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Child Health Profile

ChiMat
Child and Maternal Health Observatory

Sandwell

March 2013

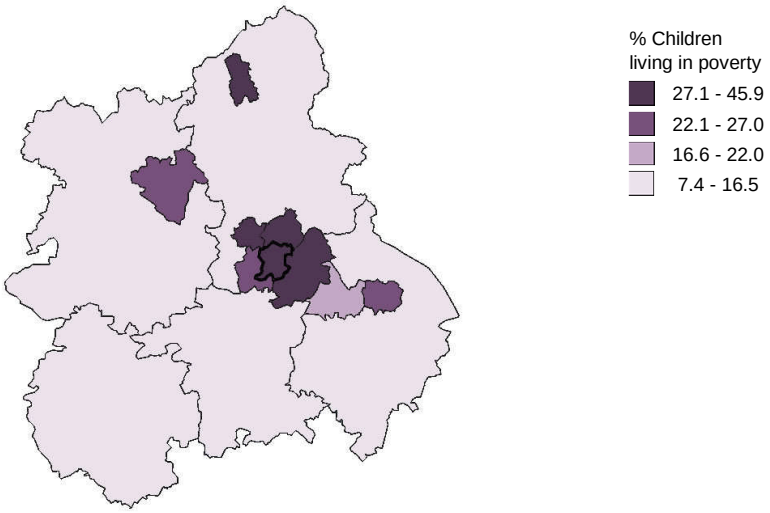
This profile provides a snapshot of child health in this area. It is designed to help the local authority and health services improve the health and well-being of children and tackle health inequalities.This profile is produced by the Child and Maternal Health Observatory (ChiMat) working with West Midlands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

The child population in this area

	Local	West Midlands	England
Live births in 2011	4,997	73,023	688,120
Children (age 0-4 years), 2011	22,900	355,700	3,328,700
% of total population	7.4%	6.3%	6.3%
Children (age 0-19 years), 2011	82,800	1,390,900	12,710,500
% of total population	26.8%	24.8%	23.9%
Children (age 0-19 years) in 2020 (projected)	90,634	1,458,399	13,575,943
% of total population	27.2%	24.5%	23.7%
School children from black/ethnic minority groups	19,455	207,550	1,661,440
% of school population (age 5-16 years)	45.3%	28.8%	25.6%
% of children living in poverty (age under 16 years)	30.6%	23.8%	21.1%
Life expectancy at birth			
Boys	75.5	77.9	78.6
Girls	80.8	82.2	82.6

Children living in poverty

Map of the West Midlands, with Sandwell 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

26.8% of the population of Sandwell is under the age of twenty. 45.3% of school children are from a black or minority ethnic group.

The health and well-being of children in Sandwell is generally worse than the England average. The infant mortality rate is worse and the child mortality rate is similar to the England average.

The level of child poverty is worse than the England average with 30.6% of children aged under 16 years living in poverty. The rate of family homelessness is worse than the England average.

Children in Sandwell have worse than average levels of obesity. 11.2% of children aged 4-5 years and 25.7% of children aged 10-11 years are classified as obese. 44.8% of children participate in at least three hours of sport a week which is worse than the England average.

There were 575 children in care at 31 March 2012 which gives a higher rate when compared to the England average. A higher percentage of children in care are up-to-date with their immunisations and GCSE achievement is similar to the England average for this group of children.

In 2011, there were 1,470 acute sexually transmitted infection diagnoses in young people aged 15 to 24 years. This represents a rate of 35.8 diagnoses for every 1,000 people in this age range which is similar to the England average.

YHPHO
YORKSHIRE & HUMBER PUBLIC HEALTH OBSERVATORY

WMPHO

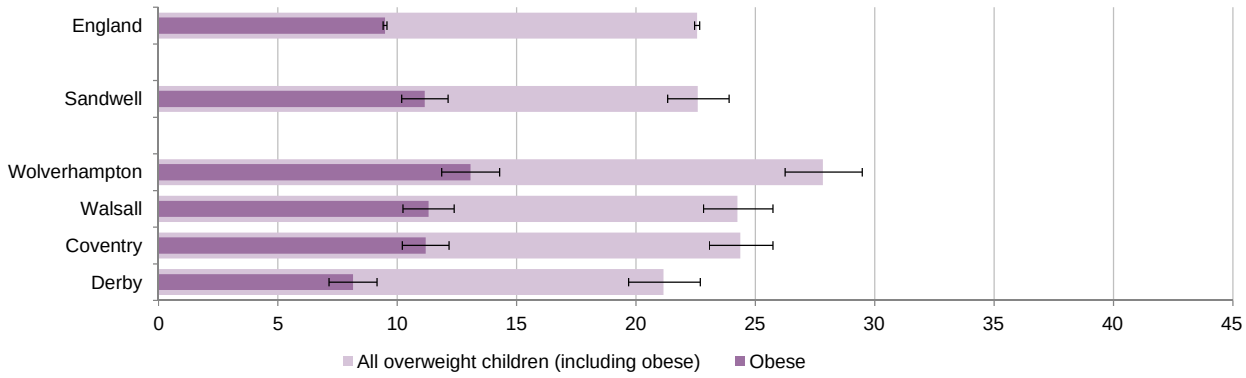
NHS

ChiMat is funded by the Department of Health and is part of YHPHO.
This profile is produced by ChiMat working with WMPHO on behalf of the Public Health Observatories in England.

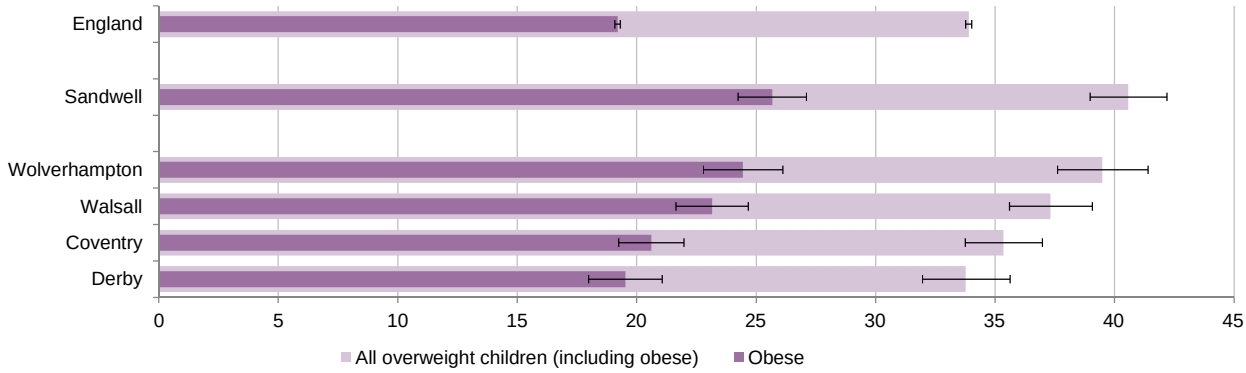
Childhood obesity

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 higher 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)



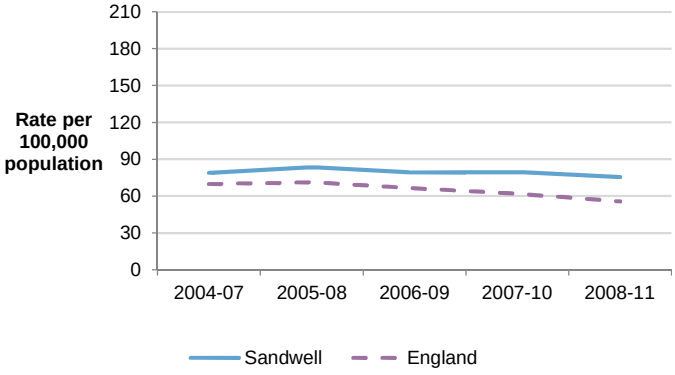
Note: This analysis uses the 85th and 95th centiles of the British 1990 growth reference (UK90) for BMI to classify children as overweight and obese.
I indicates 95% confidence interval.

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 remains broadly similar in the 2008-11 period. Overall rates of admission in the 2008-11 period are higher than the England average.

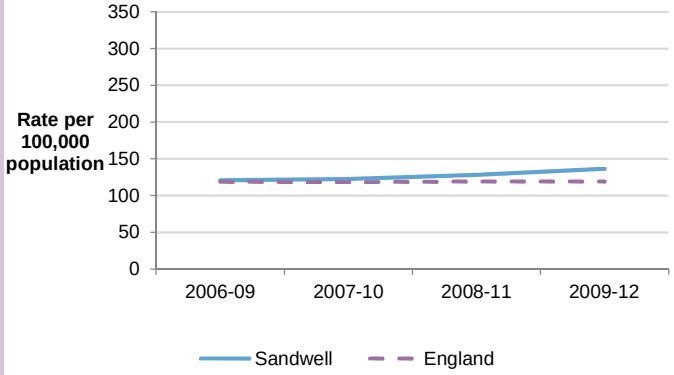


Data source: Local Alcohol Profiles for England, North West Public Health Observatory

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 higher than 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

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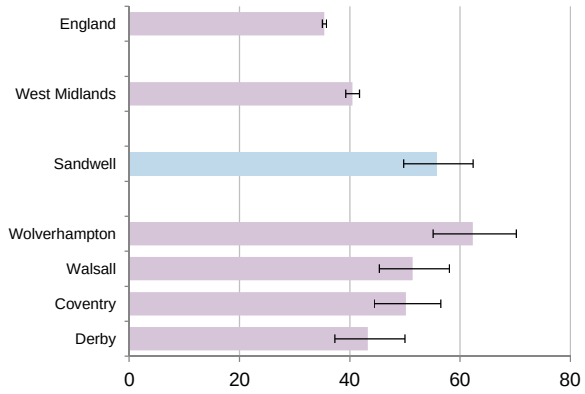
These charts compare Sandwell with its statistical neighbours, the England and regional average and, where available, the European average.

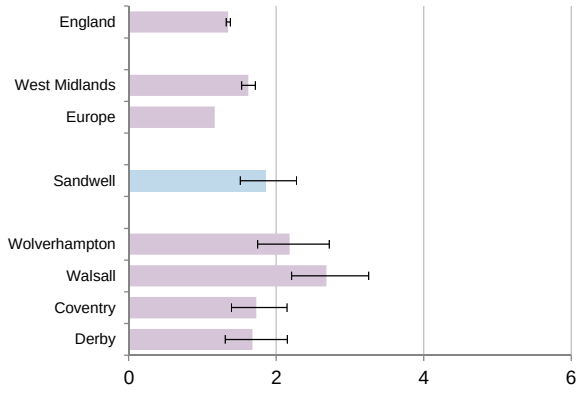
Teenage conceptions in girls aged under 18 years, 2010 (rate per 1,000 female population aged 15-17 years)



In 2010, approximately 56 girls aged under 18 conceived for every 1,000 of the female population aged 15-17 years in this area. This is higher than the regional average. The area has a higher teenage conception rate compared to the England average.

Data source: Department for Education

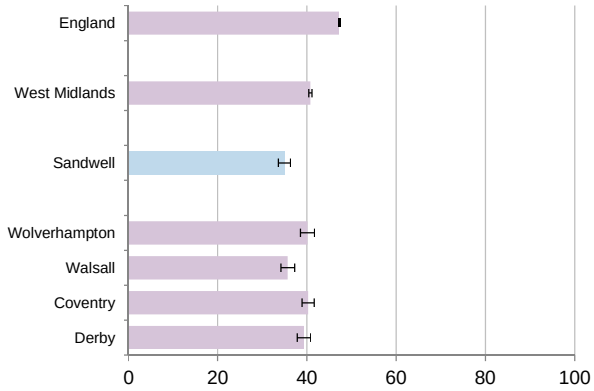
Teenage mothers aged under 18 years, 2011/12 (percentage of all deliveries)



In 2011/12, 1.9% of women giving birth in this area were aged under 18 years. This is similar to the regional average. This area has a higher 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

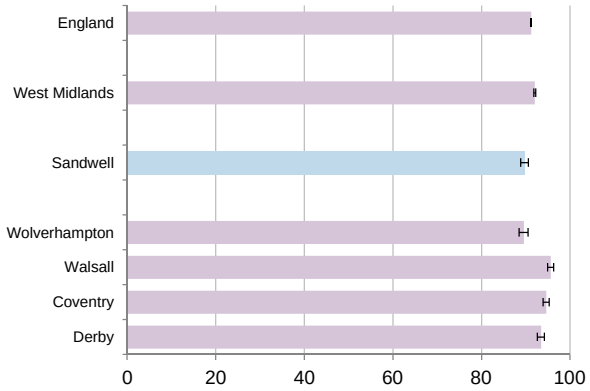
Breastfeeding at 6 to 8 weeks, 2011/12 (percentage of infants due 6 to 8 week checks)



In this area, 35.0% of mothers are still breastfeeding at 6 to 8 weeks. This is lower than the England average. 60.1% 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 lower percentage of children (89.7%) 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 86.4% of children being immunised. This is similar to 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.

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Summary of child health and well-being in Sandwell

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

England average

25th percentile — 75th percentile

range of values that differ significantly from the average

	Indicator	Local no. per year	Local value	Eng. ave.	Eng. worst	Eng. best
Preventable mortality	**1** Infant mortality rate	33	6.7	4.4	8.0	2.2
	2 Child mortality rate (age 1-17 years)	7	10.9	13.7	23.7	7.5
Health protection	**3** MMR immunisation (by age 2 years)	4,235	89.7	91.2	78.7	97.2
	4 Diphtheria, tetanus, polio, pertussis, Hib immunisations (by age 2 years)	4,545	96.3	96.1	85.7	98.8
	5 Children in care immunisations	385	89.5	83.1	0.0	100.0
	6 Acute sexually transmitted infections (including Chlamydia)	1,470	35.8	35.6	75.2	19.9
Wider determinants of ill health	**7** Children achieving a good level of development at age 5	2,475	59.2	63.5	51.5	76.5
	8 GCSE achieved (5A*-C inc. Eng and maths)	1,972	53.8	59.4	40.9	79.6
	9 GCSE achieved (5A*-C inc. Eng and maths) for children in care	6	17.1	14.6	0.0	40.0
	10 Not in education, employment or training (age 16-18 years)	770	6.6	6.1	11.8	1.6
	11 First time entrants to the Youth Justice System	159	552.7	876.4	2,436.3	342.9
	12 Children living in poverty (aged under 16 years)	20,140	30.6	21.1	45.9	7.4
	13 Family homelessness	434	3.7	1.7	7.4	0.1
	14 Children in care	575	77.0	59.0	150.0	19.0
	15 Children killed or seriously injured in road traffic accidents	18	28.0	22.1	47.9	4.4
Health improvement	**16** Low birthweight	470	9.4	7.4	11.0	5.0
	17 Obese children (age 4-5 years)	453	11.2	9.5	14.5	5.8
	18 Obese children (age 10-11 years)	915	25.7	19.2	27.8	12.3
	19 Participation in at least 3 hours of sport/PE	18,742	44.8	55.1	40.9	79.5
	20 Children's tooth decay (at age 12)	-	0.9	0.7	1.5	0.2
	21 Teenage conception rate (age under 18 years)	313	55.8	35.4	64.7	6.2
	22 Teenage mothers (age under 18 years)	90	1.9	1.3	2.8	0.3
	23 Hospital admissions due to alcohol specific conditions	52	75.4	55.8	138.3	16.9
	24 Hospital admissions due to substance misuse (age 15-24 years)	35	88.0	69.4	186.3	25.7
Prevention of ill health	**25** Smoking in pregnancy	728	14.8	13.2	29.7	2.9
	26 Breastfeeding initiation	2,959	60.1	74.0	41.8	94.3
	27 Breastfeeding at 6-8 weeks	1,726	35.0	47.2	19.7	82.8
	28 A&E attendances (age 0-4 years)	13,088	587.3	483.9	1,187.4	136.3
	29 Hospital admissions due to injury (age under 18 years)	1,042	140.1	122.6	211.1	72.4
	30 Hospital admissions for asthma (age under 19 years)	233	296.9	193.9	484.4	73.4
	31 Hospital admissions for mental health conditions	94	126.4	91.3	479.7	22.6
	32 Hospital admissions as a result of self-harm	104	139.8	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

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