



Children and Young People Health and Wellbeing Profile: Cheshire & Warrington

Update 2020

Public Health Institute, Faculty of Health, Liverpool John Moores University, 3rd Floor Exchange Station
Tithebarn Street | Liverpool L2 2QP | phi@ljmu.ac.uk | www.ljmu.ac.uk/phi

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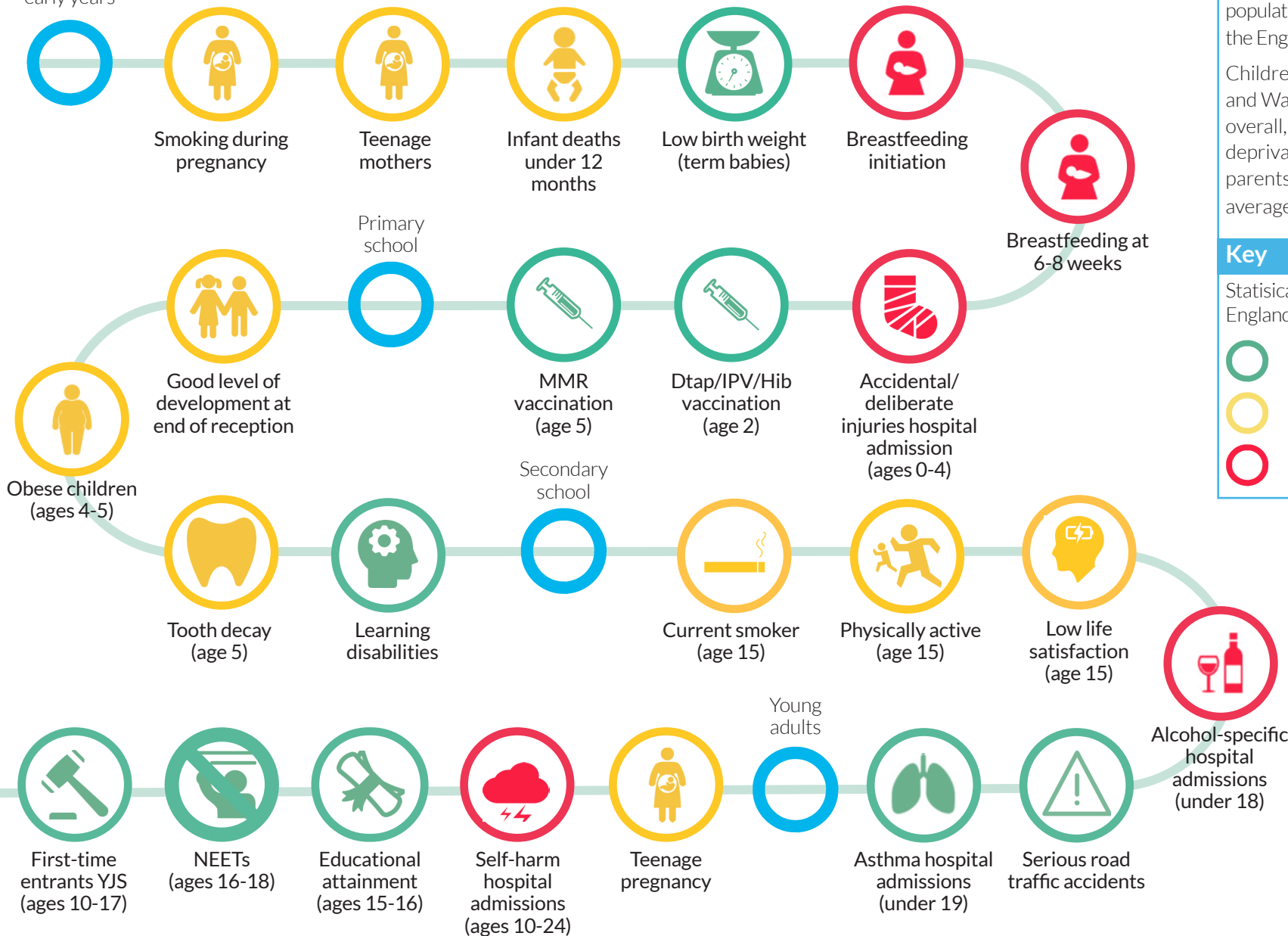
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For more information please contact: Janet Ubido, Public Health Institute, Liverpool John Moores University, email: j.ubido@ljmu.ac.uk

Children and Young Adults in Cheshire & Warrington

Prebirth & early years

A comparison to England, 2020



Cheshire & Warrington Facts

Children and young people represent 27.2% of the total Cheshire & Warrington population (aged 0-24 years), similar to the England average of 29.8%

Children and young people in Cheshire and Warrington face a good start in life overall, with significantly lower levels of deprivation, child poverty and lone parents, compared to the national average.

Key

Statistical significance compared to England:

- Better
- Similar
- Worse

This work is based on the latest published data as of June 2020, and was commissioned by the Cheshire & Merseyside Public Health Intelligence Network and Champs Public Health Collaborative.

For more information and data sources please contact Janet Ubido, Champs Researcher, Public Health Institute LJMU email: j.ubido@ljmu.ac.uk

Originally based on a template from Halton Public Health Intelligence Team. Icons made by Flaticon.com.

Introduction

This is an update of the 2017 Children and Young People Health Profile¹. It provides a summary of demographics and key statistics for: pre-birth and early years, primary school years and from older childhood to becoming a young adult. The profile will inform strategic priorities and potential areas for collaborative working. Not all data in this report is updated annually. Data presented here is the latest published information as of May 2020.

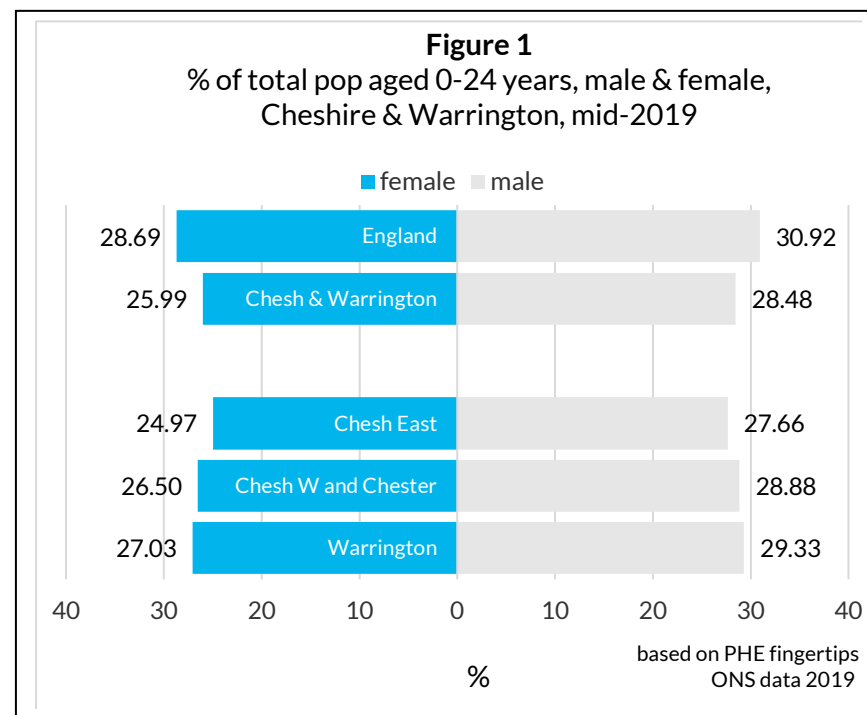
Children and young people in Cheshire & Warrington

Children and young people (0-24 years) represent 27.21% of the total Cheshire and Warrington population, which is lower than the England average of 29.79% (see Figure 1 for males and females and totals in Appendix). Amongst the local authorities that make up the region, there is a relatively low proportion of young people in Cheshire East. There are slightly smaller proportions of females compared to males aged 0-24 years in each local authority.

In Warrington, 13.3 % of children belong to a minority ethnic group, 12.1% in Cheshire East and only 9.6% in Cheshire West and Chester - all far fewer than the national average of 33.0%².

Children and young people in Cheshire and Warrington face a good start in life overall, with significantly lower levels of deprivation and child poverty compared to the national average (Table 1). Cheshire East has the lowest deprivation and child poverty levels in the North West (NW). However, there are still clear pockets of need within each local authority, as illustrated in the small area map of the Index of Multiple Deprivation produced by Public Health England³. In Warrington, levels of lone parent families and looked after children are higher than the national average, although child poverty is the second lowest in the NW.

In Warrington, rates of hospital admission for asthma amongst children and young people are significantly lower than the England average and the lowest across the NW. However, all three authorities in Cheshire and Warrington have significantly higher rates of admissions caused by unintentional and deliberate injuries.



¹ [Children and young people health and wellbeing profile. Cheshire and Warrington 2017.pdf](#)

² [Fingertips Child-Health-Profiles 2020](#)

³ e.g. IMD 2015 from 'PHE local health': localhealth.org.uk/imd/2015

Table 1. Indicators across all children and young adult stages (Interpretation guide on last page)

GREEN better **YELLOW** similar **RED** worse than England average

	Cheshire East	Cheshire West & Chester	Warrington	Cheshire & Warrington	Cheshire & Merseyside	England
% of people in an area living in 20% most deprived areas in England 2014 (IMD 2015)	8.5	16.3	18.5	13.6	33.1	20.2
*% Children living in poverty, aged <16 years, 2016	10.2	12.7	11.5	11.4	17.9	17.0
% of households that have lone parents with dependent children, 2011	5.9	6.4	7.3	6.4	8.3	5.9
Looked after children, <18 years old, per 10,000, 2019	63.4	70.5	86.5	71.4	100.4	65.4
Hospital admissions caused by unintentional and deliberate injuries, aged 0-14 years, crude rate per 10,000, 2018/19	117.4	120.9	112.3	117.5	113.8	96.1
Asthma hospital admissions, aged <19 years, crude rate per 100,000, 2018/19	167.4	188.3	96.1	158.1	202.1	178.4

* i.e. 'Children in low income families' - used in PHE 2020 Child Health Profiles - not 'English Indices of Deprivation 2015, IDACI (Income Deprivation, children aged <16 years) proportion of all children aged 0-15 years living in income deprived families', as in LCR 2017 profile.

Pre-birth and early years

The first 1,000 days from conception and the early years are essential to ensuring children are healthy, ready to learn, grow and have good life chances. For Cheshire and Warrington, there is a mixed picture for babies and young children (Table 2).

Better or similar compared to England averages:

- In **Warrington**, significantly fewer women smoke during pregnancy, with the second lowest level in the NW. Levels in **Cheshire East** and **Cheshire West and Chester** are similar to the national average.
- Levels of infant mortality and low birthweight are similar to the national average in **each local authority area** – with low birth weight at a significantly lower level in **Cheshire West and Chester**.
- In **Cheshire East**, levels of breastfeeding 6-8 weeks after birth are significantly higher than the national average.
- **All local Authority areas** have significantly higher vaccination uptake for MMR and Dta/IPV/HIB.

Worse compared to England averages:

- In **Cheshire West & Chester** and **Warrington**, significantly fewer babies are breastfed;
- **All local Authority areas** in Cheshire & Warrington have significantly higher rates of hospital admissions for babies, and for childhood injuries in **Cheshire East** and **Cheshire West & Chester**. In **Warrington** the rate of hospital admissions for babies is the highest in the NW, with a rate two and a half times the national average.

Table 2. Pre-birth and early years indicators (Interpretation guide on last page)

GREEN better **YELLOW** similar **RED** worse than England average

	Cheshire East	Cheshire West & Chester	Warrington	Cheshire & Warrington	Cheshire & Merseyside	England
Pre-birth & maternal health						
*Number of births, 2018	3,642	3,314	2,174	9,130	26,184	625,651
% smoking during pregnancy, 2018/19	10.9	10.6	8.1	10.2	12.8	10.6
Mild-moderate depressive illness and anxiety in perinatal period (numbers, lower estimate), 2017/18	294.3	269.7	162.8	726.8	2,058.7	49,218.8
Teenage mothers, % aged 12-17 years, 2017/18	0.6	0.5	0.8	0.6	0.8	0.6
Early years (ages 0-4)						
Infant mortality rate: deaths under 12 months, per 1,000 live births, 2016/18	3.4	3.1	3.6	3.3	4.3	3.9
Low birth weight of term babies, % all births, 2018	2.4	2.2	2.5	2.4	2.4	2.9
% baby's first feed breastmilk, 2018/19	65.1	63.1	58.7	62.9	57.6	67.4
**% breastfeeding at 6-8 weeks after birth, 2018/19	50.92	**	39.4	44.7	36.0	46.2
Admissions of babies under 14 days, per 1,000, 2018/19	122.2	115.4	206.6	139.2	111.0	77.0
Hospital admissions for unintentional and deliberate injuries in children, aged 0-4 years, 2018/19, Crude rate - per 10,000	157.9	153.5	134.1	150.7	142.9	123.1
%Dtap /IPV/Hib vaccination, aged 2 years, 2018/19	96.1	95.6	96.9	96.1	95.8	94.2
%MMR vaccination - 2 doses, aged 5 years, 2018/19	91.89	88.73	90.38	90.32	89.12	86.43
% children in care with up-to-date vaccinations, aged <18 years, 2019	93.6	96.1	87.3	92.7	89.0	86.8

* data source ONS: <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/datasets/birthsummarytables>

** % not published for data quality reasons. Count & denominator were available, so were used to calculate combined authority totals.

Primary school

Primary school is a significant milestone and presents a key opportunity for tackling health and social inequalities faced by children across Cheshire and Warrington. For the indicators shown in Table 3, the Cheshire and Warrington region compares better or similar to the national average.

Better compared to England averages:

- **Warrington** has significantly better levels of school readiness, and levels in **Cheshire East** and **Cheshire West & Chester** are similar to the national average. The three Cheshire & Warrington authorities are second, third and fourth best in the NW. Warrington is best in the NW on school readiness for those with free school meals.
- **Cheshire East** has significantly fewer obese children age 10-11 years. Levels in Cheshire West and Chester, Warrington, and in all three authorities for ages 4-5, are similar to the national average and amongst the lowest in the NW. These levels are still a cause for concern, as national levels are very high, at around 1 in 10 for ages 4-5 and 1 in 5 for ages 10-11.
- **Cheshire West & Chester** and **Warrington** have the second and fourth lowest levels in the NW of children with decayed or missing teeth (for all except the three where data was not available).

Worse compared to England averages:

- In **Cheshire East**, only around half of children with free school meals have good levels of school readiness – significantly fewer than the national average.

Further comments: lower levels of children with learning disabilities known to schools could be an indication of delayed diagnosis or under-diagnosis. To interpret this value further local investigation is needed.

Table 3. Primary school indicators (Interpretation guide on last page)

GREEN better **YELLOW** similar **RED** worse than England average

	Cheshire East	Cheshire West & Chester	Warrington	Cheshire & Warrington	Cheshire & Merseyside	England
% children achieving a good level of development at the end of reception, 2018/19	72.8	71.8	73.6	72.6	69.4	71.8
% children with free school meals achieving a good level of development at the end of reception, 2018/19	50.5	52.5	61.4	54.5	52.2	56.5
% obese children, aged 4-5 years, 2018/19	9.1	9.1	9.7	9.2	11.0	9.7
% obese children, aged 10-11 years, 2018/19	17.9	19.4	19.0	18.7	21.4	20.2
% with obvious dental decay, aged 5 years, 2019/20	not available	22.7	24.3	not available	not available	23.4
Children with learning disabilities known to schools, per 1,000 pupils, 2018	18.7	28.4	32.4	25.5	32.2	33.9

Secondary school to young adults

Progression to secondary school gives new opportunities and choices for many children and young adults. It is essential that children are supported with positive environments and opportunities to grow in to confident and healthy young adults. The Cheshire and Warrington region compares significantly better to the national average for several of the selected indicators below and significantly worse for the four indicators relating to hospital admissions (Table 4). There are exceptions in some local authorities.

Better or similar compared to England averages:

- Teenage pregnancy rates in **Cheshire East** are the lowest in the NW, significantly lower than the national average. Rates in **Cheshire West & Chester** and **Warrington** are similar to the national average⁴.
- Chlamydia detection is significantly high in **Cheshire West & Chester** (the best in the NW) and similar to the national average in **Cheshire East**.
- **Cheshire East** has the second lowest rate of Children under 15 killed and seriously injured on England's roads, similar to the national average.
- Average educational attainment is significantly higher than the national average in **Cheshire East** and **Warrington** (second and third highest in the NW) and similar in **Cheshire West & Chester**.
- All local authority areas have the three lowest levels in the NW of young people not in employment, education or training (NEET) - significantly lower than the national average –and less than half the national average in **Cheshire East**
- **Warrington** has significantly lower levels of first-time entrants to the youth justice system - the lowest in the NW. Levels in **Cheshire East** and **Cheshire West and Chester** are similar to the national figure.

Worse compared to England averages:

- Chlamydia detection in **Warrington** is significantly low.
- **Warrington** has significantly higher rates of hospital admissions of young people for unintentional and deliberate injuries, self-harm, alcohol, and substance misuse. There is a similar picture in **Cheshire East**, except for alcohol admissions, which are similar to the national average.
- **Cheshire West & Chester** has significantly high levels of hospital admissions of young people for self-harm, but similar levels to nationally for the other selected admissions data.

Young carers

There has been no update to numbers of young carers. 2011 census data showed the following:

- **Cheshire East** has significantly lower proportions of young carers – the lowest in the NW across each age group and level of care.
- **Warrington** has significantly high proportions of young carers at the lower level of care.

What About Youth survey

There has been no update to the **2014/15** 'What About Youth' survey, which showed the following, compared to national averages:

⁴ It should be noted that teenage pregnancy should not always necessarily be seen in negative terms, e.g. see [Social issues of teenage pregnancy](#) p.330
Children & Young People Health Profile 2020, Cheshire and Warrington

Better:

- In **Warrington** and **Cheshire East**, 15 year olds self-reported significantly lower daily mean sedentary time over the last week;
- In **Cheshire West and Chester**, significantly more 15 year olds self-reported being physically active for at least one hour per day seven days, with the highest level in the NW.

Worse:

- In **Cheshire East**, a significantly higher proportions of 15-year olds self-reported being drunk in the last four weeks, the second highest in the NW.

Table 4. Secondary school to young adult indicators (Interpretation guide on last page)

GREEN better **YELLOW** similar **RED** worse than England average

	Cheshire East	Cheshire West & Chester	Warrington	Cheshire & Warrington	Cheshire & Merseyside	England
Teenage pregnancy rate, conceptions per 1,000, aged <18 years, 2018	11.9	13.4	19.5	14.2	21.6	16.7
*Chlamydia detection, aged 15-24 years, per 100,000, 2018	1902.2	3435.1	1765.8	2465.9	2514.0	1974.9
Hospital admissions due to unintentional and deliberate injuries, aged 15-24 years, per 10,000, 2018/19	165.2	140.0	222.5	168.5	186.4	136.9
**Hospital admissions due to self-harm, aged 10-24 years, per 100,000, 2018/19	563.2	520.1	712.4	*572.4	*595.0	440.1
Hospital admissions due to alcohol specific conditions, aged <18 years, per 100,000, 2016/17 - 2018/19	37.3	34.7	48.6	39.0	49.6	31.5
**Hospital admissions due to substance misuse, aged 15-24 years, per 100,000, 2016/17 - 2018/19	116.2	76.1	176.2	*112.2	*125.5	83.1
Estimated number of children and young people with mental disorders, aged 5-17 years, 2017/18	6827	5932	3953	16713	43799	...
Children killed or seriously injured on England's roads, aged <15 years, per 100,000, 2016/18	*12.3	13.3	15.1	13.3	21.2	17.7
Average Educational Attainment 8 score, aged 15-16 years, 2018/19	49.4	47.5	49.3	48.7	45.9	46.9
#% not in education, employment or training (NEET), or activity unknown, aged 16-17 years, 2018	2.2	2.7	3.1	2.6	5.3	5.5
First time entrants to the youth justice system, per 100,000, aged 10-17 years, 2018	187.0	188.9	150.0	179.0	234.7	238.5
% children providing unpaid care, aged <15 years, 2011	0.94	1.05	1.23	1.05	1.22	1.11
% young people providing unpaid care, aged 16-24 years, 2011	4.11	4.68	5.16	4.57	5.60	4.81
% children providing considerable unpaid care, +20hrs per week, aged <15 years, 2011	0.15	0.15	0.25	0.17	0.25	0.21

	Cheshire East	Cheshire West & Chester	Warrington	Cheshire & Warrington	Cheshire & Merseyside	England
% young people providing considerable unpaid care, +20hrs per week, aged 16-24 years, 2011	1.0	1.3	1.4	1.19	1.67	1.31
% smokers, aged 15 years, 2014/15	7.5	6.8	9.0	7.70	7.6	8.20
% drunk in the last 4 weeks, aged 15 years, 2014/15	19.1	14.3	16.5	16.6	16.4	14.6
% mean daily sedentary time +7hrs per day in the last week, aged 15 years, 2014/15	67.1	70.3	66.7	68.1	72.4	70.1
##% physically active, aged 15 years, 2014/15	14.7	16.2	12.2	14.5	13.2	13.9
% reporting low life satisfaction, aged 15 years, 2014/15	12.8	12.3	12.4	12.5	13.1	13.7

*There are several data quality issues with this indicator: It is **not a measure of morbidity**. The number of positives detected is highly dependent on the screening services offered to the population. The Department of Health Public Health Outcomes Framework 2013-2016 recommends that local areas aim to achieve a chlamydia detection rate among 15 to 24 year olds of at least 2,300 per 100,000 population.

**Crude rates for Cheshire & Warrington and Cheshire & Merseyside (LA rates have been age-standardised by PHE)

Previously 16-18 years

More recent data from the 'Active Lives Children and Young People Survey 2018/19' covered Cheshire and Warrington, ages 5-16, but was not used here as it did not include Merseyside, except Sefton.

Interpretation guide

The values in each column on Tables 1-4 represent local measures for the identified row indicators in the named area. Some might have lower or higher values than others, but not be statistically different to the England comparator. Measures of statistical significance (such as 95% confidence intervals, as used here) give us an idea of precision and confidence that can be used when interpreting estimated local values and the probability that the difference shown is (or is not) a chance finding. The benchmarking method applied here is 'Confidence intervals overlapping reference value (95.0)' (PHE, indicator definitions⁵). Cheshire & Warrington rates have been calculated using the sum of rounded counts at local authority level.

GREEN means the value is statistically significantly better than the England value and the difference shown is not likely to be a chance finding.

YELLOW means the value is NOT statistically significantly different to the England value and the difference shown is not likely to be a chance finding.

RED means the value is statistically significantly worse than the England and the difference shown is not likely to be a chance finding.

Data sources

All data are from PHE's Data Visualisation Platform 'Fingertips' <https://fingertips.phe.org.uk>, unless otherwise stated



⁵ https://fingertips.phe.org.uk/search/development#page/6/gid/1/pat/6/par/E12000002/ati/202/are/E06000006/iid/90631/age/34/sex/4/cid/4/page-options/ovw-tdo-0_car-do-0

Appendix 1. Population count, Cheshire and Merseyside mid-2019

	Male		Female		All	
	count aged 0-24 years	% of total population	count aged 0-24 years	% of total population	count aged 0-24 years	% of total population
Halton	19,614	31.09	18,795	28.34	38,409	29.68
Knowsley	23,528	32.81	22,553	28.50	46,081	30.55
Liverpool	82,961	33.36	81,948	32.87	164,909	33.11
Sefton	37,579	28.24	35,296	24.63	72,875	26.36
St. Helens	25,751	28.93	24,218	26.44	49,969	27.67
Wirral	46,365	29.54	43,424	25.99	89,789	27.71
LCR total	235,798	30.92	226,234	28.39	462,032	29.63
Cheshire East	52,035	27.66	48,959	24.97	100,994	26.29
Cheshire West & Chester	48,307	28.88	46,590	26.50	94,897	27.66
Warrington	30,610	29.33	28,560	27.03	59,170	28.17
Cheshire & Warrington total	130,952	28.48	124,109	25.99	255,061	27.21
Cheshire & Merseyside total	366,750	30.01	350,343	27.49	717,093	28.72
England total	8,605,577	30.92	8,164,607	28.69	16,770,184	29.79

Based on ONS data:

<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/populationestimatesforukenglandandwalesscotlandandnorthernireland>

Appendix 2. Population by 5-year age bands (0-24 years), Cheshire and Merseyside, 2019

Total males & females	0-4 years	5-9 years	10-14 years	15-19 years	20-24 years	0-24 years	All ages total
Halton	7,580	8,483	8,379	7040	6927	38,409	129,410
Knowsley	10,235	9,706	9,011	8102	9027	46,081	150,862
Liverpool	29,509	28,099	24,808	29854	52639	164,909	498,042
Sefton	14,166	15,928	15,240	14015	13526	72,875	276,410
St. Helens	10,096	10,828	10,334	9142	9569	49,969	180,585
Wirral	17,553	19,797	19,320	17201	15918	89,789	324,011
LCR total	89,139	92,841	87,092	85354	107606	462,032	1,559,320
Cheshire East	20,307	22,080	22,415	19366	16826	100,994	384,152
Cheshire West & Chester	18,284	20,213	19,511	17664	19225	94,897	343,071
Warrington	11,596	13,020	12,601	11334	10619	59,170	210,014
Cheshire & Warrington total	50,187	55,313	54,527	48364	46670	255,061	937,237
Cheshire & Merseyside total	139,326	148,154	141,619	133718	154276	717,093	2,496,557
England	3,299,637	3,538,206	3,354,246	3,090,232	3,487,863	16,770,184	56,286,961

Based on ONS data:

<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/populationestimatesforukenglandandwalesscotlandandnorthernireland>

