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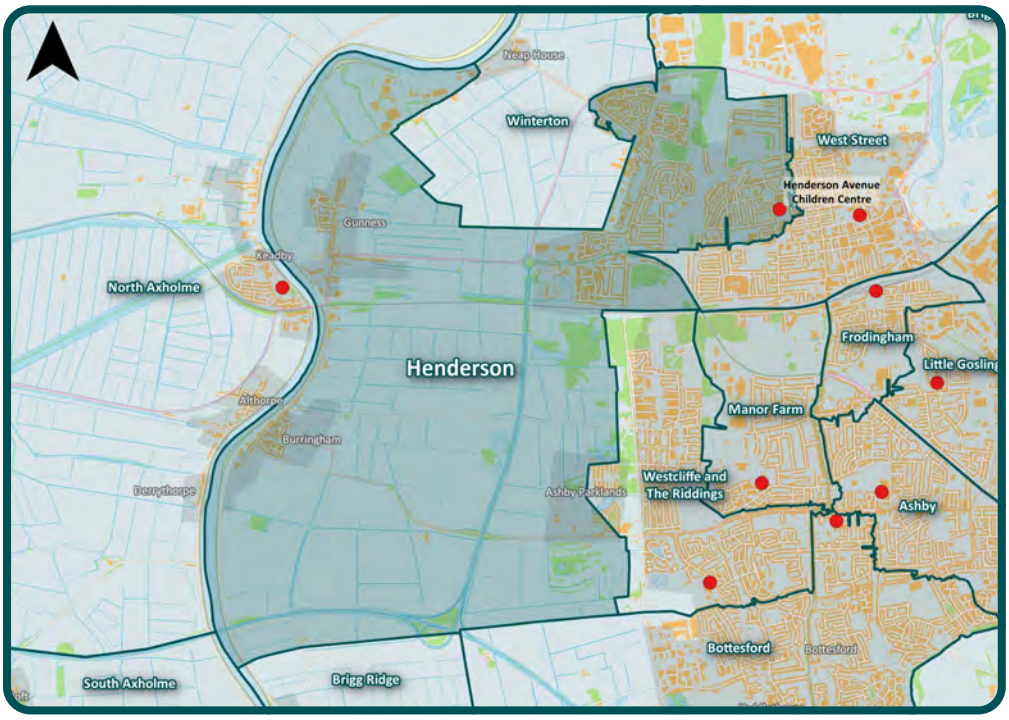
North Lincolnshire Clinical Commissioning Group

PUBLIC HEALTH OUTCOMES PROFILE 2016/17

HENDERSON CHILDREN'S CENTRE

This profile provides a brief picture of public health outcomes for mothers and under 5s in the Henderson Children's Centre catchment area for 2016/17. This data, combined with service reach and activity data, should help agencies understand what factors are driving health improvement in this local population and enable the allocation and prioritisation of resources effectively. Each profile contains information on the child population in each catchment area, wider determinants of health and indicators of maternal and child health

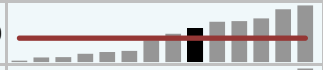


- Henderson Children's Centre is located in Scunthorpe North locality with the catchment including parts of Burringham and Gunness, Burton Upon Stather and Winterton, Crosby and Park and Town wards.
- 862 under 5s live in this catchment area which represents just over 9% of all under 5s in North Lincolnshire.
- The adult population of this area have lower health outcomes compared to the North Lincolnshire average, with female life expectancy significantly lower.
- This area has higher than average levels of child poverty. Almost 40% reside in output areas that fall within England's 30% most deprived neighbourhoods and nearly 18% of under 16s live in a household in receipt of out of work benefits.
- 30% of births in the area are to mothers born outside of the UK, and 36% of deliveries were to BME mothers, both of which are significantly higher than the North Lincolnshire rates.
- The number of births to women resident in this area are above average but have fallen compared with the previous year.
- The proportion of women who 'book late' in pregnancy is above average here although not significantly.
- The rate of A&E attendances in under 5s is significantly higher than for North Lincolnshire and is the second highest for Children's Centre areas in North Lincolnshire.
- The breastfeeding initiation rate is in line with the North Lincolnshire average, although the continuation rate is slightly below, though not significantly.
- The proportion of children with excess weight at 11 years is significantly higher than the England rate and second highest overall Children's Centre area.

CHILDREN'S CENTRE PROFILE 2016/17 - Henderson

Indicators	Period	Children's Centre			All Children's Centres (rate)			Scunthorpe North (rate)	North Lincs (rate)	England (rate)
		Number	Rate	Direction	Worst / Lowest	← Rank →	Best / Highest			
DEMOGRAPHICS										
Total resident population	2016	13998	8.2	◀▶	2.6		13.5	15.6	100.0	na
Resident population under 1 year	2016	172	9.4	▲	3.1		11.8	19.9	100.0	na
Resident population under 3 years	2016	493	9.0	▲	2.9		12.2	19.3	100.0	na
Resident population under 5 years	2016	862	9.1	▼	2.9		12.4	18.8	100.0	na
Resident women of child bearing age (15-44yrs)	2016	2513	**35.7**	▼	28.2		43.7	39.6	33.6	na
Mothers born outside the United Kingdom	2016/17	54	**30.3**	▲	2.1		59.5	42.3	17.7	29.0
WIDER DETERMINANTS OF HEALTH										
Proportion of population (u5yrs) living in 30% most deprived LSOAs	2016	341	39.6	▲	91.5		0.0	55.7	37.1	30.0
Children in OOWB households u16	May 2016	488	**17.9**	▲	29.3		7.7	18.7	16.0	14.0
Children (u16) in receipt of DLA	Feb 2017	97	3.6	▲	2.6		4.8	3.0	3.3	3.6
Readiness for school at 5 years of age	2016/17	133	68.9	▼	60.7		81.0	64.5	72.1	70.7
Children in Need 0-10 years	End March 2018	36	184.0	na	352.5		52.3	270.5	220.5	na
PREGNANCY AND CHILDBIRTH										
Maternity bookings	2016/17	189	189.0	▲	67.0		233.0	407	1800	na
Late maternity bookings >12 weeks 6 days	2016/17	31	16.4	▲	7.1		18.9	17.7	12.3	15.3
Women booking with BMI over 30	2016/17	56	29.6	▲	22.7		43.3	25.7	29.2	na
Live births (general fertility rate)	2016/17	178	70.8	▼	45.9		81.2	74.9	61.4	62.5
Premature births (<37 weeks)	2016/17	19	10.9	▲	2.7		14.8	9.7	9.8	7.8

CHILDREN'S CENTRE PROFILE 2016/17 - Henderson

Indicators	Period	Children's Centre			All Children's Centres (rate)			Scunthorpe North (rate)	North Lincs (rate)	England (rate)
		Number	Rate	Direction	Worst / Lowest	← Rank →	Best / Highest			
PREGNANCY AND CHILDBIRTH (continued)										
Deliveries to BME women	2016/17	63	**36.0**	▲	1.4		65.9	52.8	20.3	na
Smoking at delivery	2016/17	37	21.1	▲	36.5		9.3	19.6	19.8	10.5
Live births to women under 20	2016/17	8	4.5	▼	1.0		7.0	3.7	3.4	3.2
Low weight births <2500 grams	2016/17	14	7.9	▲	5.2		14.4	7.8	8.7	7.0
Breastfeeding Initiation	2016/17	116	66.3	▲	53.5		82.4	69.4	66.3	74.5
Breastfeeding Continuation (6-8 weeks)	2016/17	37	20.8	na	9.8		31.6	23.0	23.4	44.4
HEALTH IMPROVEMENT INDICATORS										
Admissions for accidental injury (u5s)	2016/17	9	104.4	▼	186.7		76.4	101.0	116.9	126.3
Admissions for lower tract respiratory infections (u5s)	2016/17	8	92.8	▼	221.8		72.7	145.8	148.5	na
A&E attendances (u5yrs)	2016/17	584	**6774.9**	▲	7054.5		3522.9	6685.4	5315.4	na
Children scoring above threshold in all 5 domains in 2 1/2 year ASQ	-	Data in development								
Children with excess weight at 5 years of age	2016/17	47	25.0	▲	33.7		15.8	27.6	24.5	22.6
Children with excess weight at 11 years of age	2016/17	66	43.1	▲	45.0		23.4	40.3	34.5	34.2
Male life expectancy at birth	2015-2017	na	76.7	▲	75.4		82.7	75.9	79.0	79.5
Female life expectancy at birth	2015-2017	na	**79.9**	▼	79.2		85.4	80.5	82.6	83.1

Statistical significance of rates relative to North Lincolnshire average (95% CI)

Better | Worse | Lower | Higher

The chart shows the appropriate rate for each care network with the profiled network highlighted in black. Where shown, the horizontal line represents the North Lincolnshire average rate. * numbers of 5 or less and associated rates have been suppressed.

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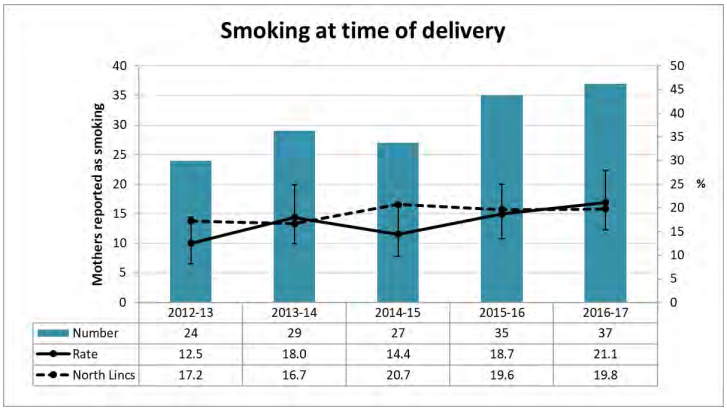
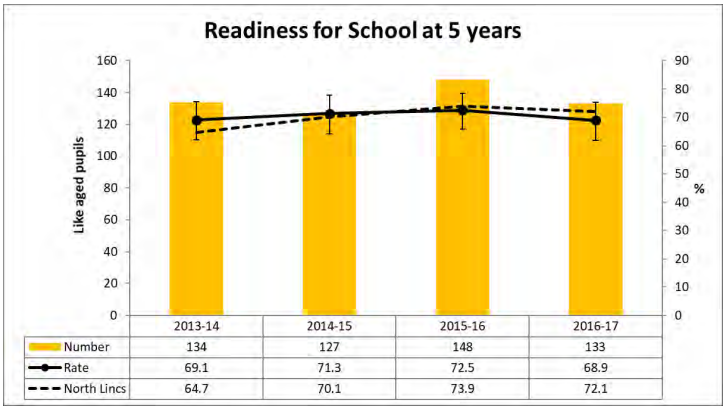
HENDERSON CHILDREN'S CENTRE

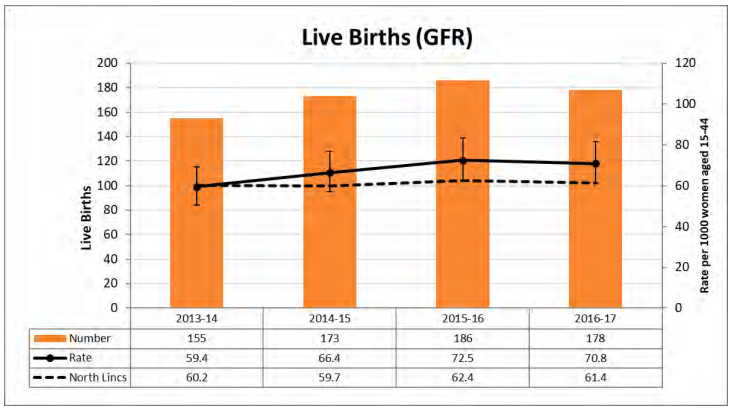
DATA TRENDS 2012-2013 to 2016-2017



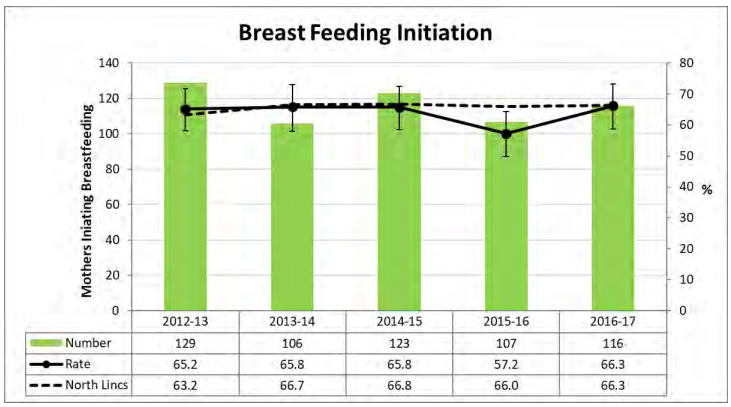
	2012-13	2013-14	2014-15	2015-16	2016-17
Number	24	29	27	35	37
Rate	12.5	18.0	14.4	18.7	21.1
North Lincs	17.2	16.7	20.7	19.6	19.8



	2013-14	2014-15	2015-16	2016-17
Number	134	127	148	133
Rate	69.1	71.3	72.5	68.9
North Lincs	64.7	70.1	73.9	72.1



	2013-14	2014-15	2015-16	2016-17
Number	155	173	186	178
Rate	59.4	66.4	72.5	70.8
North Lincs	60.2	59.7	62.4	61.4



	2012-13	2013-14	2014-15	2015-16	2016-17
Number	129	106	123	107	116
Rate	65.2	65.8	65.8	57.2	66.3
North Lincs	63.2	66.7	66.8	66.0	66.3

Recent Progress

- The rate of smoking at delivery has fluctuated, from relative lows in 2012-13 and 2014-15 and increasing between 2014-15 and 2016-17, to slightly above the rate of North Lincolnshire.
- The rate of births in the area has increased since 2013 -14, and is now higher than the North Lincolnshire rate, though not significantly.
- Breastfeeding initiation rates in this area have mostly stayed in line with the North Lincolnshire rate, with a fall in 2015-16 which was within confidence intervals and not significant.
- Readiness for school at age 5 has declined slightly in 2016-17 and is below average, though not significantly.

Indicator	Details
DEMOGRAPHICS	
Total resident population	Period - 2016, % - Numerator: Area resident population (persons, all ages) - ONS, Denominator: North Lincolnshire resident population (persons, all ages) - ONS 2016,
Resident population under 1 year	Period - 2016, % - Numerator: Area resident population (persons, 0yrs) - ONS, Denominator: Area resident population (persons, all ages) - ONS 2016,
Resident population under 3 years	Period - 2016, % - Numerator: Area resident population (persons, 0-2yrs) - ONS, Denominator: Area resident population (persons, all ages) - ONS 2016,
Resident population under 5 years	Period - 2016, % - Numerator: Area resident population (persons, 0-4yrs) - ONS, Denominator: Area resident population (persons, all ages) - ONS 2016,
Resident women of child bearing age (15-44yrs)	Period - 2016, % - Numerator: Area resident population (females, 15-44yrs) - ONS, Denominator: Area resident female population (all ages) - ONS 2016,
Mothers born outside the United Kingdom	Period - 2016/17, % - Numerator: Mothers resident registering a birth, born outside of the UK - ONS, Denominator: All live births to area resident mothers - ONS 2016/17, Regional and England data from calendar years
WIDER DETERMINANTS OF HEALTH	
Proportion of population (u5yrs) living in 30% most deprived LSOAs	Period - 2016, % - Numerator: Area population living in 3 most deprived national deciles (IMD 2015) (persons, 0-4yrs) - ONS, Denominator: Population living in North Lincolnshire (persons, all ages) - ONS 2016,
Children in OOWB households u16	Period - May 2016, % - Numerator: Children in Out of work benefits (OOWB) households u16 - DWP, Denominator: Area resident population (persons, 0-15yrs) - ONS 2016, totals are rounded to nearest 5 in low area data. For this reason North Lincolnshire total taken from seperately published figure.
Children (u16) in receipt of DLA	Period - Feb 2017, % - Numerator: Children (u16) in receipt of DLA - NOMIS May 17, Denominator: Area resident population (persons, 0-15yrs) - ONS 2016, DLA 2017 data used with 2016 population.
Readiness for school at 5 years of age	Period - 2016/17, % - Numerator: rate of children achieving A Good Level of Development at the end of reception as % all like aged pupils (PHOF1.02i) - DfE, Denominator: Resident Children attending local schools reaching age 5 by end of School Year - DfE 2016/17, North Lincs totals from published data
Children in Need 0-10 years	Period - End March 2018, rate per 10,000 - Numerator: Children in Need aged 0-10 - NLC End March 2018, Denominator: Area resident population (persons, 0-10yrs) - ONS 2016, LA Total Inclusive of cases with no lower geography, 31 cases (6.3%)
PREGNANCY AND CHILDBIRTH	
Maternity bookings	Period - 2016/17, % - Numerator: Number of area resident mothers making first maternity booking - NLAG, Denominator: North Lincs resident mothers making first maternity booking - NLAG 2016/17,
Late maternity bookings >12 weeks 6 days	Period - 2016/17, % - Numerator: Number of area resident mothers making first maternity booking later than 12 weeks 6 days - NLAG, Denominator: North Lincs resident mothers making first maternity booking - NLAG 2016/17, Regional and National values for booking data are taken from MSDS and are experimental as not all areas submitted. Data from 16/17 publication
Women booking with BMI over 30	Period - 2016/17, % - Numerator: Number of area resident mothers with 30+ BMI at first maternity booking - NLAG, Denominator: North Lincs resident mothers making first maternity booking - NLAG 2016/17, National figure not yet reliable - reported in MSDS dataset
Live births (general fertility rate)	Period - 2016/17, Fertility rate per 1000 wcba - Numerator: Live births to area resident mothers - ONS, Denominator: Area resident women of child bearing age population (female, 15-44yrs) - ONS 2016/17, England figure from published caldendar year data
Premature births (<37 weeks)	Period - 2016/17, % - Numerator: Number of area resident mothers having a premature (<37 weeks) live birth - NLAG, Denominator: All deliveries to area resident mothers - NLAG 2016/17, England and Wales figure - no England only figure available.
Deliveries to BME women	Period - 2016/17, % - Numerator: Deliveries to resident BME women (not White British) - NLAG, Denominator: All deliveries to area resident mothers - NLAG 2016/17,

Indicator	Details
PREGNANCY AND CHILDBIRTH (continued)	
Smoking at delivery	Period - 2016/17, % - Numerator: Number of area resident mothers who smoke at the time of delivery (PHOF 2.03) - NLAG, Denominator: All deliveries to area resident mothers - NLAG 2016/17, Resident totals, taken from data from NLAG - does not match published CCG data
Live births to women under 20	Period - 2016/17, % - Numerator: Live births to area resident mothers who are under 20 at time of delivery - ONS, Denominator: All live births to area resident mothers - ONS 2016/17, England and Regional data Calendar year
Low weight births <2500 grams	Period - 2016/17, % - Numerator: Live births to area resident mothers where birth weight is <2500 grams (ONS) - ONS, Denominator: All live births to area resident mothers - ONS 2016/17, England and Regional data Calendar year (Published data is inclusive of where weight not recorded. Internal Geographies processed in the same manner) Data does not exclude multiple births
Breastfeeding Initiation	Period - 2016/17, % - Numerator: Number of area resident mothers who initiate breastfeeding during first 48 hours after delivery (PHOF 2.02i) - NLAG, Denominator: All deliveries to area resident mothers - NLAG 2016/17, Internal totals from NLAG - these may show marginal difference to published data.
Breastfeeding Continuation (6-8 weeks)	Period - 2016/17, % - Numerator: Number of area resident babies who were totally or partially breastfed at 6-8 weeks (PHOF 2.02i) - RDaSH, Denominator: Total number of babies reaching 6-8 weeks in year - RDaSH 2016/17, North Lincs total taken from published data - ONS births cohorts used on aggregates lower than LA level due to data quality issues with cohort in low level data. The overall NL figure agrees to within 0.2%
HEALTH IMPROVEMENT INDICATORS	
Admissions for accidental injury (u5s)	Period - 2016/17, rate per 10,000 - Numerator: Number of emergency hospital admissions for accidental or intentional injury for area residents (0-4yrs) (PHOF 2.07i) - HES 2016/17, Denominator: Area resident population (persons, 0-4yrs) - ONS 2016,
Admissions for lower tract respiratory infections (u5s)	Period - 2016/17, rate per 10,000 - Numerator: Number of emergency hospital admissions for lower tract respiratory infections for area residents (0-4yrs) - HES 2016/17, Denominator: Area resident population (persons, 0-4yrs) - ONS 2016,
A&E attendances (u5yrs)	Period - 2016/17, rate per 10,000 - Numerator: Number of A&E attendances for area residents (0-4yrs) - HES 2016/17, Denominator: Area resident population (persons, 0-4yrs) - ONS 2016,
Children scoring above threshold in all 5 domains in 2 1/2 year ASQ	Data not yet available - pending next update
Children with excess weight at 5 years of age	Period - 2016/17, % - Numerator: Resident children with excess weight at 5 years of age (PHOF 2.06i) - PHE, Denominator: Resident 4-5 year olds participating in NCMP - PHE 2016/17,
Children with excess weight at 11 years of age	Period - 2016/17, % - Numerator: Resident children with excess weight at 11 years of age (PHOF 2.06ii) - PHE, Denominator: Resident 10-11 year olds participating in NCMP - PHE 2016/17,
Male life expectancy at birth	Period - 2015-2017, years - Numerator: Area aggregate number of resident male deaths (all ages) (PHOF 0.1ii) - ONS 2016, Denominator: Area aggregate population (males, all ages) - ONS 2016 x3, No National 2015-17 published. 2014-16 used for comparison
Female life expectancy at birth	Period - 2015-2017, years - Numerator: Area aggregate number of resident female deaths (all ages) (PHOF 0.1ii) - ONS 2016, Denominator: Area aggregate population (females, all ages) - ONS 2016 x3, No National 2015-17 published. 2014-16 used for comparison