

# BirthWell Partners Birth Outcomes 2018

In 2018 BirthWell Partners doula attended births with 47 pregnant clients and babies (there were no twins this year). Twenty-four clients identified as Black, 21 as White and two as multi-racial. One client was Black-Hispanic and five were White-Hispanic. Below are our outcome data, side by side with corresponding data for national, state of Alabama and Jefferson County outcomes.

Measure	National	State of Alabama	Jefferson County	BWP 2018	
n	<b>3,791,712 (3)</b>	<b>57,761 (3)</b>	<b>8,436 (4)</b>	<b>47</b>	n
C-Section Rate (%)	<b>31.9 (3)</b>	<b>34.7 (3a)</b>	<b>* 34.76 (4)</b>	<b>** 27.27</b>	44
White	30.8 (3)	34.1 (3a)		14.29	21
Black	36.1 (3)	37.9 (3a)		39.13	23
Epidural Rate (%)	<b>75.11 (3a)</b>			<b>60.53</b>	39
average gestational age (weeks)				<b>39.68 weeks</b>	46
Average Birth Weight lbs				<b>7.75</b>	42
Pre-Term Births (%)	<b>10.02 (3)</b>	<b>12.48 (3a)</b>		<b>6.52</b>	46
White	9.09 (3)	10.87 (3a)		0.00	21
Black	14.13 (3)	16.51 (3a)		12.00	25
LBW rate (%)	<b>8.28 (3)</b>	<b>10.7 (3a)</b>	<b>11.7 (4)</b>	<b>2.38</b>	42
White	6.91 (3)	8.1 (3a)	7.8 (4)	0.00	21
Black	13.89 (3)	16.4 (3a)	15.9 (4)	4.76	21
ever BF (%)	<b>83.9 (7)</b>	<b>70.6 (7)</b>		<b>94.59</b>	38
White	<b>85.3 (7)</b>			94.44	18
Black	<b>75.5 (7)</b>			94.74	20
BF at discharge (%)	<b>83.5 (3a)</b>			<b>92.86</b>	28
White	84.9 (3a)			92.31	13
Black	72.3 (3a)			93.33	15
Skin to skin (%)				<b>95.00</b>	40
induction rate (%)	<b>27.08 (3a)</b>			<b>14.63</b>	41
Pitocin Augmentation	21.55 (3a)			<b>28.95</b>	39

Note that we are missing some outcome data. We have included the n for each data point so that you can see where data are missing.

\*Note that the AL Vital Statistics Report (ref 4), gives rates for each hospital in our county. The c-section rate in this chart reflects those numbers. Thus, we report the rate for all babies BORN in Jefferson County, rather than the rate for RESIDENTS of Jefferson County.

\*\*Doula support can help reduce the chance of a c-section by providing one-on-one care during labor and birth. Doula support during labor cannot impact decisions made before labor begins. Since our data set is small, the three clients with a planned c-section have an outsized impact on our outcome data. To better reflect the impact of doula support, we calculated our c-section rate again after excluding these three births that were planned to be c-sections before labor started. With these births excluded, our c-section rate for the remaining 41 births is **21.95%**.

### **Sources of reference data for national, state and county:**

3. Births: Final Data for 2018. National Vital Statistics Reports, Volume 68, Number 13. Centers for Disease Control and Prevention, November, 2018.  
[https://www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68\\_13-508.pdf](https://www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68_13-508.pdf)
- 3a. National Vital Statistics Report Vol. 68 Number 13 Births: Final Data 2018, Supplemental Tables  
[https://www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68\\_13\\_tables-508.pdf](https://www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68_13_tables-508.pdf).
4. Alabama Vital Statistic Report 2018 -  
<https://www.alabamapublichealth.gov/healthstats/assets/AVS2018.pdf>
7. National Immunization Survey Results: Breastfeeding 2011-2018  
[https://www.cdc.gov/breastfeeding/data/nis\\_data/results.html](https://www.cdc.gov/breastfeeding/data/nis_data/results.html)