Nottinghamshire County Council

2016/0198 – Residential Development at King Edward Street Street, Hucknall

Planning to meet increasing demand for school places – the context

The Education Act 1996 dictates that Nottinghamshire County Council has a duty to secure school places for all children of statutory school age who are resident in the county and whose parents want them to be educated in a Nottinghamshire state-funded school. Subsequent Education Acts have built upon this but the obligation placed on local authorities has not changed.

Funding for the provision of additional school places is derived from two sources:

1. An allocation from EFA (Education Funding Agency) to meet demand from the families occupying existing housing stock. Increasing demand on places in this case is a direct result of either rising birth rates or a net inward migration.
2. Developer education contributions which are required to mitigate the impact of new housing developments on infrastructure.

Forecasting the demand for school places – the methodology

The methodology employed by the County Council for forecasting pupil numbers is the same as that used by most other local authorities.

The County Council groups primary schools across the county into 'primary planning areas'.

Population profile data is aggregated to postcode and age group, which enables the numbers of children in each cohort to be mapped against school catchment areas. In turn, this data is aggregated to the primary planning areas. This provides the number of young people living in each planning area organised by National Curriculum Year.

The statutory school census data for an individual school for each of the past 3 years is compared to the corresponding population profile data for the planning area the school is in. This results in a 3 year period percentage intake from the planning area. These 3 percentages are averaged; however, the average is weighted towards the more recent census year.

This percentage is then applied to the appropriate population profile data for the next 5 years to create a first admission and infant to junior prediction for the following 5 years.

There is always a degree of movement into and out of schools throughout the year and this is calculated to produce a 'cohort flux' – for example, losses or gains between one school year and the next. The average cohort flux for each year group over the past 3 years is calculated for the school which is then applied to each cohort projection to predict numbers for the following year.

The same methodology is employed to forecast the demand for secondary school places.

Demographic changes

In line with the underlying national trend, Nottinghamshire has seen an increase in birth rates across the county since 2007. This is reflected in the overall school population but is particularly well illustrated in the numbers of primary age children (Figure 1).

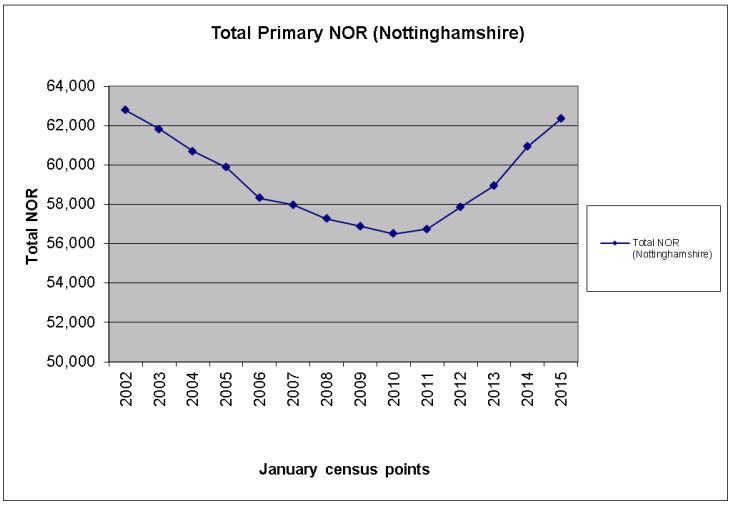


Figure 1 - Total number on roll in mainstream primary schools

The total primary number on roll (NOR) had seen a steady decline in numbers between 2001 and 2010 but subsequent years have seen a sharp increase in total numbers to the school year 2014/15.

The numbers of 4 year olds entering the school system show a sharper increase (Figure 2). Across the whole of the county, the number of 4 year olds began to increase around 2006.

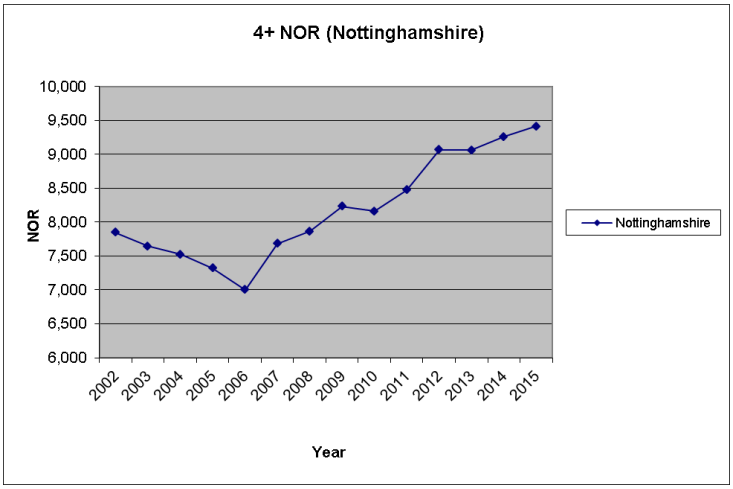


Figure 2 - Total number of children in mainstream schools - reception year

Given the falling rolls of previous years, this sharp increase in numbers of 4 year olds did not impact on the county's overall ability to provide pupil places where they were needed. However, as smaller cohorts of older children are replaced by larger cohorts of young children, pressure on places inevitably increases. Figure 3 shows the cohort profile across the whole county in January 2015.

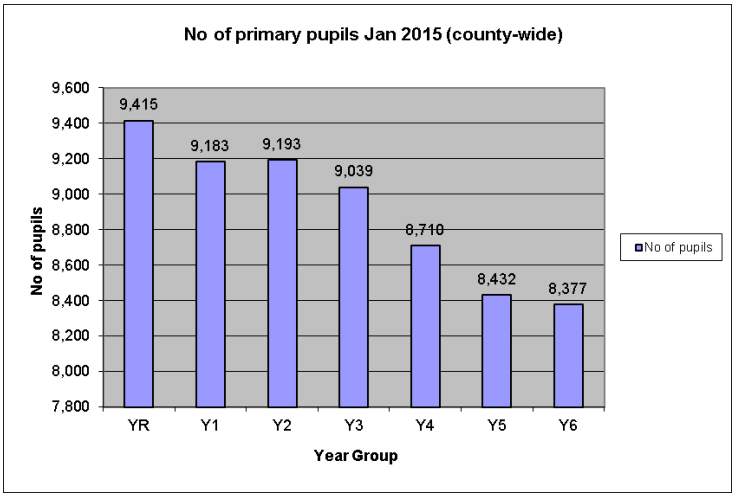


Figure 3 – January 2015 size of cohorts in mainstream schools – Reception to Year 6 – whole county

Meeting expected demand resulting from proposed housing developments

The County Council's consideration of whether or not developer contributions towards education provision are required will be informed by the projected demand for places compared with the known capacity figures. *Seemingly 'spare' capacity at a school does not necessarily equate to there being sufficient capacity at that school as it is a DfE expectation that schools should not operate at more than 90-95% of their capacity and NCC officers consider recent trends in in-year applications to ensure that a school is able, wherever possible, to accommodate the normal movement of families around the area. This does NOT include new families moving into an area as a result of them occupying newly built houses*.

The projected demand for places, taking into account the proposed development, are calculated during the planning application process using the formulae described in the County's planning obligations strategy. This, in turn, is translated into a funding requirement which is again detailed in the strategy as a per pupil place cost. Any costs to be paid to the County Council will be index linked through the Section 106 agreement.

Where a new development is proposed in an area with sufficient projected capacity, no financial contribution will be required; however, where the proposed development would result in insufficient projected capacity, a contribution will be required. There may be a requirement, in some cases, for the provision of a completely new school. This is likely to be the case if the proposed development is in an area where all schools have already been expanded to reach their site capacity, or where the development is large enough to sustain its own school. Where a new school is required, the base level of contribution required will be an appropriate area of land for the required size of school plus the cost of building the school.

If there is insufficient capacity to accommodate the increase in pupils likely to be generated by a development and the development itself cannot enable the necessary provision the County Council will raise objections to the development.

Analysis of the impact of application 2016/0198 – Residential Development at King Edward Street, Hucknall - on the education infrastructure which will serve the development

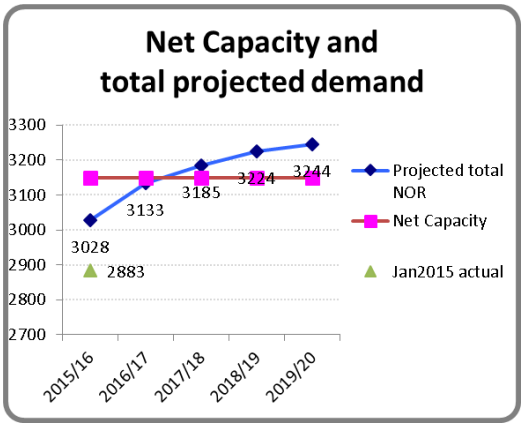
The proposed development is situated within the primary catchment area of Beardall Fields Primary School and the secondary catchment area of Holgate Academy. Although there is no guarantee that all families in the proposed new housing would apply for places in these schools, it is very likely that this will be the case, especially if families are unable to travel far to a school. The mitigation required is based upon this assumption but this is moderated by an analysis of the availability of places at all schools within a reasonable distance of the development which are schools in the primary Hucknall planning area.

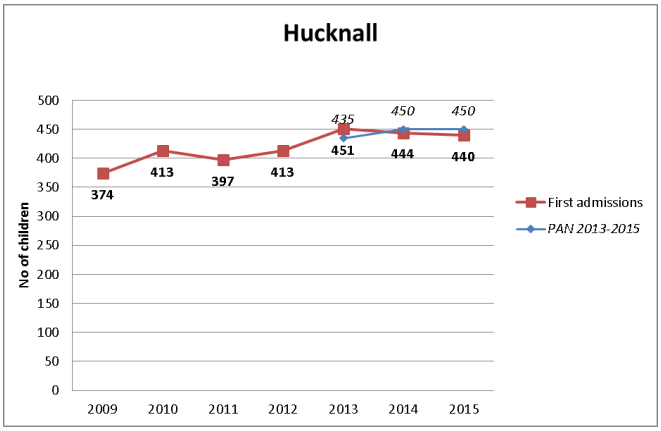
The charts below illustrate:

- the projected total demand for places at each school
- the first admissions places allocated
- the projected demand for places in each cohort for the next 5 years

The total projected demand for places typically masks the pressure on first admissions places in the school resulting from the increased birth rates in recent years.

The Hucknall primary school planning area





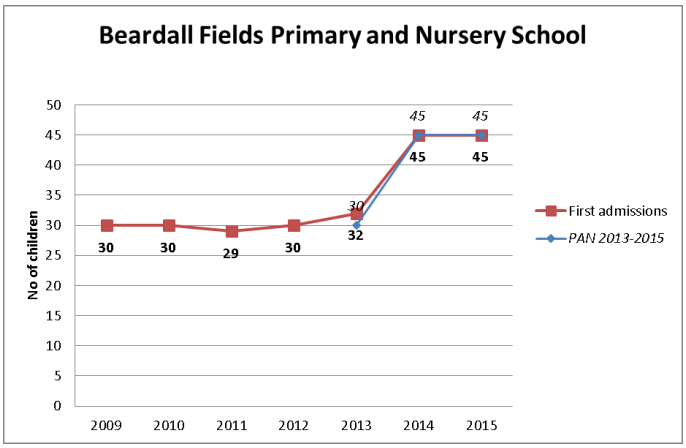
		Projected demand for places - Hucknall									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	447	442	420	399	425	382	368	1309	1574	2883
Projections	2014/15	428	433	420	400	424	375	370	1281	1569	2850
	2015/16	452	446	444	417	419	451	399	1342	1686	3028
	2016/17	449	455	449	427	438	447	468	1353	1780	3133
	2017/18	465	451	457	437	447	465	463	1373	1812	3185
	2018/19	452	466	452	445	456	473	480	1370	1854	3224
	2019/20	457	452	466	438	463	481	487	1375	1869	3244

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

PLEASE NOTE: the above capacities are calculated as if the newly introduced PAN at Beardall Fields Primary is in operation across all cohorts.

Beardall Fields Primary School

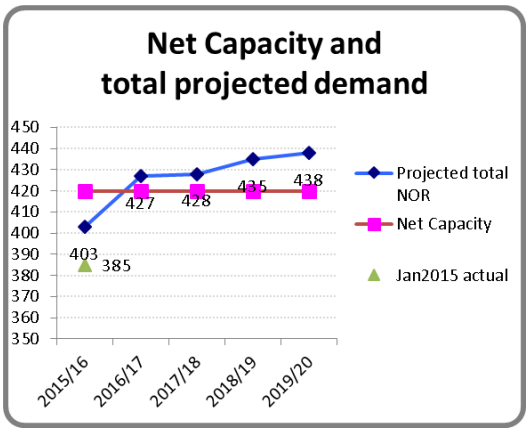
Plese note that this new school is increasing its capacity from September 2015 on. The introduction of a new Published Admission Number, increasing from 30 to 45, has the impact of increasing the capacity of the school by 15 each year until the new PAN is established throughout all cohorts. Plans are in place to increase the capacity further to accommodate the additional children expected from the later phases of the Papplewick Green development – funded by the associated s106 education contributions. NCC is confident that the school will recruit to its next new PAN of 60 as soon as it is introduced.

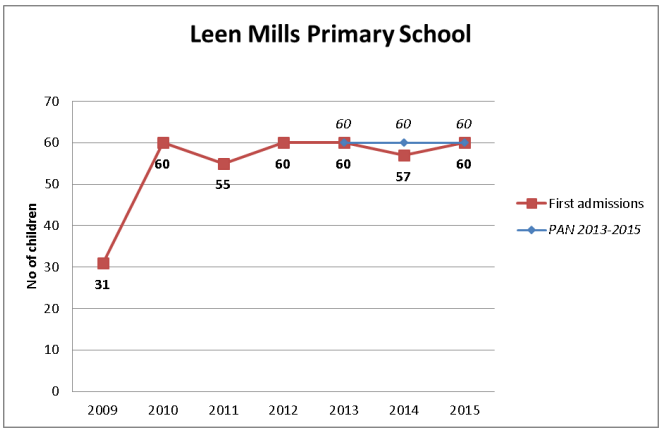


		Projected demand for places - Beardall Fields Primary and Nursery School										
		Year group							Totals			
		R	1	2	3	4	5	6	KS1	KS2	Total	PAN capacity
	Jan 2015 actuals	45	31	29	28	31	32	24	105	115	220	225
Projections	2014/15	31	32	30	31	29	24	23	93	107	200	
	2015/16	45	46	32	30	29	33	33	123	125	248	240
	2016/17	45	46	48	33	31	31	34	139	129	268	255
	2017/18	45	45	47	49	34	33	32	137	148	285	270
	2018/19	45	45	46	48	49	35	33	136	165	301	285
	2019/20	45	46	45	47	48	49	35	136	179	315	300

In the above table, the salmon shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school. The PANs for this school are increasing year-on-year from 30 to 45 as from the first cohort entering the school in September 2015. The calculations above reflect this, as do the comparisons with projected TOTAL NOR compared with the capacity in the respective years.

Leen Mills Primary School

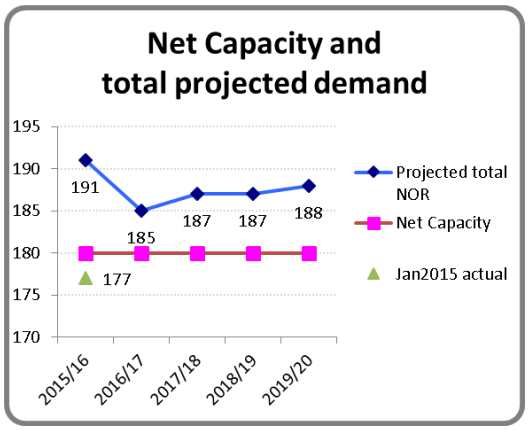


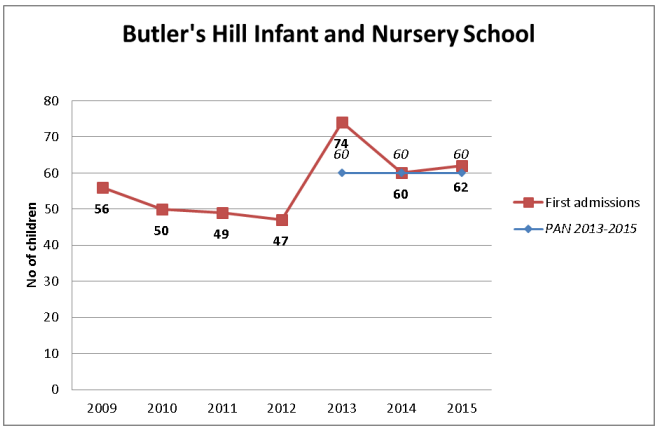


		Projected demand for places - Leen Mills Primary School									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	60	58	59	56	63	42	47	177	208	385
Projections	2014/15	59	59	62	56	69	41	51	180	217	397
	2015/16	61	60	59	61	55	67	40	180	223	403
	2016/17	60	61	61	61	60	59	65	182	245	427
	2017/18	62	60	62	63	60	64	57	184	244	428
	2018/19	60	62	61	64	62	64	62	183	252	435
	2019/20	61	60	63	63	63	66	62	184	254	438

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Butlers Hill Infant School

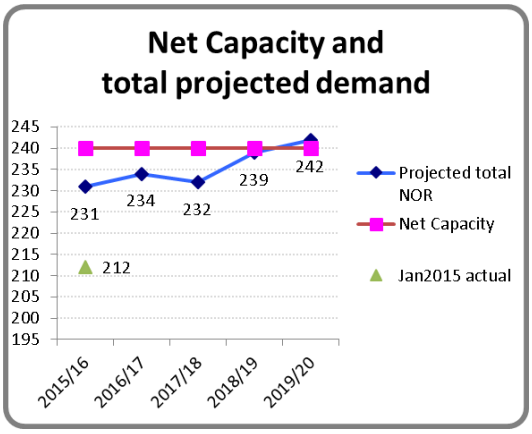




		Projected demand for places - Butler's Hill Infant and Nursery School									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	59	67	51	0	0	0	0	177	0	177
Projections	2014/15	50	51	47	0	0	0	0	148	0	148
	2015/16	61	61	69	0	0	0	0	191	0	191
	2016/17	61	61	63	0	0	0	0	185	0	185
	2017/18	63	61	63	0	0	0	0	187	0	187
	2018/19	61	63	63	0	0	0	0	187	0	187
	2019/20	62	61	65	0	0	0	0	188	0	188

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Broomhill Junior School

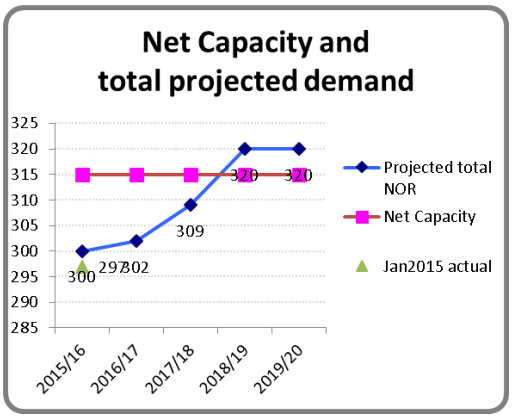


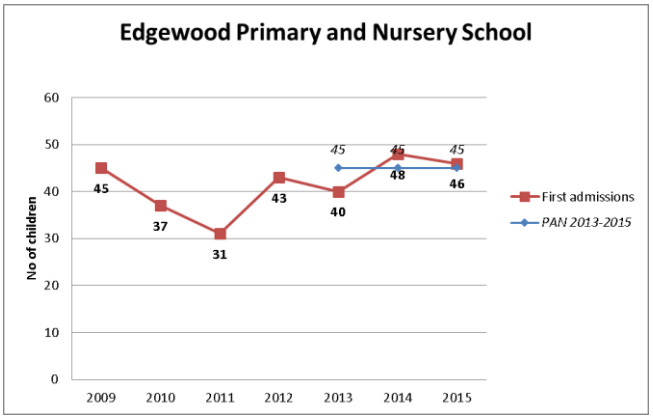
Please note that, as a junior school, Broomhill does not have a first admission Published Admission Number. Its PAN is matched to its linked infant school, Butler's Hill Infant School, and is, therefore, currently set at 60.

		Projected demand for places - Broomhill Junior School									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	0	0	0	50	61	60	41	0	212	212
Projections	2014/15	0	0	0	55	59	57	45	0	216	216
	2015/16	0	0	0	53	53	65	60	0	231	231
	2016/17	0	0	0	56	56	57	65	0	234	234
	2017/18	0	0	0	56	59	60	57	0	232	232
	2018/19	0	0	0	57	59	63	60	0	239	239
	2019/20	0	0	0	56	60	63	63	0	242	242

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Edgewood Primary School

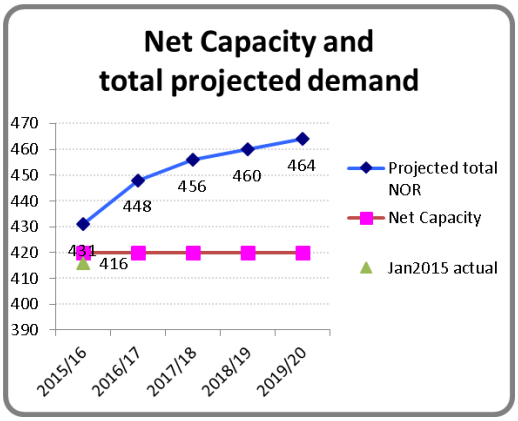


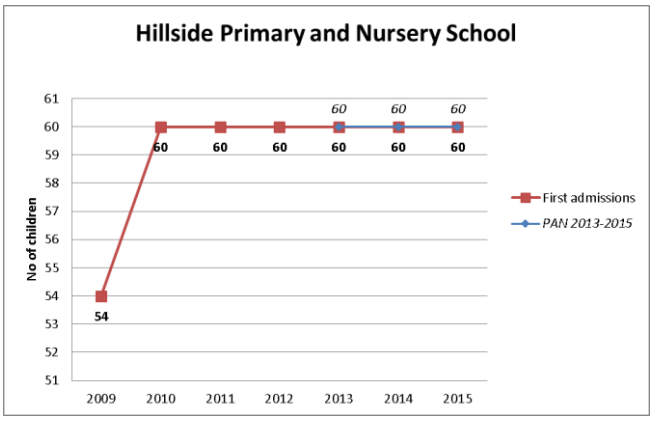


		Projected demand for places - Edgewood Primary and Nursery School									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	49	43	44	34	41	44	42	136	161	297
Projections	2014/15	42	43	45	36	38	44	40	130	158	288
	2015/16	46	45	42	45	35	41	46	133	167	300
	2016/17	45	46	44	43	46	36	42	135	167	302
	2017/18	46	45	45	45	44	47	37	136	173	309
	2018/19	45	46	44	46	46	45	48	135	185	320
	2019/20	45	45	45	45	47	47	46	135	185	320

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Hillside Primary School

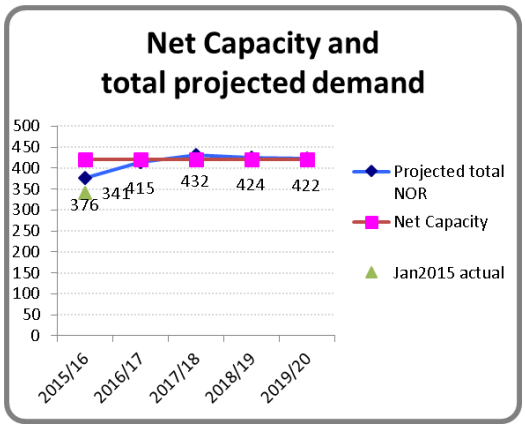


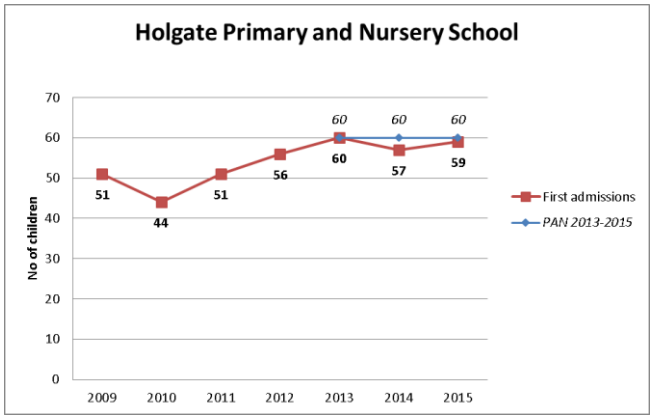


		Projected demand for places - Hillside Primary and Nursery Academy									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	60	60	60	60	61	57	58	180	236	416
Projections	2014/15	63	64	61	61	65	65	55	188	246	434
	2015/16	64	63	60	61	63	61	59	187	244	431
	2016/17	64	65	64	62	65	64	64	193	255	448
	2017/18	66	64	65	65	65	65	66	195	261	456
	2018/19	64	66	64	66	68	65	67	194	266	460
	2019/20	65	64	66	65	69	68	67	195	269	464

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Holgate Primary and Nursery School

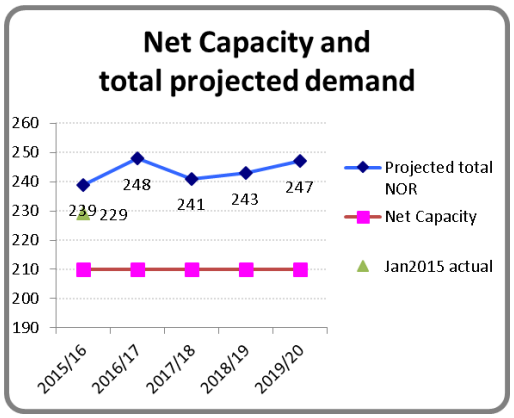


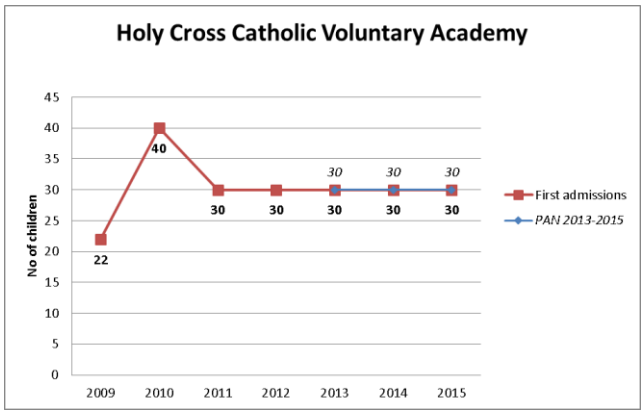


		Projected demand for places - Holgate Primary and Nursery School									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	57	57	57	49	38	36	47	171	170	341
Projections	2014/15	57	57	57	40	34	34	43	171	151	322
	2015/16	57	56	55	44	61	53	50	168	208	376
	2016/17	57	58	55	43	57	77	68	170	245	415
	2017/18	59	57	56	42	55	72	91	172	260	432
	2018/19	57	59	55	43	54	70	86	171	253	424
	2019/20	58	57	57	42	55	69	84	172	250	422

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Holy Cross RC Primary School

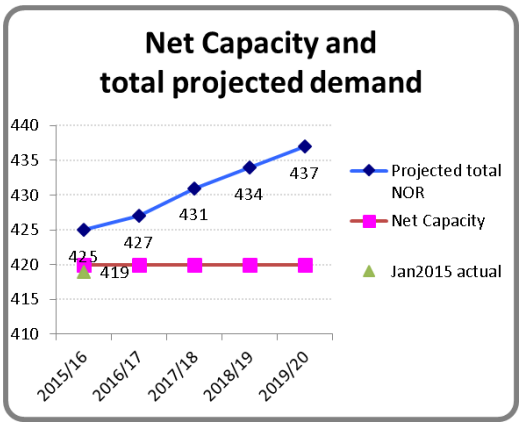


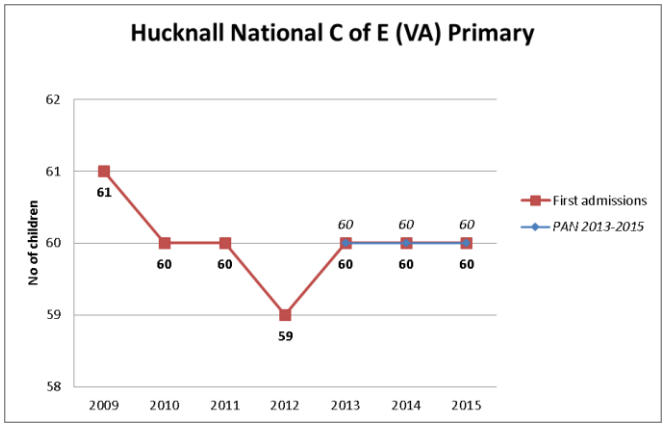


		Projected demand for places - Holy Cross Catholic Voluntary Academy									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	30	31	30	34	45	28	31	91	138	229
Projections	2014/15	33	33	32	30	45	28	30	98	133	231
	2015/16	33	33	32	32	35	45	29	98	141	239
	2016/17	33	33	34	34	33	35	46	100	148	248
	2017/18	34	33	34	36	35	33	36	101	140	241
	2018/19	33	34	34	36	37	35	34	101	142	243
	2019/20	33	33	35	36	37	37	36	101	146	247

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Hucknall National CofE VA Academy

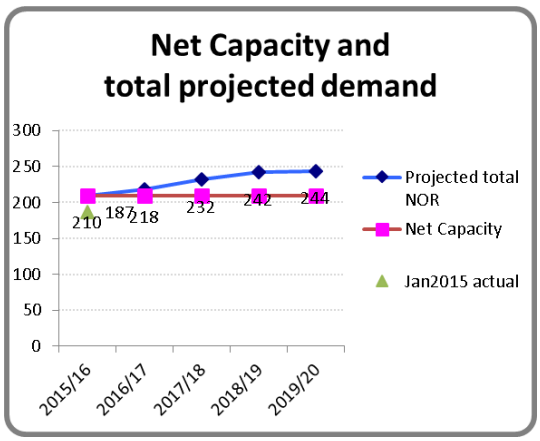


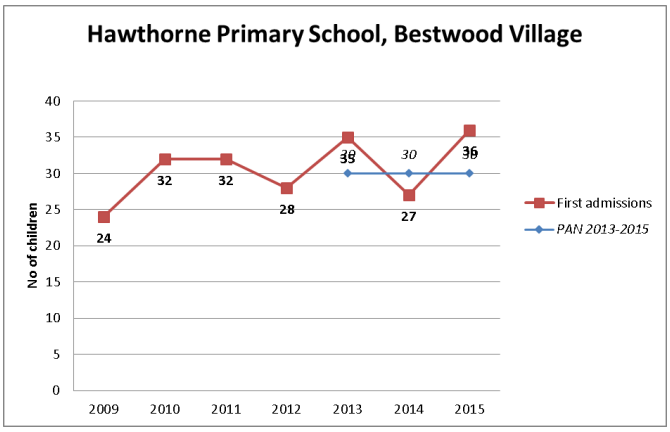


		Projected demand for places - Hucknall National C of E (VA) Primary									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	60	60	60	59	60	60	60	180	239	419
Projections	2014/15	64	65	59	61	61	60	61	188	243	431
	2015/16	64	63	59	60	59	60	60	186	239	425
	2016/17	63	64	62	59	60	59	60	189	238	427
	2017/18	65	63	63	62	59	60	59	191	240	431
	2018/19	63	65	62	63	62	59	60	190	244	434
	2019/20	64	63	64	62	63	62	59	191	246	437

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

Hawthorne, Bestwood Primary School





		Projected demand for places - Hawthorne Primary School, Bestwood Village									
		Year group							Totals		
		R	1	2	3	4	5	6	KS1	KS2	Total
	Jan 2015 actuals	27	35	30	29	25	23	18	92	95	187
Projections	2014/15	29	29	27	30	24	22	22	85	98	183
	2015/16	33	33	36	31	29	26	22	102	108	210
	2016/17	33	33	33	36	30	29	24	99	119	218
	2017/18	35	34	34	34	36	31	28	103	129	232
	2018/19	35	36	35	35	34	37	30	106	136	242
	2019/20	35	35	36	35	34	34	35	106	138	244

In the above table, the red shaded cells illustrate the cohorts which are projected to exceed the Published Admission Number (PAN) for that year and any yellow shaded cells in the right column show where the projected TOTAL demand for places exceeds the total capacity of the school.

The above data clearly illustrates the pressures on school places in each school across Hucknall town and the analysis at primary school planning area level demonstrates that there is no capacity to accept children in a wider area. NCC is planning to expand Beardall Fields Primary School (as explained above) to accommodate children generated form the final phases of the Papplewick Green development. Further expansion plans are at an advanced stage for Butler's Hill Infant and Broomhill Junior Schools to accommodate the increasing number of children from the existing population.

Secondary Projections

Secondary - Projections Holgate - January 2016												
		No on Roll	Projections									
School	Net Cap	Jan 2015	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Holgate School	1163	846	809	804	893	989	1084	1203	1297	1391	1473	1568
		No on Roll	Projected Surplus/Deficit									
School	Net Cap	Jan 2015	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Holgate School	1163	846	354	359	270	174	79	-40	-134	-228	-310	-405
The above figures includes housing know n as at 22/01/2016												

As you can see from the above projections there is insufficient capacity at Holgate School from 2020/21 illustrated in red. Any further housing will only serve to compound this shortage of places.

Conclusion

Nottinghamshire County Council therefore have no alternative but to request education contributions from any proposed housing development within the town of Hucknall for both primary and secondary. Based on the application of 14 dwellings this would yield an addition 3 primary and 2 Secondary pupil places. Based on current projections these additional pupils cannot be accommodated in existing schools. We therefore seek section 106 education contributions set out below.

Primary
3 Primary School Places @ £11,455 = £34,365

Secondary
2 Secondary School Places @ £17,260 = £34,520.

The information above is given on the understanding that it is based on the best information available to Nottinghamshire County Council at the time. District Council colleagues are advised to contact the County Council again in the future if they require a 'project' to be named. None of the information above should be used to denote a project.