

## Labette Health included in Kansas Newborn Screening's 'Best of the Best' facility recognition

Labette Health was named one of Kansas' "Best of the Best in Point-of-Care/Metabolic and Genetic Newborn Screening" in 2019.

The Kansas Department of Health and Environment, in partnership with the Kansas Hospital Association and the Kansas Midwives Alliance, has created a recognition program for hospitals, facilities and midwives who provide newborn screening services. The first-ever awards were released on July 31 by KDHE's Kansas Newborn Screening Program (KS-NBS), honoring 131 birthing facilities and midwives for their dedication to higher newborn screening standards in 2019.

"It's an honor to be recognized by Kansas Department of Health and Environment," said Janet Cruse, laboratory director. "We put forth every effort to make sure each baby born at Labette Health receives lifesaving newborn screening services in a timely manner."

Birthing facilities and newborn providers can earn top honors in up to five general categories by meeting or exceeding state goals or performing better than the state average. Facilities earning all recognitions for ei-

ther point-of-care (hearing and critical congenital heart defects) or metabolic and genetic screenings earn a "Best of the Best" designation.

The KS-NBS program began in 1965 and screens newborns for 32 rare and serious medical conditions. In response to a 2018 recommendation from the KS-NBS Advisory Committee, the program began planning to add four new conditions to Kansas' newborn screening panel. In preparation, the program updated quality and timeliness expectations. Over the last two years, Labette Health has worked diligently to retrain its staff, update protocols and adjust to higher newborn screening standards.

"Labette Health's Obstetrics Department has a great working relationship with our Lab Department while ensuring that the screening is completed efficiently," said Sharon Roberts, R.N., OB director. "This recognition would not be possible without the collaborative efforts between OB and Lab."

The recognition publication is available on KS-NBS's website, [www.kdheks.gov/newborn\\_screening](http://www.kdheks.gov/newborn_screening).

# Kansas Newborn Screening



**2019**

**Facility Recognitions**

# Table of Contents

<u>About Annual Recognitions</u>	.....	1
<u>What Recognition Means</u>	.....	2
<u>Recognition Categories &amp; Awards</u>	.....	3
<u>Complete Demographic Recognitions</u>	.....	5
<u>CCHD Screening Recognitions</u>	.....	7
<u>Hearing Screening Recognitions</u>	.....	8
<u>Metabolic Screening - Collection Age Recognitions</u>	.....	9
<u>Metabolic Screening - Transit Time Recognitions</u>	.....	11
<u>Metabolic Screening - Unsatisfactory Rate Recognitions</u>	.....	15
<u>Best of the Best</u>	.....	17
<u>Appendix: Facility Size Lists</u>	.....	19

# About Annual Recognitions

The Kansas Newborn Screening team is continually grateful for the hard work and dedication of our state's healthcare partners in improving the lives of Kansas newborns and their families. Improving the program's effectiveness requires consistent and strategic collaboration between the follow-up team, health chemistry laboratory team, Kansas families, and *you*, our healthcare partners.

Over the past year, we have seen great improvement in all program performance metrics. These improvements are largely due to your dedication to staff training, updating facility protocols and practices, and adhering to higher newborn screening standards. In partnership with the Kansas Hospital Association (KHA) and the Kansas Midwives Association (KMA), we want to recognize those facilities and midwives who most closely adhered to state goals over the course of 2019.

## **How Annual Recognitions Work**

To make comparisons most equitable, birthing facilities and providers were distributed into size classes by the number of births reported at each facility in 2019. Non-birthing facilities were distributed into size class by the total number of specimens sent to our laboratory in 2019.

The size classes by number of births/specimens are as follows:

- Very Small = 0-150
- Small = 151-550
- Medium = 551-1050
- Large = more than 1050

Each size class was then assessed against qualifying criteria based on state screening goals.



# What Recognition Means

To earn recognition means that your facility clearly demonstrated a consistent effort to meet or exceed state screening goals in 2019. State Newborn Screening goals are:

## **Critical Congenital Heart Defects (CCHD)**

- ⇒ Screening status reported for 100% of infants born

## **Hearing Loss**

- ⇒ 100% of babies born are screened within 1 month of age
- ⇒ Diagnostic evaluation complete with 3 months of age
- ⇒ Infants with hearing loss receive early intervention services within 6 months of age
- ⇒ Facility referral rates remain with the expected range for their screening equipment

There are two types of screened equipment used: OAE and AABR. No more than 8% of babies screened with OAE equipment should be referred for diagnostic testing. No more than 4% of babies screened with AABR equipment should be referred for diagnostic testing. Higher than expected referral rates indicate that the screeners may not have consistently used correct screening procedures or technique.

## **Metabolic and Genetic Conditions**

- ⇒ 1.30% or less of all specimens submitted to the Kansas Health and Environment Laboratory (KHEL) are rejected as “Unsatisfactory”
- ⇒ Average collection age for specimens is 24 hours of age
- ⇒ Average elapsed time from collection to delivery at KHEL , “transit time,” is 24 hours
- ⇒ 100% of specimens have complete and correct demographic information

Meeting these goals requires a dedication to higher screening standards and continual improvement. Birthing facilities and newborn providers must employ consistent training, efficient protocols, and effective internal communication to meet these goals. Facilities and providers named in these recognitions demonstrate their dedication to better newborn screening by either meeting the goals, showing improvement over time, or exceeding state average performance rates.

# Recognition Categories & Awards

## Complete Demographics Recognition

Complete Demographics	Demographic information was 100% complete for every month
-----------------------	---

Complete demographics information is necessary to accurately interpret screening results and report them to healthcare providers in a timely manner. While this is an important measure of facility performance, it is not included in the “Best of the Best” qualification criteria. Larger facilities submit many more screenings each year and are more likely to encounter unique situations in which full demographic information is simply not available - such as in the case of an adoption. To prevent these facilities from being unfairly excluded from “Best of the Best” consideration, we did not include it in the “Best of the Best” criteria.

## Point-of-Care Recognition Categories & Qualifications

Category	Criteria
CCHD Screening	Screening status reported for 100% of babies born in 2019.
Hearing Screening	100% of babies screened, were screened within the first month of life <i>AND</i> referral rates remained at or below the recommended rate for the equipment used in all four quarters in 2019.

To make the *Hearing Screening* category as equitable as possible, we evaluated providers based on the number of babies who received screenings (as opposed to the number of babies *born*). This prevents exclusion bias caused by families who do not consent to screening. This number was then compared the to number of infants who were screened within one month. NICU and transfer status were also accounted for and did not negatively impact the resulting screening rates. Providers meeting this criteria were further evaluated for their referral rates. Those meeting both criteria received recognition.

## Metabolic & Genetic Recognition Categories & Qualifications

Category	Criteria
Unsatisfactory Rate	<ul style="list-style-type: none"> <li>YTD average <math>\leq</math> of 1.30%</li> <li>Honorable mention: YTD average &lt; State Average Rate</li> </ul>
Collection Age	<ul style="list-style-type: none"> <li>YTD average &lt; 30 Hours</li> <li>Honorable mention: YTD average &lt; State Average Rate</li> </ul>
Transit Time	<ul style="list-style-type: none"> <li>YTD average <math>\leq</math> 24 Hours</li> <li>YTD average &lt; 36 Hours</li> <li>Honorable mention: YTD average &lt; State Average Rate</li> </ul>

Unsatisfactory rate was based on the count of unsatisfactory specimens divided by the total number of specimens received in 2019. Specimens that had multiple rejection codes were only counted once. Average collection age and transit times were calculated using *initial* specimens only.

# Recognition Categories & Awards

## “All Around Best of the Best”

### Qualification Criteria:

Birthing facilities and newborn providers must earn recognition in 4 or more of the following categories to earn the “All Around Best of the Best” designation:

- Critical Congenital Heart Defects (CCHD) Screening
- Hearing Screening
- Winner or Honorable Mention in the Metabolic & Genetic Screening Categories
  - Unsatisfactory Rate
  - Collection Age
  - Transit Time

### Awards:

- Recognitions plaque
- Recognitions banner
- *Enhanced* media kit including a press release template, an email/article template, sample social media content, and an exclusive digital awards badge

## “Best of the Best in Point-of-Care/Metabolic and Genetic Screenings”

### Qualification Criteria:

Birthing facilities and newborn providers must earn either:

- Recognition in *all* point-of-care screening categories
- or
- Recognition in *all* metabolic and genetic screening categories (top honors *or* honorable mention)

### Awards:

- Recognitions plaque
- Media kit including a press release template, an email/article template, and sample social media content

## Facilities & Providers Recognized in One, Two, or Three Categories

### Qualification Criteria:

Recognition in one, two, or three categories, but that did not earn recognition in any “Best of the Best” categories.

**Awards:** Custom printed recognition certificate

# Complete Demographics

## Very Small Size Facilities

Allen County Hospital	Amy A Sparks - Midwife	Antioch Med	Arbor Creek Family Care
Associates in Internal Medicine & Pediatrics	Bazzaro Clinic	Birth Unlimited	Bloom Midwifery and Women's Health Services
Born Midwifery	Cheryl Gates - Midwife	Children's Mercy - Pediatric Care Specialists Inc	Children's Mercy Hospital Kansas
Children's Mercy West	Clay County Medical Center	Coffey County Hospital	College Point Primary Care
Community Health Center of SE KS - Ft. Scott Main Clinic	Community Healthcare System Onaga	Community Homebirth	Community Memorial Healthcare
Cushing Memorial Hospital	Derby Family Medcenter PA	Faul Midwifery	Fran Beier
Gardner Family Care	Goodland Regional Medical Center	Heidi Nisly - Midwife	Hiawatha Community Hospital
Hillsboro Community Medical Center	Hillside Medical Offices	Holton Community Hospital	Hutchinson Clinic
Immanuel Birth Company	Jessica Vail - Midwife	Kingman Community Hospital	KU Wichita Pediatrics - PKU Clinic
Lilly Mason - Midwife	McPherson Hospital	Mercy Hospital-Moundridge	Miami County Medical Center, Inc
Michelle Ruebke - Midwife	Mid-KS Pediatric Associates P.A.	Minneola District Hospital	Mitchell County Hospital
Morris County Hospital	Mulvane Family Medical Center	Natural Birth KC	Nemaha Valley Community Hospital
Nicole Greene - Midwife	No Greater Love Midwifery	Norton County Hospital	Olathe Health Family Medicine Blackfoot
Olathe Health Pediatrics, Olathe Medical Park	Osborne County Memorial Hospital	Pawnee Valley Community Hospital	Pediatric Care Specialists, PA
Phillips County Hospital	Preferred Pediatrics	Rachel Andresen - Midwife	Republic County Hospital
Rooks County Health Center	Sabetha Community Hospital	Saint John Hospital	Scott County Hospital
Sienna Medical Clinic	Simply Midwifery	South Central KS Regional Medical Center	St. Mary's Medical Center
Stanton County Hospital	Sumner Regional Medical Center	Truly You Midwifery	TUKHS Ambulatory Pediatrics- MOB
TUKHS Ambulatory Pediatrics- PV	Turner House Clinic	Washington County Hospital	Wesley Care Pediatrics Clinic
Wichita Birth Assistance	Wichita Family Medicine Specialists	Young Beginnings	



# Complete Demographics

## Small Size Facilities

Coffeyville Regional Medical Center

Neosho Memorial Hospital

Newman Regional Health

Newton Medical Center

St. Luke's South Hospital

William Newton Memorial Hospital

## Medium Size Facilities

Salina Regional Health Center

# CCHD Screening Winners

## Very Small Size Facilities

Abilene Memorial Health System	Atchison Hospital	Birth & Women's Health Center
Bob Wilson Memorial	Born Midwifery	Cheryl Gates - Midwife
Clara Barton Hospital	Clay County Medical Center	Coffey County Hospital
Community Healthcare System Onaga	Community Memorial Hospital Marysville	Fruitful Vine
Gove County Medical Center	Immanuel Birth Company	Jessica Vail - Midwife
Kingman Community Hospital	Life Center Clinic	McPherson Hospital
Midwife KC	Midwife Partners In Women's Wellness	Morton County Hospital
New Birth Company - Kansas City	Norton County Hospital	Osborne County Memorial Hospital
Republic County Hospital	Research Medical Center	Rooks County Health Center
Sabetha Community Hospital	Sacred Song Home Birth	Scott County Hospital
Simply Midwifery	Smith County Memorial Hospital	St. Mary's Health Center
Sumner Regional Medical Center	Truly You Midwifery	Wichita Birth Assistance

## Small Size Facilities

Coffeyville Regional Medical Center	Kearny County Hospital
Labette Health	New Birth Company - Overland Park
Newton Medical Center	Pratt Regional Medical Center
University of KS Health System - Great Bend	

*No medium or large size facilities reported 100% of CCHD screenings in 2019.*

# Hearing Screening *Winners*

## Very Small Size Facilities

Mitchell County Hospital

Morris County Hospital

Norton County Hospital

Sabetha Community Hospital

## Small Size Facilities

Labette Health

Newton Medical Center

## Medium Size Facilities

Lawrence Memorial Hospital

## Large Size Facilities

Olathe Medical Center

# Metabolic Screening

## *Collection Age - Winners*

Goal = 24 hours of Age

### COLLECTION AGE UNDER 30 HOURS

#### Very Small Size Facilities

Abilene Memorial Hospital	Atchison Hospital
Bob Wilson Memorial	Cheyenne County Hospital
Clay County Medical Center	Community Healthcare System Onaga
Hiawatha Community Hospital	Hillsboro Community Medical Center
Republic County Hospital	Rooks County Health Center
Smith County Memorial Hospital	South Central KS Medical Center

#### Small Size Facilities

Coffeyville Regional Medical Center	Newton Medical Center
Pratt Regional Medical Center	William Newton Hospital

#### Medium Size Facilities

Salina Regional Health Center	Western Plains Regional Medical Complex
-------------------------------	---

#### Large Size Facilities

AdventHealth Shawnee Mission	Ascension Via Christi - St. Joseph
University of Kansas Medical Center	

# Metabolic Screening

## Collection Age - Honorable Mentions

Goal = 24 hours of Age

**COLLECTION AGE UNDER STATE AVERAGE (38 HOURS)**

### Very Small Size Facilities

AdventHealth Ottawa	Born Midwifery
Coffey County Hospital	Community Memorial Healthcare Marysville
Cushing Memorial Hospital	Goodland Regional Medical Center
Gove County Medical Center	Midwife KC
Mitchell County Hospital	Natural Birth KC
Nemaha Valley Community Hospital	NewBirth Company - Kansas City
Nicole Greene - Midwife	Rice County District Hospital
Sabetha Community Hospital	Scott County Hospital
Truly You Midwifery	Washington County Hospital
Zao Midwifery	

### Small Size Facilities

Citizens Medical Center	Gearry Community Hospital
Hutchinson Regional Medical Center	Kearny County Hospital
Neosho Memorial Regional Medical Center	Newman Regional Health
St. Luke's South Hospital	Susan B. Allen Memorial Hospital

### Medium Size Facilities

Ascension Via Christi Hospital - Manhattan	Hays Medical Center
Southwest Medical Center	

### Large Size Facilities

Stormont Vail Health	Wesley Medical Center
----------------------	-----------------------



# Metabolic Screening

## *Transit Time - Winners*

---

Goal = 24 hours or less

**TRANSIT TIME AT OR BELOW GOAL**

---

### Very Small Size Facilities

Derby Family MedCenter

*No small, medium, or large size facilities met this metric in 2019.*

# Metabolic Screening

## *Transit Time - Honorable Mentions*

Goal = 24 hours or less

### TRANSIT TIME BELOW STATE AVERAGE (72 HOURS)

#### Very Small Size Facilities

Allen County Hospital	Bloom Midwifery
Children's Mercy Hospital Kansas Lab	Clay County Medical Center
Coffey County Hospital	Community Memorial Healthcare Marysville
Family Medicine College Point Olathe Health	Fruitful Vine Midwives
Gove County Medical Center	Hillsboro Community Medical Center
Holton Community Hospital	Kingman Community Hospital
McPherson Hospital	Mitchell County Hospital
Natural Birth KC	Nemaha Valley Community Hospital
Osborne County Memorial Hospital	Pawnee Valley Community Hospital
Primary Care Associates	Rice County District Hospital
Smith County Memorial Hospital	St. Mary's Health Center
Stanton County Hospital	UKHS Ambulatory Pediatrics - PV
WesleyCare Pediatrics Clinic	

#### Small Size Facilities

Hutchinson Regional Medical Center	Kearny County Hospital
Labette Health	Providence Medical Center
St. Luke's South Hospital	Susan B. Allen Memorial Hospital
William Newton Hospital	

# Metabolic Screening

## *Transit Time - Honorable Mentions*

Goal = 24 hours or less

**TRANSIT TIME BELOW STATE AVERAGE (72 HOURS)**

### Medium Size Facilities

Ascension Via Christi Hospital - Manhattan

Salina Regional Health Center

University of KS Health System - St. Francis

### Large Size Facilities

AdventHealth Shawnee Mission

Overland Park Regional Medical Center

Stormont Vail Health

Wesley Medical Center

*This page intentionally left blank*

# Metabolic Screening

## *Unsatisfactory Rate - Winners*

---

Goal = 1.3% or less

**UNSATISFACTORY RATE AT OR BELOW GOAL**

### Small Size Facilities

St. Luke's South Hospital

*No very small, medium, or large size facilities met this metric in 2019.*



# Metabolic Screening

## *Unsatisfactory Rate - Honorable Mentions*

**Goal = 1.3% or less**

**UNSATISFACTORY RATE BELOW STATE AVERAGE (4.75%)**

### Very Small Size Facilities

Allen County Hospital

Bob Wilson Memorial

Children's Mercy - Pediatric Care Specialists

Children's Mercy Hospital Kansas Lab

Fruitful Vine Midwives

Hiawatha Community Hosp

Nemaha Valley Community Hospital

Olathe Health Pediatrics, Olathe Medical Park

Rooks County Health Center

### Small Size Facilities

Coffeyville Regional Medical Center

Kearny County Hospital

Menorah Medical Center

Neosho Memorial Regional Medical Center

Newton Medical Center

Pratt Regional Medical Center

Providence Medical Center

### Medium Size Facilities

Ascension Via Christi Hospital - Pittsburg

Ascension Via Christi Hospital - Manhattan

Hays Medical Center

Irwin Army Community Hospital

Salina Regional Health Center

University of Kansas Health System - St. Francis

Western Plains Regional Medical Complex

### Large Size Facilities

AdventHealth Shawnee Mission

Overland Park Regional Medical Center

Stormont Vail Health

University of Kansas Medical Center

Wesley Medical Center

# Best of the Best

## **Facilities Earning “All Around” Recognition (4 or more Categories)**

Kearny County Hospital  
*CCHD & Honorable Mention in all three Metabolic Categories*

Newton Medical Center  
*CCHD, Hearing, Top Honors in Metabolic Collection Age & Honorable Mention in Metabolic Unsatisfactory Rate*

## **Facilities Meeting Both Point-of-Care Screening Metrics**

Labette County Medical Center  
Norton County Hospital  
Sabetha Community Hospital

## **Facilities Earning Recognition in all Metabolic Screening Categories**

AdventHealth Shawnee Mission (*Top Honors in Collection Age*)  
Ascension Via Christi - Manhattan  
Nemaha Valley Community Hospital  
Salina Regional Health Center (*Top Honors in Collection Age*)  
St. Luke's South Hospital (*Top Honors in Unsatisfactory Rate*)  
Stormont Vail Health  
Wesley Medical Center

**CONGRATULATIONS!**

*This page intentionally left blank*

# Appendix: Facility Size Lists

## Very Small Size Facilities

Abilene Memorial Hospital	Bob Wilson Memorial Hospital	Community Homebirth	Hiawatha Community Hospital
AdventHealth Ottawa	Born Midwifery	Community Memorial Healthcare	Hillsboro Community Medical Center
Allen County Hospital	Brenda Frankenfeld - Midwife	Cushing Memorial Hospital	Hillside Medical Offices
AMS Lab	Cheryl Gates - Midwife	Derby Family MedCenter PA	Holton Community Hospital
Amy A Sparks - Midwife	Cheyenne County Hospital	Drs. Heidgen and Mills	Hutchinson Clinic
Antioch Med	Children's Mercy - Pediatric Care Specialists Inc	Family Medicine College Point Olathe Health	Immanuel Birth Company
Arbor Creek Family Care	Children's Mercy Hospital Kansas	Faul Midwifery	Jessica Vail - Midwife
Ascension Via Christi Clinic - Derby	Children's Mercy Hospital Kansas Lab	Fran Beier	Kingman Community Hospital
Associates in Internal Medicine & Pediatrics	Children's Mercy West	Fruitful Vine Midwives	KU Wichita Pediatrics - PKU Clinic
Atchison Hospital	Clay County Medical Center	Gardner Family Care	Life Center Clinic
Bazzaro Clinic	Coffey County Hospital	Goodland Regional Medical Center	Lilly Mason - Midwife
Birth & Women's Health Center	College Point Primary Care	Gove County Medical Center	McPherson Hospital
Birth Unlimited	Community Health Center of SE KS - Ft. Scott Main Clinic	Greeley County Hospital	Meade Hospital
Bloom Midwifery and Women's Health Services	Community Healthcare System Onaga	Heidi Nisly - Midwife	Mercy Hospital - Moundridge

# Appendix: Facility Size Lists

## Very Small Size Facilities

Miami County Medical Center, Inc	No Greater Love Midwifery	Sabetha Community Hospital	Turner House Clinic
Michelle Ruebke - Midwife	Norton County Hospital	Sacred Song Homebirth	Washington County Hospital
Mid-KS Pediatric Assoc P.A.	Olathe Health Family Medicine Blackfoot	Saint John Hospital	Wesley Care Pediatrics Clinic
Midwife KC	Olathe Health Pediatrics, Olathe Medical Park	Scott County Hospital	West Wichita Family Physicians
Midwife Partners in Women's Wellness	Osborne County Memorial Hospital	Sienna Medical Clinic	Wichita Birth Assistance
Minneola District Hospital	Pawnee Valley Community Hospital	Simply Midwifery	Wichita Family Medicine Specialists
Mitchell County Hospital	Pediatric Care Specialists, PA	Smith County Memorial Hospital	Young Beginnings
Morris County Hospital	Phillips County Hospital	South Central KS Regional Medical Center	Zao Midwifery
Mulvane Family Medical Center	Preferred Pediatrics	St. Mary's Medical Center	
Munson Army Health Center	Primary Care Associates	Stanton County Hospital	
Natural Birth KC	Rachel Andresen - Midwife	Sumner Regional Medical Center	
Nemaha Valley Community Hospital	Republic County Hospital	Truly You Midwifery	
New Birth Company - Kansas City	Rice County District Hospital	TUKHS Ambulatory Pediatrics- MOB	
Nicole Greene - Midwife	Rooks County Health Center	TUKHS Ambulatory Pediatrics- PV	



# Appendix: Facility Size Lists

## Small Size Facilities

Citizens Medical Center	Labette Health	Newton Medical Center	University of KS Health System - Great Bend
Coffeyville Regional Medical Center	Menorah Medical Park	Pratt Regional Medical Center	William Newton Hospital
Gearly Community Hospital	Neosho Memorial Hospital	Providence Medical Center	
Hutchinson Regional Medical Center	New Birth Company - Overland Park	St. Luke's South Hospital	
Kearny County Hospital	Newman Regional Health	Susan B. Allen Memorial Hospital	

## Medium Size Facilities

Ascension Via Christi Hospital - Manhattan	Irwin Army Community Hospital	Southwest Medical Center	Western Plains Regional Medical Complex
Ascension Via Christi Hospital - Pittsburg	Lawrence Memorial Hospital	St. Catherine Hospital	
Hays Medical Center	Salina Regional Health Center	University of KS Health System - St. Francis	

## Large Size Facilities

AdventHealth Shawnee Mission	Olathe Medical Center	Stormont Vail Health	Wesley Medical Center
Ascension Via Christi - St. Joseph	Overland Park Regional Medical Center	University of Kansas Medical Center	