

# BirthWell Partners Birth Outcomes 2019

In 2019 BirthWell Partners doulas attended births with 54 pregnant clients and babies (there were no twins this year). Thirty-four clients identified as Black, 17 as White, and three as Multi-racial. None of the clients identified as Black-Hispanic and three identified as White-Hispanic. One of BirthWell clients' babies was born still. 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 2019	
n	<b>3,747,540 (3)</b>	<b>58,615 (3)</b>	<b>8,481 (4)</b>	<b>54</b>	n
C-Section Rate (%)	<b>31.7 (3)</b>	<b>34.6 (3a)</b>	<b>*35.01 (4)</b>	<b>**18.52</b>	54
White	30.7 (3)	34.3 (3a)		<b>25.00</b>	<b>16</b>
Black	35.9 (3)	37.9 (3a)		<b>17.65</b>	<b>34</b>
Epidural Rate (%)	<b>76.04(3a)</b>			<b>56.00</b>	<b>50</b>
average gestational age (weeks)				<b>39.29</b>	<b>53</b>
Average Birth Weight lbs				<b>7.07</b>	<b>50</b>
Pre-Term Births (%)	<b>10.23 (3)</b>	<b>12.48 (3a)</b>		<b>5.66</b>	<b>53</b>
White	9.26 (3)	10.83 (3a)		<b>5.88</b>	<b>17</b>
Black	14.39 (3)	16.46 (3a)		<b>6.06</b>	<b>33</b>
PTB for singleton	<b>8.47 (3)</b>			<b>N/A</b>	<b>N/A</b>
LBW rate (%)	<b>8.31 (3)</b>	<b>10.5 (3a)</b>	<b>10.9 (4)</b>	<b>13.73</b>	<b>51</b>
White	6.89 (3)	7.8 (3a)	<b>6.9 (4)</b>	<b>18.75</b>	<b>16</b>
Black	14.15 (3)	16.4 (3a)	<b>15.2 (4)</b>	<b>12.50</b>	<b>32</b>
LBW for singletons	<b>6.67 (3)</b>			<b>N/A</b>	<b>N/A</b>
ever BF (%)				<sup>a</sup> <b>100.00</b>	<b>46</b>
White				<b>100.00</b>	<b>14</b>
Black				<b>100.00</b>	<b>29</b>
BF at discharge (%)	<b>83.6 (3a)</b>			<sup>a</sup> <b>95.24</b>	<b>42</b>
White	85.0 (3a)			<b>100.00</b>	<b>13</b>
Black	73.1 (3a)			<b>92.31</b>	<b>26</b>
Skin to skin (%)				<sup>a</sup> <b>95.45</b>	<b>44</b>
induction rate (%)	<b>29.35 (3a)</b>			<b>47.92</b>	<b>48</b>
Augmentation <sup>b</sup>	21.72 (3a)			<b>46.81</b>	<b>47</b>

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.

\*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 one client with a planned c-section has an outsized impact on our outcome data. To better reflect the impact of doula support, we calculated our c-section rate again after excluding this birth that was planned to be a c-section before labor started. With this birth excluded, our c-section rate for the remaining 53 births is 16.98%.

<sup>a</sup> Breastfeeding and skin to skin outcomes exclude the single still birth.

<sup>b</sup>Augmentation represents the administration of Pitocin during labor in order to augment contractions.

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

3. Births: Final Data for 2019. National Vital Statistics Reports, Volume 70, Number 2. Centers for Disease Control and Prevention, March 2021  
<https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-02-508.pdf>
- 3a. National Vital Statistics Report Vol. 70 Number 2 Births: Final Data 2019, Supplemental Tables  
<https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-02-tables-508.pdf>
4. Alabama Vital Statistic Report 2019 -  
<https://www.alabamapublichealth.gov/healthstats/assets/2019avs.pdf>