

Births in Sefton

2016

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Summary

1. Sefton Council receives an annual file of births from the Office for National Statistics (ONS) that details every birth to a Sefton resident mother. These files and summary data for England (Vital Statistics tables) are usually received at the end of the calendar year. This document summarises the key messages from the 2016 data.
2. Births have risen in Sefton over the past 15 years. In 2016 there were 2818 births, a slight increase on 2015 (2789).
3. The General Fertility Rate (GFR) has shown a trend consistent with the number of births. In 2016, Sefton's GFR is 62.3, compared with 60.9 in 2015.
4. Sefton's percentage of low birth weight babies (under 2,500g) has increased slightly to 7.2% for 2014-16. The percentage of low birth weight babies continues to be higher amongst the most deprived quintile than other areas of Sefton.
5. In 2016 a higher percentage of women delivered at Liverpool Women's Hospital compared to Southport and Ormskirk Hospitals.
6. In 2016 2.4% of births occurred at home, a decrease from 2.8% in 2015.
7. The percentage of births outside marriage has risen across Sefton since the early 2000s. Meanwhile births to single mothers have slowly decreased.
8. Births to non-British mothers have more than tripled over the last twenty years, peaking in 2014. In 2016 births to non-British mothers accounted for 9.4% and births to non-British fathers for 9.1% of all births.
9. In 2016 some south Sefton wards have seen increases in births to non-British mothers. In agreement a greater proportion of deliveries to Sefton's non-British mothers occurred at Liverpool Women's hospital than in previous years.

Total Number of Live and Still Births

Births have risen in Sefton since the early 2000s, although not to the level of the mid 1990s when births averaged 3000 per year. In 2016 there were 2818 births in Sefton, an increase from 2789 in 2015. Currently births outnumber deaths in the most deprived quintile, whereas deaths outnumber births in Sefton as a whole. This is mostly due to a younger population in the more deprived areas of Sefton compared to elsewhere in the borough.

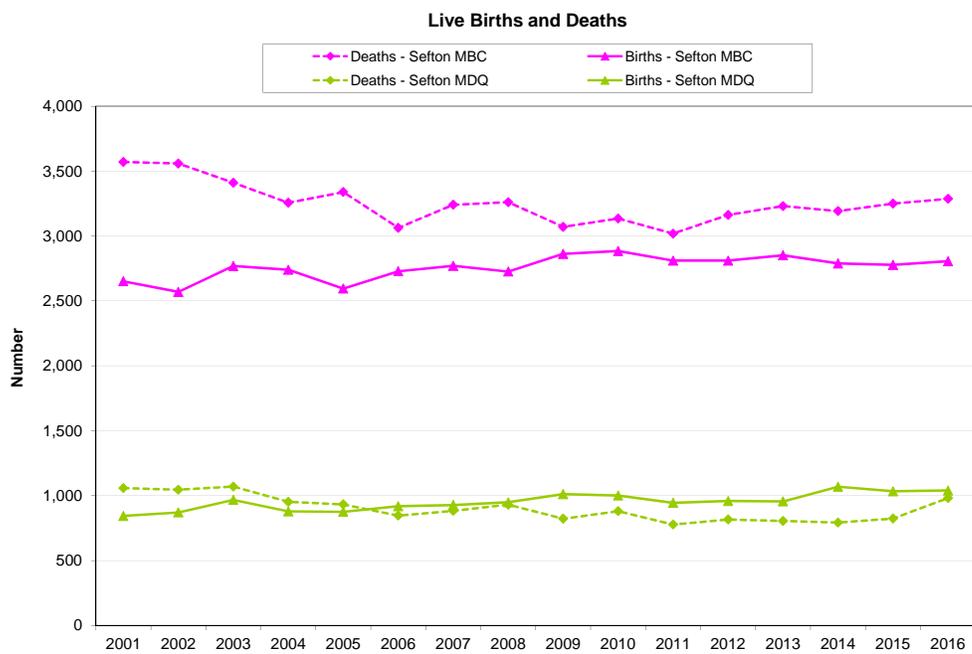
On average, there are 12 still births in Sefton each year; there were 13 in 2016.

Table 1: Live and Still Births in Sefton 2001 – 2016

Live & Still Births	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Sefton	2,651	2,569	2,769	2,740	2,595	2,728	2,770	2,726	2,862	2,873	2,810	2,810	2,851	2,788	2,789	2,818
South Sefton CCG	1,678	1,582	1,720	1,705	1,657	1,666	1,689	1,700	1,737	1,767	1,747	1,768	1,813	1,774	1,791	1,850
Southport and Formby CCG	973	987	1,049	1,035	938	1,062	1,081	1,026	1,125	1,106	1,063	1,042	1,038	1,014	998	968
Sefton MDQ	847	875	974	881	878	922	934	951	1,018	1,003	946	962	958	1,071	1,039	1,044
Sefton Other Quintiles	1,804	1,693	1,795	1,859	1,717	1,806	1,835	1,751	1,844	1,870	1,863	1,848	1,888	1,717	1,746	1,774

Source: Office for National Statistics Annual Registered Births Extracts

Figure 1: Live Births and Deaths in Sefton 2001 – 2016



Source: Office for National Statistics Annual Registered Births Extract

General Fertility Rate (live births per 1,000 women aged 15-44)

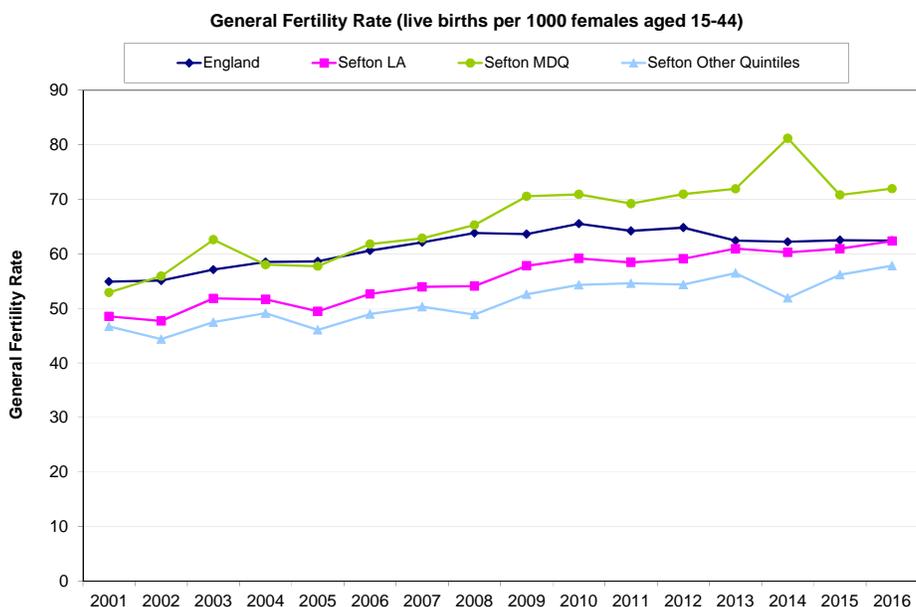
The General Fertility Rate (GFR) shows a similar trend to the total number of births; an overall increase over the past 15 years. In 2016, Sefton's GFR is 62.3, an increase on the 2015 rate. The GFR for the most deprived quintile remains higher than that of the other quintiles and the national rate for 2016.

Table 2: General Fertility Rate in Sefton, 2001–2016

GFR	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Sefton LA	48.5	47.7	51.8	51.7	49.4	52.6	53.9	54.1	57.8	59.1	58.4	59.1	61.0	60.2	60.9	62.3
South Sefton CCG	49.5	47.2	51.8	51.9	51.1	52.3	53.7	55.2	57.5	59.9	59.2	60.5	62.2	62.6	63.8	66.9
Southport & Formby CCG	47.0	48.4	51.8	51.2	46.8	53.3	54.3	52.3	58.2	58.0	57.4	56.8	56.7	56.6	56.4	55.2
Sefton MDQ	52.9	55.9	62.6	58.0	57.7	61.8	62.8	65.3	70.5	70.9	69.2	70.9	70.7	81.2	70.8	71.9
Sefton Other Quintiles	46.7	44.3	47.5	49.1	46.1	48.9	50.3	48.8	52.6	54.3	54.6	54.4	55.7	51.9	56.2	57.8
England	54.9	55.1	57.1	58.5	58.6	60.6	62.1	63.8	63.6	65.5	64.2	64.8	62.4	62.2	62.5	62.4

Source: ONS Annual Registered Births Extracts & Vital Statistics Tables

Figure 2: General Fertility Rate 2001 – 2016



Total Period Fertility Rate

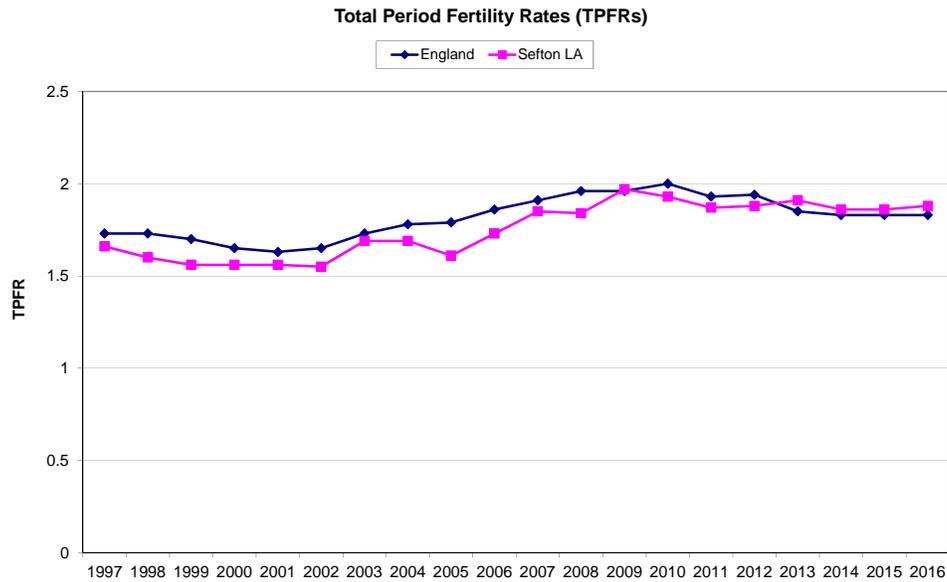
The total period fertility rate (TPFR) is the average number of children per woman. The rate in Sefton has increased slowly over the last fifteen years and in 2016 remains above the national average. However, both England and Sefton remain below the rate needed for natural replacement (population growth).

Table 3: Total Period Fertility Rate 2001–2016

TPFR	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Sefton	1.56	1.55	1.69	1.69	1.61	1.73	1.85	1.84	1.97	1.93	1.87	1.88	1.91	1.86	1.86	1.88
England	1.63	1.65	1.73	1.78	1.79	1.86	1.91	1.96	1.96	2.00	1.93	1.94	1.85	1.83	1.83	1.83

Source: ONS Vital Statistics Tables

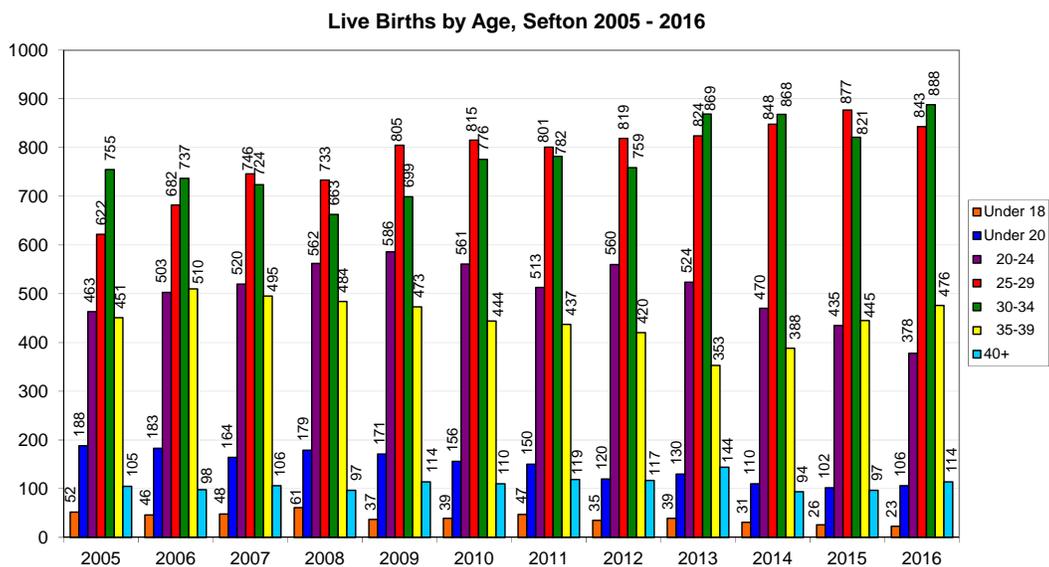
Figure 3: Total Period Fertility Rate 1997-2016



Live Births by Age of Mother

The percentage of live births to mothers aged under 18 has decreased from 2.4% in 2001 to 0.8% in 2016. More information regarding teenage conceptions is available on request from Business Intelligence and Performance. In 2016, births were highest among the 30-34 age group. This is a change from 2015 where the younger 25-29 year old group saw the most births. Births to mothers aged 45+ remain less than 10 per year.

Figure 4: Live Births by Age of Mother 2005-2016



Low Birth Weight Babies as a Percentage of Live Births

Despite year on year variation, Sefton’s percentage of low birth weight babies (under 2,500g) tends to remain around 7%. Sefton’s overall rate for 2014-16 is 7.2%, similar to the England average (7.3%). Low weight births continue to be more common amongst the most deprived quintile, but the percentage of low birth weight babies increased for all deprivation quintiles in 2016.

Table 4: Low Birth Weight Babies in Sefton 2000/02 to 2014/16

% of live births <2500g	2000-02	2001-03	2002-04	2003-05	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14	2013-15	2014-16
Sefton LA	7.5%	7.8%	7.8%	7.7%	7.5%	7.4%	7.8%	7.8%	7.7%	7.6%	7.4%	6.9%	7.0%	7.1%	7.2%
South Sefton CCG	7.5%	8.1%	8.5%	8.5%	7.9%	7.7%	7.8%	7.7%	7.5%	7.7%	7.9%	7.5%	7.8%	7.7%	7.7%
Southport & Formby CCG	7.6%	7.2%	6.6%	6.4%	6.9%	7.1%	7.8%	8.0%	8.1%	7.5%	6.5%	6.0%	5.6%	6.1%	6.4%
Sefton MDQ	9.6%	8.9%	12.9%	10.9%	8.2%	9.0%	9.3%	8.3%	8.3%	8.4%	9.0%	8.6%	8.9%	8.3%	8.8%
Sefton Other Quintiles	7.6%	6.4%	7.1%	6.5%	6.3%	7.0%	7.2%	7.8%	7.4%	7.2%	6.5%	6.1%	6.0%	6.4%	6.8%
England	7.9%	8.1%	8.0%	7.9%	7.6%	7.9%	7.5%	7.5%	7.5%	7.3%	7.4%	7.3%	7.3%	7.3%	7.3%

Source: Office for National Statistics Annual Registered Births Extracts

Figure 5: Low and Very Low Birth Weight Babies in Sefton 2000/02 to 2014/16

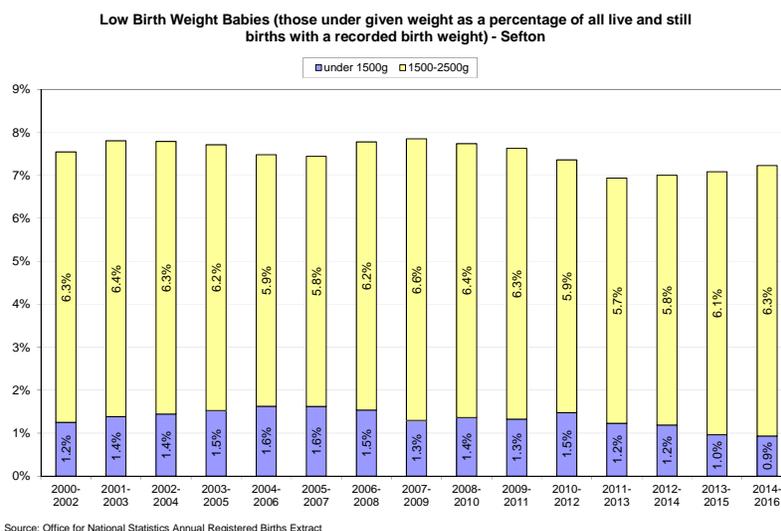
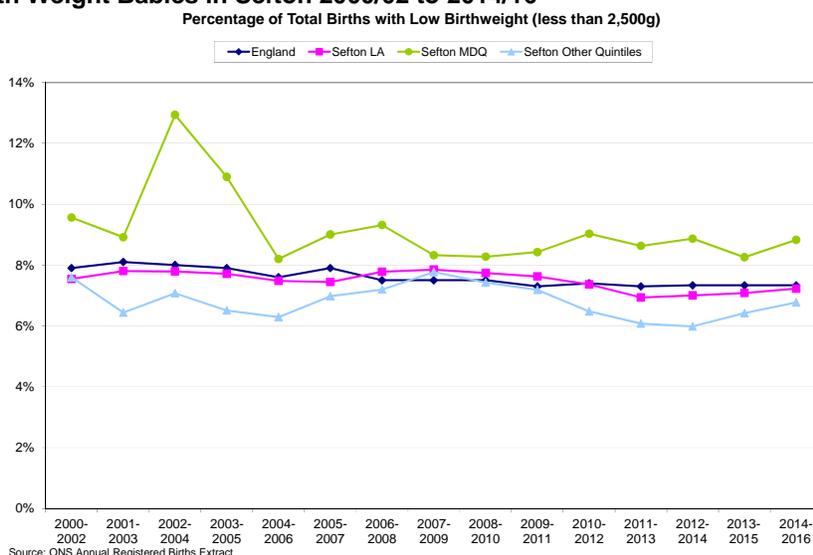


Figure 6: Low Birth Weight Babies in Sefton 2000/02 to 2014/16



Location of Birth

Prior to 2014 a higher percentage of Sefton births occurred at Southport and Ormskirk hospitals compared to Liverpool hospitals. In the last three years, however, this trend appears to have reversed; 54% of births to Sefton mothers in 2016 were at Liverpool Women’s hospital. Mothers tended to choose their nearest hospital with those in the far north (Southport area) using Southport and Ormskirk Hospitals, whilst the far south (the areas around Bootle) opted for Liverpool Women’s Hospital. The percentage of mothers giving birth at other hospitals also increased in 2016. In particular the number of births to Sefton mothers at Whiston Hospital more than doubled compared with 2015.

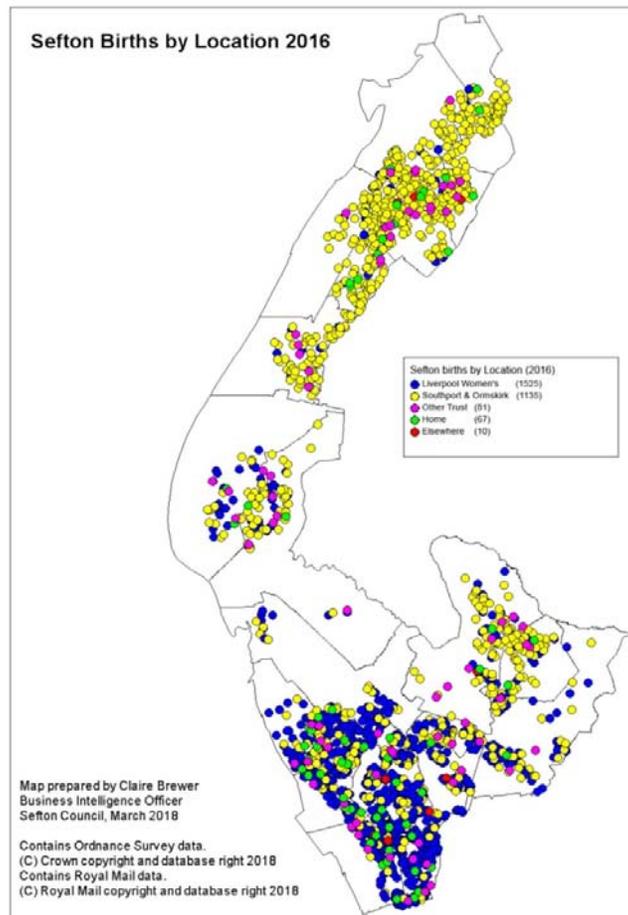
Table 5&6: Location of Births in Sefton 2005 – 2016

Births by location (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Southport and Ormskirk Hospitals	47%	50%	54%	52%	53%	52%	53%	50%	50%	46%	45%	40%
Liverpool Hospitals	50%	47%	43%	44%	43%	44%	44%	47%	46%	49%	51%	54%
Other Hospitals*	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%	1%	3%
Home	2%	2%	3%	2%	2%	3%	2%	2%	3%	3%	3%	2%

Births by location (number)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Southport and Ormskirk Hospitals	1229	1365	1485	1428	1528	1483	1481	1409	1420	1279	1249	1135
Liverpool Hospitals	1302	1276	1179	1203	1244	1267	1235	1312	1312	1373	1416	1525
Other Hospitals*	24	28	32	32	27	30	27	36	39	42	39	81
Home	40	59	74	63	63	93	67	53	80	94	79	67

Source: Office for National Statistics Annual Registered Births Extracts

Figure 7: Location of Births in Sefton 2016



Home Births

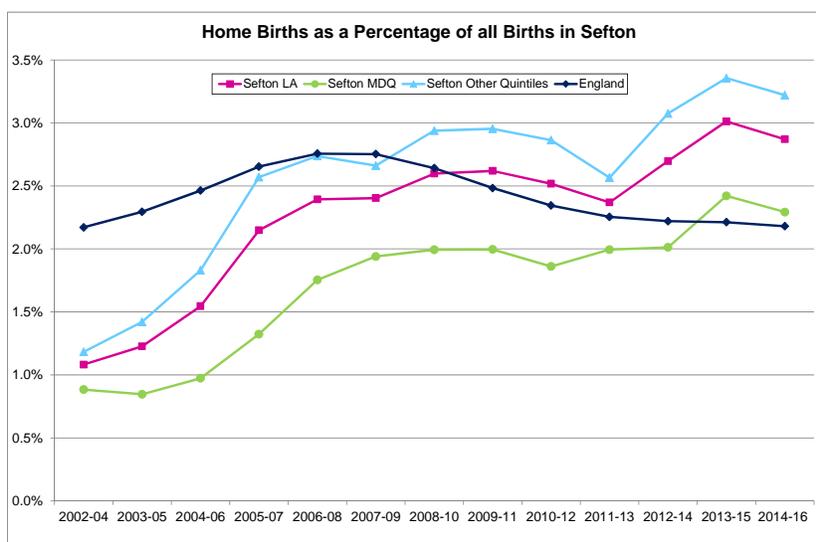
Home births in Sefton have generally increased over the last 15 years from approximately 1 in 100 births to 3 in 100 births. Sefton’s home birth rate peaked at 3.4% in 2014 and has fallen for the last two years. In 2016, 2.4% (67 births) of live births to Sefton mothers occurred at home compared with 2.8% (79 home births) in 2015. Over two thirds of home births took place in the South of Sefton. However, unlike in previous years, home births were not solely concentrated around the Crosby area. In 2016 mothers choosing to have a home birth were found to live throughout the borough.

Table 7: Percentage of births at Home in Sefton 2002-2016

% of births at home	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Sefton LA	1.1%	1.2%	0.9%	1.5%	2.2%	2.7%	2.3%	2.2%	3.2%	2.4%	1.9%	2.8%	3.4%	2.8%	2.4%
South Sefton CCG	1.1%	1.3%	1.2%	1.9%	2.5%	3.1%	2.8%	2.7%	2.9%	2.4%	2.0%	2.7%	2.8%	3.0%	2.6%
Southport and Formby CCG	1.0%	1.1%	0.4%	0.9%	1.7%	2.1%	1.6%	1.4%	3.8%	2.4%	1.6%	3.1%	4.5%	2.6%	2.1%
Sefton MDQ	0.7%	1.0%	0.9%	0.6%	1.4%	1.9%	1.9%	2.0%	2.1%	1.9%	1.6%	2.5%	2.0%	2.8%	2.1%
Sefton Other Quintiles	1.3%	1.3%	0.9%	2.0%	2.6%	3.1%	2.6%	2.3%	3.9%	2.6%	2.1%	3.0%	4.3%	2.9%	2.5%
England	2.1%	2.2%	2.2%	2.5%	2.7%	2.8%	2.8%	2.7%	2.5%	2.3%	2.2%	2.2%	2.2%	2.2%	2.1%

Source: Office for National Statistics Annual Registered Births Extracts

Figure 8: Percentage of Births at Home in Sefton 2002/04-2014/16



Births in Marriage

The percentage of births outside marriage has increased to 62% since the early 2000s. Births to single mothers meanwhile have decreased, mainly due to decreases in Sefton’s most deprived quintile. Births outside marriage and births to single mothers remain higher amongst the most deprived quintile than the rest of Sefton.

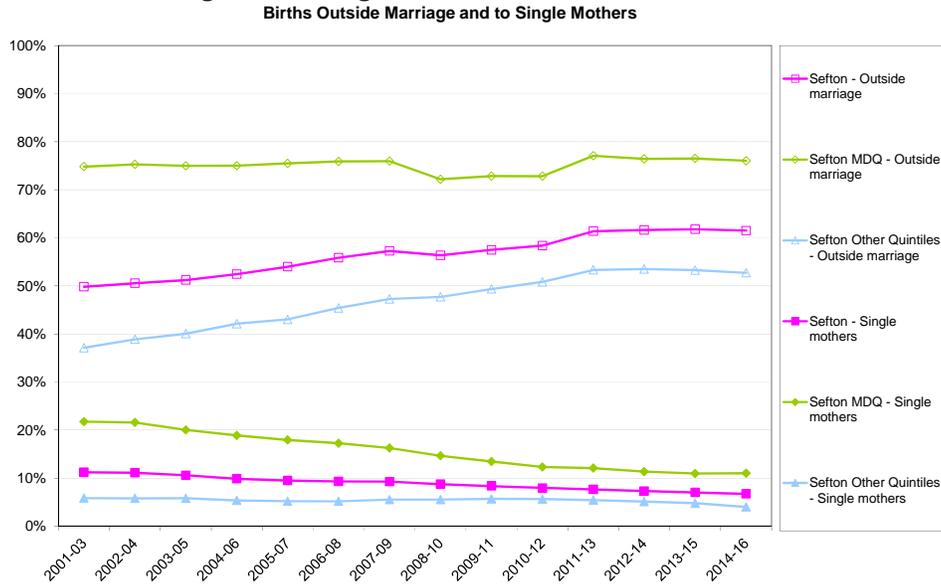
Tables 8&9: Percentage of Births outside Marriage, and to Single Mothers in Sefton 2001/03 – 2014/16

% births outside marriage	2001-03	2002-04	2003-05	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14	2013-15	2014-16
Sefton LA	50%	51%	51%	52%	54%	56%	57%	56%	57%	58%	61%	62%	62%	62%
Sefton MDQ	75%	75%	75%	75%	75%	76%	76%	72%	73%	73%	77%	76%	76%	76%
Sefton Other Quintiles	37%	39%	40%	42%	43%	45%	47%	48%	49%	51%	53%	53%	53%	53%

% births to single mothers	2001-03	2002-04	2003-05	2004-06	2005-07	2006-08	2007-09	2008-10	2009-11	2010-12	2011-13	2012-14	2013-15	2014-16
Sefton LA	11%	11%	11%	10%	9%	9%	9%	9%	8%	8%	8%	7%	7%	7%
Sefton MDQ	22%	22%	20%	19%	18%	17%	16%	15%	13%	12%	12%	11%	11%	11%
Sefton Other Quintiles	6%	6%	6%	5%	5%	5%	6%	6%	6%	6%	5%	5%	5%	4%

Source: Office for National Statistics Annual Registered Births Extracts.

Figure 9: Births outside Marriage and to Single Mothers in Sefton 2001/03 – 2014/16

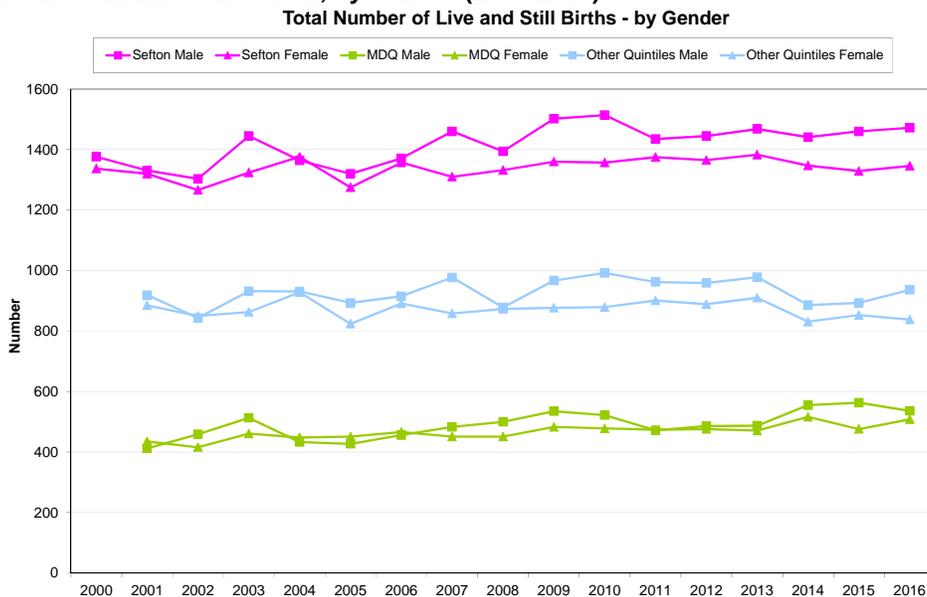


Source: Office for National Statistics Annual Registered Births Extract

Gender

Male births in Sefton have tended to slightly outnumber female births. In 2016, this gap narrowed in the most deprived quintiles but widened in the other quintiles of Sefton.

Figure 10: Live and Still Births in Sefton, by Gender (2000-2016)

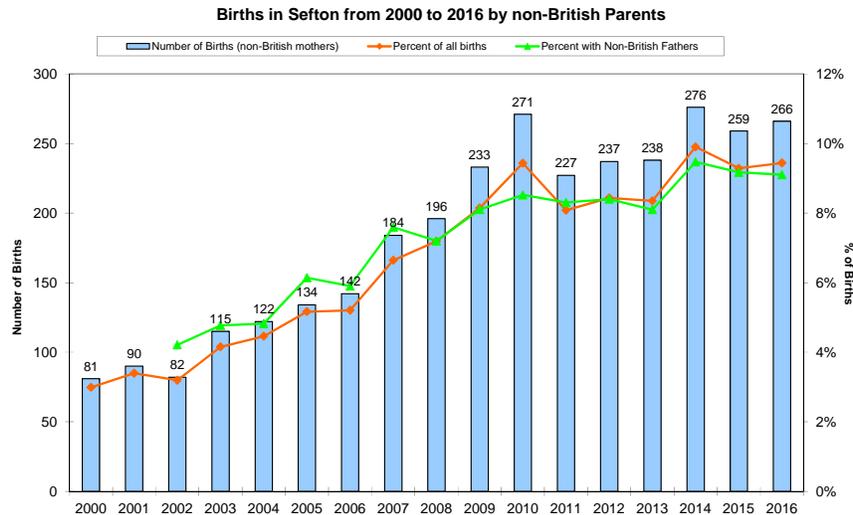


Source: Office for National Statistics Annual Registered Births Extract

Country of Birth of Parents

Births to non-British mothers in Sefton have more than tripled since the year 2000, peaking at 9.9% of all births in 2014. In 2016 births to non-British mothers accounted for 9.4% of all births, an increase from 9.3% in 2015. Births to non-British fathers accounted for 9.1% of all births in 2016, compared to 9.2% in 2015.

Figure 11: Births to Non-British Parents in Sefton 2000 – 2016



Poland was the top country of birth of non-British mothers and non-British fathers in 2016 with 63 and 47 births respectively. This accounts to less than 3% of Sefton’s total births.

Figure 12: Top Five Countries of Birth of Non-British Mothers in Sefton 2007-2016

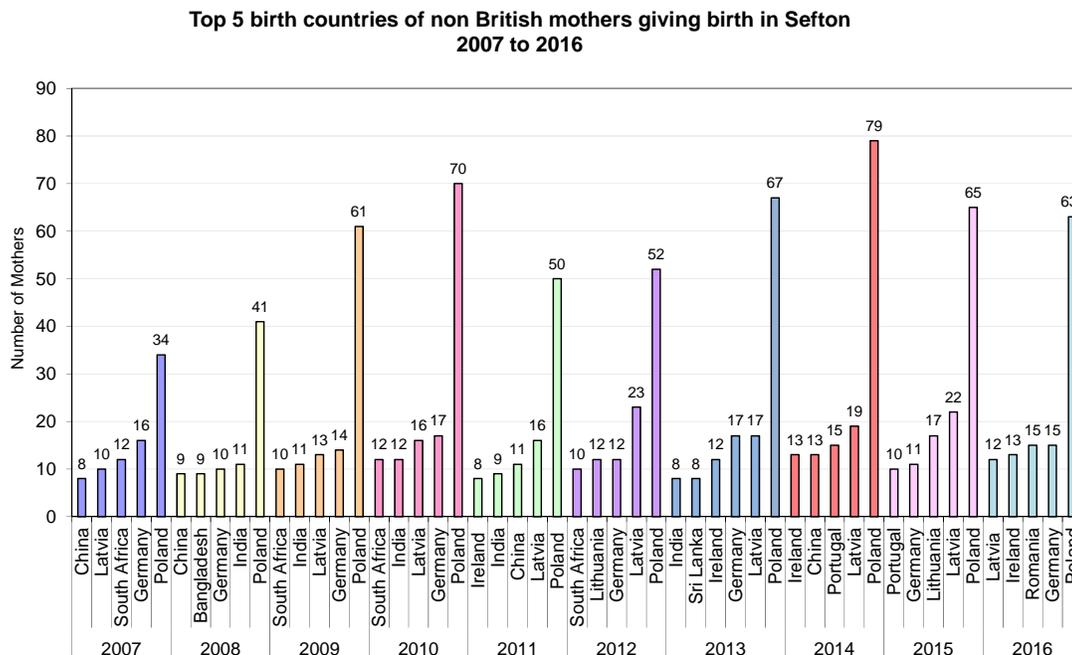
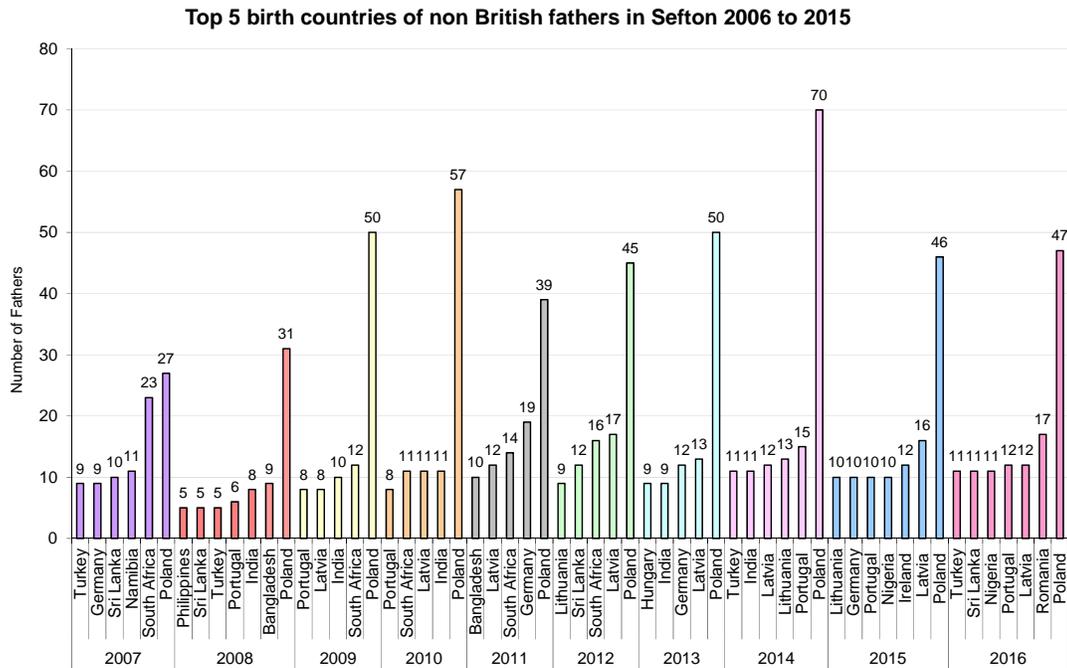
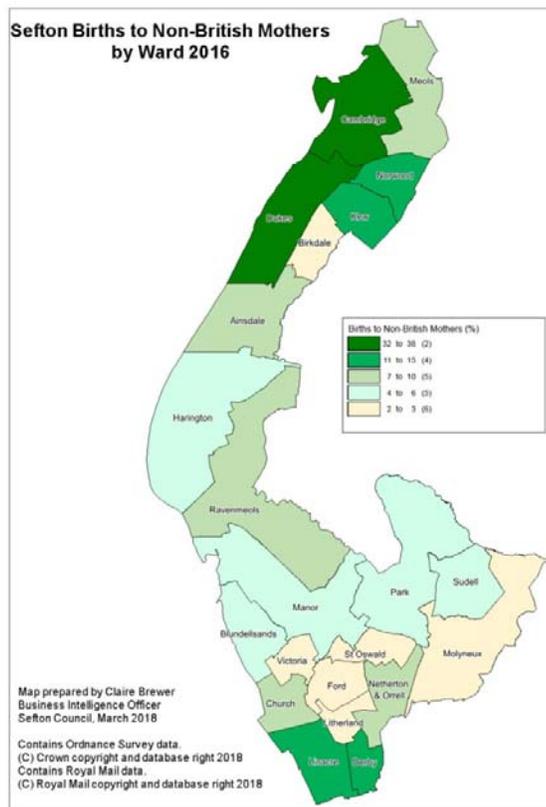


Figure 13: Top Five Countries of Birth of Non-British Fathers in Sefton 2007 – 2016



Births to non-British mothers have tended to be concentrated to mothers resident in north Sefton, particularly the wards of Dukes and Cambridge. In 2016 Dukes ward still has the highest proportion of births to non-British mothers at 38%. However, births to non-British mothers have increased in several South Sefton wards in 2016. Births to non-British mothers residing in Linacre, Derby, Netherton & Orrell and Church made up almost a third of the total number of births to non-British mothers in 2016.

Figure 14: Map of Births to Non-British Mothers in Sefton 2016



In accordance with the increasing number of births to non-British mothers in the South of the borough, 2016 has seen an increase in the proportion of deliveries to Sefton’s non-British mothers at Liverpool Women’s Hospital. In 2015, 34% of non-British mothers gave birth at Liverpool Women’s compared to 63% at Southport & Ormskirk. In 2016, 46% of non-British mothers delivered at Liverpool Women’s hospital, a 35% increase.

Figure 15: Births to Non-British Mothers by Site of Delivery 2010-2016

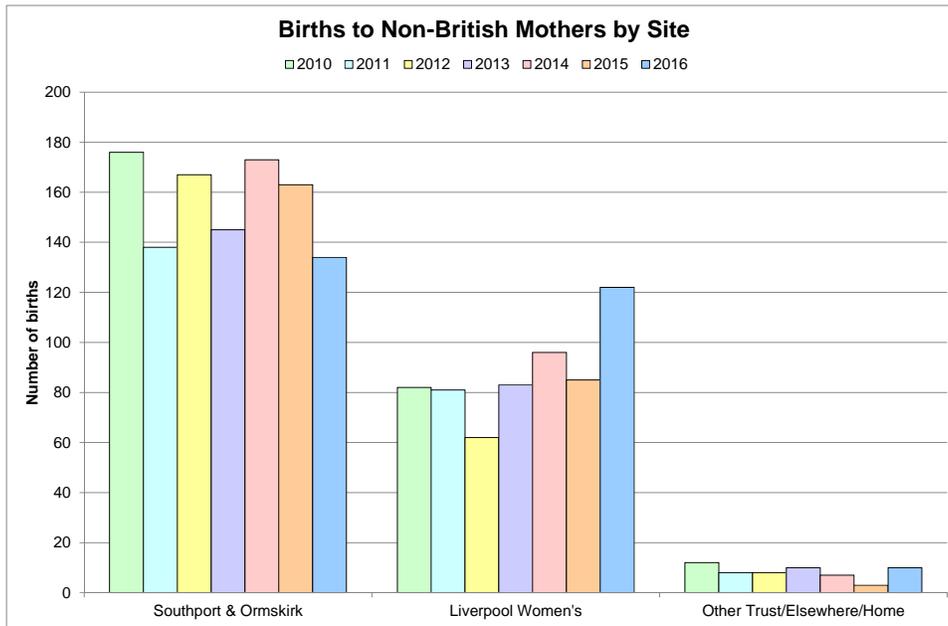


Figure 16: Births to Non-British Mothers by Country of birth and Site 2016

