School Cluster Profile 2016
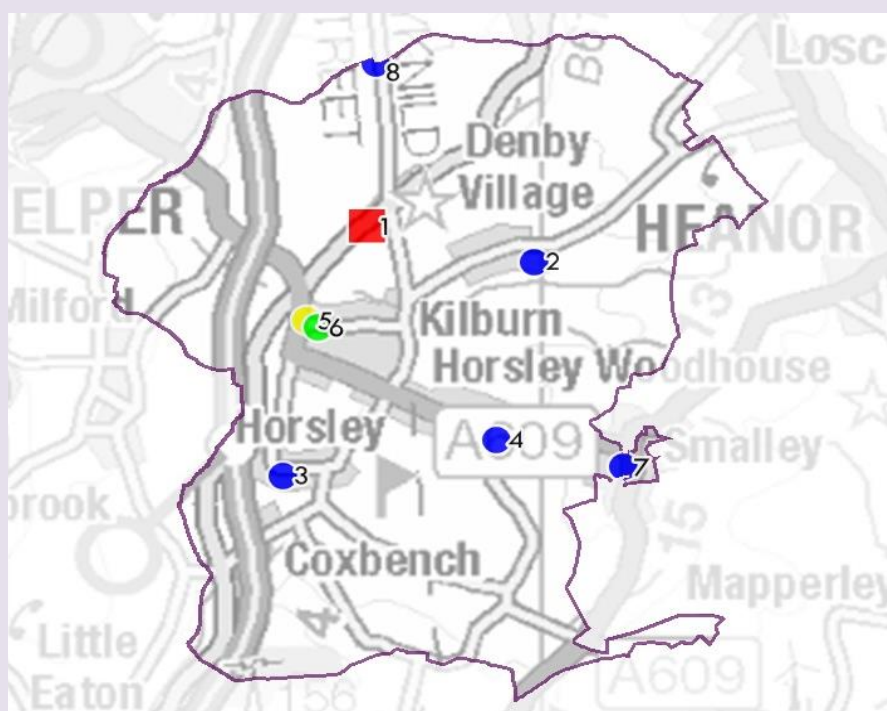
John Flamsteed

This profile provides a snapshot of the health and well-being of children in the school cluster* (excluding special schools). It is designed to help the local authority and health services improve the health and wellbeing of children and tackle inequalities.

Secondary School & Primary Feeders within Cluster

'School cluster' is a term used by Derbyshire County Council to describe a secondary school and its primary feeders i.e. primary schools from which the majority of pupils transfer from at the end of Year 6. Some clusters may encapsulate more than one secondary school due to the inclusion of faith schools, which have different admission criteria.

The map below shows the secondary and primary schools within the cluster, in addition to the geographical catchment area.

© Crown copyright and database rights 2016. Ordnance Survey 100023251

Key: 🟥 Secondary 🔵 Primary School 🟡 Infant School 🟢 Junior School

1:John Flamsteed Community School, 2:Denby Free CE Voluntary Aided Primary School, 3:Horsley CE Primary School, 4:Horsley Woodhouse Primary School, 5:Kilburn Infant And Nursery School, 6:Kilburn Junior School, 7:Richardson Endowed Primary School

*School Cluster arrangements as of October 2015 membership, which will be updated as necessary on an annual basis in future releases.

Key Points:

• There are 6 primary phase schools feeding John Flamsteed Community School (1 Infant, 1 Junior & 4 Primary).

• The schools within John Flamsteed have approximately 1,382 pupils on their roll as at Jan 2016.

• Approximately 3.4% of children within the cluster are non-white British and 0.5% do not speak english as their first language.

• Birth, infancy and child weight indicators in the John Flamsteed cluster are statistical similar to the Derbyshire average.

• The percentage of sessions missed due to authorised absences are significantly worse than the Derbyshire cluster average.

• The proportion of children in poverty, 16-18yr NEETS, primary absences, secondary unauthorised absences and secondary persistent absence are significantly better than the Derbyshire average.

• Compared to the Derbyshire average, within this geographical boundary of the cluster there is significantly higher proportion of owner occupied housing and housing that is detached or semi-detached. There is a significantly lower proportion of housing rented from the Council Housing Association or privately and households with dependent children where there are no adults in employment.

DERBYSHIRE County Council
Improving life for local people

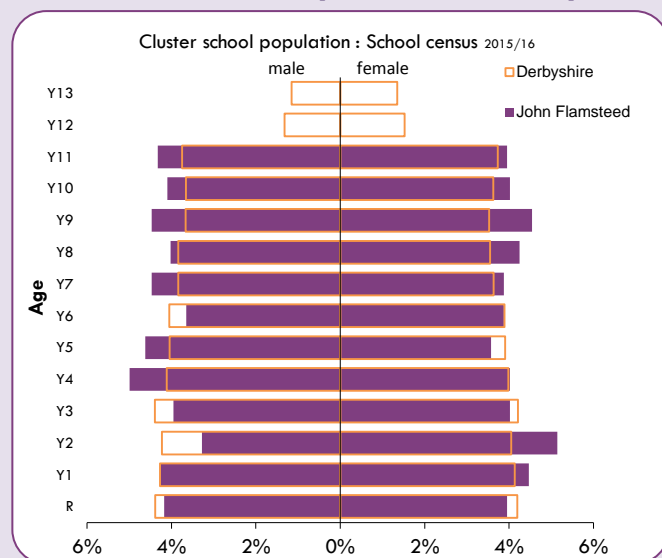**Public Health Intelligence & Knowledge Services**

Population Structure- John Flamsteed

The first chart below shows the proportion of children enrolled to schools within the cluster by year group and gender compared to the Derbyshire cluster average. The schools within John Flamsteed have approximately 1382 pupils on their school roll as at January 2016.
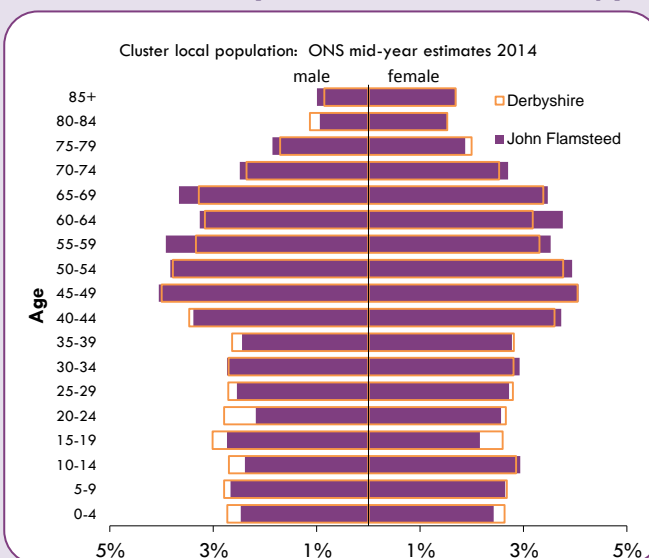
It is important to note that given that some clusters contain two secondary schools and/or a sixth form, the proportion of enrolled pupils within the cluster may vary slightly by year group compared to the Derbyshire cluster average.

The second chart below shows the resident population within the geographical school cluster catchment area by five year age band and gender, compared to the Derbyshire average.

School Cluster (Enrolled Children)

Cluster school population : School census 2015/16

School Cluster (Catchment Resident Pop)

Cluster local population: ONS mid-year estimates 2014

Ethnicity

The table below shows how the ethnicity of children enrolled to schools within the cluster compares to the Derbyshire cluster average. The proportions quoted are based only on children where the ethnicity has been recorded and therefore numbers may not add to the total cluster headcount as quoted above.

Ethnicity	Number	Cluster %*	Derbyshire %*
White British	1,322	96.6%	93.6%
White Other	11	0.8%	1.9%
Asian/British Asian	10	0.7%	1.1%
Black/African/Black British	1	0.1%	0.3%
Chinese	0	0.0%	0.3%
Mixed	24	1.8%	2.5%
Other	1	0.1%	0.3%

* proportions calculated using total known ethnicity of pupils

First Language

Children and their families who do not speak English as their first language may face additional challenges at school, which may often require extra support. While the range of proficiency of the English language is unclear, the table below shows how the proportion of children within the cluster who do not speak English as a first language (where known), compares to the Derbyshire average.

First Language	Number	Cluster %*	Derbyshire %*
English	1,364	99.5%	97.9%
Other	7	0.5%	2.1%

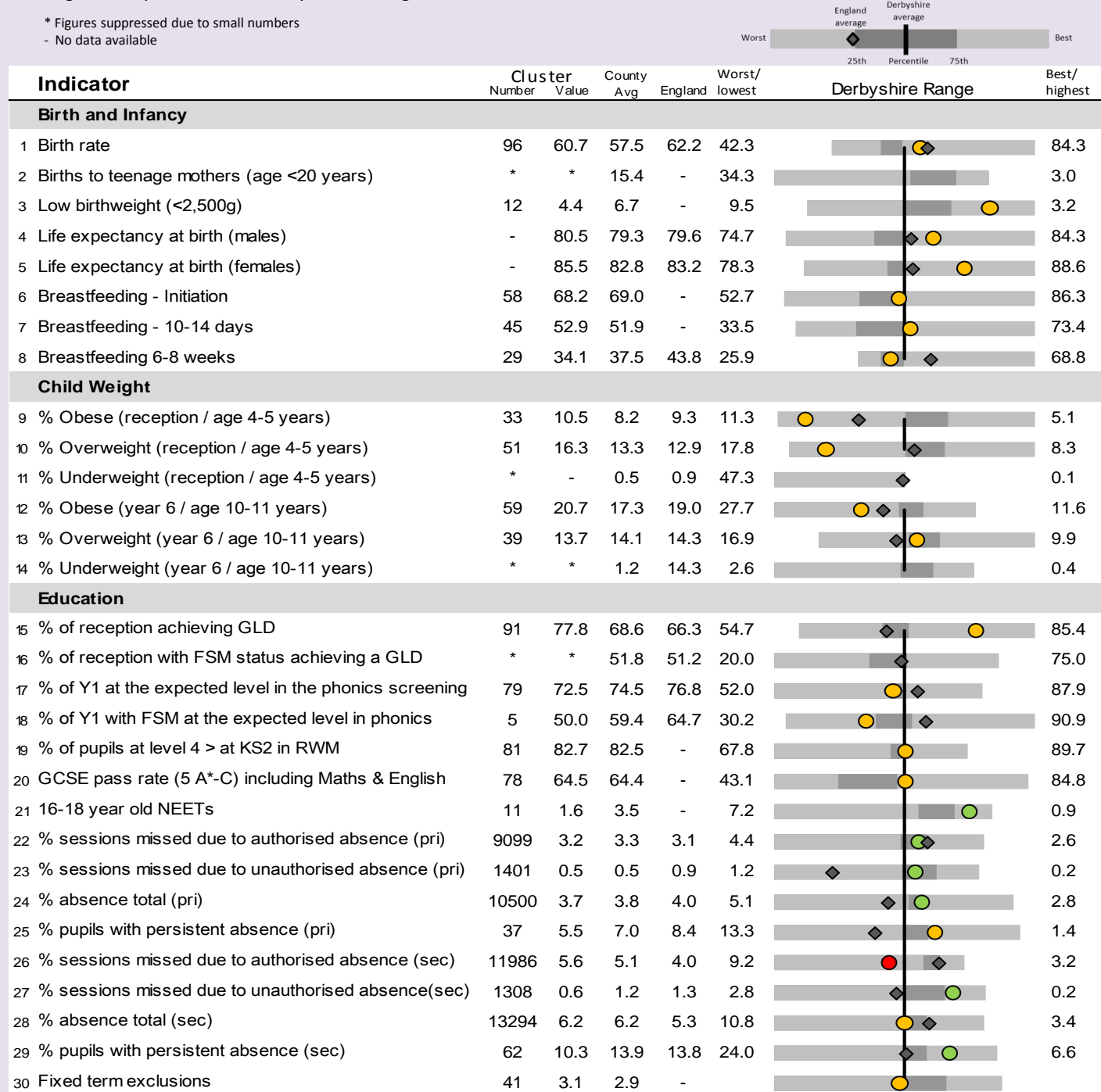* proportions calculated using total known first language of pupils

Cluster Summary - 1   John Flamsteed

The spine chart below shows how child health (including related outcomes and wider determinants) within the cluster compares to the Derbyshire and England average. The central black line represents the Derbyshire average and the cluster rates are represented by the circles, which are shaded based upon the statistical significance compared to the Derbyshire average. The range of results for all clusters within Derbyshire is shown as a grey bar. In addition, rates for England are also represented as a grey diamond.

Key:

- 🟢 Significantly better than Derbyshire average
- 🟠 Not significantly different from Derbyshire average
- 🔴 Significantly worse than Derbyshire average
- ⚪ No significance can be calculated
- 🔵 Significantly Higher than Derbyshire average
- ⚪ Significantly Lower than Derbyshire average

* Figures suppressed due to small numbers
- No data available

Indicator	Cluster Number	Value	County Avg	England	Worst/ lowest	Derbyshire Range	Best/ highest
Birth and Infancy							
1 Birth rate	96	60.7	57.5	62.2	42.3		84.3
2 Births to teenage mothers (age <20 years)	*	*	15.4	-	34.3		3.0
3 Low birthweight (<2,500g)	12	4.4	6.7	-	9.5		3.2
4 Life expectancy at birth (males)	-	80.5	79.3	79.6	74.7		84.3
5 Life expectancy at birth (females)	-	85.5	82.8	83.2	78.3		88.6
6 Breastfeeding - Initiation	58	68.2	69.0	-	52.7		86.3
7 Breastfeeding - 10-14 days	45	52.9	51.9	-	33.5		73.4
8 Breastfeeding 6-8 weeks	29	34.1	37.5	43.8	25.9		68.8
Child Weight							
9 % Obese (reception / age 4-5 years)	33	10.5	8.2	9.3	11.3		5.1
10 % Overweight (reception / age 4-5 years)	51	16.3	13.3	12.9	17.8		8.3
11 % Underweight (reception / age 4-5 years)	*	-	0.5	0.9	47.3		0.1
12 % Obese (year 6 / age 10-11 years)	59	20.7	17.3	19.0	27.7		11.6
13 % Overweight (year 6 / age 10-11 years)	39	13.7	14.1	14.3	16.9		9.9
14 % Underweight (year 6 / age 10-11 years)	*	*	1.2	14.3	2.6		0.4
Education							
15 % of reception achieving GLD	91	77.8	68.6	66.3	54.7		85.4
16 % of reception with FSM status achieving a GLD	*	*	51.8	51.2	20.0		75.0
17 % of Y1 at the expected level in the phonics screening	79	72.5	74.5	76.8	52.0		87.9
18 % of Y1 with FSM at the expected level in phonics	5	50.0	59.4	64.7	30.2		90.9
19 % of pupils at level 4 > at KS2 in RWM	81	82.7	82.5	-	67.8		89.7
20 GCSE pass rate (5 A*-C) including Maths & English	78	64.5	64.4	-	43.1		84.8
21 16-18 year old NEETs	11	1.6	3.5	-	7.2		0.9
22 % sessions missed due to authorised absence (pri)	9099	3.2	3.3	3.1	4.4		2.6
23 % sessions missed due to unauthorised absence (pri)	1401	0.5	0.5	0.9	1.2		0.2
24 % absence total (pri)	10500	3.7	3.8	4.0	5.1		2.8
25 % pupils with persistent absence (pri)	37	5.5	7.0	8.4	13.3		1.4
26 % sessions missed due to authorised absence (sec)	11986	5.6	5.1	4.0	9.2		3.2
27 % sessions missed due to unauthorised absence(sec)	1308	0.6	1.2	1.3	2.8		0.2
28 % absence total (sec)	13294	6.2	6.2	5.3	10.8		3.4
29 % pupils with persistent absence (sec)	62	10.3	13.9	13.8	24.0		6.6
30 Fixed term exclusions	41	3.1	2.9	-			

Cluster Summary - 2   John Flamsteed

The spine chart below shows how child health (including related outcomes and wider determinants) within the cluster compares to the Derbyshire and England average. The central black line represents the Derbyshire average and the cluster rates are represented by the circles, which are shaded based upon the statistical significance compared to the Derbyshire average. The range of results for all clusters within Derbyshire is shown as a grey bar. In addition, rates for England are also represented as a grey diamond.

Key:

- 🟢 Significantly better than Derbyshire average
- 🟡 Not significantly different from Derbyshire average
- 🔴 Significantly worse than Derbyshire average
- ⚪ No Derbyshire can be calculated
- 🔵 Significantly Higher than Derbyshire average
- 🔵 Significantly Lower than Derbyshire average

* Figures suppressed due to small numbers
- No data available

Indicator	Cluster Number	Value	County Avg	England	Worst/lowest	Derbyshire Range	Best/highest
Education (continued)							
31 Permanent exclusions	*	*	0.1	-	0.3		0.0
32 Children with Special Educational Needs (SEN)	41	3.0	2.1	-	1.1		4.5
Social Care							
33 Early help intervention	12	7.3	11.4	-	1.4		32.9
34 Children in need	37	22.5	30.6	33.7	7		118.4
35 Children in care	*	*	39.4	60.0	4		234.6
36 Emotional Health of children in care	*	*	16.0	-	17.0		0.0
37 Children with a child protection plan	*	*	41.7	42.9	5		197.7
38 Troubled families : phase 1 prevalence	7	1.8	5.0	-	1.3		10.5
39 Troubled families: % of phase 1 families turned around	6	85.7	80.8	-	60.0		100.0
Youth Offending							
40 First time entrants to Youth Justice Service	7	3.2	2.3	-	5.9		0.0
41 First time entrants to Court	*	*	1.1	-	2.8		0.0
Housing							
42 Tenure: owner occupied housing	2981	78.6	71.4	64.3	52.1		81.2
43 Tenure: housing rented from the CHA	451	11.9	15.3	17.6	5.8		37.1
44 Tenure: privately rented	315	8.3	12.0	16.7	5.6		17.1
45 Accommodation type: detached housing	1370	36.1	32.2	22.7	17.0		56.6
46 Accommodation type: semi-detached housing	1623	42.8	39.2	31.3	23.7		54.5
47 Accommodation type: % terraced housing	616	16.2	20.2	24.6	8.2		43.3
48 Accommodation type: % flat/apartment	182	4.8	8.1	20.7	3.4		20.8
49 Accommodation type: % other housing	2	0.1	0.3	0.7	0.0		2.4
50 HHs-dependent child: no adult in employment	76	2.0	3.4	4.2	1.1		7.2
51 HHs- dependent child: one person with disability	160	4.2	4.5	4.7	3.4		6.9
Poverty							
52 Indices of deprivation 2015	0	12.9	18.5	-	6.5		37.9
53 Children in poverty (< 16 years)	175	12.2	15.9	18.6	30.0		3.3
54 Children in poverty (dependent children <20 years)	205	12.0	15.1	18.0	28.4		3.6
Mortality							
55 Infant mortality (age <1 years)	*	*	3.2	-	0.0		10.0
56 Child mortality (age 1-19 years)	*	*	14.1	15.7	0.0		51.6