

Child Health Profile

Shropshire

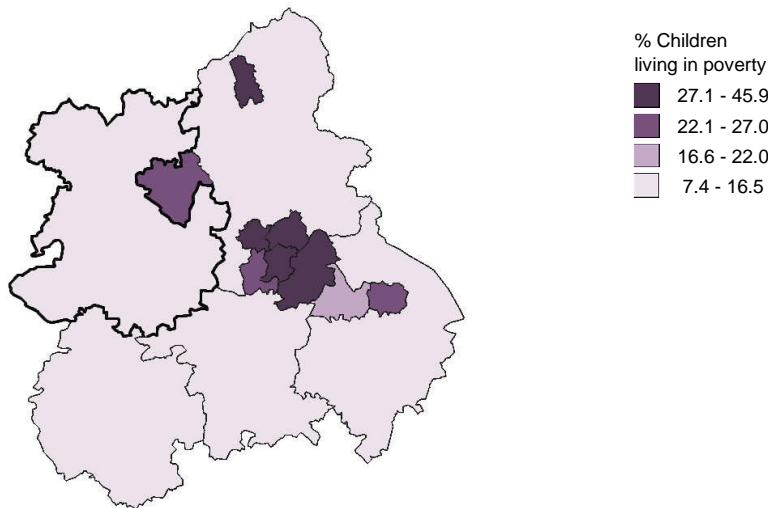
March 2013

This profile provides a snapshot of child health in this area. It is designed to help the local authority and health services improve the health and well-being of children and tackle health inequalities. This profile is produced by the Child and Maternal Health Observatory (ChiMat) working with West Midlands Public Health Observatory (WMPHO).

| The child population in this area | Local | West Midlands | England |
|--|-----------------|--------------------|---------------------|
| Live births in 2011 | 2,880 | 73,023 | 688,120 |
| Children (age 0-4 years), 2011 % of total population | 15,700 5.1% | 355,700 6.3% | 3,328,700 6.3% |
| Children (age 0-19 years), 2011 % of total population | 68,300 22.2% | 1,390,900 24.8% | 12,710,500 23.9% |
| Children (age 0-19 years) in 2020 (projected) % of total population | 69,255 21.6% | 1,458,399 24.5% | 13,575,943 23.7% |
| School children from black/ethnic minority groups % of school population (age 5-16 years) | 2,024 6.1% | 207,550 28.8% | 1,661,440 25.6% |
| % of children living in poverty (age under 16 years) | 13.6% | 23.8% | 21.1% |
| Life expectancy at birth | | | |
| Boys | 78.8 | 77.9 | 78.6 |
| Girls | 82.9 | 82.2 | 82.6 |

Children living in poverty

Map of the West Midlands, with Shropshire outlined, showing the relative levels of children living in poverty.



Contains Ordnance Survey data © Crown copyright 2012

Data sources: Live births, Office for National Statistics (ONS) 2011; population estimates, ONS 2011 Census mid-year estimates; population projections, ONS interim 2011-based subnational population projections; black/ethnic minority maintained school population, Department for Education 2012; children living in poverty, HM Revenue & Customs (HMRC) 2010; life expectancy, ONS 2008-10

Key findings

22.2% of the population of Shropshire is under the age of twenty. 6.1% of school children are from a black or minority ethnic group.

The health and well-being of children in Shropshire is generally better than the England average. Infant and child mortality rates are similar to the England average.

The level of child poverty is better than the England average with 13.6% of children aged under 16 years living in poverty. The rate of family homelessness is similar to the England average.

9.1% of children aged 4-5 years and 17.6% of children aged 10-11 years are classified as obese. 49.2% of children participate in at least three hours of sport a week which is worse than the England average.

A similar percentage of mothers initiate breastfeeding compared to the England average, with 75.6% breastfeeding. By six to eight weeks after birth, the percentage of mothers who breastfeed their babies is lower than the England average, with 43.8% of mothers continuing to breastfeed.

The percentage of babies being born with a low birth weight is similar to the England average. Smoking in pregnancy is known to increase the risk of a baby having a low birth weight. The percentage of women smoking in pregnancy is higher than the England average, with 15.0% of women smoking while pregnant.



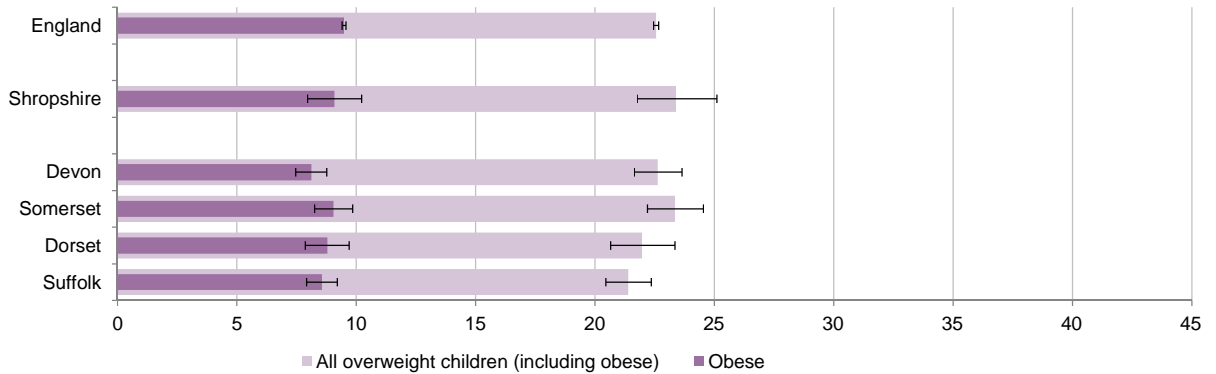
YORKSHIRE & HUMBER PUBLIC HEALTH OBSERVATORY



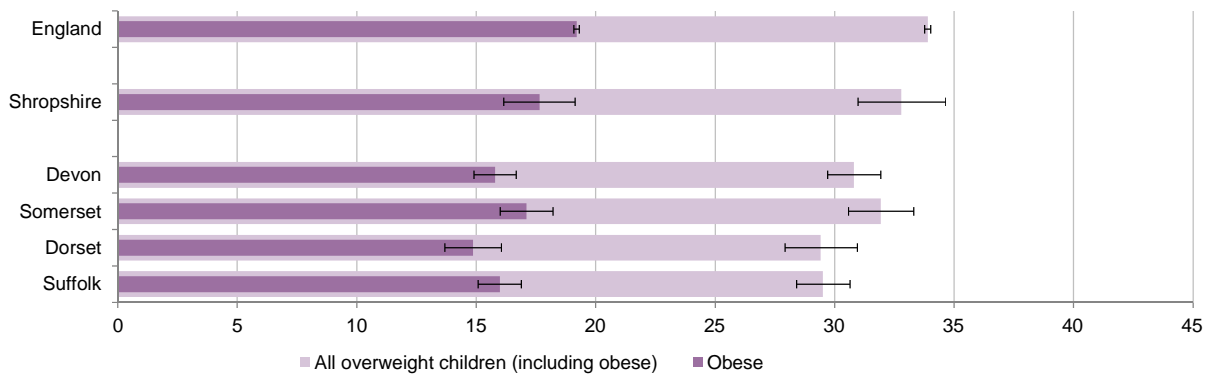
Childhood obesity

These charts show the percentage of children classified as obese or overweight in Reception (aged 4-5 years) and Year 6 (aged 10-11 years) by local authority compared to their statistical neighbours. This area has a similar percentage in Reception and a similar percentage in Year 6 classified as obese or overweight compared to the England average.

Children aged 4-5 years classified as obese or overweight, 2011/12 (percentage)



Children aged 10-11 years classified as obese or overweight, 2011/12 (percentage)



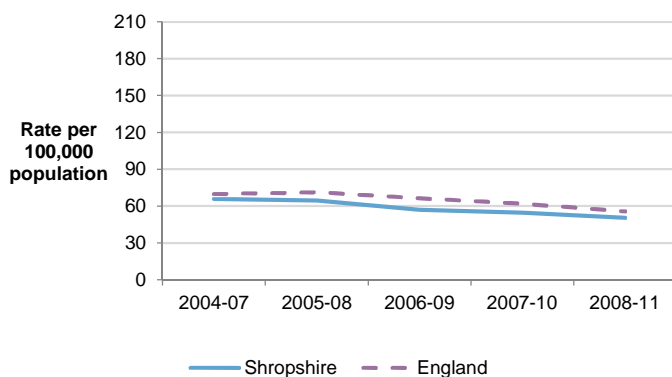
Note: This analysis uses the 85th and 95th centiles of the British 1990 growth reference (UK90) for BMI to classify children as overweight and obese. I indicates 95% confidence interval.

Data source: National Child Measurement Programme (NCMP), The Information Centre for health and social care

Young people and alcohol

Young people aged under 18 admitted to hospital with alcohol specific conditions (rate per 100,000 population aged 0-17 years)

In comparison with the 2004-07 period, the rate of young people under 18 who are admitted to hospital because they have a condition wholly related to alcohol such as alcohol overdose has decreased in the 2008-11 period. Overall rates of admission in the 2008-11 period are similar to the England average.

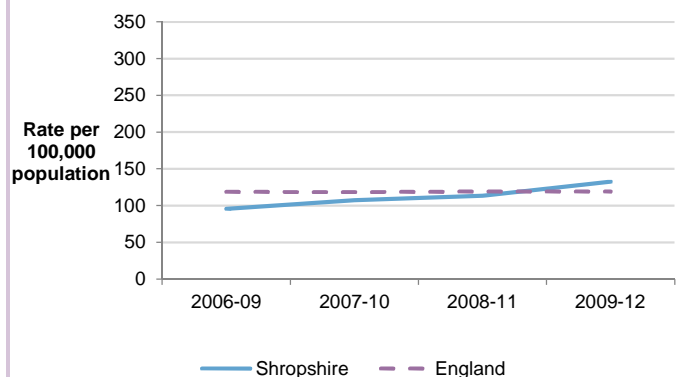


Data source: Local Alcohol Profiles for England, North West Public Health Observatory

Young people's mental health

Young people aged under 18 admitted to hospital as a result of self-harm (rate per 100,000 population aged 0-17 years)

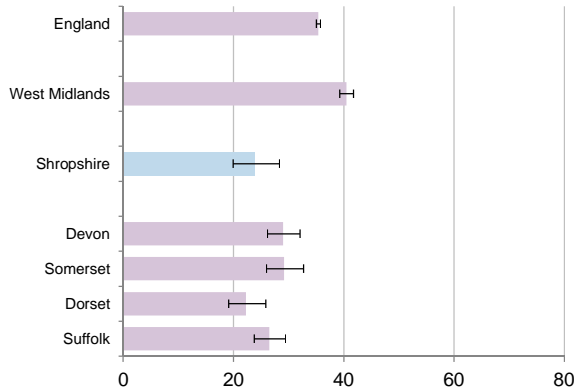
In comparison with the 2006-09 period, the rate of young people under 18 who are admitted to hospital as a result of self-harm has increased in the 2009-12 period. Overall rates of admission in the 2009-12 period are similar to the England average*. Nationally, levels of self-harm are higher among young women than young men.



*Information about admissions in the single year 2011/12 can be found on page 4
Data source: Hospital Episode Statistics, The Information Centre for health and social care

These charts compare Shropshire with its statistical neighbours, the England and regional average and, where available, the European average.

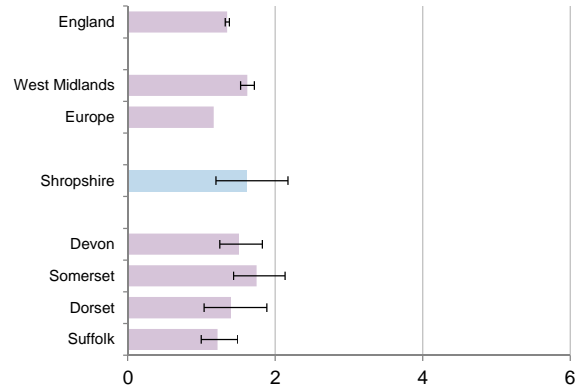
Teenage conceptions in girls aged under 18 years, 2010 (rate per 1,000 female population aged 15-17 years)



In 2010, approximately 24 girls aged under 18 conceived for every 1,000 of the female population aged 15-17 years in this area. This is lower than the regional average. The area has a lower teenage conception rate compared to the England average.

Data source: Department for Education

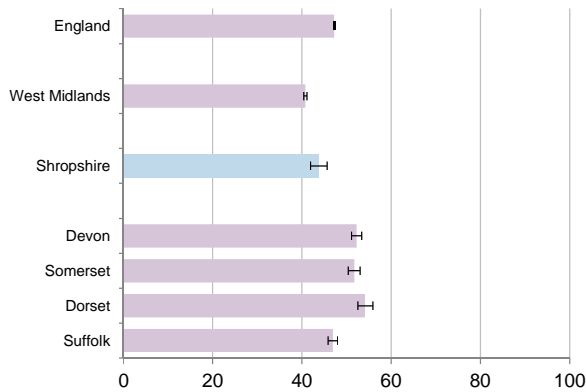
Teenage mothers aged under 18 years, 2011/12 (percentage of all deliveries)



In 2011/12, 1.6% of women giving birth in this area were aged under 18 years. This is similar to the regional average. This area has a similar percentage of births to teenage girls compared to the England average and a higher percentage compared to the European average of 1.2%*.

Data source: Hospital Episode Statistics, The Information Centre for health and social care
* European Union 27 average, 2009. Source: Eurostat

Breastfeeding at 6 to 8 weeks, 2011/12 (percentage of infants due 6 to 8 week checks)

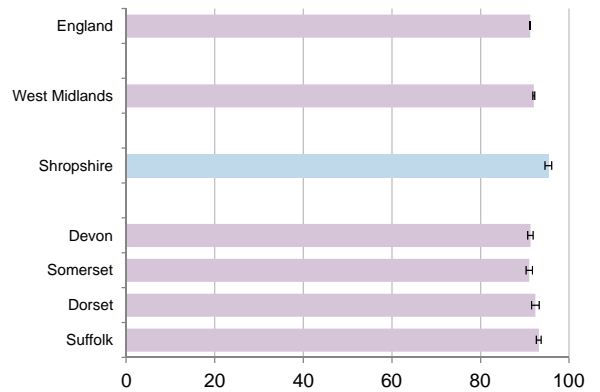


In this area, 43.8% of mothers are still breastfeeding at 6 to 8 weeks. This is lower than the England average. 75.6% of mothers in this area initiate breastfeeding when their baby is born. This area has a lower percentage of babies who have ever been breastfed compared to the European average of 89.1%*.

Data source: Department of Health

* European Union 21 average, 2005. Source: Organisation for Economic Co-operation and Development (OECD) Social Policy Division

Measles, mumps and rubella (MMR) immunisation by age 2 years, 2011/12 (percentage of children age 2 years)



A higher percentage of children (95.4%) have received their first dose of immunisation by the age of two in this area when compared to the England average. By the age of five, the percentage of children who have received their second dose of MMR immunisation is lower with 91.1% of children being immunised. This is higher than the England average. In the West Midlands, there were 31 laboratory confirmed cases of measles in young people aged 19 and under in the past year.

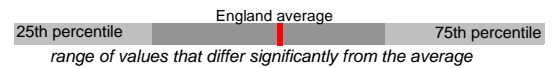
Data source: The Information Centre for health and social care, Health Protection Agency

Note: Where no data are available or have been suppressed, no bar will appear in the chart for that area.

Summary of child health and well-being in Shropshire

The chart below shows how children's health and well-being 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 which are shown as a grey bar. The red line indicates the England average. The key to the colour of the circles is shown below.

- Significantly worse than England average
- Not significantly different
- Significantly better than England average
- ◆ Regional average



| | Indicator | Local no. per year | Local value | Eng. ave. | Eng. worst | | Eng. best |
|----------------------------------|---|--------------------|-------------|-----------|------------|--|-----------|
| Preventable mortality | 1 Infant mortality rate | 11 | 3.8 | 4.4 | 8.0 | | 2.2 |
| | 2 Child mortality rate (age 1-17 years) | 9 | 13.6 | 13.7 | 23.7 | | 7.5 |
| Health protection | 3 MMR immunisation (by age 2 years) | 2,748 | 95.4 | 91.2 | 78.7 | | 97.2 |
| | 4 Diphtheria, tetanus, polio, pertussis, Hib immunisations (by age 2 years) | 2,825 | 98.0 | 96.1 | 85.7 | | 98.8 |
| | 5 Children in care immunisations | 125 | 89.3 | 83.1 | 0.0 | | 100.0 |
| | 6 Acute sexually transmitted infections (including Chlamydia) | 839 | 23.6 | 35.6 | 75.2 | | 19.9 |
| Wider determinants of ill health | 7 Children achieving a good level of development at age 5 | 1,933 | 67.7 | 63.5 | 51.5 | | 76.5 |
| | 8 GCSE achieved (5A*-C inc. Eng and maths) | 1,830 | 58.6 | 59.4 | 40.9 | | 79.6 |
| | 9 GCSE achieved (5A*-C inc. Eng and maths) for children in care | - | - | 14.6 | 0.0 | | 40.0 |
| | 10 Not in education, employment or training (age 16-18 years) | 480 | 5.2 | 6.1 | 11.8 | | 1.6 |
| | 11 First time entrants to the Youth Justice System | 153 | 514.3 | 876.4 | 2,436.3 | | 342.9 |
| | 12 Children living in poverty (aged under 16 years) | 6,755 | 13.6 | 21.1 | 45.9 | | 7.4 |
| | 13 Family homelessness | 206 | 1.7 | 1.7 | 7.4 | | 0.1 |
| | 14 Children in care | 205 | 34.0 | 59.0 | 150.0 | | 19.0 |
| | 15 Children killed or seriously injured in road traffic accidents | 6 | 12.1 | 22.1 | 47.9 | | 4.4 |
| Health improvement | 16 Low birthweight | 186 | 6.4 | 7.4 | 11.0 | | 5.0 |
| | 17 Obese children (age 4-5 years) | 225 | 9.1 | 9.5 | 14.5 | | 5.8 |
| | 18 Obese children (age 10-11 years) | 443 | 17.6 | 19.2 | 27.8 | | 12.3 |
| | 19 Participation in at least 3 hours of sport/PE | 16,850 | 49.2 | 55.1 | 40.9 | | 79.5 |
| | 20 Children's tooth decay (at age 12) | - | 0.8 | 0.7 | 1.5 | | 0.2 |
| | 21 Teenage conception rate (age under 18 years) | 131 | 23.9 | 35.4 | 64.7 | | 6.2 |
| | 22 Teenage mothers (age under 18 years) | 42 | 1.6 | 1.3 | 2.8 | | 0.3 |
| | 23 Hospital admissions due to alcohol specific conditions | 30 | 50.4 | 55.8 | 138.3 | | 16.9 |
| | 24 Hospital admissions due to substance misuse (age 15-24 years) | 23 | 69.7 | 69.4 | 186.3 | | 25.7 |
| Prevention of ill health | 25 Smoking in pregnancy | 372 | 15.0 | 13.2 | 29.7 | | 2.9 |
| | 26 Breastfeeding initiation | 1,876 | 75.6 | 74.0 | 41.8 | | 94.3 |
| | 27 Breastfeeding at 6-8 weeks | 1,221 | 43.8 | 47.2 | 19.7 | | 82.8 |
| | 28 A&E attendances (age 0-4 years) | 4,146 | 276.1 | 483.9 | 1,187.4 | | 136.3 |
| | 29 Hospital admissions due to injury (age under 18 years) | 713 | 116.4 | 122.6 | 211.1 | | 72.4 |
| | 30 Hospital admissions for asthma (age under 19 years) | 104 | 159.8 | 193.9 | 484.4 | | 73.4 |
| | 31 Hospital admissions for mental health conditions | 30 | 49.0 | 91.3 | 479.7 | | 22.6 |
| | 32 Hospital admissions as a result of self-harm | 93 | 151.8 | 115.5 | 311.9 | | 26.0 |

Notes and definitions - Where data are not available or have been suppressed, this is indicated by a dash in the appropriate box.

- 1 Mortality rate per 1,000 live births (age under 1 year), 2009-2011
- 2 Directly standardised rate per 100,000 children age 1-17 years, 2009-2011
- 3 % children immunised against measles, mumps and rubella (first dose by age 2 years), 2011/12
- 4 % children completing a course of immunisation against diphtheria, tetanus, polio, pertussis and Hib by age 2 years, 2011/12
- 5 % children in care with up-to-date immunisations, 2012
- 6 Acute STI diagnoses per 1,000 population aged 15-24 years, 2011
- 7 % children achieving a good level of development within Early Years Foundation Stage Profile, 2012
- 8 % pupils achieving 5 or more GCSEs or equivalent including maths and English, 2011/12
- 9 % children looked after achieving 5 or more GCSEs or equivalent including maths and English, 2011/12 (provisional)
- 10 % not in education, employment or training as a proportion of total age 16-18 year olds known to local Connexions services, 2011
- 11 Rate per 100,000 of 10-17 year olds receiving their first reprimand, warning or conviction, 2010/11

- 12 % of children aged under 16 living in families in receipt of out of work benefits or tax credits where their reported income is less than 60% median income, 2010
- 13 Statutory homeless households with dependent children or pregnant women per 1,000 households, 2011/12
- 14 Rate of children looked after at 31 March per 10,000 population aged under 18, 2012
- 15 Crude rate of children age 0-15 years who were killed or seriously injured in road traffic accidents per 100,000 population, 2009-2011
- 16 Percentage of live and stillbirths weighing less than 2,500 grams, 2011
- 17 % school children in Reception year classified as obese, 2011/12
- 18 % school children in Year 6 classified as obese, 2011/12
- 19 % children participating in at least 3 hours per week of high quality PE and sport at school age (5-18 years), 2009/10
- 20 Weighted mean number of decayed, missing or filled teeth in 12 year olds, 2008/09

- 21 Under 18 conception rate per 1,000 females age 15-17 years, 2010
- 22 % of delivery episodes where the mother is aged less than 18 years, 2011/12
- 23 Crude rate per 100,000 under 18 year olds for alcohol specific hospital admissions, 2008-11
- 24 Directly standardised rate per 100,000 (age 15-24 years) for hospital admissions for substance misuse, 2009-12
- 25 % of mothers smoking at time of delivery, 2011/12
- 26 % of mothers initiating breastfeeding, 2011/12
- 27 % of mothers breastfeeding at 6-8 weeks, 2011/12
- 28 Crude rate per 1,000 (age 0-4 years) of A&E attendances, 2010/11
- 29 Crude rate per 10,000 (age 0-17 years) for emergency hospital admissions following injury, 2011/12
- 30 Crude rate per 100,000 (age 0-18 years) for emergency hospital admissions for asthma, 2011/12
- 31 Crude rate per 100,000 (age 0-17 years) for hospital admissions for mental health, 2011/12
- 32 Crude rate per 100,000 (age 0-17 years) for hospital admissions for self-harm, 2011/12