

TENNESSEE
Breastfeeding Hotline

855-423-6667
855-4BF-MOMS
24 hours a day / 7 days a week



Tennessee Breastfeeding Hotline

October - December 2020 Quarterly Report



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Submitted to:

State of Tennessee, Department of Health

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Reviewed by:

State of Tennessee, Department of Health

Executive Summary

October - December 2020

Tennessee Breastfeeding Hotline

The Tennessee Breastfeeding Hotline (TBH) is a **24/7** breastfeeding support program that is free to nursing mothers, their families and partners, expectant parents, and to health care providers. International Board Certified Lactation Consultants (IBCLC) are available via telephone for individual consultations on breastfeeding and/or infant nutrition questions. In the event that a consulting IBCLC believes in-person follow up is required – or if there are questions outside the scope of practice of an IBCLC – callers can be referred to their health care provider or an outside agency better able to offer the necessary support.

The measurement period for this report is October through December 2020, but the report does make comparisons to the previous quarter. During this quarter, TBH received 1,045 calls, 11.6% lower than the previous quarter (1,182). Both qualitative and quantitative data are gathered immediately after each call and in a follow-up survey 4 weeks later. Data gathered from the intake survey give the TBH insight into caller characteristics such as breastfeeding status, age, race, ethnicity, gestational age at birth, etc. Post-call follow-up surveys assess self-reported outcomes and client satisfaction with services. Over the course of the measurement period, these data are collected to aid in the construction of a continuous quality improvement plan, vital in ensuring the sustainability and productivity of the TBH.

Purpose of the TBH

Breastfeeding is widely accepted as an effective strategy to promote positive health outcomes for both mothers and their babies. According to the Centers for Disease Control and Prevention's most recent National Immunization Survey (NIS)¹, **75.8%** of Tennessee babies born in 2017 were ever breastfed.

1 Centers for Disease Control and Prevention. National Immunization Survey. Breastfeeding Rates by State.. https://www.cdc.gov/breastfeeding/data/nis_data/rates-any-exclusive-bf-by-state-2017.htm

By the time their baby reached **6 months** of age, the proportion of Tennessee mothers breastfeeding decreased from **75.8%** to **48.7%**. Tennessee's breastfeeding initiation and 6 months duration estimates are lower than Healthy People 2020's goals of **81.9%** and **60.6%**, respectively.

This report was created to examine how the TBH is currently fostering the healthy development of children by promoting and supporting the practice of breastfeeding in Tennessee. By addressing common barriers to breastfeeding in the state, the hotline reinforces the national goal of higher breastfeeding rates, over longer periods of time.

Data Limitations

Calls canceled by the caller in fewer than 10 seconds after being placed were treated as errors and not counted in the total call volume.

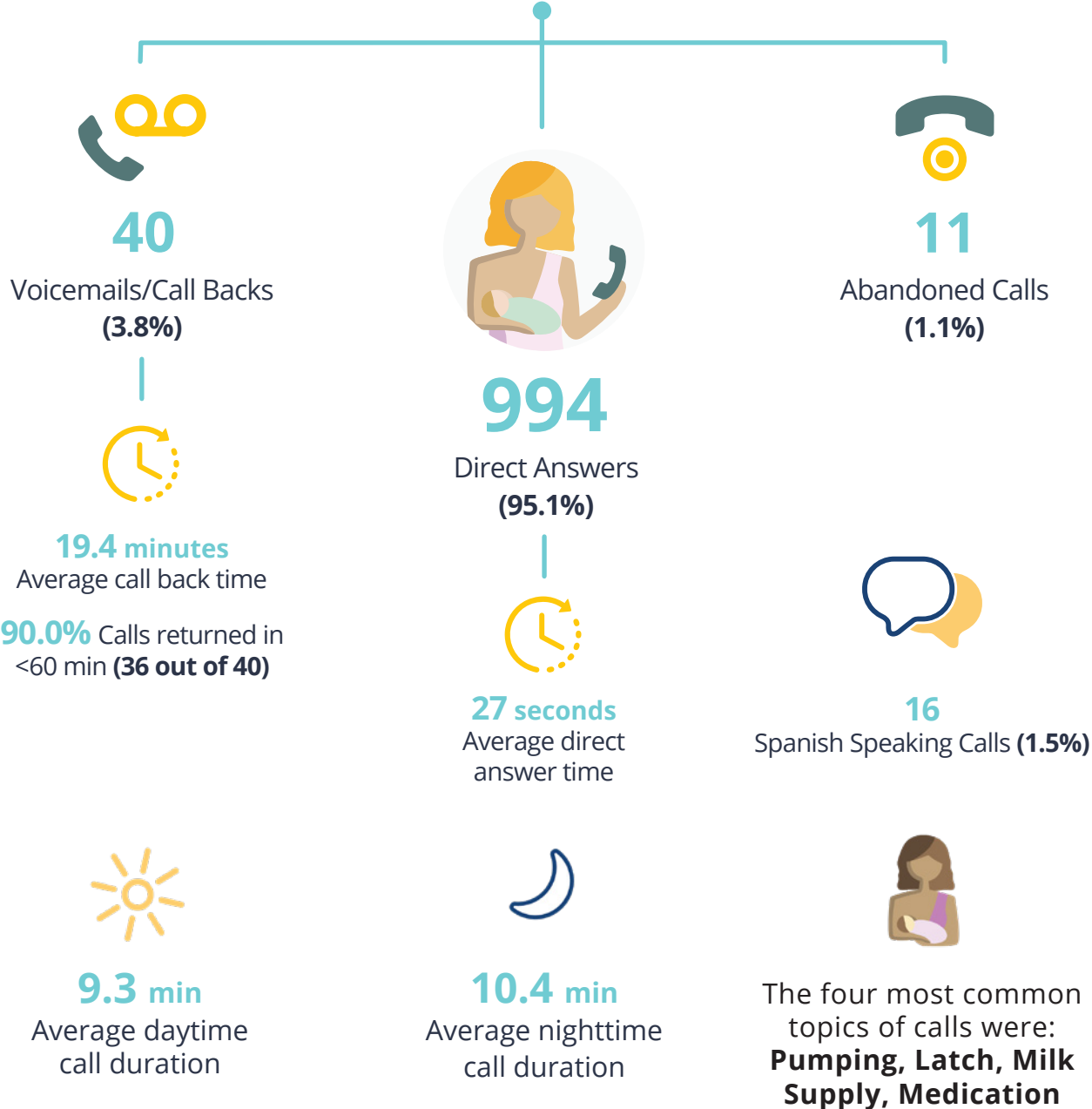
In the demographic survey, callers were asked to input their zip code to track call distribution by county. Answers that did not pertain to real U.S. counties were treated as errors and not counted in total call distribution by county (Page 8).

In the quality improvement survey, callers that selected a response outside of the possible choices were considered as entry errors (Page 9).

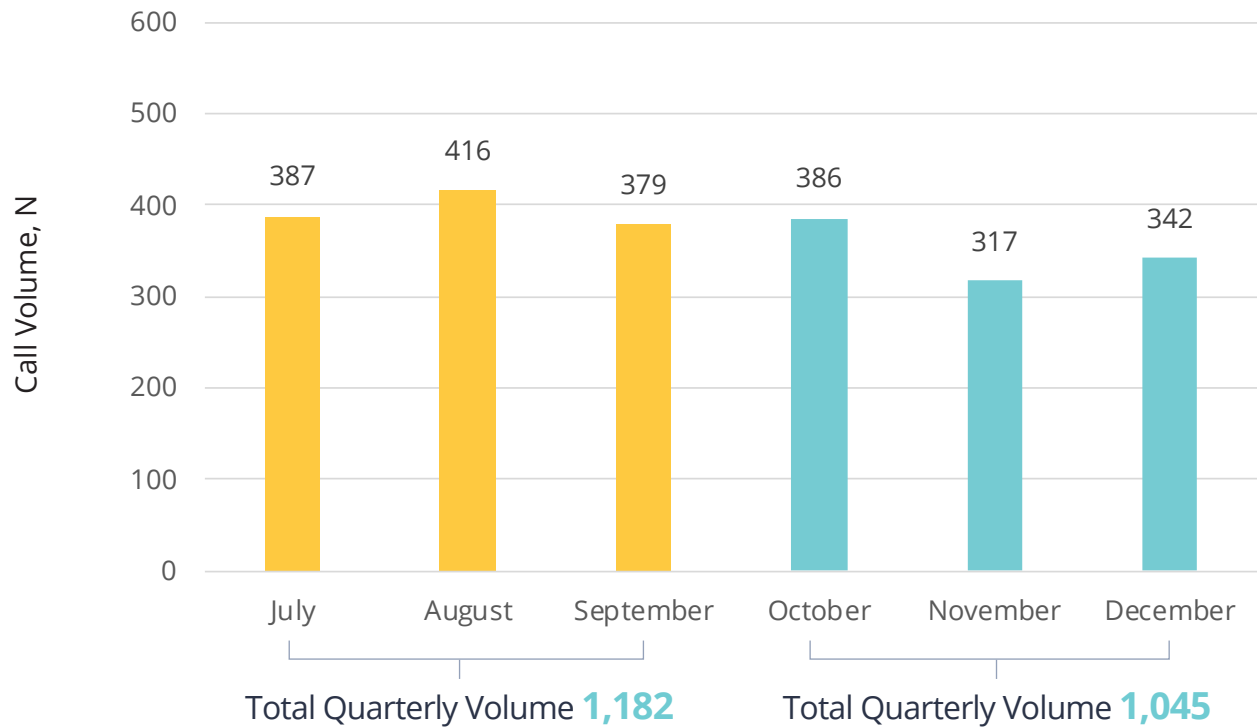
Cumulative Call Data: October - December 2020



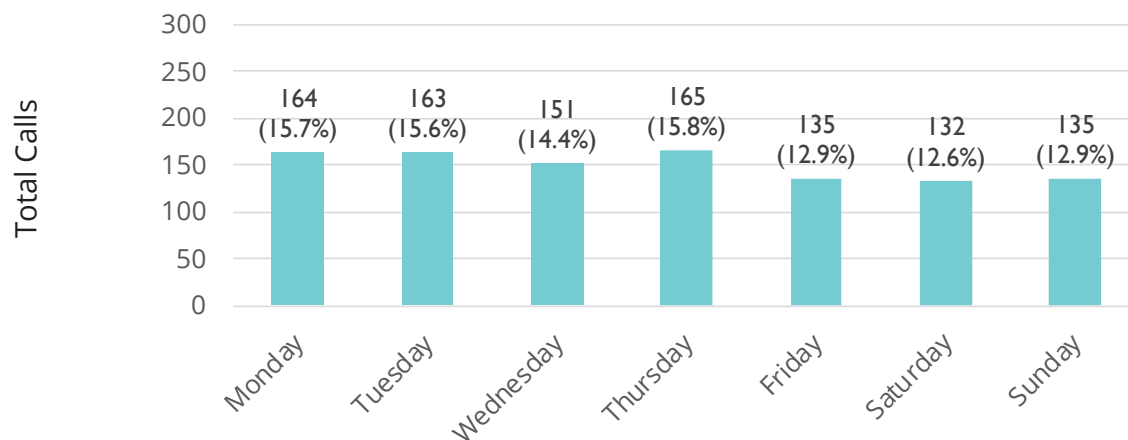
1,045
Total Calls



Call Volume Trend, Previous Quarter Compared to Current Quarter



Call Volume, by Day of Week (N=1,045)



Note: Total may not equal 100% due to rounding.

Call volume was highest on **Thursdays (15.8%)** and lowest on **Saturdays (12.6%)**

593 (56.7%) of calls were made outside of normal business hours

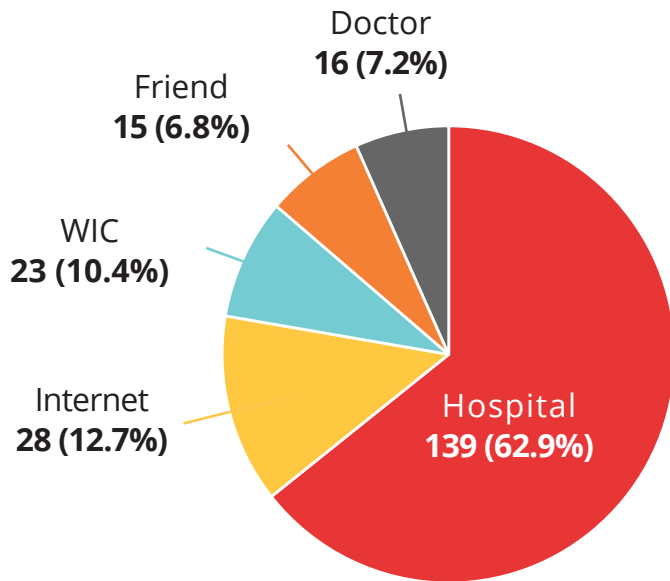
267 (45.0%) Weekend calls

326 (55.0%) After hours calls (before 8am & after 5pm)

Demographics

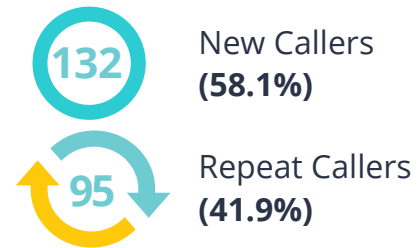
Out of **1,045** calls, the Tennessee Breastfeeding Hotline received **242** questionnaire responses, the data from which are reflected below.

Referral Source (N=221)



*Other Referral Source or Declined to Answer (n=21)

Call Frequency (N=227)



*Declined to Answer (n=15)

WIC Participation (N=224)



2.1 of 10 callers Participated in WIC (**20.5%**)

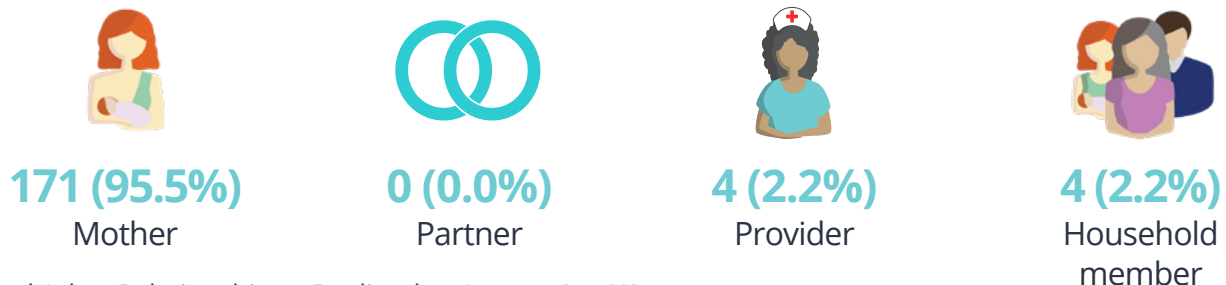
*Declined to Answer (n=18)

Breastfeeding Status (N=216)



*Declined to Answer (n=26)

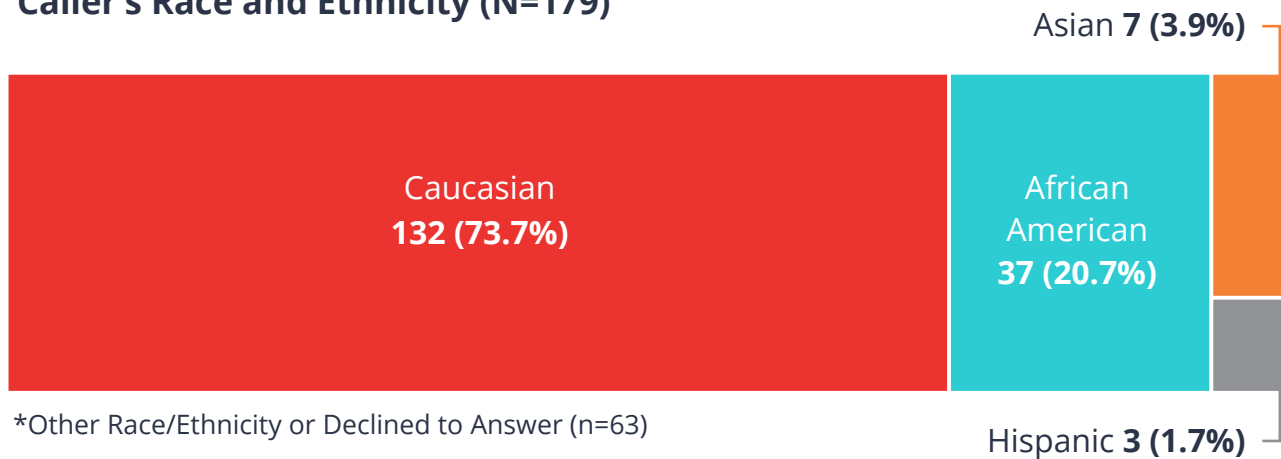
Caller's Relationship (N=179)



*Other Relationship or Declined to Answer (n=63)

Demographics

Caller's Race and Ethnicity (N=179)



*Other Race/Ethnicity or Declined to Answer (n=63)

Note: Total may not equal 100% due to rounding

Age Distributions



30.2 years
Average age of caller



9.1 weeks
Average age of baby



38.7 weeks
Average gestational age of baby at birth

*Don't Know or Declined to Answer (n=41)

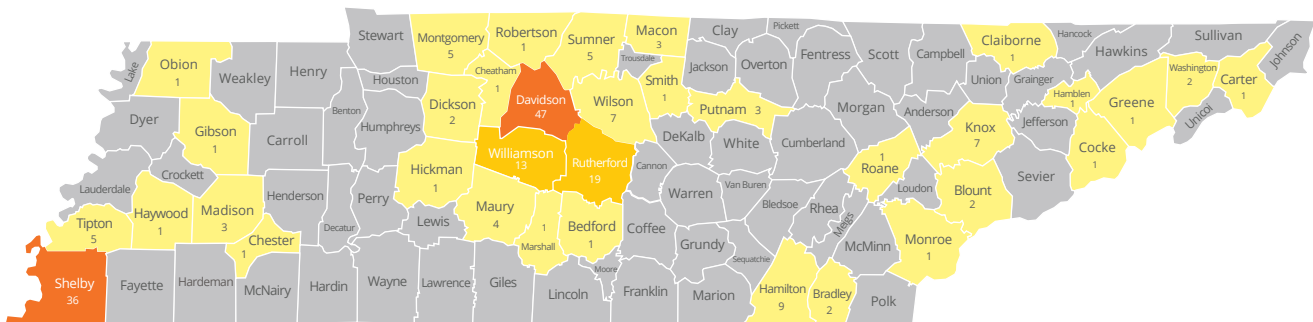
*Don't Know or Declined to Answer (n=80)

*Don't Know or Declined to Answer (n=88)

Call Distribution by County (N=191)

Of the **242** questionnaires collected, the Tennessee Breastfeeding Hotline received **208** responses to this question. Of the **208** responses, **191 (91.8%)** were from Tennessee residents while **17 (8.2%)** were from out-of-state. County distribution of Tennessee calls is depicted below. The highest call volumes were from Davidson and Shelby counties.

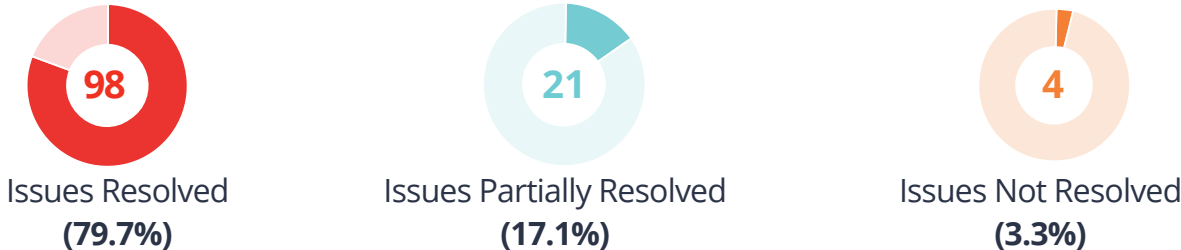
Number of Calls



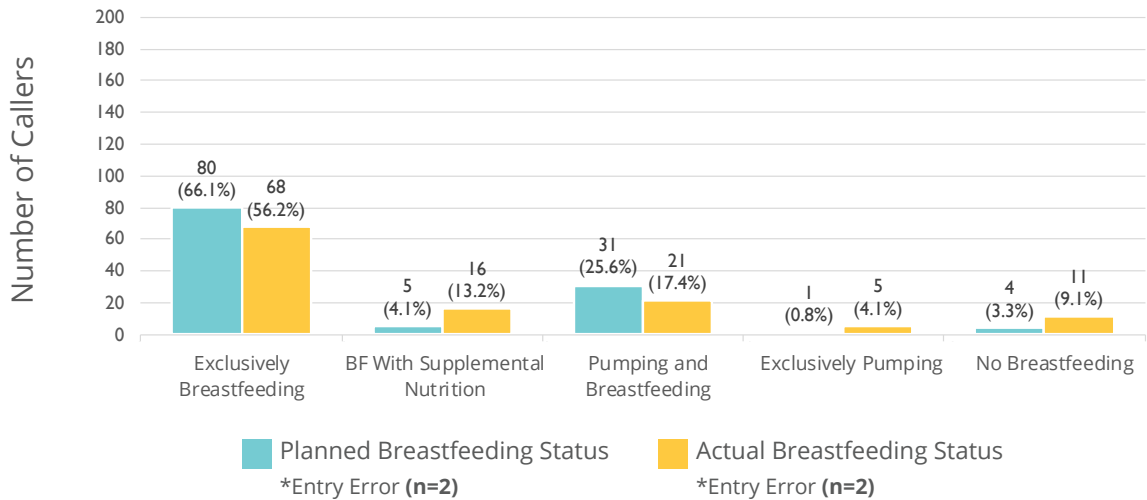
Quality Improvement Survey Results

The follow-up survey calls were conducted by phone with up to three attempts to reach each caller. Of **842** survey calls placed, the TBH received **123 (14.6%)** fully completed surveys.

Issue Resolution (N=123)



Planned (N=121) and Actual (N=121) Breastfeeding Status



Hotline Experience Rating (N=120)

Callers were asked to rate their experience on the Tennessee Breastfeeding Hotline on a scale from 1 (Poor) to 5 (Outstanding). Out of **120** responses, the average star rating was **4.5** out of **5** stars, with **83 (69.2%)** rating their experience as outstanding.



*Entry Error (n=3)