

# Under 18 Conception Rates

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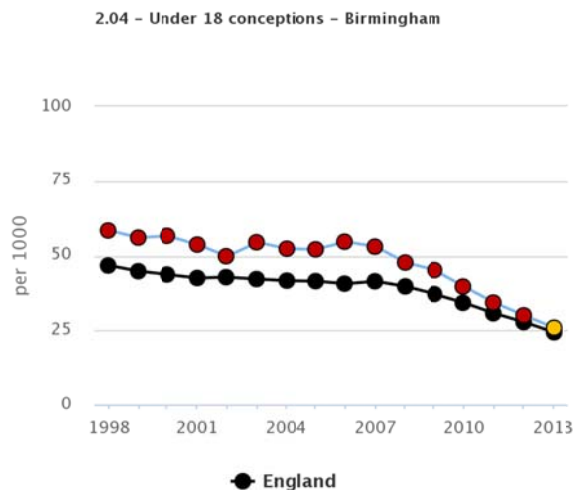
## *Analysis of ONS data release (ward level rates removed)*

Under terms of our data sharing agreement with Office of National Statistics ward level data cannot be shared externally. Any organisation that requires this data must apply to ONS for a data sharing agreement.

Birmingham Public Health Information & Intelligence Team  
Dec 2015

## Birmingham and England Under 18 Conceptions

Continued downward trend of under 18 conception rates per 1,000 in Birmingham and England. In 2013 Birmingham's rate for under 18 conceptions is no longer significantly higher than the England rate. However there is a wide variation in rates between Birmingham wards.



Period	Count	Value	Lower CI	Upper CI	West Midlands	England
1998	1,165	58.3	55.0	61.8	51.7	46.6
1999	1,122	56.0	52.7	59.3	49.3	44.8
2000	1,133	56.6	53.3	60.0	49.0	43.6
2001	1,076	53.6	50.5	56.9	47.2	42.5
2002	1,026	49.7	46.7	52.9	47.0	42.8
2003	1,153	54.4	51.3	57.6	47.4	42.1
2004	1,119	52.3	49.2	55.4	45.2	41.6
2005	1,095	52.0	49.0	55.2	45.7	41.4
2006	1,148	54.6	51.5	57.9	46.3	40.6
2007	1,121	52.9	49.9	56.1	46.6	41.4
2008	1,028	47.6	44.8	50.6	43.2	39.7
2009	975	45.1	42.3	48.0	42.1	37.1
2010	847	39.6	37.0	42.4	38.5	34.2
2011	746	34.3	31.9	36.8	34.9	30.7
2012	655	30.0	27.8	32.4	32.0	27.7
2013	568	25.9	23.8	28.1	28.9	24.3

Source: Office for National Statistics (ONS)

## Birmingham ward level under 18 conception rates 2011-13

### Top 5 wards with the highest under 18 conception rate 2011-13

- Shard End
- Kingstanding
- Stechford and Yardley North
- Acocks Green
- Kings Norton

### Changes between 2011-13 and 2010-12

- Decreased rates in most wards – largest decrease in Tyburn, Hodge Hill and Shard End.
- Increased rates in Bournville, Billesley, Stechford and Yardley North, Sutton Trinity and Sutton Four Oaks.

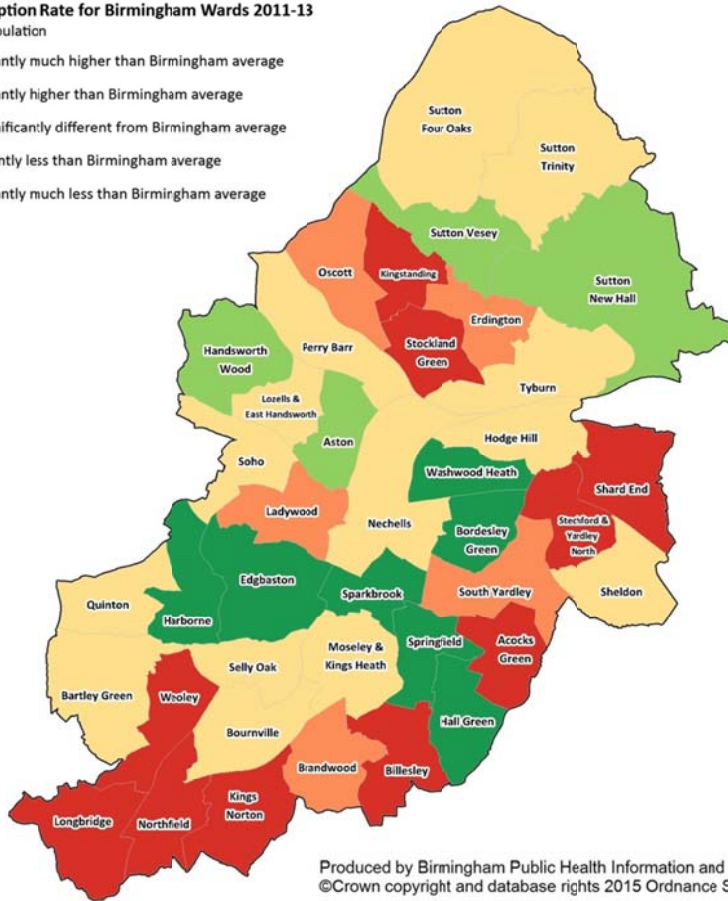
More information on changes can be found in the ward table at the end of this document.

# Statistical Significance Ward Maps

RAG rated maps showing areas where the rate per 1,000 is significantly worse/better than Birmingham average.

**Under 18 Conception Rate for Birmingham Wards 2011-13**  
Rate per 1,000 population

- Significantly much higher than Birmingham average
- Significantly higher than Birmingham average
- Not significantly different from Birmingham average
- Significantly less than Birmingham average
- Significantly much less than Birmingham average



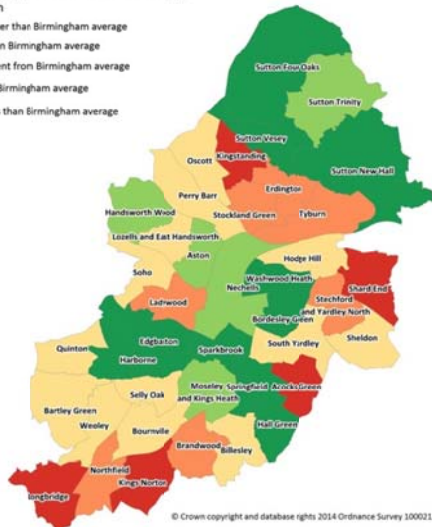
- Acocks Green, Billesley, Kings Norton, Kingstanding, Longbridge, Northfield, Shard End, Stechford and Yardley North, Stockland Green, Weoley
- Brandwood, Erdington, Ladywood, Oscott, South Yardley
- Bartley Green, Bournville, Hodge Hill, Lozells and East Handsworth, Moseley and Kings Heath, Nechells, Perry Barr, Quinton, Selly Oak, Sheldon, Soho, Sutton Four Oaks, Sutton Trinity, Tyburn
- Aston, Handsworth Wood, Sutton New Hall, Sutton Vesey
- Bordesley Green, Edgbaston, Hall Green, Harborne, Sparkbrook, Springfield, Washwood Heath

Produced by Birmingham Public Health Information and Intelligence (July 2015)  
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## Previous Years

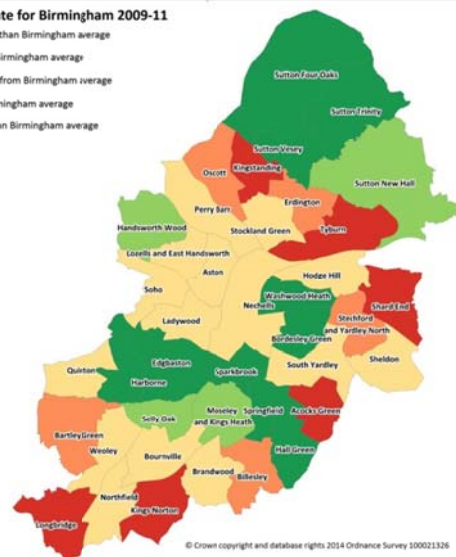
**Under 18 Conception Rate for Birmingham 2010-12**  
Rates per 1,000 population

- Significantly much higher than Birmingham average
- Significantly higher than Birmingham average
- Not significantly different from Birmingham average
- Significantly less than Birmingham average
- Significantly much less than Birmingham average



**Under 18 Conception Rate for Birmingham 2009-11**

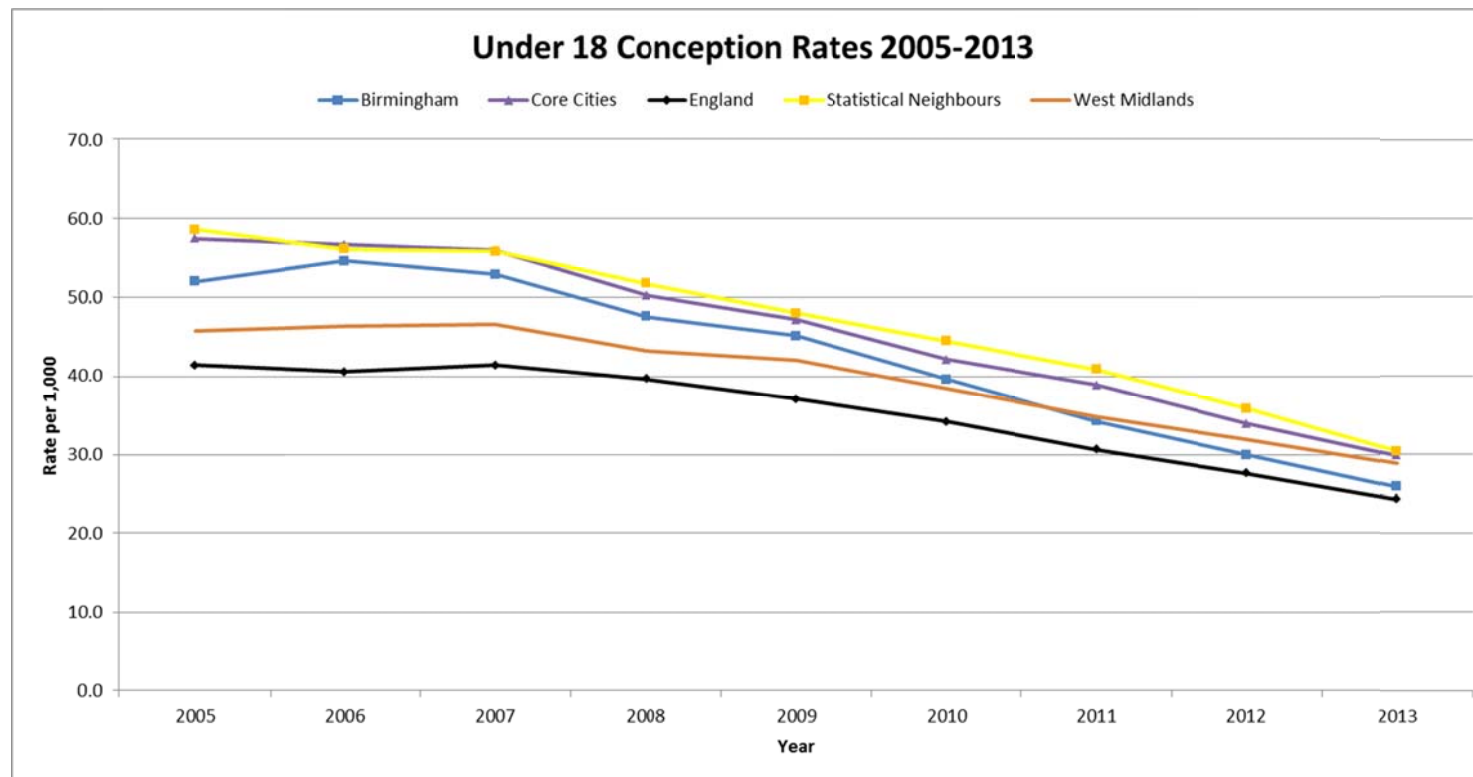
- Significantly much higher than Birmingham average
- Significantly higher than Birmingham average
- Not significantly different from Birmingham average
- Significantly less than Birmingham average
- Significantly much less than Birmingham average



## Local Authority Area Trend Comparison

Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	Change from previous year
<b>Birmingham</b>	<b>52.0</b>	<b>54.6</b>	<b>52.9</b>	<b>47.6</b>	<b>45.1</b>	<b>39.6</b>	<b>34.3</b>	<b>30.0</b>	<b>25.9</b>	<b>-4.1</b>
Core Cities	57.4	56.6	55.9	50.3	47.2	42.1	38.9	34.0	29.8	-4.2
England	41.4	40.6	41.4	39.7	37.1	34.2	30.7	27.7	24.3	-3.4
Statistical Neighbours	58.6	56.1	55.8	51.8	48.0	44.5	40.9	35.9	30.4	-5.5
West Midlands	45.7	46.3	46.6	43.2	42.1	38.5	34.9	32.0	28.9	-3.1

Source: ONS, Public Health England



## Data tables by Ward (rates removed)

Ward	Difference 2010-12 to 2011-13	Change from previous year
Acocks Green	-6.08	↓
Aston	-6.73	↓
Bartley Green	-7.18	↓
Billesley	2.07	↑
Bordesley Green	-1.45	↓
Bournville	3.01	↑
Brandwood	-9.55	↓
Edgbaston	-2.84	↓
Erdington	-4.13	↓
Hall Green	-1.90	↓
Handsworth Wood	-5.29	↓
Harborne	-2.20	↓
Hodge Hill	-13.24	↓
Kings Norton	-5.91	↓
Kingstanding	-9.03	↓
Ladywood	-9.38	↓
Longbridge	-7.68	↓
Lozells and East Handsworth	-8.75	↓
Moseley and Kings Heath	1.11	↑
Nechells	-1.97	↓
Northfield	-3.63	↓
Oscott	-6.91	↓
Perry Barr	-7.60	↓
Quinton	-4.70	↓
Selly Oak	-2.98	↓
Shard End	-11.53	↓
Sheldon	-5.82	↓
Soho	-4.62	↓
South Yardley	-2.66	↓
Sparkbrook	-2.71	↓
Springfield	-2.80	↓
Stechford and Yardley North	1.80	↑
Stockland Green	-8.45	↓
Sutton Four Oaks	0.76	↑
Sutton New Hall	-3.74	↓
Sutton Trinity	0.81	↑
Sutton Vesey	-1.19	↓
Tyburn	-15.32	↓
Washwood Heath	-1.86	↓
Weoley	-1.00	↓

Source: ONS, 2015