	<b>3,485</b>	<b>3,488</b>	<b>3,501</b>	<b>3,546</b>	<b>3,381</b>	<b>3,351</b>

Table 5

The number of applicants each year and from each Town Centre are compared directly with the PPP rising 5 population estimate for that year in the same Town Centre to determine the number of applicants as a proportion of the resident population in that area that year.

*The proportion of the estimated rising 5 population of Lambeth who are expected to need a place in a Reception class*

% applicants	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	91.5%	84.3%	83.2%	84.4%	80.7%	79.8%	77.7%	75.5%
Clapham & Stockwell	82.9%	80.7%	83.5%	83.6%	80.9%	80.5%	80.0%	80.0%
North Lambeth	91.3%	86.0%	92.1%	93.3%	92.2%	91.5%	93.0%	93.6%
Norwood	95.3%	97.9%	90.4%	96.5%	97.7%	100.2%	100.9%	101.1%
Streatham	90.2%	89.7%	93.1%	94.9%	93.5%	93.6%	94.8%	96.0%
<b>Total</b>	<b>90.0%</b>	<b>87.4%</b>	<b>87.9%</b>	<b>89.9%</b>	<b>88.1%</b>	<b>88.2%</b>	<b>88.2%</b>	<b>88.0%</b>

Table 6

This proportion is multiplied by the estimated population (from Table 4) to create the projected number of applicants.

*The projected demand for Reception places by Lambeth residents of each Town Centre*

Demand for Places	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	826	802	798	752	735	711	677
Clapham & Stockwell	679	687	668	650	636	615	606
North Lambeth	451	476	474	461	446	438	438
Norwood	686	630	661	664	672	678	672
Streatham	739	756	760	753	750	748	740
<b>Total</b>	<b>3,381</b>	<b>3,351</b>	<b>3,361</b>	<b>3,280</b>	<b>3,238</b>	<b>3,190</b>	<b>3,133</b>

Table 7

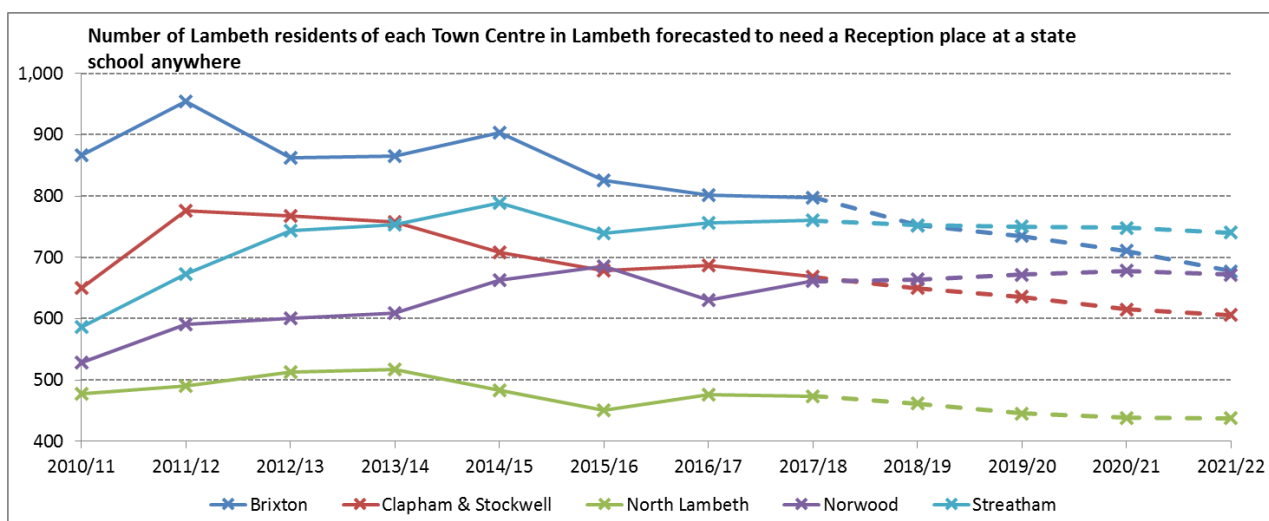


Chart 2

## Secondary roll-based projections

The projections for Secondary schools are primarily based on numbers expected to transfer up from primary schools, but they need to take account of the numbers transferring out of or into Lambeth to/from neighbouring boroughs.

Projections include the agreed expansion at Woodmansterne to become an all-through school with 6FE at year 7 from September 2017. Also included is the Gypsy Hill Federation secondary school which currently has no agreed site but is expected to be accepting 8FE at Year 7 from September 2017.

**Definition of the Year 7 projections:** The number of pupils on roll in Year 7 at a secondary school in Lambeth as a proportion of Year 6 pupils on roll in a Lambeth primary school.

In Lambeth around 83% of pupils in Year 6 in Lambeth primary schools have become pupils in Year 7 in Lambeth secondary schools. This is known as the transfer rate and it is a net effect as some will move to other boroughs or to private schools and others will come into Lambeth from elsewhere.

Currently, approximately 500 pupils who are resident in Lambeth and attend a Lambeth primary school go out of borough at secondary. Meetings with neighbouring boroughs tell us that there is a bulk of Year 7 pupils coming into the secondary schools. Many neighbouring boroughs are running out of secondary school places so Lambeth anticipate that by 2017/18 a greater proportion of the Year 6 residents who would usually go out of borough for secondary school may stay in Lambeth.

*The net percentage of the cohort who remain in the same cohort*

% in-year change	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Y6-Y7	-21.3%	-19.6%	-21.0%	-20.9%	-20.7%	-20.6%	-20.8%	-20.8%	-20.7%

Table 10

There are 4 different scenarios which are modelled for secondary projections:

- ☞ **Model 1** – Assumes that the transfer rate will remain on the current trend.
- ☞ **Model 2** – Assumes an increasing transfer rate of 2 percentage points every year.
- ☞ **Model 3** – Assumes an increasing transfer rate growing to 100% by 2018/19 then growing 1 percentage point each year.
- ☞ **Model 4** – Assumes an increasing transfer rate growing to 100% by 2018/19 then growing 2 percentage points each year.

A weighted average (4:3:2:1 for scenarios 4, 3, 2, 1) produces a transfer rate which can be applied to the Year 6 forecasts from Table 9.

*The net proportion of pupils forecasted to transfer from Year 6 to Year 7 in Lambeth schools*

Projected pupils	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Model 1	78.7%	80.4%	79.0%	79.1%	79.3%	79.4%	79.2%	79.2%	79.3%
Model 2	78.7%	80.4%	81.0%	81.1%	81.3%	81.4%	81.2%	81.2%	81.3%
Model 3	78.7%	80.4%	88.8%	94.4%	100.0%	101.0%	102.0%	103.0%	104.0%
Model 4	78.7%	80.4%	88.8%	94.4%	100.0%	102.0%	104.0%	106.0%	108.0%
<b>Weighted Average</b>	<b>78.7%</b>	<b>80.4%</b>	<b>86.3%</b>	<b>90.2%</b>	<b>94.2%</b>	<b>95.3%</b>	<b>96.4%</b>	<b>97.5%</b>	<b>98.6%</b>

Table 11

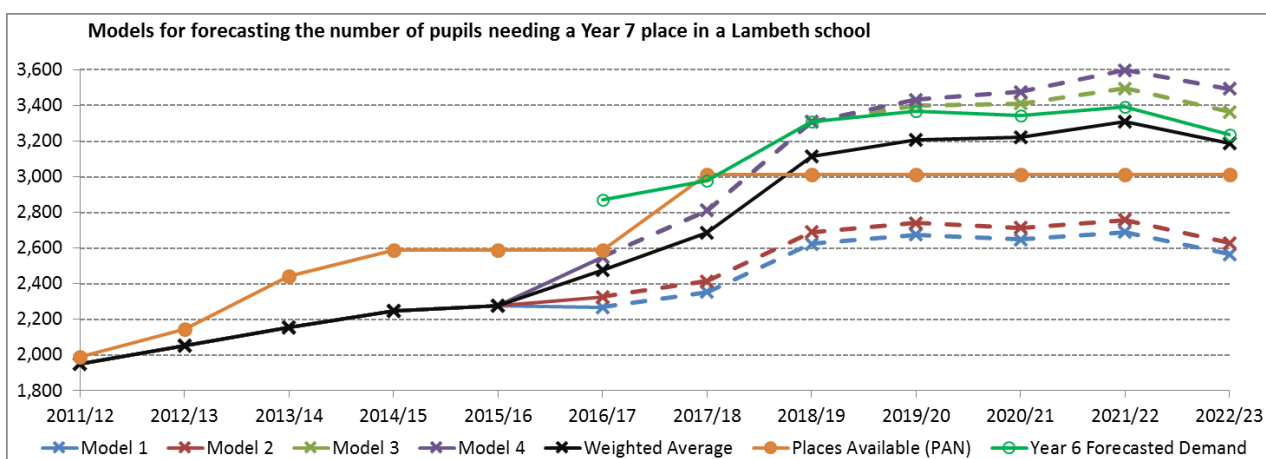


Chart 3

**Child Yield**

These projections are a good indicator of demand for places in Lambeth but local large-scale developments in the borough are likely to have an impact on the population. This is known as Child Yield. A formula is applied to known planned housing development data which determines, for each size and tenure of potential units, the number of children of each age group likely to arise from these each year. The formula is created from analysis of the difference in the size of the resident population between the Population Census of 2001 and 2011 which directly result from new developments.

The known developments included in these calculations are correct at April 2016 and include net additional units from large sites and from an assumption of small sites and reuse of vacant units.

*The number of additional residents aged 4 as a result of known developments in Lambeth*

Age 4 Child Yield	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Brixton	4.9	14.6	17.7	6.3	9.6	11.9	5.3
Clapham & Stockwell	7.5	5.4	6.9	14.7	22.3	14.7	8.6
North Lambeth	26.1	26.4	33.7	41.6	35.0	25.8	19.3
Norwood	2.8	2.3	2.3	2.6	4.3	6.0	4.0
Streatham	3.0	10.6	3.6	3.0	3.0	3.7	3.0
<b>Total</b>	<b>44.3</b>	<b>59.2</b>	<b>64.1</b>	<b>68.2</b>	<b>74.2</b>	<b>62.2</b>	<b>40.2</b>

Table 16



*The number of additional residents aged 11 as a result of known developments in Lambeth*

Age 11 Child Yield	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Brixton	4.7	13.8	16.8	6.0	9.1	11.3	5.0
Clapham & Stockwell	7.1	5.1	6.5	13.9	21.1	13.9	8.2
North Lambeth	24.8	25.1	32.0	39.5	33.2	24.5	18.3
Norwood	2.6	2.1	2.1	2.4	4.1	5.7	3.8
Streatham	2.9	10.0	3.4	2.9	2.9	3.6	2.9
<b>Total</b>	<b>42.0</b>	<b>56.2</b>	<b>60.8</b>	<b>64.7</b>	<b>70.4</b>	<b>59.0</b>	<b>38.2</b>

Table 17

Child Yield is added directly to the projected demand (from Tables 7, 9 and 14) to produce the final estimate for the potential demand for Reception to Year 11 places.

*The number of residents of each Town Centre who are forecasted to need a Reception place in a state school anywhere - plus the number of age 4 children likely to be added to the population each year as a result of known developments in the Town Centre*

Projected Demand	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	826	807	813	770	741	720	689
Clapham & Stockwell	679	694	673	657	651	637	621
North Lambeth	451	502	500	495	487	473	463
Norwood	686	633	664	666	675	683	678
Streatham	739	759	771	756	753	751	744
<b>Total</b>	<b>3,381</b>	<b>3,395</b>	<b>3,420</b>	<b>3,344</b>	<b>3,307</b>	<b>3,264</b>	<b>3,195</b>

Table 18

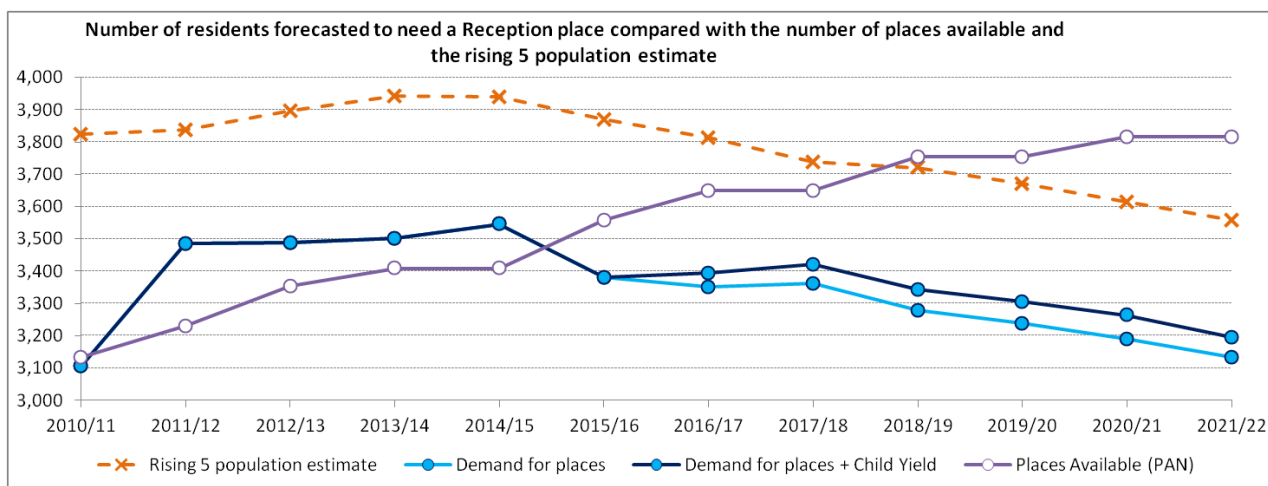


Chart 4

The number of pupils who are forecasted to need a Year 7 place in a Lambeth school - plus the number of children in each age group likely to be added to the population each year as a result of known developments

Demand plus Child Yield	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Y7	2,277	2,519	2,741	3,177	3,274	3,292	3,367	3,227
Y8	2,254	2,150	2,331	2,544	2,959	3,037	3,035	3,098
Y9	2,141	2,154	1,989	2,127	2,328	2,728	2,770	2,756
Y10	1,979	2,112	2,081	1,899	2,018	2,232	2,591	2,617
Y11	1,870	1,898	2,009	1,964	1,794	1,908	2,094	2,421
<b>Total</b>	<b>10,521</b>	<b>10,833</b>	<b>11,151</b>	<b>11,711</b>	<b>12,373</b>	<b>13,197</b>	<b>13,857</b>	<b>14,119</b>

Table 20

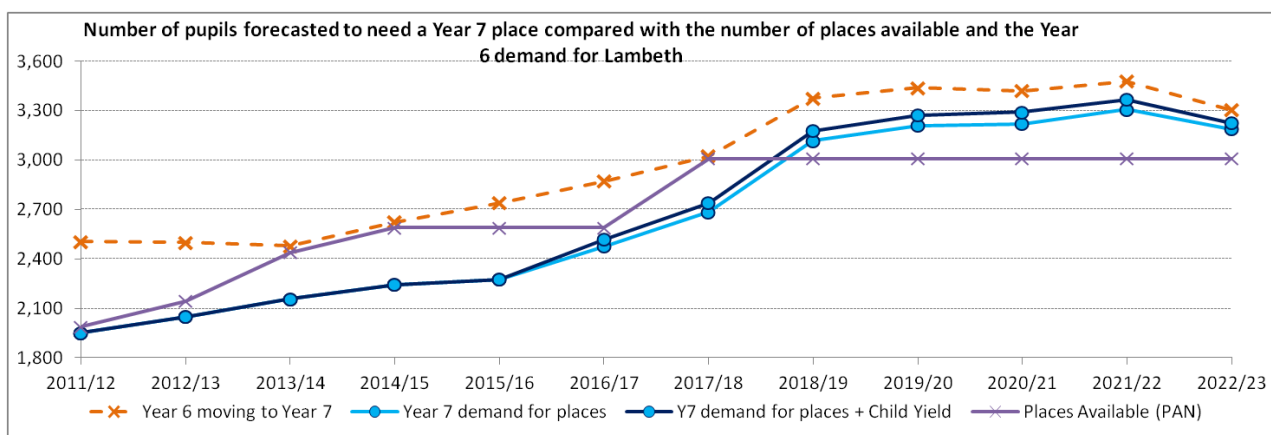


Chart 5

## Spare places or deficit places

The difference between the Planned Admission Number (PAN) and the projected demand is the expected surplus or deficit.

The Reception PANs for schools situated in each Town Centre in Lambeth

Places Available (PAN)	Including bulge classes, expansions and new schools				Planned as at January 2016			
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Brixton	850	850	880	907	937	982	982	982
Clapham & Stockwell	765	770	770	770	770	770	770	770
North Lambeth	657	623	653	653	623	623	623	683
Norwood	450	450	480	510	510	510	510	510
Streatham	687	716	776	810	810	870	870	870
<b>Total</b>	<b>3,409</b>	<b>3,409</b>	<b>3,559</b>	<b>3,650</b>	<b>3,650</b>	<b>3,755</b>	<b>3,755</b>	<b>3,815</b>

Table 21

*The number of surplus places in Reception classes in Lambeth schools situated within each Town Centre if residents of each Town Centre needing a place in a state school take a place in a school in their Town Centre*

Surplus Places	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
Brixton	-53	54	100	124	212	241	262	293
Clapham & Stockwell	62	91	76	97	113	119	133	149
North Lambeth	140	202	151	123	128	136	210	220
Norwood	-213	-206	-123	-154	-156	-165	-173	-168
Streatham	-73	37	51	39	114	117	119	126
<b>Total</b>	<b>-137</b>	<b>178</b>	<b>255</b>	<b>230</b>	<b>411</b>	<b>448</b>	<b>551</b>	<b>620</b>

Table 22

*The number of surplus places in secondary classes in Lambeth schools - based on the PAN for each cohort at the time they started in Year 7*

Surplus Places	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Y7	313	71	269	-167	-264	-282	-357	-217
Y8	336	440	259	466	51	-27	-25	-88
Y9	299	436	601	463	682	282	240	254
Y10	164	328	509	691	572	778	419	393
Y11	118	245	431	626	796	682	916	589
<b>Total</b>	<b>1,230</b>	<b>1,520</b>	<b>2,069</b>	<b>2,079</b>	<b>1,837</b>	<b>1,433</b>	<b>1,193</b>	<b>931</b>

Table 23

## Availability of Funding

The July 2015 Cabinet paper set out a proposed programme of works for Primary & Secondary expansion commensurate with the identified needs and available funding. At the time this identified the significant need to be in the Secondary sector with the current available funds generally being set aside for the expansion of Woodmansterne to an all-through school with a new 6FE Secondary provision. At the time Secondary expansion was identified as the more immediate priority and feasibility work was put in place to identify potential expansion opportunities within the existing estate.

Lambeth has recently received notification of additional Basic Needs funding in the sum of £11,742,518 and based upon the need referred to above, a programme of works is currently under review, which it is intended will be included, later this year, in a Cabinet Paper detailing Pupil Placed Planning and Capital Projects.

<b>Audit trail</b>				
<b>Consultation</b>				
<b>Name/Position</b>	<b>Lambeth cluster/division or partner</b>	<b>Date Sent</b>	<b>Date Received</b>	<b>Comments in para:</b>
Cathy Twist – Director, Education, Learning and Skills	Children, Adults and Health	23/03/16	16/05/16	

<b>Report history</b>	
<b>Original discussion with Cabinet Member</b>	26.02.16
<b>Report deadline</b>	16.05.16
<b>Date final report sent</b>	16.05.16
<b>Report no.</b>	N/A
<b>Part II Exempt from Disclosure/confidential accompanying report?</b>	No
<b>Key decision report</b>	No
<b>Date first appeared on forward plan</b>	N/A
<b>Key decision reasons</b>	N/A
<b>Background information</b>	
<b>Appendices</b>	Pupil Place Planning Peer Review in Lambeth (Feb 2016)