

About Kansas Newborn Screening Annual Recognition Program

The Kansas Newborn Screening team is grateful for the commitment and tireless efforts of our healthcare partners across the state during 2024. Healthcare professionals demonstrated exceptional resilience and dedication throughout the year. These devoted individuals remained steadfast in their mission to improve the health and well-being of Kansas newborns and their families. The continued success and impact of our program rely on the seamless collaboration between our follow-up team, the health chemistry laboratory team, Kansas families, and you—our valued healthcare partners. Together we are making a meaningful difference in the lives of the youngest members of our community. In partnership with the Kansas Hospital Association (KHA) and the Kansas Midwives Alliance (KMA), we are proud to recognize the facilities and midwives who demonstrated excellence in newborn screening throughout the year 2024.

Drew Duncan Section Chief, Screening and Surveillance

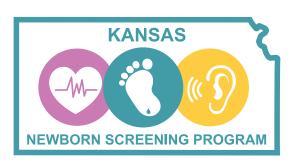


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What Recognition Means

To earn recognition means that your facility clearly demonstrated a consistent effort to meet or exceed state screening goals in 2024. 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 one month of age
- Diagnostic evaluation complete within three months of age
- Infants with hearing loss receive early intervention services within six months of age
- Facility referral rates remain within 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 continuous 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 higher quality newborn screening through meeting screening goals, showing improvement over time, or exceeding state average performance rates.

Recognition Categories and Awards

There are six award categories. Each category is described based on what would qualify a facility.

Category 1: Complete Demographics Recognition

Complete demographics information is necessary to accurately interpret screening results and report them to health care providers in a timely manner.

Category 2: Hearing Screening

Early hearing loss detection provides babies the best possible chance at healthy development.

To make this category as equitable as possible, we evaluated health care professionals, birthing hospitals and midwives 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 to the number of infants who were screened within one month. Neonatal intensive care unit and transfer status were also accounted for and did not negatively impact the resulting screening rates. Health care professionals meeting the criteria were further evaluated for their referral rates with Otoacoustic Emission (OAE) and Auditory Brainstem Response (ABR) screening equipment. Those meeting both criteria received recognition.

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 could be indicative of screening errors.

To receive recognition in this category, all babies screened have been screened within one-month of age and referral rates remain within the expected range for the type of equipment used.

Category 3: Critical Congenital Heart Disease (CCHD)

About one in every four babies born with a heart defect has a critical congenital heart defect (critical CHD, also known as critical congenital heart disease). Babies with a critical CHD need surgery or other procedures in the first year of life.

Awards in this category were given to facilities with 100% screening rate or the top performing facility in their respective size category.

Recognition Categories and Awards



Category 4: Collection Age

Collection age is critical to achieving timely and accurate results. When a specimen is collected before the baby is 24 hours of age, the specimen can be affected by the mother's analytes. These additional analytes can cause a false positive or false negative when the laboratory completes the test, which may result in the baby needing a repeat screen.

To achieve in this category, the average age at time of collection for initial screens should be between 24 and 30 hours of age. NICU babies collected before 24 hours of age were excluded from this analysis. For the categories that do not have any locations meeting this criterion, the top performer was determined the winner.

Category 5: Transit Time

Transit time is an important factor in ensuring the specimen is optimal for testing. The goal is for the specimen to arrive at the state lab within 24-hours from the time of collection. Overnight mail services or couriers are recommended to meet this standard.

To be recognized in this category, facilities must have an average transit time of less than 36 hours or the top performer of their respective size category.

Category 6: Unsatisfactory Rate

The unsatisfactory rate is the percentage of specimens submitted that meet testing requirements. An unsatisfactory determination can result from a number of factors, some of which include: quantity not sufficient, blood spots per calibrated circle, blood on the coverlet, wrinkled or abraded spots, or uneven saturation of the filter paper.

Low unsatisfactory rates yield better testing results and places less burden on baby and family when having to repeat the screen.

To be recognized in this category, facilities must have an unsatisfactory rate of 1.3% or less or be the top performer of their respective size category.

Recognition Categories and Awards

Gold Recognition

Qualification Criteria:

Providers must earn recognition in three or more categories to earn this designation.

Awardees will receive:

- A recognitions plaque.
- Enhanced media kit including a press release template, an email or article template, sample social media content and an exclusive digital award badge that can be used on their website or other digital sites.



Silver Recognition

Qualification Criteria:

Providers must earn recognition in two categories to earn this designation.

Awardees will receive:

- Custom printed certificate.
- Enhanced media kit including a press release template, an email or article template, sample social media content.



Midwife Winners

Complete Demographics

Criteria

Demographic information was 100% complete for every month.

- Arise Birth/Rachel Schwepler
- Barefoot Midwifery
- · Bethany Page Midwife
- Blessed Event Birth Services Inc.
- Bloom Midwifery and Lactation
- Blossom Midwifery and Wellness
- Choice Midwifery
- Created for Praise Midwifery
- Fruitful Vine/Brandi Brace

- Glory Birth
- Life Center Clinic
- Lily Mason Midwifery
- Morning Star Midwives
- No Greater Love Midwifery
- · Rachel Andresen Midwife
- Truly You Midwifery/Rebecca Whistler
- Woven Leaf Holistics
- Young Beginnings



Midwife Winners



Hearing Screening

Criteria

100% of babies screened, were screened within the first month of life **and** referral rates remained at or below the recommended rate for the equipment used in all four quarters of 2024.

- Birth & Women's Health Center
- Bloom Midwifery and Lactation
- Blossom Midwifery and Wellness
- Born Midwifery
- Cheryl Gates CPM
- Created for Praise Midwifery
- Dreaming Tree Women's Care/Darci Mendenhall
- Fruitful Vine/Brandi Brace
- · Glory Birth

- Life Center Clinic
- Midwife KC
- Midwife Partners in Women's Wellness LLC
- Miracle Moments Midwifery
- Morning Star Midwives
- Rachel Andresen Midwife
- Sacred Song Homebirth
- Truly You Midwifery/Rebecca Whistler
- Wichita Birth Assistance
- Young Beginnings

Critical Congenital Heart Disease (CCHD)

Criteria

Screening status reported for 100% of infants born.

- Arise Birth/Rachel Schwepler
- Bethany Page Midwife
- Blossom Midwifery and Wellness
- Choice Midwifery
- Companion Midwifery and Fertility Services
- Created for Praise Midwifery
- Life Center Clinic
- Lily Mason Midwifery
- Midwife KC

- Midwife Partners in Women's Wellness LLC
- Morning Star Midwives
- Natural Birth KC
- North Rock Maternity/Anna Yoder
- Simply Midwifery/Jennifer Wood
- Truly You Midwifery/Rebecca Whistler
- Woven Leaf Holistics
- Young Beginnings

Midwife Winners



Collection Age

Criteria

Year to date average is less than 30 hours.

- Companion Midwifery and Fertility Services
- · Rachel Andresen Midwife

Transit Time

Criteria

Year to date average is less than 36 hours.

Bethany Page Midwife

Morning Star Midwives

Unsatisfactory Rate

Criteria

Year to date average is equal to or less than 1.3%.

- Arise Birth/Rachel Schwepler
- Bethany Page Midwife
- Blessed Event Birth Services Inc.
- Bloom Midwifery and Lactation
- Cheryl Gates CPM
- Companion Midwifery and Fertility Services
- Created for Praise Midwifery
- Crowned With Good Midwifery
- Glory Birth

- Immanuel Birth Co.
- Lily Mason Midwifery
- Midwife KC
- Morning Star Midwives
- No Greater Love Midwifery
- Rachel Andresen Midwife
- Simply Midwifery/Jennifer Wood
- Wichita Birth Assistance

Unsatisfactory rate was based on the count of unsatisfactory specimens divided by the total number of specimens received in 2024. Specimens that had multiple rejection codes were only counted once. Rejection code 981 (specimen was wet when received) was excluded, as this is caused by shipping issues, not collector error. Average collection age and transit times were calculated using **initial** specimens only.



Very Small = 5 - 100 Small = 101 - 500 Medium = 501 - 1,000 Large = more than 1,001

Complete Demographics

Full and complete demographic information on the blood spot collection form is critical to ensuring timely reporting and interpretation of results when complete.

Criteria

Demographic information was 100% complete for every month or is the top performing facility in their respective size category.

Large Facilities

The University of Kansas Health System

Medium Facilities

Menorah Medical Center

Small Facilities

Coffeyville Regional Medical Center

- Amberwell Hiawatha
- Community HealthCare System, Inc.
- Sabetha Community Hospital

- Stanton County Hospital
- Washington County Hospital

Hearing Screening

Criteria

100% of babies screened, were screened within the first month of life **and** referral rates remained at or below the recommended rate for the equipment used in all four quarters of 2024.

Large Facilities

- AdventHealth Shawnee Mission
- The University of Kansas Health System Olathe Campus
- Overland Park Regional Medical Center
- Stormont Vail Health
- Wesley Healthcare

Medium Facilities

- AdventHealth South Overland Park
- HaysMed
- Mercy Hospital Pittsburg, Inc.
- NMC Health
- The University of Kansas Health System St. Francis Campus

Small Facilities

- Coffeyville Regional Medical Center
- Hutchinson Regional Medical Center
- Labette Health

- Pratt Regional Medical Center
- St. Catherine Hospital Dodge City
- The University of Kansas Health System Great Bend Campus

- Clay County Medical Center
- Community HealthCare System, Inc.
- Mitchell County Hospital Health Systems
- Morris County Hospital
- Nemaha Valley Community Hospital
- Providence Medical Center

- Republic County Hospital
- Rice Community Health
- Sabetha Community Hospital
- Scott County Hospital
- Smith County Memorial Hospital
- Stanton County Hospital

Critical Congenital Heart Disease (CCHD)

Criteria

Screening status reported for 100% of infants born or is the top performing facility in their respective size category.

Large Facilities

The University of Kansas Health System Olathe Campus

Medium Facilities

LMH Health

Small Facilities

- Amberwell Health Atchison
- Newman Regional Health
- Pratt Regional Medical Center

- · Stormont Vail Health Flint Hills Campus
- Susan B. Allen Memorial Hospital
- William Newton Hospital

- Amberwell Hiawatha
- Cheyenne County Hospital
- Clay County Medical Center
- Coffey County Hospital
- Community HealthCare System, Inc.
- Community Memorial Healthcare, Inc.
- Mitchell County Hospital Health Systems
- Nemaha Valley Community Hospital

- Providence Medical Center
- Republic County Hospital
- Rice Community Health
- Sabetha Community Hospital
- Scott County Hospital
- Smith County Memorial Hospital
- Stanton County Hospital
- Washington County Hospital

Collection Age

Criteria

Year to date average is under 30 hours.

Large Facilities

- AdventHealth Shawnee Mission
- Ascension Via Christi Hospital Manhattan, Inc. Stormont Vail Health
- Ascension Via Christi Hospitals Wichita, Inc.
- Salina Regional Health Center

Medium Facilities

- AdventHealth South Overland Park
- Irwin Army Community Hospital
- LMH Health
- Mercy Hospital Pittsburg, Inc.

- **NMC** Health
- Southwest Medical Center
- St. Catherine Hospital Garden City
- The University of Kansas Health System St. Francis Campus



Collection Age

Small Facilities

- Amberwell Health Atchison
- Citizens Health
- Coffeyville Regional Medical Center
- · Kearny County Hospital
- McPherson Center for Health
- Neosho Memorial Regional Medical Center

- Newman Regional Health
- Pratt Regional Medical Center
- St. Catherine Hospital Dodge City
- Stormont Vail Health Flint Hills Campus
- Susan B. Allen Memorial Hospital
- William Newton Hospital

- Amberwell Hiawatha
- Clay County Medical Center
- Coffey County Hospital
- Gove County Medical Center

- Nemaha Valley Community Hospital
- Scott County Hospital
- Smith County Memorial Hospital



Transit Time

Criteria

Year to date average is equal to or less than 36 hours.

Large Facilities

· Ascension Via Christi Hospitals Wichita, Inc.

Medium Facilities

• Mercy Hospital Pittsburg, Inc.

Small Facilities

· Neosho Memorial Regional Medical Center

Very Small Facilities

Nemaha Valley Community Hospital



Unsatisfactory Rate

Criteria

Year to date average is equal to or less than 1.3% or is the top performing facility in their respective size category.

Large Facilities

The University of Kansas Health System

Medium Facilities

NMC Health

Small Facilities

• Susan B. Allen Memorial Hospital

Very Small Facilities

· Community HealthCare System, Inc.



Screening Facility Winners

Complete Demographics

Full and complete demographic information on the blood spot collection form is critical to ensuring timely reporting and interpretation of results when complete.

Criteria

Demographic information was 100% complete for every month or is the top performing facility in their respective size category.

- · GraceMed Highland Park Family Clinic
- Holton Community Hospital
- Vibrant Health Cordell D. Meeks, Jr. Clinic



Screening Facility Winners

Unsatisfactory Rate

Full and complete demographic information on the blood spot collection form is critical to ensuring timely reporting and interpretation of results when complete.

Criteria

Year to date average is equal to or less than 1.3% or is the top performing facility in their respective size category.

Pediatric Care Specialists

Unsatisfactory rate was based on the count of unsatisfactory specimens divided by the total number of specimens received in 2024. Specimens that had multiple rejection codes were only counted once. Rejection code 981 (specimen was wet when received) was excluded, as this is caused by shipping issues, not collector error. Average collection age and transit times were calculated using initial specimens only.



Combined List of Winners

Gold Winners

- Amberwell Hiawatha
- Arise Birth/Rachel Schwepler
- Bethany Page Midwife
- Bloom Midwifery and Lactation
- Blossom Midwifery and Wellness
- Clay County Medical Center
- Coffeyville Regional Medical Center
- · Community HealthCare System, Inc.
- Companion Midwifery and Fertility Services
- Created for Praise Midwifery
- Glory Birth
- · Life Center Clinic
- Lily Mason Midwifery

- Midwife KC
- Morning Star Midwives
- Nemaha Valley Community Hospital
- NMC Health
- Pratt Regional Medical Center
- Rachel Andresen Midwife
- Sabetha Community Hospital
- Scott County Hospital
- Smith County Memorial Hospital
- Stanton County Hospital
- Susan B. Allen Memorial Hospital
- Truly You Midwifery/Rebecca Whistler
- Young Beginnings



Combined List of Winners

Silver Winners

- AdventHealth Shawnee Mission
- AdventHealth South Overland Park
- Amberwell Health Atchison
- Ascension Via Christi Hospitals Wichita, Inc.
- · Blessed Event Birth Services Inc.
- Cheryl Gates CPM
- Choice Midwifery
- Coffey County Hospital
- Fruitful Vine/Brandi Brace
- LMH Health
- Mercy Hospital Pittsburg, Inc.
- Midwife Partners in Women's Wellness LLC
- Mitchell County Hospital Health Systems
- Neosho Memorial Regional Medical Center
- Newman Regional Health
- No Greater Love Midwifery

- The University of Kansas Health System Olathe Campus
- Providence Medical Center
- Republic County Hospital
- Rice Community Health
- Simply Midwifery/Jennifer Wood
- St. Catherine Hospital Dodge City
- Stormont Vail Health
- Stormont Vail Health Flint Hills Campus
- The University of Kansas Health System
- The University of Kansas Health System St. Francis Campus
- Washington County Hospital
- Wichita Birth Assistance
- William Newton Hospital
- Woven Leaf Holistics

Partnerships



Kansas Midwives Alliance



kansasmidwives.com kansasmidwivesalliance@gmail.com 785-979-2477

Kansas Hospital Association



kha-net.org 785-233-7436

Kansas Newborn Screening Program



kdhe.ks.gov/NewbornScreening nbss.ks.gov kdhe.newbornscreening@ks.gov 785-291-3363

KDHE Health Chemistry Laboratory



kdhe.ks.gov/labs kdhe.healthchemlab@ks.gov 785-296-1620



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