

Breastfeeding comparisons between initiation, 10-14-days and 6-8 weeks in 2015-16

Breastfeeding comparisons at initiation, 10-14 days and 6-8 weeks in 2015/16

The following report includes information on breastfeeding activity by age of mother, deprivation, districts, rurality and Clinical Commissioning Group Area within Shropshire County in 2015-16 at initiation (48-hours after birth) and/or the first 10-14 days and 6-8 weeks post birth.

Table 1 – Breastfeeding Status for Shropshire (2015-16)

2015-16 Method	Initiation		10-14 Days		6-8 Weeks	
	Number	Percentage	Number	Percentage	Number	Percentage
Bottle	—	—	1018	42.7%	1427	53.0%
Breast	—	—	1011	42.4%	921	34.2%
Breast and Formula	—	—	356	14.9%	325	12.1%
Not Recorded	—	—	1	0.0%	20	0.7%
Any breast	1877	78.3%	1367	57.3%	1246	46.3%
Shropshire Total			2386		2693	

Source: Maternity Services, Shrewsbury and Telford NHS Hospital Trust 2015/16

The above table indicates the method and rates of breastfeeding by Shropshire mothers in 2015/16 at initiation (48 hours after birth), 10-14 days and 6-8 weeks. At 10-14 days similar proportions of babies were bottle or breast fed, but a **significantly higher** percentage were bottle fed than breast fed at 6-8 weeks.

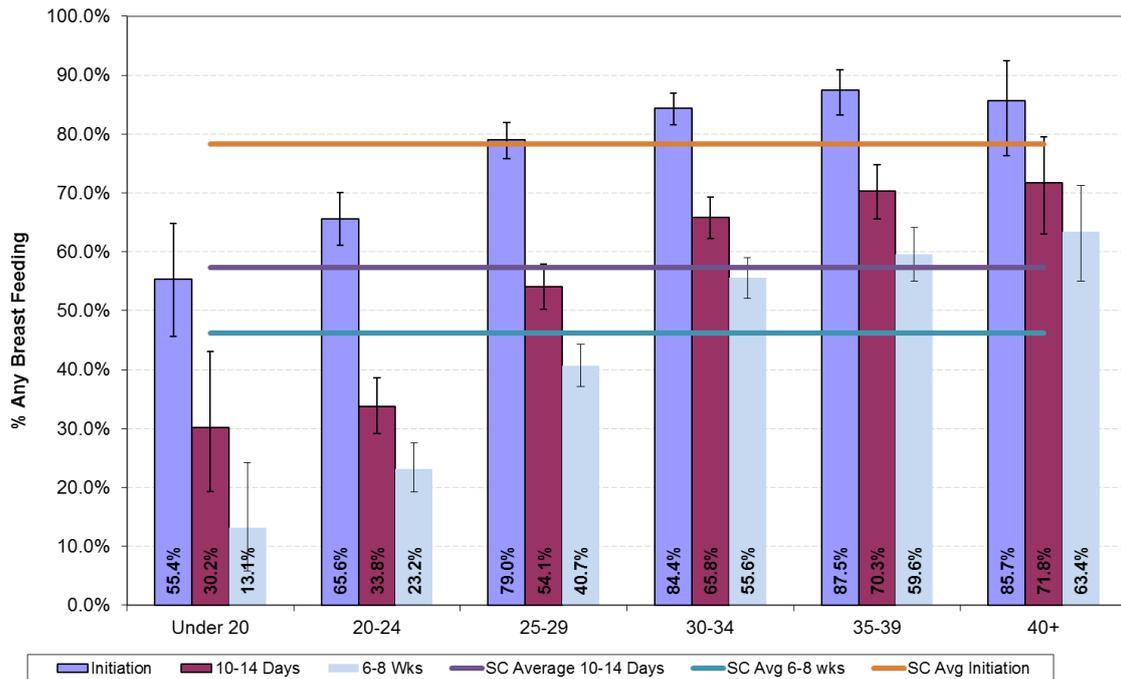
A **Significantly higher** percentage of mothers participated in 'any' breastfeeding at initiation compared to 10-14 days or 6-8 weeks and significantly fewer mothers 'any breastfed' at 6-8 weeks compared to 10-14 days.

Compared to 2014/15, the percentage for 'any breastfeeding' at initiation **increased** by 1.6%, by 2.0 % at 6-8 weeks but **decreased** at 10-14 days by 0.9%.

Breast feeding trends by age of mother

The following chart shows the 'any breastfeeding' activity for Shropshire County which is comprised of 'breastfeeding only' and 'breastfeeding and formula feeding' and is derived from the Child Health Surveillance System.

Figure 1: Any breast feeding by age of mother in Shropshire County (2015/16)



Source: Maternity Services, Shrewsbury and Telford NHS Hospital Trust 2015-16

Figure 1 shows a **significantly higher** percentage of participation in 'any breastfeeding' at the initiation stage (48-hours after birth) compared to either the 10-14 days and 6-8 weeks stages across all the age groups except in the 40+ age band which was similar to 10-14 days. The highest percentage of 'any breastfeeding' was at initiation stage for those mothers aged 35-39 and those aged 40+ at 10-14 days and 6-8 weeks.

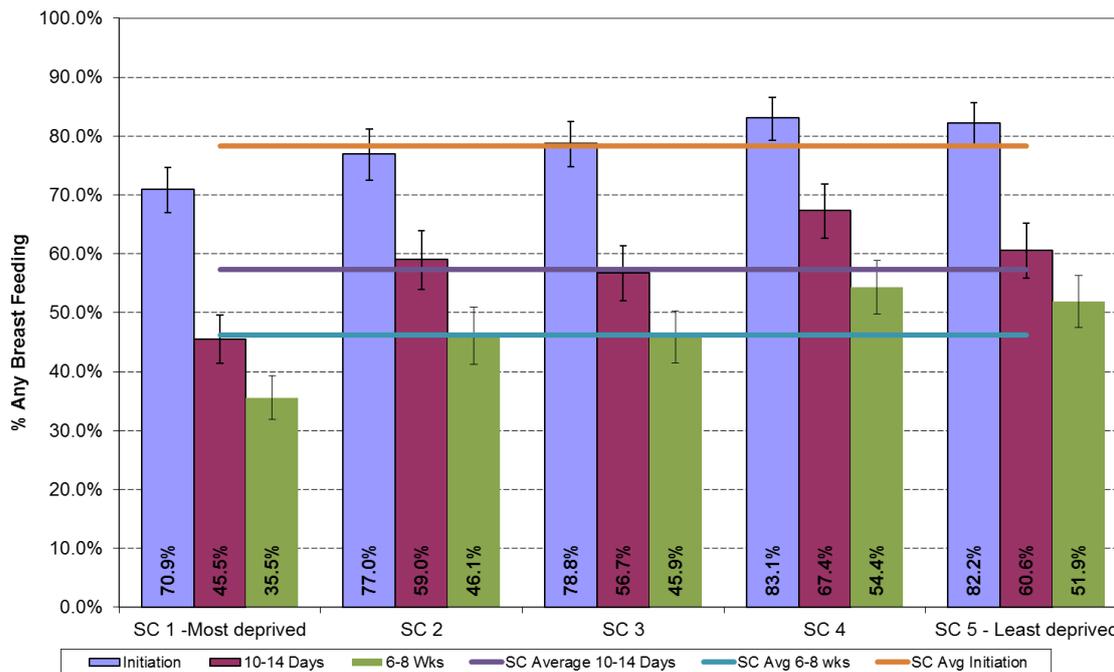
There were **significantly fewer** mothers under the age of 25 participating in 'any breastfeeding' at all stages compared to all the other age bands and were under the Shropshire averages for those years; however in 2015/16 there was an increase in any breastfeeding at initiation in the under 20 age band by 0.8% and 2.7% at 6-8 weeks, but a decrease of 4.5% at 10-14 days compared to 2014/15. The trend for mothers in the 30+ age groups show that 'any breastfeeding' was more likely to be sustained for longer, particularly in the 35+ age band.

Deprivation

Figure 2 shows a **significantly higher** percentage of participation in 'any breastfeeding' at the initiation stage (48-hours after birth) compared to either 10-14 days or 6-8 weeks across all the deprivation quintiles. There was significantly lower participation in 'any breastfeeding' at all stages in the most deprived quintile compared to the least. However, in 2015/16 in the most deprived quintile, there was increased participation in 'any breastfeeding' at initiation stage (3.6%) and 6-8 weeks (1.7%) but a decrease of 3.4% at 10-14 days compared to 2014/15.

'Any breastfeeding' in the least deprived quintile was **similar** to the Shropshire average at initiation and 10-14 days but **significantly higher** at 6-8 weeks.

Figure 2: Any breastfeeding by deprivation in Shropshire (2015/16)

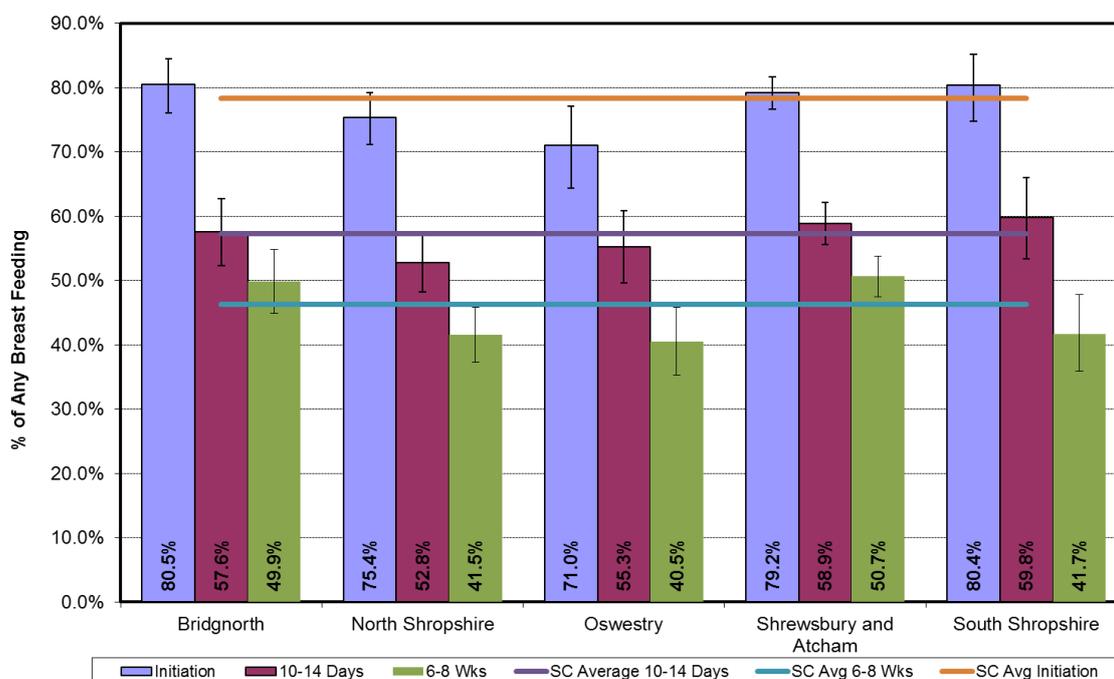


Source: Maternity Services, Shrewsbury and Telford NHS Hospital Trust 2015/16

District

Figure 3 shows **significantly higher** participation rates in 'any breastfeeding' at initiation stage compared to either 10-14 days or 6-8 weeks across all districts. Proportions for initiation and 10-14 days were similar between each district; however at 6-8 weeks, Shrewsbury & Atcham was significantly higher compared to Oswestry and North Shropshire.

Figure 3: Any breastfeeding by district in Shropshire County (2015/16)

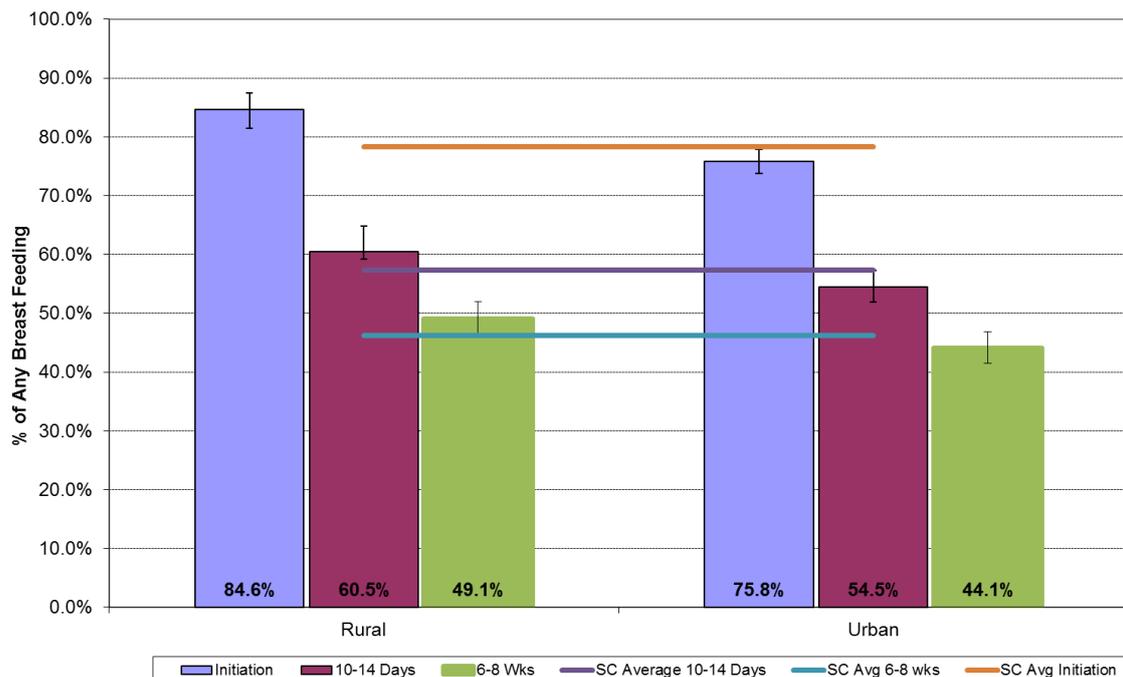


Source: Maternity Services, Shrewsbury and Telford NHS Hospital Trust 2015/16

Rurality

Figure 4 shows **significantly higher** participation percentages in 'any breastfeeding' at initiation stage compared to either 10-14 days or 6-8 weeks across both rural and urban areas and initiation rates in rural areas were significantly higher than the Shropshire average compared to urban areas. Participation was significantly higher at 10-14 days in rural areas compared to urban areas and was also significantly higher than the Shropshire average compared to urban areas. Participation at 6-8 weeks was similar for both urban and rural and both areas were similar to the Shropshire average.

Figure 4: Any breastfeeding by Rurality in Shropshire County (2015/16)



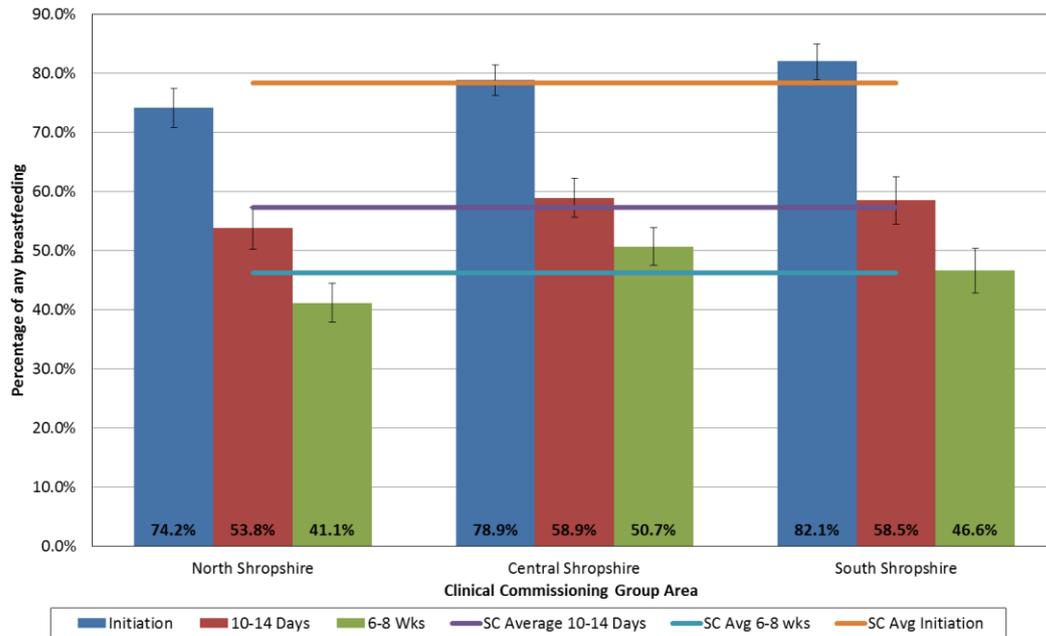
Source: Maternity Services, Shrewsbury and Telford NHS Hospital Trust 2015/16

Clinical Commissioning Group

Figure 5 shows significantly higher percentage rates in 'any breastfeeding' at initiation stage compared to either 10-14 days or 6-8 weeks across all the commissioning groups.

Initiation participation in North Shropshire was significantly lower than South Shropshire but similar to Central Shropshire. Participation was similar across the CCG for 10-14 days and significantly lower in North Shropshire at 6-8 weeks compared to either Central Shropshire or South Shropshire.

Figure 5: Any breastfeeding by CCG in Shropshire County (2015/16)



Source: Maternity Services, Shrewsbury and Telford NHS Hospital Trust 2015/16

Summary

- 'Any breastfeeding' was significantly higher at initiation stage when compared to either 10-14 days or 6-8 weeks; however at 10-14 days 'any breastfeeding' was significantly higher compared to bottle feeding, but this trend was reversed at the 6-8 week stage where bottle feeding was significantly higher than 'any breastfeeding'.
- Significantly higher rates of participation in 'any breastfeeding' at initiation stage across all age bands except in the +40s age band which was similar to 10-14 days.
- A significantly lower percentage of mothers aged less than 25 participated in 'any breast feeding' at all stages whereas those mothers in the 30+ age band were more likely to sustain 'any breastfeeding' for longer.
- Significantly higher rates of 'any breastfeeding' at initiation stage compared to 10-14 days and 6-8 weeks across all deprivation quintiles and significantly lower participation in 'any breastfeeding' across all the stages in the most deprived quintile compared to the least.
- Significantly higher rates of any breast feeding at initiation stage across all districts.
- Significantly higher participation rates for 'any breastfeeding' at initiation and 10-14 days in rural areas compared to urban areas but rates were similar between urban and rural areas at 6-8 weeks ; overall significantly higher participation at initiation stage compared to either 10-14 days and 6-8 weeks across both areas.
- Significantly higher participation rates for 'any breastfeeding' at initiation stage compared to 10-14 days or 6-8 weeks across all the CCGs. North Shropshire had lower participation rates at all stages compared to either Central or South Shropshire.

