

## Child Health Profile March 2021

## North East Lincolnshire

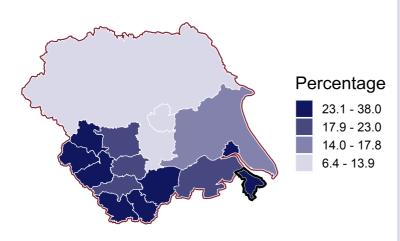
This profile provides a snapshot of child health in this area. It is designed to help local government and health services improve the health and wellbeing of children and tackle health inequalities.

#### The child population in this area

		Local	Region	England	
Live births (2019)	1,669	58,281	610,505		
Children aged 0 to 4 years		9,200	318,100	3,299,600	
(2019)	5.7%	5.8%	5.9%		
Children aged 0 to 19 year	s	37,600	1,301,800	13,282,300	
(2019)		23.6%	23.7%	23.6%	
Children aged 0 to 19 years in		36,100	1,311,800	13,483,800	
2029 (projected)		22.7%	23.1%	22.9%	
School children from minority ethnic groups (2020)		2,385	232,567	2,812,226	
		10.1%	28.2%	34.6%	
School pupils with social, emotional and mental health needs (2020)		552	22,176	222,595	
		2.3%	2.7%	2.7%	
Children living in poverty as under 16 years (2018/19)	ged	24.8%	23.4%	18.4%	
Life expectancy at birth E	Boys	77.8	78.8	79.8	
(2017-2019)	Sirls	82.1	82.5	83.4	

#### Children living in poverty

Map of Yorkshire and The Humber with North East Lincolnshire outlined, showing the relative levels of children living in poverty.



Map contains Ordnance Survey data.

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#### **Key findings**

Overall, comparing local indicators with England averages, the health and wellbeing of children in North East Lincolnshire is mixed.

The infant mortality rate is similar to England with an average of 9 infants dying before age 1 each year. Recently there have been 4 child deaths (1-17 year olds) each year on average.

Public health interventions can improve child health at a local level. In this area:

- The teenage pregnancy rate is worse than England, with 70 girls becoming pregnant in a year.
- 21.7% of women smoke while pregnant which is worse than England.
- 52.0% of newborns received breast milk as their first feed. Data on breastfeeding at 6 to 8 weeks after birth is not available for this area.
- The MMR immunisation level meets recommended coverage (95%). By age 2, 95.6% of children have had one dose.
- Dental health is worse than England. 29.8% of 5 year olds have experience of dental decay.
- Levels of child obesity are similar to England.
  10.9% of children in Reception and 22.6% of children in Year 6 are obese.
- The rate of child inpatient admissions for mental health conditions at 29.0 per 100,000 is better than England. The rate of self-harm (10-24 years) at 348.4 per 100,000 is better than England.

There were 40 emergency admissions of children because of asthma in 2019/20. This gives a rate which is better than England.

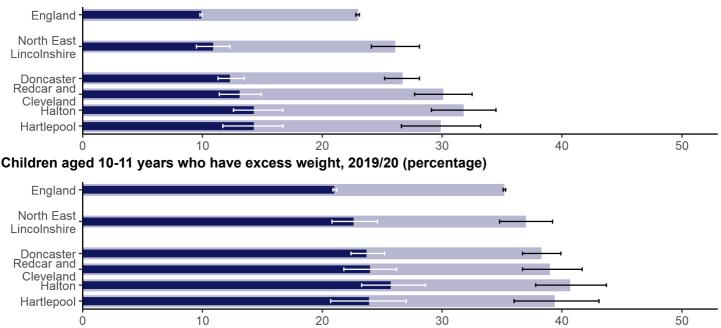
Over a three year period 39 children were killed or seriously injured on the roads. This gives a worse rate than England.

## North East Lincolnshire Child Health Profile

#### **Childhood obesity**

These charts show the percentage of children who have excess weight (obese or overweight) in Reception (aged 4-5 years) and Year 6 (aged 10-11 years). They compare North East Lincolnshire with its statistical neighbours, and the England average. Compared with the England average, this area has a worse percentage of children in Reception (26.1%) and a similar percentage in Year 6 (37.0%) who have excess weight.

Children aged 4-5 years who have excess weight, 2019/20 (percentage)

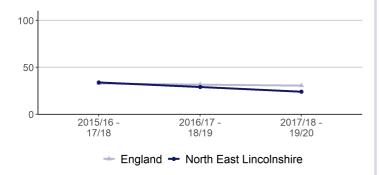


Note: This analysis uses the 85th and 95th centiles of the British 1990 growth reference (UK90) for BMI to classify children as overweight and obese. I indicates 95% confidence interval.

#### Young people and alcohol

Nationally, the rate of hospital admissions of children and young people for conditions wholly related to alcohol is decreasing. This is not the case in North East Lincolnshire, where there is no significant trend. The admission rate in the latest period is also similar to the England average.

#### Hospital admissions of children and young people for conditions wholly related to alcohol (rate per 100,000 population aged 0-17 years)



#### Young people's mental health

Nationally, the rate of young people being admitted to hospital as a result of self-harm is increasing. This is not the case in North East Lincolnshire, where there is no significant trend. The admission rate in the latest pooled period is better than the England average\*. Nationally, levels of self-harm are higher among young women than young men.

#### 1200 800 400 0 2015/16 - 2016/17 - 2017/18 -17/18 18/19 19/20 ← England ← North East Lincolnshire

Young people aged 10 to 24 years admitted to hospital as a result of self-harm (rate per 100,000 population aged 10-24 years)

\*Information about admissions in the single year 2019/20 can be found on page 4

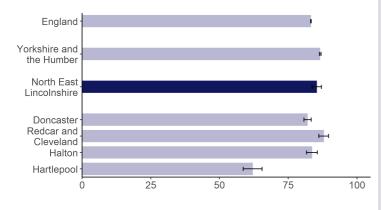
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## North East Lincolnshire Child Health Profile

These charts compare North East Lincolnshire with its statistical neighbours, and the England and regional averages.

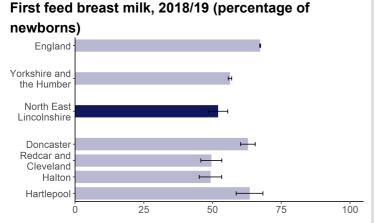
#### Child development at 2-21/2 years

Children at or above expected level of development in all five areas at  $2-2\frac{1}{2}$  years, 2019/20 (percentage of children reviewed)



85.5% of children aged 2-2½ years were at or above the expected level of development in all five areas of development (communication, gross motor, fine motor, problem-solving and personal-social skills) in 2019/20. This is better than the England average. A similar proportion of children were at or above the expected level of development for communication skills (89.1%) and a better proportion for personal-social skills (96.5%) when compared with England (88.9% for communication and 92.9% for personal-social skills).

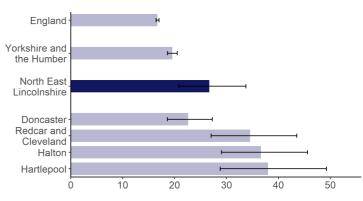
#### Breastfeeding



# 52.0% of newborns received breast milk as their first feed. Data on breastfeeding at 6 to 8 weeks after birth is not available for this area.

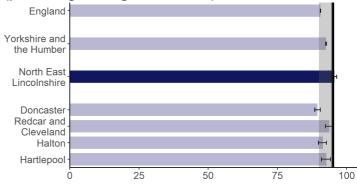
#### Young people's sexual and reproductive health

Teenage conceptions in girls aged under 18 years, 2018 (rate per 1,000 female population aged 15-17 years)



In 2018, approximately 27 girls aged under 18 conceived, for every 1,000 girls aged 15-17 years living in this area. This is higher than the regional average and higher than the England average. Chlamydia screening is recommended for all sexually active 15-24 year olds. Increasing detection rates indicate improved screening activity; it is not a measure of prevalence. In 2019, the detection rate in this area was 3,112 per 100,000 which is higher than the minimum recommended rate of at least 2,300.

### Measles, mumps and rubella (MMR) vaccination MMR vaccination coverage by age 2 years, 2019/20 (percentage of eligible children)



The shaded area from 90% shows the range of values approaching the minimum recommended coverage of 95% (the black line).

More than 95% (the minimum recommended coverage level) of children have received their first dose of MMR immunisation by the age of two in this area (95.6%). By the age of five, 94.7% of children have received their second dose of MMR immunisation.

## North East Lincolnshire Child Health Profile

## March 2021

Regional average

England average

The chart below shows how children's health and wellbeing in this area compares with the rest of England. The local result for each indicator is shown as a circle, against the range of results for England shown as a grey bar. The line at the centre of the chart shows the England average. O Not significantly different from the England average nge

•	No significant	char

- ★↓ Increasing/decreasing and getting better Significantly better than the England average

- ★↓ Increasing/decreasing and getting worse Significantly worse than the England average

– Tre	rend cannot be calculated O Significance cannot be tested						25th percentile 75th percentile	
	Indicator	Recent trend	Local no. per year*		Eng. ave	Eng. worst		Eng. best
ature ality	1 Infant mortality rate	•	9	5.2	3.9	7.5	•	2.0
Premature mortality	2 Child mortality rate (1-17 years)	-	4	12.3	10.8	25.7	<b>O</b>	5.7
Health protection	3 MMR vaccination for one dose (2 years) $\bigcirc \ge 95\% \bigcirc <90\%$	•	1,765	95.6	90.6	77.1		97.6
	4 Dtap/IPV/Hib vaccination (2 years)	•	1,791	97.0	93.8	80.1		98.7
	5 Children in care immunisations	-	329	93.7	87.8	34.5	•0	100.0
	6 Children achieving a good level of development at the end of Reception	•	1,351	71.2	71.8	63.1		80.6
	7 GCSE attainment: average Attainment 8 score	-	-	45.2	50.2	42.9		60.0
Wider determinants of ill health	8 GCSE attainment: average Attainment 8 score of children in care	-	-	17.1	19.2	10.6	0	28.1
etermi lith	9 16-17 year olds not in education, employment or training (NEET)	-	220	6.5	5.5	15.0		1.5
der de II hea	10 First time entrants to the youth justice system	+	25	171.9	238.5	554.3	• 0	72.3
of	11 Children in relative low income families (under 16s)	•	7,711	24.8	18.4	38.0		6.4
	12 Households with children homeless or at risk of homelessness	-	311	17.3	14.9	31.2		4.7
	13 Children in care	+	570	166	67	223		24
	14 Children killed and seriously injured (KSI) on England's roads	-	13	41.9	18.0	50.4		3.1
	15 Low birth weight of term babies	•	34	2.4	2.9	5.2		1.3
	16 Obese children (4-5 years)	•	205	10.9	9.9	14.6		4.7
	17 Obese children (10-11 years)	•	415	22.6	21.0	30.1		11.1
Health improvement	18 Children with experience of visually obvious dental decay (5 years)	-	-	29.8	23.4	50.9		8.7
Healt	19 Hospital admissions for dental caries (0-5 years)	-	100	872.5	286.2	1,298.5		11.1
<u>.</u> E	20 Under 18s conception rate / 1,000	•	70	26.7	16.7	39.4		3.6
	21 Teenage mothers	•	25	1.6	0.7	2.3		0.2
	22 Admission episodes for alcohol-specific conditions - Under 18s	•	8	24.2	30.7	111.5		7.7
	23 Hospital admissions due to substance misuse (15-24 years)	-	15	88.4	84.7	259.8	•	33.2
	24 Smoking status at time of delivery	•	357	21.7	10.4	23.1		2.1
	25 Baby's first feed breastmilk	-	835	52.0	67.4	43.6		98.7
	26 Breastfeeding prevalence at 6-8 weeks after birth	-	442	-	48.0	-		-
alth	27 A&E attendances (0-4 years)	•	4,710	495.0	655.3	1,917.4		126.3
Prevention of ill health	28 Hospital admissions caused by injuries in children (0-14 years)	•	285	97.3	91.2	153.1	<b>O</b>	48.5
	29 Hospital admissions caused by injuries in young people (15-24 years)	•	220	135.3	132.1	269.9	•	65.1
	30 Hospital admissions for asthma (under 19 years)	•	40	110.6	160.7	405.2	••	68.4
	31 Hospital admissions for mental health conditions	•	10	29.0	89.5	249.7		26.3
	32 Hospital admissions as a result of self-harm (10-24 years)	•	85	348.4	439.2	1,105.4		126.2

#### Notes and definitions

- % children immunised against measles, mumps and rubella (first dose by age 2), 2019/20
- 4. % children completing a course of immunisation against diphtheria, tetanus, polio, pertussis and Hib by age 2, 2019/20
- 5. % children in care with up-to-date immunisations, 2020 6. % children achieving a good level of development within Early Years Foundation Stage Profile, 2018/19
- 7. GCSE attainment: average attainment 8 score, 2019/20 8. GCSE attainment: average attainment 8 score of children
- looked after, 2019 9. % of 16-17 year olds not in education, employment or
- training (NEET) or whose activity is not known, 2019 10. Rate per 100,000 of 10-17 year olds receiving their first
- reprimand, warning or conviction, 2018 11. % of children aged under 16 living in relative low income families, 2018/19
- Mortality rate per 1,000 live births (aged under 1), 2017-2019
  Directly standardised rate per 100,000 children aged 1-17, 2017-2019
  Crude rate of households including one or more dependent children owed a prevention or relief duty under the Homelessness Reduction Act per 1 000 households 2019/20 

   Crude rate of households including one of more dependent children owed a prevention or relief duty under the Homelessness Reduction Act per 1,000 households, 2019/20
   2019/20

   Rate of children looked after at 31 March per 10,000 resultation and under 18, 2020
   22. Hospital admissions for alcohol-specific conditions – under 18, crude rate per 100,000 population, 2017/18-2019/20

   23. Directly standardised rate per 100,000 (aged 15-24) for interlief admissions for substance misuse. 2017/18-2019/20

  13. Rate of children looked after at 31 March per 10,000

  - 14. Crude rate of children aged 0-15 who were killed or seriously injured in road traffic accidents per 100,000 population, 2017-2019
  - Percentage of live-born babies, born at term, weighing less than 2,500 grams, 2019
    % school children in Reception year classified as obese,
  - 2019/20
  - 17. % school children in Year 6 classified as obese. 2019/20 18. % children aged 5 with visually obvious dental decay, 2018/19
  - Crude rate per 100,000 (aged 0-5) for hospital admissions for dental caries, 2017/18-2019/20
  - 20. Under 18 conception rate per 1,000 females aged 15-17, 2018

- 21. % of delivery episodes where the mother is aged less than 18,

- hospital admissions for substance misuse, 2017/18-2019/20
- 24. % of mothers smoking at time of delivery, 2019/20
- 25. % of newborns who receive breast milk as first feed, 2018/19
- % of mothers breastfeeding at 6-8 weeks, 2019/20
  Crude rate per 1,000 (aged 0-4) of A&E attendances, 2018/19
- 28. Crude rate per 10,000 (aged 0-14) for emergency hospital

- 20. Order rate per 10,000 (aged 15-24) for emergency hospital admissions following injury, 2019/20
  29. Crude rate per 10,000 (aged 15-24) for emergency hospital admissions following injury, 2019/20
  30. Crude rate per 100,000 (aged 0-18) for emergency hospital admissions for asthma, 2019/20
  - 31. Crude rate per 100,000 (aged 0-17) for hospital admissions for mental health. 2019/20
  - 32. Directly standardised rate per 100,000 (aged 10-24) for hospital admissions for self-harm, 2019/20

\*Numbers in italics are calculated by dividing the total number for the three year period by three to give an average figure Where data is not available or figures have been suppressed, this is indicated by a dash in the appropriate box