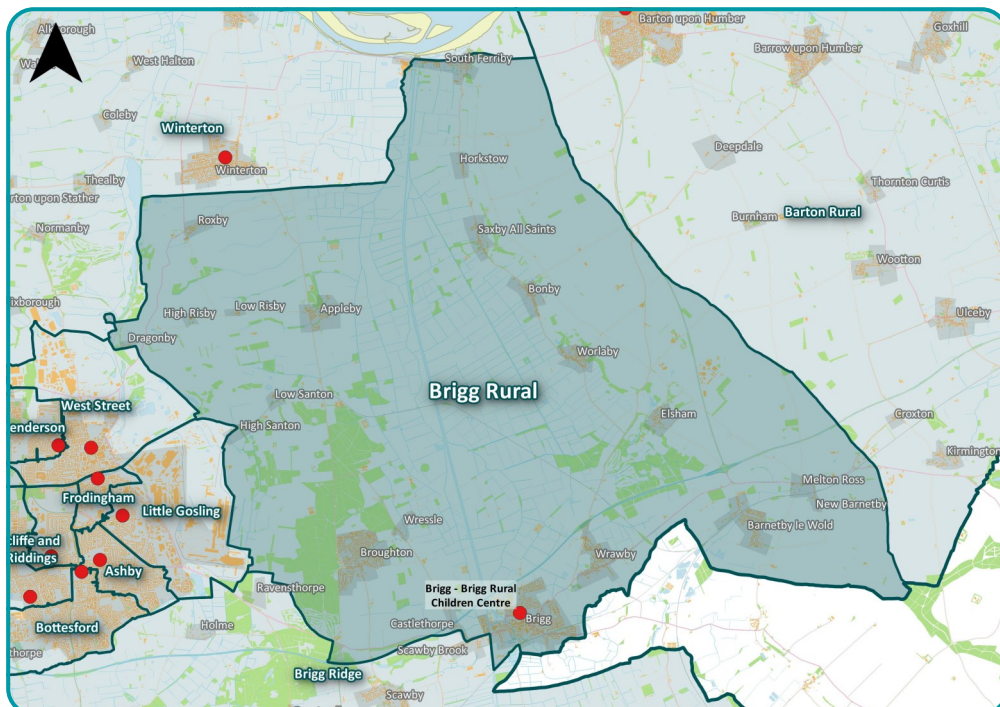




# Brigg Rural Children's Centre Profile 2023

## Part of the North Lincolnshire JSNA

This profile provides a brief picture of public health outcomes for mothers and under 5s in the Brigg Rural Children's Centre catchment area for 2023. This information, 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. The profile contains information on the child population residing in its catchment area, wider determinants of health and indicators of maternal and child health.



- Brigg Rural Children's Centre is located in Brigg and District locality and is coterminous with Brigg and Wolds and Broughton and Appleby wards.
- An estimated 765 under 5s live in this catchment area which represents 9% of all under 5s in North Lincolnshire; over a quarter (29%) of resident women are of child bearing age.
- The adult population of this area experience average health with male and female life expectancies similar to the local averages.
- This area has lower than average levels of child poverty with one in ten under 5s living in England's 30% most deprived neighbourhoods, 14% of under 16s living in relative low income and a fifth eligible for free school meals; all significantly below average.
- The general fertility rate, births to mothers born outside of the UK and to women of a minority ethnic background are both significantly below average.
- The proportion of births that are premature, of low birth weight, to women under 20 and to smokers are all below average and amongst the lowest in North Lincolnshire; breastfeeding initiation and the number of women who are very overweight at booking are close to the local average.
- Under 5 attendance rates at Accident and Emergency are significantly lower than local and national average rates whilst admissions for respiratory infections and injury are broadly in line with the overall average for North Lincolnshire.
- A quarter of 5 year olds carry excess weight in this catchment area; by contrast the proportion of 11 year olds with excess weight is the second lowest but still amounts to a third of this age group.



# BRIGG - RURAL CHILDREN'S CENTRE 2023

## DEMOGRAPHICS AND LIFE EXPECTANCY

### Population (2020)



2655 women of child bearing age



260 babies aged 0-1yrs



500 toddlers aged 2-4yrs



1110 primary school children aged 5-10yrs



1040 secondary school children aged 11-15yrs

### Life Expectancy (2019-21)



79.6 years

0.9 years higher than North Lincolnshire



84 years

0.8 years higher than North Lincolnshire

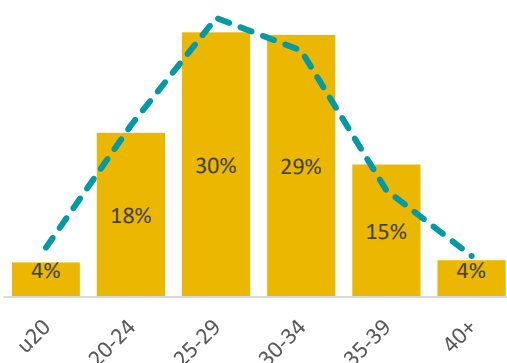
## MATERNITY AND BIRTH

Maternity Bookings and Deliveries	Brigg - Rural Children's Centre			North Lincolnshire		
Indicator	2016/17	2021/22	Diff	2016/17	2021/22	Diff
Maternity Bookings	160	130	▼	1800	1585	▼
Body Mass Index >30 at Booking	21.6	26.4	▲	29.2	28.7	▼
Births	145	125	▼	1780	1600	▼
% Births to women with ethnicity not 'British'	*	8.1		20.2	21.4	▲
% Smoking at Delivery	22.1	12.0	▼	19.9	17.0	▼
% Initiating Breast Feeding	66.2	70.3	▲	66.4	66.0	▼

\* Numbers of 7 or less and associated crude rates or proportions have been suppressed

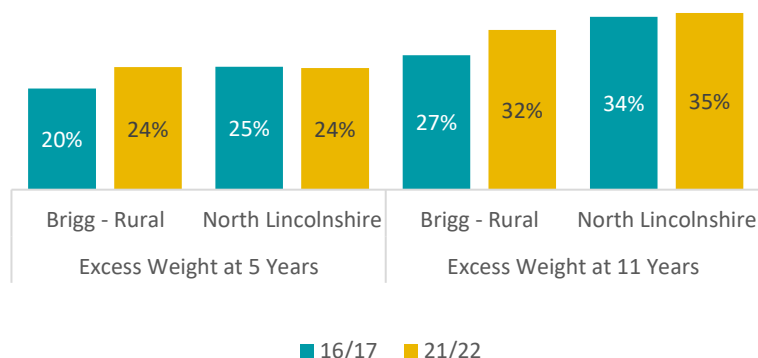
### Mothers Age at Delivery

Brigg - Rural NL



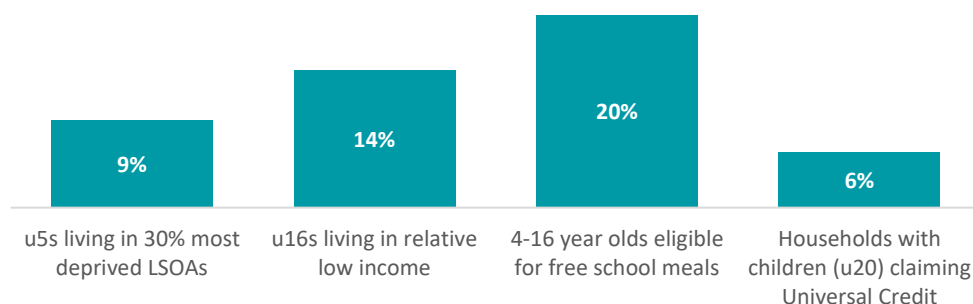
## EXCESS WEIGHT

### % Children with Excess Weight at 5 and 11 Years



## DEPRIVATION

### Deprived Population



Number of households with children on Universal Credit (Aug 2022) 490

Number of children living in relative low income (DWP, 2020/21) 420



Icons from Health Icons

# CHILDREN'S CENTRE PROFILE 2023 - Brigg - Rural

Indicators	Period	Children's Centre			All Children's Centres (rate)			Brigg and District (rate)	North Lincs (rate)	England (rate)
		Number	Rate	Direction	Worst / Lowest	← Rank →	Best / Highest			
DEMOGRAPHICS										
Total resident population (%) (a)	2020	18115	10.5	▼	2.6		13.5	17.9	100.0	na
Resident population under 1 year (%) (a)	2020	130	8.2	▼	3.1		13.8	13.5	100.1	na
Resident population under 3 years (%) (a)	2020	405	8.1	▼	3.5		11.9	14.3	100.0	na
Resident population under 5 years (%) (a)	2020	765	8.7	▲	3.4		11.8	14.8	100.0	na
Resident women of child bearing age (15-44yrs) (%) (a)	2020	2655	28.8	▼	26.9		45.4	28.0	32.7	37.0
Mothers born outside the United Kingdom (%) (a)	2021	10	8.3		*		65.8	7.1	18.6	29.6
WIDER DETERMINANTS OF HEALTH										
Proportion of population (u5yrs) living in 30% most deprived LSOAs (%) (b)	2020	70	9.2	▲	89.7		0.0	5.4	38.6	36.1
Children (0-15) Living in Relative Low Income (%) (b)	2020/21	420	14.4	▼	38.4		10.2	12.7	22.1	18.5
Households with children claiming Universal credit (0-19yrs) (%) (b)	Aug 2022	490	5.8		17.3		4.1	5.1	8.6	na
Free School Meal eligibility (4-16yrs) (%) (b)	Dec 2022	510	20.3		35.8		12.7	17.2	22.6	21.2
Children (u16) in receipt of DLA (%) (b)	2020/21	100	3.4	▼	3.2		7.0	3.5	4.6	4.9
Readiness for school at 5 years of age (%) (c)	2021/22	115	66.1	▼	43.6		76.3	68.1	65.0	65.2
Children in Need (0-10yrs) (rate per 10000) (b)	Nov 2022	15	80.1	▼	225.2		*	63.1	108.7	na
GCSE attainment (4-9) in English and Maths (%) (c)	2021/22	120	70.6		56.6		78.1	70.2	68.1	69.0
PREGNANCY AND CHILDBIRTH										
Maternity bookings (Number) (a)	2021/22	130	130.0	▼	45.0		240.0	205.0	1585.0	na
Late maternity bookings >12 weeks 6 days (%) (b)	2019/20-2021/22	35	8.0	▼	4.6		22.4	7.2	10.6	na
Women booking with BMI over 30 (%) (b)	2019/20-2021/22	115	26.4	▲	36.3		20.4	27.5	28.7	na

# CHILDREN'S CENTRE PROFILE 2023 - Brigg - Rural

Indicators	Period	Children's Centre			All Children's Centres (rate)			Brigg and District (rate)	North Lincs (rate)	England (rate)
		Number	Rate	Direction	Worst / Lowest	← Rank →	Best / Highest			
PREGNANCY AND CHILDBIRTH (continued)										
Live births (general fertility rate) (Fertility rate per 1000 wcba) (a)	2021	125	47.1	▼	43.9		66.3	50.0	56.0	55.3
Premature births (<37 weeks) (%) (a)	2019/20-2021/22	30	8.1	▲	11.8		6.3	7.4	9.1	7.9
Births to women with ethnicity not British (%) (b)	2019/20-2021/22	30	8.1		*		70.6	6.6	21.4	na
Smoking at delivery (%) (b)	2019/20-2021/22	45	12.0	▼	27.1		8.1	10.7	17.0	9.1
Live births to women under 20 (%) (a)	2019/20-2021/22	10	2.7		*		9.5	1.6	4.5	2.2
Low weight births <2500 grams (%) (a)	2019/20-2021/22	20	5.4	▼	9.8		4.8	4.9	7.3	6.9
Breastfeeding Initiation (%) (c)	2019/20-2021/22	260	70.3	▲	54.8		73.9	71.3	66.0	67.4
HEALTH IMPROVEMENT INDICATORS										
A&E attendances (u5yrs) (rate per 1,000) (b)	2021/22	460	602.9	▲	1006.0		523.4	570.1	717.7	659.8
Admissions for accidental injury (0-14s) (rate per 10,000) (b)	2021/22	70	86.3	▼	140.1		71.1	80.1	92.1	75.7
Admissions for lower tract respiratory infections (u5s) (rate per 1,000) (b)	2019/20-2021/22	30	13.1		25.0		*	14.1	14.6	na
Children scoring above threshold in all 5 domains in 2 1/2 year ASQ (%) (c)	2018/19	135	87.7		81.0		94.7	89.1	88.1	84.1
Children with excess weight at 5 years of age (%) (b)	2019/20-2021/22	115	24.5	▲	29.0		19.2	22.6	24.3	22.6
Children with excess weight at 11 years of age (%) (b)	2019/20-2021/22	180	31.9	▲	40.6		31.4	32.8	35.3	35.8
Male life expectancy at birth (years) (c)	2019-2021	na	79.6	▲	73.9		81.8	80.6	78.7	79.4
Female life expectancy at birth (years) (c)	2019-2021	na	84.0	▲	79.4		87.4	84.1	83.2	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 children's centre with the profiled centre highlighted in black. Where shown, the horizontal line represents the North Lincolnshire average rate. The direction of travel is relative to the last set of published profiles - in this case 2016/17. \* Numbers of 7 or less and associated crude rates or proportions have been suppressed. All numbers are rounded to nearest 5. Higher rate values can be categorised as (a) higher than average; (b) worse than average; (c) better than average.

Indicator	Details
<b>DEMOGRAPHICS</b>	
Total resident population	Period - 2020, % - Numerator: Area resident population (persons, all ages) - ONS, Denominator: North Lincolnshire resident population (persons, all ages) - ONS 2020
Resident population under 1 year	Period - 2020, % - Numerator: Area resident population (persons, 0yrs) - ONS, Denominator: NL resident population (persons, 0yrs) - ONS 2020
Resident population under 3 years	Period - 2020, % - Numerator: Area resident population (persons, 0-2yrs) - ONS, Denominator: NL resident population (persons, 0-2yrs) - ONS 2020
Resident population under 5 years	Period - 2020, % - Numerator: Area resident population (persons, 0-4yrs) - ONS, Denominator: NL resident population (persons, 0-4yrs) - ONS 2020
Resident women of child bearing age (15-44yrs)	Period - 2020, % - Numerator: Area resident population (females, 15-44yrs) - ONS, Denominator: Area resident female population (all ages) - ONS 2020
Mothers born outside the United Kingdom	Period - 2021, % - Numerator: Resident mothers registering a birth, born outside of the UK - NHSD, Denominator: All live births to area resident mothers - NHSD 2021; Note - YH and England rates from Nomis (2021)
<b>WIDER DETERMINANTS OF HEALTH</b>	
Proportion of population (u5yrs) living in 30% most deprived LSOAs	Period - 2020, % - Numerator: Area population living in 3 most deprived national deciles (IMD 2019) (persons, 0-4yrs) - ONS, Denominator: Population living in North Lincolnshire (persons, all ages) - ONS 2020; Note - No regional data
Children (0-15) Living in Relative Low Income	Period - 2020/21, % - Numerator: Children (0-15) Living in Relative Low Income (PHOF B01b) - DWP 2020/21, Denominator: Area resident population (persons, 0-15yrs) - ONS 2020
Households with children claiming Universal credit (0-19yrs)	Period - Aug 2022, % - Numerator: Number of households with children (0-19yrs) claiming Universal Credit - DWP Aug 2022, Denominator: Number of residential dwellings in area - LLPG Oct 2022
Free School Meal eligibility (4-16yrs)	Period - Dec 2022, % - Numerator: Number of children (4-16yrs) assessed as eligible for free school meals - NLC Dec 2022, Denominator: Area resident population (persons, 4-16yrs) - ONS 2020
Children (u16) in receipt of DLA	Period - 2020/21, % - Numerator: Children (u16) in receipt of DLA - NOMIS Feb 2020, Denominator: Area resident population (persons, 0-15yrs) - ONS 2020
Readiness for school at 5 years of age	Period - 2021/22, % - Numerator: Children achieving a good level of development at the end of reception (PHOF B02a) - DfE, Denominator: Resident Children attending local schools reaching age 5 by end of School Year - DfE 2021/22
Children in Need (0-10yrs)	Period - Nov 2022, rate per 10000 - Numerator: Children in Need aged 0-10 - NLC Nov 2022, Denominator: Area resident population (persons, 0-10yrs) - ONS 2020
GCSE attainment (4-9) in English and Maths	Period - 2021/22, % - Numerator: Pupils achieving 4+ in both English and Maths GCSE examinations - NLC, Denominator: Pupils entered for GCSE examinations in N Lincs schools - NLC 2021/22; Note - NL, national and regional values from published KS4 data 2021/22
<b>PREGNANCY AND CHILDBIRTH</b>	
Maternity bookings	Period - 2021/22, Number - Numerator: Number of area resident mothers making first maternity booking - NLAG 2021/22, Denominator: 0 - 0 0
Late maternity bookings >12 weeks 6 days	Period - 2019/20-2021/22, % - 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 2019/20-2021/22
Women booking with BMI over 30	Period - 2019/20-2021/22, % - Numerator: Number of area resident mothers with 30+ BMI at maternity booking - NLAG, Denominator: North Lincs resident mothers making first maternity booking - NLAG 2019/20-2021/22
Live births (general fertility rate)	Period - 2021, Fertility rate per 1000 wcb - Numerator: Live births to area resident mothers - NOMIS/ONS 2021, Denominator: Area resident women of child bearing age population (female, 15-44yrs) - ONS 2020; Note - LA, YH and Eng: OHID Child and Maternal Health profiles - crude rate 2020 - data from NOMIS
Premature births (<37 weeks)	Period - 2019/20-2021/22, % - Numerator: Number of area resident mothers having a premature (<37 weeks) birth - NLAG, Denominator: All live births to area resident mothers - NLAG 2019/20-2021/22; Note - YH and England rates are 2018-20 OHID Child and Maternal Health - current (2018-20) value 9.8 on fingertips (fingertips indicator is all birth outcomes)



Indicator	Details
<b>PREGNANCY AND CHILDBIRTH (continued)</b>	
Births to women with ethnicity not British	Period - 2019/20-2021/22, % - Numerator: Births to resident women with ethnicity not 'British', where ethnicity is known - NLAG, Denominator: All live births to area resident mothers - NLAG 2019/20-2021/22
Smoking at delivery	Period - 2019/20-2021/22, % - Numerator: Number of area resident mothers who smoke at the time of delivery - NLAG, Denominator: All deliveries to area resident mothers - NLAG 2019/20-2021/22; Note - YH and England values 2021/22 OHID Child and Maternal Health
Live births to women under 20	Period - 2019/20-2021/22, % - Numerator: Live births to area resident mothers who are under 20 at time of delivery - NLAG, Denominator: All live births to area resident mothers - NLAG 2019/20-2021/22; Note - YH and England data from Nomis 2021
Low weight births <2500 grams	Period - 2019/20-2021/22, % - Numerator: Live births to area resident mothers where birth weight is <2500 grams - NLAG, Denominator: All live births to area resident mothers - NLAG 2019/20-2021/22; Note - Regional and national values from OHID Fingertips 2020
Breastfeeding Initiation	Period - 2019/20-2021/22, % - Numerator: Number of babies for whom breastfeeding is initiated - NLAG, Denominator: All live births to area resident mothers - NLAG 2019/20-2021/22; Note - YH and England from OHID Child and Maternal Health 2018/19
<b>HEALTH IMPROVEMENT INDICATORS</b>	
A&E attendances (u5yrs)	Period - 2021/22, rate per 1,000 - Numerator: Number of A&E attendances for area residents (0-4yrs) - HES 2021/22, Denominator: Area resident population (persons, 0-4yrs) - ONS 2020; Note - England and Regional data for 2019/20: OHID Child and Maternal Health. NL value 580.6
Admissions for accidental injury (0-14s)	Period - 2021/22, rate per 10,000 - Numerator: Number of emergency hospital admissions for accidental or intentional injury for area residents (0-14yrs) (PHOF C11a) - HES 2021/22, Denominator: Area resident population (persons, 0-14yrs) - ONS 2020; Note - England and Regional at 2020/21: OHID Child and Maternal Health. NL value 80.4
Admissions for lower tract respiratory infections (u5s)	Period - 2019/20-2021/22, rate per 1,000 - Numerator: Number of emergency hospital admissions for lower tract respiratory infections for area residents (0-4yrs) - HES 2019/20-2021/22, Denominator: Area resident population (persons, 0-4yrs) - ONS 2020 x3
Children scoring above threshold in all 5 domains in 2 1/2 year ASQ	Period - 2018/19, % - Numerator: Children turning 2 1/2, scoring above threshold in all 5 domains in ASQ 2 1/2 year check - RDaSH, Denominator: All children turning 2 1/2 in year - RDaSH 2018/19; Note - North Lincolnshire official figure 88.1% on fingertips for 2018/19.
Children with excess weight at 5 years of age	Period - 2019/20-2021/22, % - Numerator: Resident children with excess weight at 5 years of age (PHOF C09a) - PHE, Denominator: Resident 4-5 year olds participating in NCMP - PHE 2019/20-2021/22; Note - England from PHOF 2018/19 - 2021/22 NL rate 24.3, Data from the 2020/21 NCMP collection year has not been included in the 3-year combined indicator as nationally this was 25% of the normal year sample. As per Fingertips 3 year rate definition, 2018/19 has been used in the place of 2020/21 data.
Children with excess weight at 11 years of age	Period - 2019/20-2021/22, % - Numerator: Resident children with excess weight at 11 years of age (PHOF C09b) - PHE, Denominator: Resident 10-11 year olds participating in NCMP - PHE 2019/20-2021/22; Note - England figure from PHOF 2019/20 - 2021/22; NL value 35.3 Data from the 2020/21 NCMP collection year has not been included in the 3-year combined indicator as this was 25% of the normal year sample. As per Fingertips 3 year rate definition, 2018/19 has been used in the place of 2020/21 data.
<b>HEALTH IMPROVEMENT INDICATORS (continued)</b>	
Male life expectancy at birth	Period - 2019-2021, years - Numerator: Area aggregate number of resident male deaths (all ages) (A01b) - NHSD 2019-2021, Denominator: Area aggregate population (males, all ages) - ONS 2020 x3; Note - Y&H and England rates are 2018-2020 (PHOF)
Female life expectancy at birth	Period - 2019-2021, years - Numerator: Area aggregate number of resident female deaths (all ages) (A01b) - NHSD 2019-2021, Denominator: Area aggregate population (females, all ages) - ONS 2020 x3; Note - Y&H and England rates are 2018-2020 (PHOF)