



# Statewide Blood Lead Surveillance Report

Kansas Environmental Public Health Tracking  
January 2022

## Contents

|  |    |
|--|----|
| Foreword . . . . .   | 4  |
| Acronyms . . . . .   | 5  |
| Summary . . . . .  | 6  |
| Lead Poisoning . . . . .   | 7  |
| Defining Elevated Blood Lead Levels . . . . .  | 8  |
| Economic Burden of Lead . . . . .  | 9  |
| Blood Lead Screening and Testing Guidelines . . . . .  | 11 |
| Elevated Blood Lead Case Investigation and Management . . . . .  | 12 |
| Data Notes . . . . .   | 13 |
| Blood Lead Levels in Kansas Children . . . . .   | 14 |
| Blood Lead Testing Among Medicaid Recipients . . . . .   | 16 |
| References . . . . .   | 18 |
| Appendix A: Blood Lead Levels in Kansas Children by County . . . . .                                       | 19 |
| Appendix B: Blood Lead Testing for Medicaid Recipients 12 to < 24 months of Age . . . . .                  | 39 |
| Appendix C: Blood Lead Testing for Medicaid Recipients 24 to < 36 months of Age . . . . .                  | 54 |
| Appendix D: Blood Lead Testing for Medicaid Recipients less than or equal to 72 months<br>of Age . . . . . | 69 |

## List of Figures

|   |   |    |
|---|---|----|
| 1 | Children* Tested for Blood Lead, Kansas 2015-2019. . . . .  | 14 |
| 2 | Children* Tested for Blood Lead with EBLL, Kansas 2015-2019. . . . .  | 15 |
| 3 | Children Enrolled in Medicaid, Kansas 2000-2020. . . . .  | 16 |
| 4 | Children Enrolled in Medicaid and Tested for Blood Lead, Kansas 2000-2020. . . . .                                    | 17 |
| 5 | Percent of Medicaid Recipients Aged 12 to less than 24 Months Tested for Blood<br>Lead by County, 2010-2020 . . . . . | 52 |
| 6 | Percent of Medicaid Recipients Aged 24 to less than 36 Months Tested for Blood<br>Lead by County, 2010-2020 . . . . . | 67 |

## List of Tables

|    |   |    |
|----|---|----|
| 1  | List of Acronymns and their Definitions . . . . .   | 5  |
| 2  | Estimated annual reduction in lead linked crime from 1 µg/dL reduction in average pre-school blood lead level . . . . . | 9  |
| 3  | Costs* and benefits of lead control . . . . .   | 10 |
| 4  | Blood Lead Levels in Kansas Children† by County, 2019 . . . . .   | 19 |
| 5  | Blood Lead Levels in Kansas Children† by County, 2018 . . . . .   | 23 |
| 6  | Blood Lead Levels in Kansas Children† by County, 2017 . . . . .   | 27 |
| 7  | Blood Lead Levels in Kansas Children† by County, 2016 . . . . .   | 31 |
| 8  | Blood Lead Levels in Kansas Children† by County, 2015 . . . . .   | 35 |
| 9  | Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2018-2020 . . . . .                | 39 |
| 10 | Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2015-2017 . . . . .                | 43 |
| 11 | Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2012-2014 . . . . .                | 46 |
| 12 | Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2010-2011 . . . . .                | 49 |
| 13 | Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2018-2020 . . . . .                | 54 |
| 14 | Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2015-2017 . . . . .                | 58 |
| 15 | Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2012-2014 . . . . .                | 61 |
| 16 | Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2010-2011 . . . . .                | 64 |
| 17 | Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2018-2020 . . . . .          | 69 |
| 18 | Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2015-2017 . . . . .          | 73 |
| 19 | Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2012-2014 . . . . .          | 76 |
| 20 | Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2010-2011 . . . . .          | 79 |



## Foreword

Between 2011 and 2016 approximately 385,775 children in the United States between the ages of 1 and 11 years old had a blood lead level of 5 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ) or greater, which is considered an elevated level of blood lead (Egan et al. 2021). The effects of lead exposure, particularly in children, result in costs to individuals and society. Blood lead poisoning can be prevented by removing the source of lead exposure in a child's environment. Making a child's environment safer and healthier begins with having the data necessary to understand the problem. Adults may also have elevated blood lead levels which can impact health, particularly if they have an occupation or hobby that may expose them to lead.

Testing for blood lead helps to detect lead exposure to a child earlier and find and remove the source of lead exposure sooner. Although children and adults are not universally screened for lead, data from those that are screened helps to create baseline measurements for those with elevated blood lead nationally and in Kansas. This document presents data that describe the status of lead screening and elevated blood lead levels throughout Kansas for children and adults. The data are from 2015-2019, the most recent data available for Kansas for blood lead surveillance.





## Acronyms

Table 1: List of Acronyms and their Definitions

| Acronyms | Definition  |
|----------|---|
| ABLES    | Adult Blood Lead Epidemiology and Surveillance                                  |
| ACCLPP   | CDC Advisory Committee on Childhood Lead Poisoning Prevention                   |
| ATSDR    | Agency for Toxic Substances and Disease Registry                                |
| BLL      | Blood Lead Level  |
| CDC      | Centers for Disease Control and Prevention                                      |
| EBLL     | Elevated Blood Lead Level (5 µg/dL and greater)                                 |
| KDHE     | Kansas Department of Health and Environment                                     |
| NHANES   | National Health and Nutrition Examination Survey                                |
| NIOSH    | National Institute for Occupational Safety and Health                           |
| PEHSU    | Pediatric Environmental Health Specialty Unit                                   |
| µg/dL    | Micrograms per deciliter (unit used to measure the amount of lead in the blood) |

## Summary

This Statewide Blood Lead Surveillance Report describes trends in blood lead testing and rates of elevated blood lead levels among children in Kansas between 2015 and 2019.

The number of children being tested for blood lead since 2015 has increased. The number of children under 6 years of age with EBLs of 5 micrograms per deciliter ( $\mu\text{g}/\text{dL}$ ) or greater was highest in 2016 and 2017 although the percent of children tested with EBLs has decreased overall since 2015. Over the past 20 years, less than 15 percent of children are tested for blood lead each year leaving much unknown about the true burden of blood lead poisoning in the state. The most common source for lead exposure in children in Kansas is lead-based paint in older housing.

In May 2019, the Kansas Department of Health and Environment (KDHE), in partnership with stakeholders and local health departments, updated the Disease Investigation Guidelines for elevated blood lead in children and adults in Kansas. A brief description of some of the updated guidelines for case investigation and management are presented in this report.



## Lead Poisoning

Lead is a naturally occurring metal found in the Earth's crust. Lead in our environment often comes from human activities such as burning fossil fuels, mining, and manufacturing. Lead is also found in paint in homes that were built before 1979. Lead-based paint was banned for residential use in the United States in 1978, but homes built before this ban commonly have lead-based paint which deteriorates into lead contaminated dust. In the United States, lead-based paint is the most common source of exposure for lead poisoning in children. Workplace-related lead exposure is the most common source for adult lead poisoning in the United States.

Lead primarily enters the body through ingestion. This can occur through contaminated food or water, eating paint chips, or a child putting contaminated toys and other objects into their mouths. Lead can also be inhaled and in rare cases can enter the body through the skin. Lead is toxic and elevated levels of blood lead in early childhood may cause lowered IQ, learning disabilities, behavioral problems, or developmental delay (ATSDR 2020; Environmental Health 2016; Schwartz 1994). These symptoms may not be noticed until a child has entered school and may be present for the entire life of the child (Reuben et al. 2017).

Certain populations are more vulnerable to lead poisoning than others. Children are at particularly high risk because their brains are still developing and they absorb more lead into their blood than adults (ATSDR 2020). Children also tend to have high risk behaviors such as putting potentially contaminated objects in their mouths. Pregnant women are also a vulnerable group because lead can travel to the developing fetus (ATSDR 2020). Children enrolled in an assistance program, such as Medicaid, may be at a higher risk because they are more likely to live in older housing that may contain lead-based paint. Refugees and immigrants are also at high risk for lead poisoning; many have had lead exposure in their home countries and continue to be exposed by living in older housing when they move to the United States.



## Defining Elevated Blood Lead Levels

The Centers of Disease Control and Prevention (CDC) previously used the reference value of 10 micrograms of lead per deciliter of whole blood ( $\mu\text{g}/\text{dL}$ ) as their “level of concern” to identify children with high levels of blood lead. Between 2012 and 2021, CDC used the reference value of 5  $\mu\text{g}/\text{dL}$  to identify children who have had lead exposure and require monitoring (ACCLPP 2012; ATSDR 2020). In October of 2021, the CDC further reduced the reference value to 3.5  $\mu\text{g}/\text{dL}$  based on recommendations from the Lead Exposure and Prevention Advisory Committee meeting that occurred on May 14, 2021. Each decrease of the reference value supports parents, doctors, communities, and public health to work together to reduce children’s lead exposure earlier. Reference values are based on data from the National Health and Nutrition Examination Survey (NHANES) and are updated as necessary. Treatment for blood lead poisoning consists of chelation therapy and is only recommended if a child has a test result of 45  $\mu\text{g}/\text{dL}$  or higher (ATSDR 2020). The primary focus is on preventing lead exposure, and in the case where lead exposure has occurred, to identify the source and stop lead from entering the body. For children, no safe level of lead has been identified (Environmental Health 2016; Schwartz 1994).



## Economic Burden of Lead

Elevated levels of blood lead in early childhood may cause lowered IQ, learning disabilities, behavior problems, slowed growth, and developmental delay (ATSDR 2020; Environmental Health 2016; Schwartz 1994). It is possible for lead to affect nearly every organ system. No amount of lead exposure is considered safe, particularly in children because their brains are still developing and they absorb more lead into their blood than adults (Environmental Health 2016; Schwartz 1994). When a child has lead exposure, the aforementioned effects can lead to additional future costs to individuals and society associated with special education, decreased earning potential, and criminal behavior as well as immediate costs associated with health care for treatment for lead poisoning and remediation of the child's environment for lead.

Approximately 10 percent of children with a BLL above 10 µg/dL and 20 percent of children with a BLL above 25 µg/dL need special education (Schwartz 1994; Pichery et al. 2011). The average annual cost of special education is estimated at \$14,317 per child (Korfmacher 2003). It is estimated that for each 1 µg/dL increase in BLL, a child's IQ decreases by 0.23-0.46 points (Canfield et al. 2003). With each one IQ point lost, it is approximated that the reduction in lifetime earnings is \$17,815 (Gould 2009). There are also certain violent crimes that are linked to excessive lead exposure (Pichery et al. 2011). It is estimated that nationally, a decrease of 1 µg/dL in the overall average pre-school BLL would lead to a decrease in crimes associated with lead exposure decreasing costs associated with these crimes (Table 2) (Gould 2009). These costs include costs of legal proceedings, incarceration, and lost earnings.

Table 2: Estimated annual reduction in lead linked crime from 1 µg/dL reduction in average pre-school blood lead level

| Crime               | Number of Lead Linked Crimes, Nationally | Direct Costs Per Crime | Total Direct Costs |
|---------------------|--|------------------------|--------------------|
| Burglaries          | 116,541                                  | \$4,010                | \$467,329,410      |
| Robberies           | 2,499                                    | \$22,871               | \$57,154,379       |
| Aggravated Assaults | 53,904                                   | \$20,363               | \$1,097,628,286    |
| Rape                | 4,186                                    | \$28,415               | \$118,945,567      |
| Murder              | 717                                      | \$31,110               | \$22,305,512       |
| Total               | 177,847                                  |                        | \$1,763,363,153    |

*Notes:* Table derived from Gould, 2009 and Nevin R. Understanding international crime trends: the legacy of preschool lead exposure. Environmental Research. 2006;104:315-336. Statistics calculated using Bureau of Justice Statistics (2004), inflated to 2006 USD

Health care for a child with elevated lead levels can include lab testing, monitoring of lead levels, follow-up appointments, home inspections, and chelation therapy. In these health care related costs, a BLL of 10-20 µg/dL costs approximately \$74 per child, a BLL of 20-45 µg/dL costs approximately \$1,027 per child, a BLL of 45-70 µg/dL costs approximately \$1,335 per child, and a BLL of over 70 µg/dL costs approximately \$3,444 per child (Gould 2009). Decreasing lead in a child's environment can cost up to an estimated \$10,800 per house to complete assessments and full abatement of lead-based paint hazards, as well as up to an estimated \$16,660 per house for lead-safe window

replacement (Gould 2009; Nevin et al. 2008). Cost-effectiveness of lead hazard control has been estimated and supports that there is greater benefit in lead hazard control (Table 3) (Gould 2009). The benefits of lead hazard control include the sum of costs of medical treatment, lost earnings, tax revenue, special education, lead-linked ADHD cases, and lead-linked crime (Gould 2009).

Table 3: Costs\* and benefits of lead control

| Category                          | Conservative Estimate |
|-----------------------------------|-----------------------|
| Total Benefit From Lead Reduction | \$192.38              |
| Total Cost of Lead Control        | \$11.02               |
| Total Net Benefit                 | \$181.37              |

*Notes:* Table derived from Gould, 2009. \*Costs and benefits are in billions of 1996 dollars.



## Blood Lead Screening and Testing Guidelines

The American Academy of Pediatrics recommends testing children at risk for lead exposure at 12 and 24 months of age (Environmental Health 2016). Factors that increase the risk of lead exposure in children include living in or frequently visiting a home, daycare or other building built before 1978, living in or frequently visiting a home, daycare or other building with ongoing repairs or remodeling, eating or chewing on non-food items like paint chips or dirt, having a family member or friend with an elevated blood lead level, being a newly arrived refugee or foreign adoptee, coming into contact with an adult whose job or hobby involves lead exposure, and the use of products such as pottery, health remedies, spices or food from other countries that may contain lead.

Blood lead testing is required at 12 and 24 months for all Medicaid-enrolled children, regardless of known lead exposure risk (Environmental Health 2016). The Advisory Committee on Childhood Lead Poisoning Prevention, a CDC advisory committee, additionally recommends at least one blood lead test between the ages of 12 and 24 months, regardless of insurance status, and that all children  $\leq 72$  months (less than 6 years) should be tested if they had not been tested at a younger age (ACCLPP 2012). The KDHE recommends following the Early and Periodic Screening, Diagnostic, and Treatment (EPSDT) guidelines set out by Medicaid. If a child's blood lead test result is elevated ( $5 \mu\text{g}/\text{dL}$  or greater), a confirmation test via venous draw will be requested if the initial test was from a capillary sample. The confirmation test must be completed within 12 weeks of the first test.



## Elevated Blood Lead Case Investigation and Management

If a child under the age of 16 years has a confirmed blood lead level of 5 µg/dL or greater, public health case investigation and management begins. Case investigation and management responsibilities primarily lie with the local health department in the county where the child resides, in partnership with the provider and family.

The algorithm for elevated blood lead case investigation and management was developed by a workgroup of KDHE and local health department partners. Case investigation includes conducting a short interview, or in some cases an in-home investigation, to determine the source or sources of lead exposure. The results of the investigation, as well as education, are offered to providers and parents to help stop the source(s) of exposure from continuing to enter the child's body. Case management includes recommended retesting to ensure that blood lead levels are decreasing over time. A case of EBL in a child is closed once the child has two non-elevated blood lead levels within a 12 week time period.



## Data Notes

Kansas Statutes Annotated (KSA) 65-1,200 through 65-1,214 authorize the Secretary of the Kansas Department of Health and Environment (KDHE) to investigate the extent of childhood lead poisoning in Kansas and to develop a data management system designed to collect and analyze information on childhood blood lead poisoning. The Bureau of Epidemiology and Public Health Informatics, housed within KDHE, maintains a database of blood lead test results for tests administered on children and adults living in Kansas. Kansas Administrative Regulation (KAR) 28-1-18 specifies that laboratories must report the results of all blood lead test results to KDHE. Statistical analysis of the blood lead test results within the database helps to improve knowledge about the environmental factors contributing to lead exposure among Kansans.

Universal blood lead testing is not mandated in Kansas; therefore, the data in this report represent varying lead testing practices by providers and local health departments throughout the state and cannot be used to interpret incidence or prevalence of blood lead poisoning for the overall population of children or adults living in Kansas or to interpret incidence or prevalence of the condition at the county level. Additionally, elevated counts and percentages greater than 0 are suppressed for counties with 6 or fewer children tested.

The quality of blood lead testing information reported from labs can vary. Addresses of children tested are not always included in the information reported, which does not allow the determination of the county of residence of children. In some years, addresses are missing as much as 25% of the time. Because of this, county-level counts of children tested are often underestimated. There also may be an overall underreporting of children tested for blood lead, both at the state and county-level.

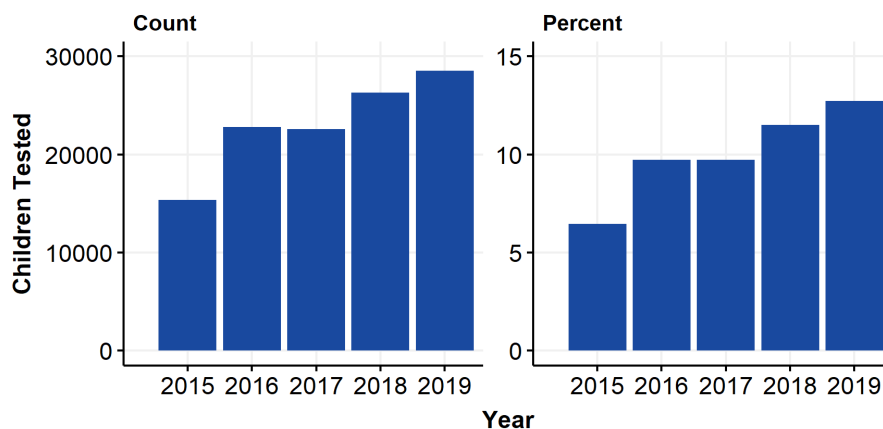
While writing this report, KDHE became aware of inaccurate Medicaid enrollment and testing data in the previous reports released in July 2017 and March 2018 due to the presence of children being counted more than once. This report contains updated Medicaid enrollment and testing data with the duplicates removed.



## Blood Lead Levels in Kansas Children

Between 2015 and 2019, the number of children under age 6 years that have been tested for blood lead has increased in Kansas. Testing peaked in 2019 with 28,540 individual children tested (Figure 1). Similarly, the overall proportion of children under age 6 that are tested for blood lead has increased since 2015 with a maximum of 12.7% of children under 6 years tested for blood lead in 2019 (Figure 1).

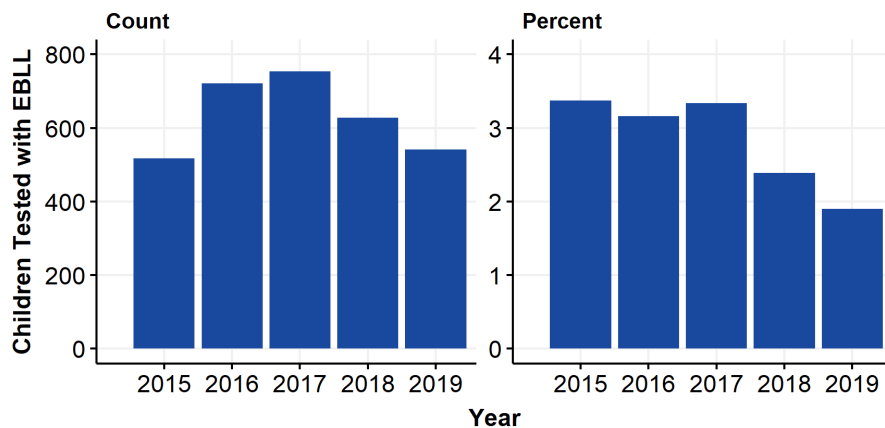
Figure 1: Children\* Tested for Blood Lead, Kansas 2015-2019.



Source: Kansas Environmental Public Health Tracking Program. (\*Children under age 6)

In Kansas, the number of children less than 6 years old with confirmed elevated blood lead level (5 µg/dL or greater) increased from 2015 to 2017 and decreased in 2018 and 2019 (Figure 2). The percent of children tested for blood lead with confirmed EBLL has generally decreased over the years (Figure 2). Since 2015, the greatest number of children recorded with a confirmed EBLL in a single year was 754 in 2017. Overall, the number of children with confirmed EBLL was similar in 2015 (518 children) and 2019 (542 children) while the percent of children tested with a confirmed EBLL decreased between 2015 (3.37%) and 2019 (1.9%) due to an increase in the number of tests performed.

Figure 2: Children\* Tested for Blood Lead with EBLL, Kansas 2015-2019.



Source: Kansas Environmental Public Health Tracking Program. (\*Children under age 6)

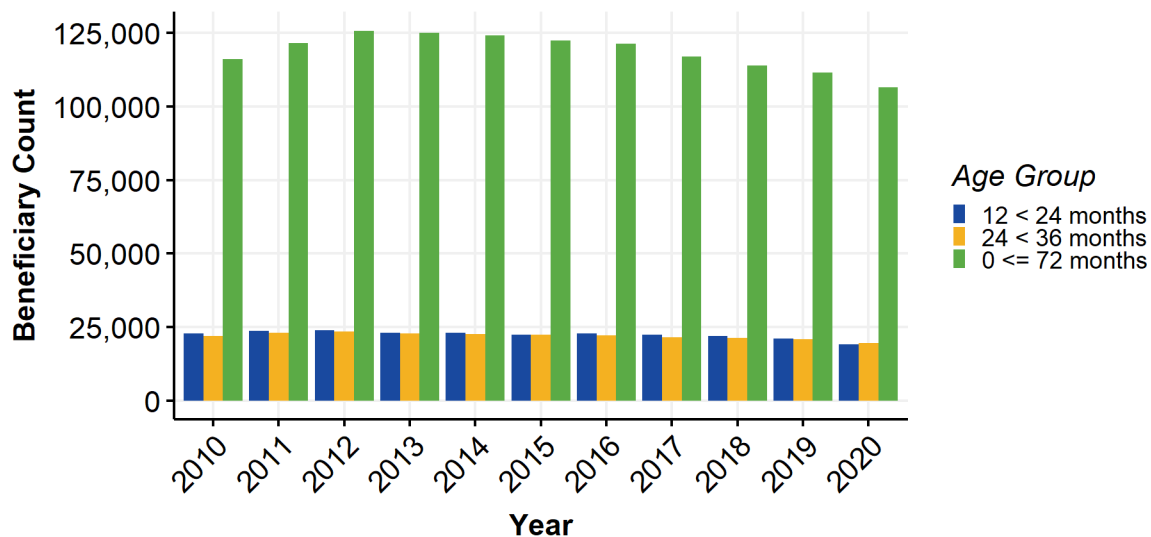
Children in Kansas are not universally screened for lead and thus these statistics do not represent the actual number of children with blood lead poisoning in Kansas. The increase in blood lead testing since 2015 combined with the decrease in the percent of children tested with a confirmed EBLL may reflect improved case management of children with EBLL and a greater awareness among parents and health care practitioners regarding the importance of blood lead poisoning prevention. This information for Kansas at the county and state level for years 2015-2019 can be found in Appendix A.

## Blood Lead Testing Among Medicaid Recipients

Children enrolled in an assistance program, such as Medicaid, may have an increased risk of lead exposure because they are more likely to live in older housing that contains lead-based paint (Wengrovitz and Brown 2009). The number and percent of elevated blood lead levels among Medicaid recipients is not available in Kansas because insurance type is not consistently reported with laboratory test results. However, the number of Medicaid recipients that receive blood lead testing is available.

The number of Medicaid enrolled children under 6 years of age that are tested for blood lead has decreased to 12,766 in 2020 since its peak of 21,729 in 2013 (Figure 4). This decrease in the number of children tested is also represented in the percent of Medicaid enrolled children under 6 years of age that are tested for blood lead with a range between 17.5% in 2010 and 12% in 2020 despite a decrease in the number of children enrolled in Medicaid. The number of children enrolled in Medicaid and under 6 years of age has decreased to 106,486 in 2020 since its peak of 125,607 children in 2012 (Figure 3). The testing and enrollment trends in Medicaid beneficiaries < 6 years old is also seen in beneficiaries aged 12 to <24 months (1 year olds) and 24 to <36 months (2 year olds) of age.

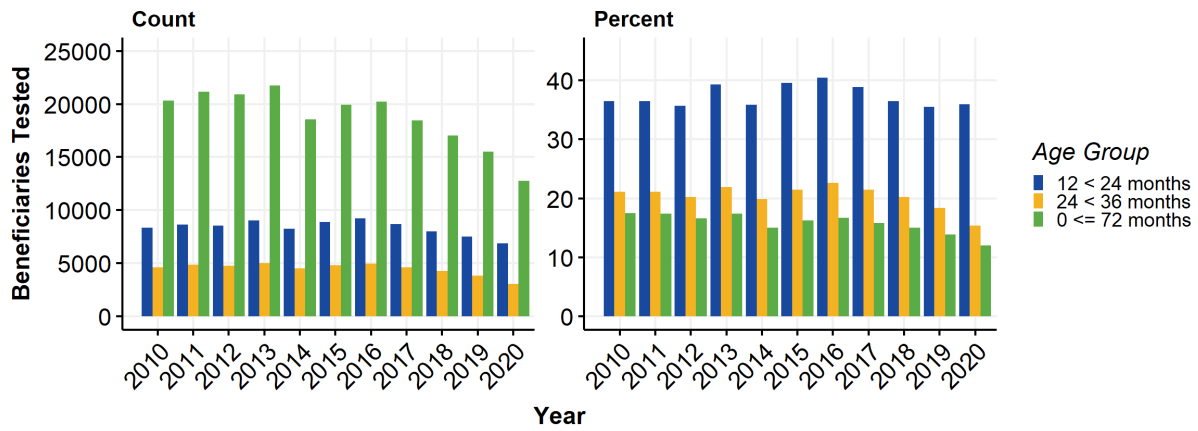
Figure 3: Children Enrolled in Medicaid, Kansas 2000-2020.



Source: Kansas Department of Health and Environment, Division of Health Care Finance.

Children who are Medicaid beneficiaries are required to receive blood lead tests at 12 and 24 months of age. These tests often occur during the child’s 12 and 24 month doctor checkups. In Kansas, the percent of Medicaid enrolled 1 year olds tested for blood lead peaked at 40.5% in 2016 and was lowest in 2019 at 35.5% (Figures 4 & 5). In Medicaid enrolled 2 year olds, a similar trend is seen with a peak of 22.6% in 2016 and the lowest at 15.4% in 2020 (Figures 4 & 6). The percent of 1 and 2 year old Medicaid beneficiaries tested for blood lead falls short of the guidelines to test 100% of children at each age and the compliance in testing children who are 1 year old is much higher than 2 years old. The complex nature of lead poisoning and the guidelines set out by Medicaid

Figure 4: Children Enrolled in Medicaid and Tested for Blood Lead, Kansas 2000-2020.



support the testing of Medicaid beneficiaries at 1 and 2 years of age. The information presented in Figures 3 and 4 can be found at the county and state level in Appendices B, C, and D.



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## Appendix A: Blood Lead Levels in Kansas Children by County

Table 4: Blood Lead Levels in Kansas Children† by County, 2019

| County     | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|------------|---------------------|---------------------|---|---|--|--|
| Allen      | 102                 | 12.30               | 3   | 1   | 4                                      | 3.92                                   |
| Anderson   | 78                  | 12.50               | 1   | 1   | 2                                      | 2.56                                   |
| Atchison   | 83                  | 7.35                | 2   | 0   | 2                                      | 2.41                                   |
| Barber     | 33                  | 10.41               | 1   | 0   | 1                                      | 3.03                                   |
| Barton     | 319                 | 17.16               | 4   | 2   | 6                                      | 1.88                                   |
| Bourbon    | 110                 | 9.29                | 3   | 1   | 4                                      | 3.64                                   |
| Brown      | 97                  | 12.81               | 3   | 1   | 4                                      | 4.12                                   |
| Butler     | 299                 | 6.08                | 1   | 1   | 2                                      | 0.67                                   |
| Chase      | 14                  | 9.79                | 1   | 0   | 1                                      | 7.14                                   |
| Chautauqua | 67                  | 33.84               | 3   | 1   | 4                                      | 5.97                                   |
| Cherokee   | 235                 | 17.04               | 4   | 2   | 6                                      | 2.55                                   |
| Cheyenne   | 27                  | 12.86               | 1   | 0   | 1                                      | 3.7                                    |
| Clark      | 12                  | 8.57                | 1   | 0   | 1                                      | 8.33                                   |
| Clay       | 5                   | 0.85                | *   | *   | *                                      | *                                      |
| Cloud      | 112                 | 17.31               | 1   | 0   | 1                                      | 0.89                                   |
| Coffey     | 61                  | 10.66               | 2   | 0   | 2                                      | 3.28                                   |
| Comanche   | 4                   | 3.51                | 0   | 0   | 0                                      | 0                                      |
| Cowley     | 468                 | 18.10               | 10  | 3   | 13                                     | 2.78                                   |
| Crawford   | 500                 | 17.40               | 2   | 6   | 8                                      | 1.6                                    |
| Decatur    | 35                  | 17.68               | 0   | 0   | 0                                      | 0                                      |
| Dickinson  | 212                 | 17.14               | 4   | 4   | 8                                      | 3.77                                   |
| Doniphan   | 96                  | 20.04               | 1   | 2   | 3                                      | 3.12                                   |
| Douglas    | 239                 | 3.37                | 1   | 0   | 1                                      | 0.42                                   |
| Edwards    | 20                  | 10.10               | 0   | 0   | 0                                      | 0                                      |
| Elk        | 11                  | 6.36                | 0   | 0   | 0                                      | 0                                      |
| Ellis      | 326                 | 16.97               | 0   | 1   | 1                                      | 0.31                                   |
| Ellsworth  | 74                  | 22.70               | 0   | 0   | 0                                      | 0                                      |
| Finney     | 576                 | 15.39               | 3   | 1   | 4                                      | 0.69                                   |
| Ford       | 863                 | 25.18               | 8   | 4   | 12                                     | 1.39                                   |
| Franklin   | 219                 | 11.63               | 3   | 1   | 4                                      | 1.83                                   |
| Geary      | 736                 | 16.83               | 2   | 5   | 7                                      | 0.95                                   |
| Gove       | 15                  | 8.02                | 1   | 0   | 1                                      | 6.67                                   |

Table 4: Blood Lead Levels in Kansas Children† by County, 2019 (*continued*)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Graham      | 52                  | 41.94               | 2   | 0   | 2                                      | 3.85                                   |
| Grant       | 98                  | 15.01               | 1   | 1   | 2                                      | 2.04                                   |
| Gray        | 77                  | 13.77               | 1   | 0   | 1                                      | 1.3                                    |
| Greeley     | 14                  | 12.07               | 0   | 0   | 0                                      | 0                                      |
| Greenwood   | 39                  | 9.92                | 3   | 2   | 5                                      | 12.82                                  |
| Hamilton    | 17                  | 7.66                | 0   | 0   | 0                                      | 0                                      |
| Harper      | 28                  | 6.62                | 1   | 1   | 2                                      | 7.14                                   |
| Harvey      | 391                 | 16.35               | 6   | 2   | 8                                      | 2.05                                   |
| Haskell     | 27                  | 8.28                | 0   | 0   | 0                                      | 0                                      |
| Hodgeman    | 14                  | 9.86                | 0   | 0   | 0                                      | 0                                      |
| Jackson     | 115                 | 10.87               | 1   | 1   | 2                                      | 1.74                                   |
| Jefferson   | 82                  | 6.69                | 1   | 0   | 1                                      | 1.22                                   |
| Jewell      | 4                   | 1.93                | 0   | 0   | 0                                      | 0                                      |
| Johnson     | 4348                | 9.54                | 12  | 2   | 14                                     | 0.32                                   |
| Kearny      | 52                  | 14.77               | 0   | 1   | 1                                      | 1.92                                   |
| Kingman     | 48                  | 9.78                | 1   | 0   | 1                                      | 2.08                                   |
| Kiowa       | 7                   | 3.74                | 0   | 0   | 0                                      | 0                                      |
| Labette     | 190                 | 12.42               | 7   | 3   | 10                                     | 5.26                                   |
| Lane        | 7                   | 6.25                | 0   | 0   | 0                                      | 0                                      |
| Leavenworth | 982                 | 15.55               | 9   | 3   | 12                                     | 1.22                                   |
| Lincoln     | 40                  | 24.39               | 1   | 1   | 2                                      | 5                                      |
| Linn        | 56                  | 9.32                | 1   | 0   | 1                                      | 1.79                                   |
| Logan       | 48                  | 19.75               | 0   | 0   | 0                                      | 0                                      |
| Lyon        | 382                 | 16.05               | 11  | 5   | 16                                     | 4.19                                   |
| Marion      | 110                 | 15.54               | 7   | 2   | 9                                      | 8.18                                   |
| Marshall    | 117                 | 15.00               | 1   | 0   | 1                                      | 0.85                                   |
| McPherson   | 351                 | 18.03               | 9   | 2   | 11                                     | 3.13                                   |
| Meade       | 39                  | 12.96               | 0   | 0   | 0                                      | 0                                      |
| Miami       | 175                 | 6.91                | 4   | 2   | 6                                      | 3.43                                   |
| Mitchell    | 6                   | 1.32                | 0   | 0   | 0                                      | 0                                      |
| Montgomery  | 267                 | 11.63               | 7   | 5   | 12                                     | 4.49                                   |
| Morris      | 32                  | 8.36                | 0   | 0   | 0                                      | 0                                      |
| Morton      | 10                  | 5.62                | 0   | 0   | 0                                      | 0                                      |
| Nemaha      | 90                  | 9.59                | 1   | 1   | 2                                      | 2.22                                   |

Table 4: Blood Lead Levels in Kansas Children† by County, 2019 (*continued*)

| County       | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|--------------|---------------------|---------------------|---|---|--|--|
| Neosho       | 171                 | 13.26               | 9   | 2   | 11                                     | 6.43                                   |
| Ness         | 28                  | 17.07               | 0   | 1   | 1                                      | 3.57                                   |
| Norton       | 40                  | 12.12               | 0   | 1   | 1                                      | 2.5                                    |
| Osage        | 97                  | 9.12                | 2   | 0   | 2                                      | 2.06                                   |
| Osborne      | 8                   | 3.28                | 0   | 1   | 1                                      | 12.5                                   |
| Ottawa       | 52                  | 16.30               | 3   | 0   | 3                                      | 5.77                                   |
| Pawnee       | 81                  | 23.96               | 0   | 1   | 1                                      | 1.23                                   |
| Phillips     | 21                  | 5.85                | 0   | 0   | 0                                      | 0                                      |
| Pottawatomie | 164                 | 7.40                | 3   | 2   | 5                                      | 3.05                                   |
| Pratt        | 143                 | 20.46               | 12  | 1   | 13                                     | 9.09                                   |
| Rawlins      | 35                  | 18.04               | 2   | 0   | 2                                      | 5.71                                   |
| Reno         | 680                 | 16.36               | 14  | 5   | 19                                     | 2.79                                   |
| Republic     | 38                  | 11.41               | 2   | 1   | 3                                      | 7.89                                   |
| Rice         | 87                  | 13.22               | 3   | 1   | 4                                      | 4.6                                    |
| Riley        | 600                 | 12.74               | 4   | 0   | 4                                      | 0.67                                   |
| Rooks        | 47                  | 13.74               | 3   | 1   | 4                                      | 8.51                                   |
| Rush         | 19                  | 10.33               | 0   | 0   | 0                                      | 0                                      |
| Russell      | 87                  | 18.39               | 3   | 2   | 5                                      | 5.75                                   |
| Saline       | 808                 | 19.84               | 28  | 8   | 36                                     | 4.46                                   |
| Scott        | 76                  | 21.47               | 0   | 0   | 0                                      | 0                                      |
| Sedgwick     | 4837                | 11.52               | 51  | 15  | 66                                     | 1.36                                   |
| Seward       | 314                 | 13.42               | 1   | 0   | 1                                      | 0.32                                   |
| Shawnee      | 1499                | 11.61               | 27  | 9   | 36                                     | 2.4                                    |
| Sheridan     | 16                  | 8.51                | 0   | 0   | 0                                      | 0                                      |
| Sherman      | 89                  | 18.39               | 1   | 1   | 2                                      | 2.25                                   |
| Smith        | 10                  | 4.10                | 0   | 0   | 0                                      | 0                                      |
| Stafford     | 17                  | 5.26                | 0   | 0   | 0                                      | 0                                      |
| Stanton      | 9                   | 5.45                | 0   | 0   | 0                                      | 0                                      |
| Stevens      | 38                  | 9.34                | 0   | 0   | 0                                      | 0                                      |
| Sumner       | 127                 | 7.86                | 4   | 0   | 4                                      | 3.15                                   |
| Thomas       | 132                 | 18.94               | 0   | 0   | 0                                      | 0                                      |
| Trego        | 29                  | 19.21               | 3   | 0   | 3                                      | 10.34                                  |
| Wabaunsee    | 36                  | 7.30                | 0   | 0   | 0                                      | 0                                      |
| Wallace      | 20                  | 15.75               | 0   | 0   | 0                                      | 0                                      |



Table 4: Blood Lead Levels in Kansas Children† by County, 2019 (continued)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Washington  | 42                  | 9.79                | 1   | 0   | 1                                      | 2.38                                   |
| Wichita     | 29                  | 17.47               | 1   | 0   | 1                                      | 3.45                                   |
| Wilson      | 70                  | 10.89               | 4   | 1   | 5                                      | 7.14                                   |
| Woodson     | 35                  | 16.91               | 2   | 1   | 3                                      | 8.57                                   |
| Wyandotte   | 3546                | 22.96               | 56  | 21  | 77                                     | 2.17                                   |
| State Total | 28540               | 12.73               | 394   | 148   | 542                                    | 1.9                                    |

Source: Kansas Department of Health and Environment, Environmental Public Health Tracking.

\* Suppressed † Children aged < 6 years old

Table 5: Blood Lead Levels in Kansas Children† by County, 2018

| County     | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|------------|---------------------|---------------------|---|---|--|--|
| Allen      | 116                 | 14.04               | 5   | 2   | 7                                      | 6.03                                   |
| Anderson   | 81                  | 12.98               | 0   | 1   | 1                                      | 1.23                                   |
| Atchison   | 181                 | 15.74               | 8   | 3   | 11                                     | 6.08                                   |
| Barber     | 43                  | 13.11               | 1   | 0   | 1                                      | 2.33                                   |
| Barton     | 150                 | 7.52                | 7   | 4   | 11                                     | 7.33                                   |
| Bourbon    | 109                 | 8.85                | 4   | 2   | 6                                      | 5.5                                    |
| Brown      | 114                 | 15.36               | 4   | 3   | 7                                      | 6.14                                   |
| Butler     | 284                 | 5.73                | 2   | 1   | 3                                      | 1.06                                   |
| Chase      | 14                  | 8.48                | 1   | 0   | 1                                      | 7.14                                   |
| Chautauqua | 71                  | 34.47               | 0   | 2   | 2                                      | 2.82                                   |
| Cherokee   | 250                 | 18.20               | 6   | 0   | 6                                      | 2.4                                    |
| Cheyenne   | 26                  | 12.68               | 1   | 0   | 1                                      | 3.85                                   |
| Clark      | 16                  | 11.85               | 0   | 0   | 0                                      | 0                                      |
| Clay       | 63                  | 10.23               | 3   | 1   | 4                                      | 6.35                                   |
| Cloud      | 115                 | 18.55               | 0   | 1   | 1                                      | 0.87                                   |
| Coffey     | 82                  | 14.46               | 2   | 0   | 2                                      | 2.44                                   |
| Comanche   | 4                   | 3.64                | *   | 0   | *                                      | *                                      |
| Cowley     | 571                 | 22.03               | 6   | 4   | 10                                     | 1.75                                   |
| Crawford   | 532                 | 18.38               | 7   | 2   | 9                                      | 1.69                                   |
| Decatur    | 21                  | 10.00               | 0   | 0   | 0                                      | 0                                      |
| Dickinson  | 200                 | 15.13               | 6   | 0   | 6                                      | 3                                      |
| Doniphan   | 70                  | 14.11               | 3   | 0   | 3                                      | 4.29                                   |
| Douglas    | 374                 | 5.14                | 2   | 0   | 2                                      | 0.53                                   |
| Edwards    | 31                  | 14.35               | 0   | 0   | 0                                      | 0                                      |
| Elk        | 17                  | 9.88                | 0   | 0   | 0                                      | 0                                      |
| Ellis      | 305                 | 14.69               | 7   | 1   | 8                                      | 2.62                                   |
| Ellsworth  | 89                  | 25.65               | 2   | 2   | 4                                      | 4.49                                   |
| Finney     | 488                 | 12.81               | 4   | 0   | 4                                      | 0.82                                   |
| Ford       | 717                 | 19.96               | 6   | 2   | 8                                      | 1.12                                   |
| Franklin   | 208                 | 11.29               | 5   | 0   | 5                                      | 2.4                                    |
| Geary      | 362                 | 7.96                | 1   | 0   | 1                                      | 0.28                                   |
| Gove       | 15                  | 7.50                | 1   | 0   | 1                                      | 6.67                                   |
| Graham     | 36                  | 28.57               | 1   | 0   | 1                                      | 2.78                                   |
| Grant      | 88                  | 12.79               | 1   | 0   | 1                                      | 1.14                                   |
| Gray       | 72                  | 13.16               | 0   | 0   | 0                                      | 0                                      |

Table 5: Blood Lead Levels in Kansas Children† by County, 2018 (*continued*)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Greeley     | 34                  | 36.56               | 0   | 0   | 0                                      | 0                                      |
| Greenwood   | 70                  | 18.04               | 5   | 1   | 6                                      | 8.57                                   |
| Hamilton    | 14                  | 6.22                | 0   | 0   | 0                                      | 0                                      |
| Harper      | 38                  | 8.84                | 0   | 0   | 0                                      | 0                                      |
| Harvey      | 354                 | 14.38               | 9   | 3   | 12                                     | 3.39                                   |
| Haskell     | 26                  | 7.76                | 0   | 0   | 0                                      | 0                                      |
| Hodgeman    | 20                  | 13.61               | 0   | 0   | 0                                      | 0                                      |
| Jackson     | 156                 | 15.23               | 2   | 0   | 2                                      | 1.28                                   |
| Jefferson   | 96                  | 7.75                | 0   | 2   | 2                                      | 2.08                                   |
| Jewell      | 19                  | 10.61               | 0   | 0   | 0                                      | 0                                      |
| Johnson     | 3143                | 6.85                | 17  | 8   | 25                                     | 0.8                                    |
| Kearny      | 36                  | 9.50                | 0   | 0   | 0                                      | 0                                      |
| Kingman     | 53                  | 10.82               | 1   | 0   | 1                                      | 1.89                                   |
| Kiowa       | 9                   | 4.37                | 0   | 0   | 0                                      | 0                                      |
| Labette     | 173                 | 10.77               | 4   | 5   | 9                                      | 5.2                                    |
| Lane        | 3                   | 2.63                | 0   | 0   | 0                                      | 0                                      |
| Leavenworth | 820                 | 12.83               | 10  | 7   | 17                                     | 2.07                                   |
| Lincoln     | 42                  | 21.43               | 0   | 1   | 1                                      | 2.38                                   |
| Linn        | 44                  | 7.19                | 3   | 1   | 4                                      | 9.09                                   |
| Logan       | 37                  | 14.86               | 0   | 0   | 0                                      | 0                                      |
| Lyon        | 284                 | 11.75               | 14  | 4   | 18                                     | 6.34                                   |
| Marion      | 103                 | 13.88               | 7   | 4   | 11                                     | 10.68                                  |
| Marshall    | 154                 | 20.16               | 5   | 1   | 6                                      | 3.9                                    |
| McPherson   | 231                 | 11.92               | 5   | 1   | 6                                      | 2.6                                    |
| Meade       | 54                  | 15.56               | 0   | 1   | 1                                      | 1.85                                   |
| Miami       | 150                 | 6.32                | 3   | 5   | 8                                      | 5.33                                   |
| Mitchell    | 13                  | 2.53                | 0   | 0   | 0                                      | 0                                      |
| Montgomery  | 304                 | 12.67               | 9   | 5   | 14                                     | 4.61                                   |
| Morris      | 23                  | 6.27                | 2   | 0   | 2                                      | 8.7                                    |
| Morton      | 15                  | 8.29                | 0   | 0   | 0                                      | 0                                      |
| Nemaha      | 69                  | 7.55                | 2   | 0   | 2                                      | 2.9                                    |
| Neosho      | 163                 | 12.84               | 7   | 3   | 10                                     | 6.13                                   |
| Ness        | 17                  | 8.21                | 1   | 1   | 2                                      | 11.76                                  |
| Norton      | 45                  | 13.04               | 2   | 0   | 2                                      | 4.44                                   |

Table 5: Blood Lead Levels in Kansas Children† by County, 2018 (*continued*)

| County       | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|--------------|---------------------|---------------------|---|---|--|--|
| Osage        | 94                  | 8.49                | 1   | 0   | 1                                      | 1.06                                   |
| Osborne      | 9                   | 3.93                | 2   | 0   | 2                                      | 22.22                                  |
| Ottawa       | 46                  | 13.11               | 1   | 0   | 1                                      | 2.17                                   |
| Pawnee       | 76                  | 23.53               | 5   | 2   | 7                                      | 9.21                                   |
| Phillips     | 24                  | 6.58                | 1   | 0   | 1                                      | 4.17                                   |
| Pottawatomie | 204                 | 8.90                | 3   | 1   | 4                                      | 1.96                                   |
| Pratt        | 141                 | 17.94               | 10  | 3   | 13                                     | 9.22                                   |
| Rawlins      | 30                  | 15.79               | 1   | 0   | 1                                      | 3.33                                   |
| Reno         | 695                 | 16.54               | 13  | 9   | 22                                     | 3.17                                   |
| Republic     | 36                  | 11.84               | 0   | 0   | 0                                      | 0                                      |
| Rice         | 84                  | 12.30               | 0   | 1   | 1                                      | 1.19                                   |
| Riley        | 558                 | 11.53               | 6   | 0   | 6                                      | 1.08                                   |
| Rooks        | 58                  | 15.63               | 4   | 1   | 5                                      | 8.62                                   |
| Rush         | 29                  | 15.03               | 1   | 0   | 1                                      | 3.45                                   |
| Russell      | 63                  | 12.35               | 3   | 0   | 3                                      | 4.76                                   |
| Saline       | 921                 | 22.89               | 30  | 5   | 35                                     | 3.8                                    |
| Scott        | 66                  | 16.92               | 0   | 0   | 0                                      | 0                                      |
| Sedgwick     | 4797                | 11.15               | 47  | 20  | 67                                     | 1.4                                    |
| Seward       | 292                 | 12.35               | 1   | 0   | 1                                      | 0.34                                   |
| Shawnee      | 1448                | 10.82               | 30  | 16  | 46                                     | 3.18                                   |
| Sheridan     | 20                  | 10.00               | 0   | 0   | 0                                      | 0                                      |
| Sherman      | 88                  | 18.64               | 2   | 0   | 2                                      | 2.27                                   |
| Smith        | 28                  | 11.86               | 0   | 0   | 0                                      | 0                                      |
| Stafford     | 23                  | 7.12                | 1   | 1   | 2                                      | 8.7                                    |
| Stanton      | 12                  | 7.23                | 0   | 0   | 0                                      | 0                                      |
| Stevens      | 58                  | 12.61               | 2   | 0   | 2                                      | 3.45                                   |
| Sumner       | 168                 | 10.15               | 3   | 1   | 4                                      | 2.38                                   |
| Thomas       | 129                 | 19.75               | 2   | 0   | 2                                      | 1.55                                   |
| Trego        | 33                  | 20.37               | 2   | 0   | 2                                      | 6.06                                   |
| Wabaunsee    | 31                  | 6.14                | 1   | 0   | 1                                      | 3.23                                   |
| Wallace      | 23                  | 16.67               | 0   | 0   | 0                                      | 0                                      |
| Washington   | 71                  | 16.36               | 2   | 1   | 3                                      | 4.23                                   |
| Wichita      | 35                  | 22.15               | 1   | 0   | 1                                      | 2.86                                   |
| Wilson       | 56                  | 8.47                | 3   | 0   | 3                                      | 5.36                                   |



Table 5: Blood Lead Levels in Kansas Children† by County, 2018 (continued)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Woodson     | 34                  | 17.44               | 2   | 2   | 4                                      | 11.76                                  |
| Wyandotte   | 3073                | 19.43               | 82  | 14  | 96                                     | 3.12                                   |
| State Total | 26300               | 11.51               | 467   | 161   | 628                                    | 2.39                                   |

Source: Kansas Department of Health and Environment, Environmental Public Health Tracking.

\* Suppressed † Children aged < 6 years old

Table 6: Blood Lead Levels in Kansas Children† by County, 2017

| County     | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|------------|---------------------|---------------------|---|---|--|--|
| Allen      | 119                 | 13.84               | 6   | 2   | 8                                      | 6.72                                   |
| Anderson   | 84                  | 14.48               | 2   | 0   | 2                                      | 2.38                                   |
| Atchison   | 185                 | 15.56               | 4   | 1   | 5                                      | 2.7                                    |
| Barber     | 62                  | 17.22               | 1   | 1   | 2                                      | 3.23                                   |
| Barton     | 211                 | 10.37               | 7   | 7   | 14                                     | 6.64                                   |
| Bourbon    | 146                 | 11.69               | 5   | 2   | 7                                      | 4.79                                   |
| Brown      | 136                 | 17.02               | 4   | 2   | 6                                      | 4.41                                   |
| Butler     | 268                 | 5.48                | 0   | 0   | 0                                      | 0                                      |
| Chase      | 16                  | 9.52                | 2   | 1   | 3                                      | 18.75                                  |
| Chautauqua | 91                  | 40.99               | 5   | 3   | 8                                      | 8.79                                   |
| Cherokee   | 284                 | 20.49               | 3   | 1   | 4                                      | 1.41                                   |
| Cheyenne   | 22                  | 11.06               | 1   | 0   | 1                                      | 4.55                                   |
| Clark      | 8                   | 6.45                | 0   | 0   | 0                                      | 0                                      |
| Clay       | 94                  | 17.00               | 1   | 3   | 4                                      | 4.26                                   |
| Cloud      | 66                  | 9.19                | 2   | 1   | 3                                      | 4.55                                   |
| Coffey     | 76                  | 14.37               | 0   | 0   | 0                                      | 0                                      |
| Comanche   | 2                   | 1.44                | *   | 0   | *                                      | *                                      |
| Cowley     | 566                 | 21.06               | 13  | 5   | 18                                     | 3.18                                   |
| Crawford   | 582                 | 20.35               | 6   | 4   | 10                                     | 1.72                                   |
| Decatur    | 32                  | 15.69               | 0   | 0   | 0                                      | 0                                      |
| Dickinson  | 177                 | 12.84               | 9   | 1   | 10                                     | 5.65                                   |
| Doniphan   | 67                  | 12.32               | 1   | 0   | 1                                      | 1.49                                   |
| Douglas    | 409                 | 5.28                | 4   | 1   | 5                                      | 1.22                                   |
| Edwards    | 29                  | 13.55               | 2   | 0   | 2                                      | 6.9                                    |
| Elk        | 14                  | 9.21                | 2   | 0   | 2                                      | 14.29                                  |
| Ellis      | 369                 | 17.42               | 10  | 3   | 13                                     | 3.52                                   |
| Ellsworth  | 94                  | 24.67               | 1   | 0   | 1                                      | 1.06                                   |
| Finney     | 593                 | 15.10               | 8   | 0   | 8                                      | 1.35                                   |
| Ford       | 387                 | 10.44               | 10  | 7   | 17                                     | 4.39                                   |
| Franklin   | 159                 | 8.10                | 2   | 1   | 3                                      | 1.89                                   |
| Geary      | 139                 | 2.88                | 2   | 1   | 3                                      | 2.16                                   |
| Gove       | 28                  | 14.00               | 0   | 2   | 2                                      | 7.14                                   |
| Graham     | 46                  | 30.26               | 2   | 0   | 2                                      | 4.35                                   |
| Grant      | 71                  | 10.06               | 2   | 0   | 2                                      | 2.82                                   |
| Gray       | 49                  | 9.35                | 0   | 0   | 0                                      | 0                                      |

Table 6: Blood Lead Levels in Kansas Children† by County, 2017 (*continued*)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Greeley     | 42                  | 42.42               | 0   | 0   | 0                                      | 0                                      |
| Greenwood   | 72                  | 19.15               | 4   | 4   | 8                                      | 11.11                                  |
| Hamilton    | 14                  | 5.49                | 0   | 0   | 0                                      | 0                                      |
| Harper      | 26                  | 5.70                | 0   | 1   | 1                                      | 3.85                                   |
| Harvey      | 158                 | 6.01                | 13  | 3   | 16                                     | 10.13                                  |
| Haskell     | 30                  | 8.70                | 1   | 0   | 1                                      | 3.33                                   |
| Hodgeman    | 25                  | 19.23               | 0   | 0   | 0                                      | 0                                      |
| Jackson     | 199                 | 18.46               | 2   | 2   | 4                                      | 2.01                                   |
| Jefferson   | 83                  | 6.72                | 4   | 1   | 5                                      | 6.02                                   |
| Jewell      | 26                  | 15.48               | 0   | 0   | 0                                      | 0                                      |
| Johnson     | 2350                | 5.10                | 21  | 5   | 26                                     | 1.11                                   |
| Kearny      | 21                  | 5.30                | 0   | 0   | 0                                      | 0                                      |
| Kingman     | 67                  | 13.87               | 1   | 2   | 3                                      | 4.48                                   |
| Kiowa       | 10                  | 5.26                | 0   | 0   | 0                                      | 0                                      |
| Labette     | 217                 | 13.95               | 3   | 5   | 8                                      | 3.69                                   |
| Lane        | 4                   | 3.60                | 0   | 0   | 0                                      | 0                                      |
| Leavenworth | 535                 | 8.27                | 10  | 3   | 13                                     | 2.43                                   |
| Lincoln     | 45                  | 24.32               | 2   | 1   | 3                                      | 6.67                                   |
| Linn        | 71                  | 10.86               | 3   | 1   | 4                                      | 5.63                                   |
| Logan       | 52                  | 22.51               | 0   | 0   | 0                                      | 0                                      |
| Lyon        | 322                 | 13.24               | 15  | 3   | 18                                     | 5.59                                   |
| Marion      | 52                  | 7.14                | 5   | 3   | 8                                      | 15.38                                  |
| Marshall    | 164                 | 20.71               | 10  | 3   | 13                                     | 7.93                                   |
| McPherson   | 178                 | 8.71                | 7   | 4   | 11                                     | 6.18                                   |
| Meade       | 74                  | 18.55               | 0   | 1   | 1                                      | 1.35                                   |
| Miami       | 103                 | 4.23                | 5   | 1   | 6                                      | 5.83                                   |
| Mitchell    | 11                  | 2.32                | 1   | 0   | 1                                      | 9.09                                   |
| Montgomery  | 305                 | 11.85               | 12  | 11  | 23                                     | 7.54                                   |
| Morris      | 34                  | 10.33               | 1   | 2   | 3                                      | 8.82                                   |
| Morton      | 5                   | 2.75                | 0   | 0   | 0                                      | 0                                      |
| Nemaha      | 67                  | 7.44                | 2   | 0   | 2                                      | 2.99                                   |
| Neosho      | 114                 | 9.10                | 8   | 3   | 11                                     | 9.65                                   |
| Ness        | 22                  | 10.73               | 0   | 1   | 1                                      | 4.55                                   |
| Norton      | 57                  | 18.21               | 1   | 0   | 1                                      | 1.75                                   |

Table 6: Blood Lead Levels in Kansas Children† by County, 2017 (*continued*)

| County       | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|--------------|---------------------|---------------------|---|---|--|--|
| Osage        | 110                 | 10.35               | 2   | 0   | 2                                      | 1.82                                   |
| Osborne      | 16                  | 6.06                | 1   | 1   | 2                                      | 12.5                                   |
| Ottawa       | 35                  | 9.56                | 5   | 1   | 6                                      | 17.14                                  |
| Pawnee       | 83                  | 24.92               | 4   | 1   | 5                                      | 6.02                                   |
| Phillips     | 20                  | 5.63                | 1   | 1   | 2                                      | 10                                     |
| Pottawatomie | 206                 | 9.19                | 6   | 4   | 10                                     | 4.85                                   |
| Pratt        | 109                 | 13.69               | 3   | 3   | 6                                      | 5.5                                    |
| Rawlins      | 36                  | 23.08               | 1   | 0   | 1                                      | 2.78                                   |
| Reno         | 404                 | 9.73                | 22  | 3   | 25                                     | 6.19                                   |
| Republic     | 29                  | 9.24                | 1   | 0   | 1                                      | 3.45                                   |
| Rice         | 104                 | 14.13               | 3   | 0   | 3                                      | 2.88                                   |
| Riley        | 451                 | 9.30                | 2   | 0   | 2                                      | 0.44                                   |
| Rooks        | 83                  | 22.37               | 1   | 1   | 2                                      | 2.41                                   |
| Rush         | 33                  | 16.42               | 1   | 1   | 2                                      | 6.06                                   |
| Russell      | 82                  | 16.08               | 4   | 0   | 4                                      | 4.88                                   |
| Saline       | 514                 | 12.21               | 27  | 10  | 37                                     | 7.2                                    |
| Scott        | 86                  | 21.72               | 0   | 0   | 0                                      | 0                                      |
| Sedgwick     | 4581                | 10.45               | 72  | 21  | 93                                     | 2.03                                   |
| Seward       | 230                 | 9.71                | 3   | 1   | 4                                      | 1.74                                   |
| Shawnee      | 1285                | 9.44                | 37  | 20  | 57                                     | 4.44                                   |
| Sheridan     | 29                  | 15.51               | 0   | 0   | 0                                      | 0                                      |
| Sherman      | 85                  | 17.21               | 0   | 0   | 0                                      | 0                                      |
| Smith        | 16                  | 6.93                | 0   | 0   | 0                                      | 0                                      |
| Stafford     | 38                  | 11.31               | 2   | 2   | 4                                      | 10.53                                  |
| Stanton      | 8                   | 4.02                | 0   | 0   | 0                                      | 0                                      |
| Stevens      | 35                  | 7.14                | 0   | 1   | 1                                      | 2.86                                   |
| Sumner       | 98                  | 5.60                | 4   | 0   | 4                                      | 4.08                                   |
| Thomas       | 112                 | 17.55               | 0   | 0   | 0                                      | 0                                      |
| Trego        | 28                  | 13.46               | 1   | 2   | 3                                      | 10.71                                  |
| Wabaunsee    | 31                  | 5.81                | 0   | 0   | 0                                      | 0                                      |
| Wallace      | 14                  | 11.29               | 0   | 0   | 0                                      | 0                                      |
| Washington   | 77                  | 17.11               | 1   | 1   | 2                                      | 2.6                                    |
| Wichita      | 51                  | 31.68               | 0   | 0   | 0                                      | 0                                      |
| Wilson       | 31                  | 4.74                | 2   | 1   | 3                                      | 9.68                                   |

Table 6: Blood Lead Levels in Kansas Children† by County, 2017 (continued)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Woodson     | 31                  | 16.49               | 1   | 0   | 1                                      | 3.23                                   |
| Wyandotte   | 2166                | 13.33               | 93  | 21  | 114                                    | 5.26                                   |
| State Total | 22588               | 9.72                | 549   | 205   | 754                                    | 3.34                                   |

Source: Kansas Department of Health and Environment, Environmental Public Health Tracking.

\* Suppressed † Children aged < 6 years old



Table 7: Blood Lead Levels in Kansas Children† by County, 2016

| County     | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|------------|---------------------|---------------------|---|---|--|--|
| Allen      | 120                 | 13.53               | 1   | 1   | 2                                      | 1.67                                   |
| Anderson   | 57                  | 9.61                | 0   | 0   | 0                                      | 0                                      |
| Atchison   | 201                 | 16.81               | 3   | 3   | 6                                      | 2.99                                   |
| Barber     | 45                  | 12.33               | 1   | 1   | 2                                      | 4.44                                   |
| Barton     | 313                 | 14.95               | 14  | 5   | 19                                     | 6.07                                   |
| Bourbon    | 166                 | 13.42               | 6   | 1   | 7                                      | 4.22                                   |
| Brown      | 110                 | 13.89               | 4   | 1   | 5                                      | 4.55                                   |
| Butler     | 187                 | 3.81                | 1   | 1   | 2                                      | 1.07                                   |
| Chase      | 11                  | 6.40                | 1   | 1   | 2                                      | 18.18                                  |
| Chautauqua | 97                  | 43.89               | 4   | 2   | 6                                      | 6.19                                   |
| Cherokee   | 184                 | 13.20               | 2   | 3   | 5                                      | 2.72                                   |
| Cheyenne   | 25                  | 14.20               | 0   | 0   | 0                                      | 0                                      |
| Clark      | 13                  | 10.00               | 0   | 0   | 0                                      | 0                                      |
| Clay       | 63                  | 9.97                | 5   | 0   | 5                                      | 7.94                                   |
| Cloud      | 103                 | 14.43               | 2   | 0   | 2                                      | 1.94                                   |
| Coffey     | 59                  | 10.24               | 0   | 0   | 0                                      | 0                                      |
| Comanche   | 8                   | 5.16                | 2   | 0   | 2                                      | 25                                     |
| Cowley     | 450                 | 16.06               | 13  | 3   | 16                                     | 3.56                                   |
| Crawford   | 567                 | 19.37               | 5   | 6   | 11                                     | 1.94                                   |
| Decatur    | 29                  | 13.36               | 0   | 1   | 1                                      | 3.45                                   |
| Dickinson  | 191                 | 13.67               | 7   | 2   | 9                                      | 4.71                                   |
| Doniphan   | 39                  | 8.21                | 2   | 0   | 2                                      | 5.13                                   |
| Douglas    | 425                 | 5.61                | 5   | 1   | 6                                      | 1.41                                   |
| Edwards    | 30                  | 13.95               | 0   | 0   | 0                                      | 0                                      |
| Elk        | 16                  | 9.36                | 0   | 0   | 0                                      | 0                                      |
| Ellis      | 253                 | 12.12               | 12  | 3   | 15                                     | 5.93                                   |
| Ellsworth  | 95                  | 27.30               | 4   | 0   | 4                                      | 4.21                                   |
| Finney     | 187                 | 4.77                | 9   | 1   | 10                                     | 5.35                                   |
| Ford       | 613                 | 16.57               | 11  | 5   | 16                                     | 2.61                                   |
| Franklin   | 106                 | 5.49                | 4   | 4   | 8                                      | 7.55                                   |
| Geary      | 115                 | 2.34                | 2   | 1   | 3                                      | 2.61                                   |
| Gove       | 17                  | 8.06                | 0   | 0   | 0                                      | 0                                      |
| Graham     | 43                  | 24.16               | 0   | 0   | 0                                      | 0                                      |
| Grant      | 55                  | 7.19                | 2   | 0   | 2                                      | 3.64                                   |
| Gray       | 65                  | 12.67               | 0   | 0   | 0                                      | 0                                      |

Table 7: Blood Lead Levels in Kansas Children† by County, 2016 (*continued*)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Greeley     | 39                  | 35.45               | 0   | 0   | 0                                      | 0                                      |
| Greenwood   | 72                  | 19.15               | 5   | 2   | 7                                      | 9.72                                   |
| Hamilton    | 6                   | 2.33                | *   | 0   | *                                      | *                                      |
| Harper      | 39                  | 8.41                | 1   | 0   | 1                                      | 2.56                                   |
| Harvey      | 176                 | 6.42                | 9   | 3   | 12                                     | 6.82                                   |
| Haskell     | 15                  | 4.42                | 0   | 0   | 0                                      | 0                                      |
| Hodgeman    | 29                  | 20.86               | 0   | 0   | 0                                      | 0                                      |
| Jackson     | 173                 | 17.04               | 0   | 0   | 0                                      | 0                                      |
| Jefferson   | 60                  | 4.84                | 1   | 1   | 2                                      | 3.33                                   |
| Jewell      | 7                   | 3.78                | 0   | 0   | 0                                      | 0                                      |
| Johnson     | 2528                | 5.56                | 23  | 8   | 31                                     | 1.23                                   |
| Kearny      | 27                  | 7.18                | 0   | 0   | 0                                      | 0                                      |
| Kingman     | 54                  | 11.87               | 0   | 3   | 3                                      | 5.56                                   |
| Kiowa       | 6                   | 3.16                | 0   | 0   | 0                                      | 0                                      |
| Labette     | 223                 | 14.41               | 4   | 6   | 10                                     | 4.48                                   |
| Lane        | 8                   | 6.02                | 0   | 0   | 0                                      | 0                                      |
| Leavenworth | 494                 | 7.78                | 6   | 4   | 10                                     | 2.02                                   |
| Lincoln     | 56                  | 27.72               | 0   | 1   | 1                                      | 1.79                                   |
| Linn        | 62                  | 9.44                | 4   | 1   | 5                                      | 8.06                                   |
| Logan       | 38                  | 17.35               | 1   | 0   | 1                                      | 2.63                                   |
| Lyon        | 214                 | 8.84                | 9   | 8   | 17                                     | 7.94                                   |
| Marion      | 57                  | 7.22                | 4   | 3   | 7                                      | 12.28                                  |
| Marshall    | 161                 | 22.05               | 1   | 3   | 4                                      | 2.48                                   |
| McPherson   | 263                 | 12.96               | 8   | 5   | 13                                     | 4.94                                   |
| Meade       | 72                  | 20.34               | 0   | 0   | 0                                      | 0                                      |
| Miami       | 166                 | 6.75                | 7   | 1   | 8                                      | 4.82                                   |
| Mitchell    | 17                  | 3.48                | 0   | 0   | 0                                      | 0                                      |
| Montgomery  | 392                 | 15.03               | 14  | 15  | 29                                     | 7.4                                    |
| Morris      | 28                  | 7.80                | 1   | 0   | 1                                      | 3.57                                   |
| Morton      | 4                   | 1.83                | 0   | 0   | 0                                      | 0                                      |
| Nemaha      | 74                  | 8.14                | 6   | 1   | 7                                      | 9.46                                   |
| Neosho      | 138                 | 10.24               | 7   | 1   | 8                                      | 5.8                                    |
| Ness        | 20                  | 9.43                | 2   | 1   | 3                                      | 15                                     |
| Norton      | 33                  | 10.03               | 1   | 0   | 1                                      | 3.03                                   |

Table 7: Blood Lead Levels in Kansas Children† by County, 2016 (continued)

| County       | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|--------------|---------------------|---------------------|---|---|--|--|
| Osage        | 71                  | 6.70                | 0   | 2   | 2                                      | 2.82                                   |
| Osborne      | 7                   | 2.66                | 1   | 1   | 2                                      | 28.57                                  |
| Ottawa       | 50                  | 13.70               | 0   | 0   | 0                                      | 0                                      |
| Pawnee       | 66                  | 18.97               | 1   | 3   | 4                                      | 6.06                                   |
| Phillips     | 9                   | 2.21                | 1   | 0   | 1                                      | 11.11                                  |
| Pottawatomie | 210                 | 9.41                | 7   | 4   | 11                                     | 5.24                                   |
| Pratt        | 132                 | 15.60               | 0   | 1   | 1                                      | 0.76                                   |
| Rawlins      | 41                  | 21.93               | 0   | 0   | 0                                      | 0                                      |
| Reno         | 605                 | 13.96               | 13  | 3   | 16                                     | 2.64                                   |
| Republic     | 32                  | 10.60               | 1   | 0   | 1                                      | 3.12                                   |
| Rice         | 138                 | 18.33               | 1   | 1   | 2                                      | 1.45                                   |
| Riley        | 475                 | 9.25                | 4   | 1   | 5                                      | 1.05                                   |
| Rooks        | 67                  | 18.26               | 2   | 1   | 3                                      | 4.48                                   |
| Rush         | 38                  | 23.31               | 2   | 2   | 4                                      | 10.53                                  |
| Russell      | 64                  | 11.23               | 6   | 1   | 7                                      | 10.94                                  |
| Saline       | 913                 | 20.79               | 30  | 12  | 42                                     | 4.6                                    |
| Scott        | 62                  | 14.52               | 0   | 0   | 0                                      | 0                                      |
| Sedgwick     | 4412                | 9.88                | 63  | 21  | 84                                     | 1.9                                    |
| Seward       | 42                  | 1.66                | 2   | 2   | 4                                      | 9.52                                   |
| Shawnee      | 1164                | 8.39                | 51  | 15  | 66                                     | 5.67                                   |
| Sheridan     | 21                  | 12.57               | 1   | 0   | 1                                      | 4.76                                   |
| Sherman      | 64                  | 13.45               | 2   | 0   | 2                                      | 3.12                                   |
| Smith        | 15                  | 8.24                | 0   | 0   | 0                                      | 0                                      |
| Stafford     | 37                  | 11.78               | 0   | 0   | 0                                      | 0                                      |
| Stanton      | 5                   | 3.07                | 0   | 0   | 0                                      | 0                                      |
| Stevens      | 34                  | 6.59                | 0   | 0   | 0                                      | 0                                      |
| Sumner       | 156                 | 9.29                | 4   | 1   | 5                                      | 3.21                                   |
| Thomas       | 132                 | 20.06               | 0   | 0   | 0                                      | 0                                      |
| Trego        | 33                  | 17.28               | 2   | 0   | 2                                      | 6.06                                   |
| Wabaunsee    | 38                  | 7.25                | 0   | 0   | 0                                      | 0                                      |
| Wallace      | 13                  | 11.71               | 1   | 0   | 1                                      | 7.69                                   |
| Washington   | 78                  | 18.62               | 1   | 2   | 3                                      | 3.85                                   |
| Wichita      | 40                  | 22.10               | 0   | 0   | 0                                      | 0                                      |
| Wilson       | 43                  | 6.70                | 3   | 0   | 3                                      | 6.98                                   |

Table 7: Blood Lead Levels in Kansas Children† by County, 2016 (*continued*)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Woodson     | 30                  | 15.15               | 1   | 1   | 2                                      | 6.67                                   |
| Wyandotte   | 2638                | 16.19               | 73  | 24  | 97                                     | 3.68                                   |
| State Total | 22795               | 9.73                | 510   | 211   | 721                                    | 3.16                                   |

*Source:* Kansas Department of Health and Environment, Environmental Public Health Tracking.

\* Suppressed † Children aged < 6 years old

Table 8: Blood Lead Levels in Kansas Children† by County, 2015

| County     | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|------------|---------------------|---------------------|---|---|--|--|
| Allen      | 65                  | 7.25                | 0   | 1   | 1                                      | 1.54                                   |
| Anderson   | 46                  | 7.71                | 2   | 0   | 2                                      | 4.35                                   |
| Atchison   | 173                 | 14.23               | 3   | 3   | 6                                      | 3.47                                   |
| Barber     | 18                  | 4.64                | 0   | 0   | 0                                      | 0                                      |
| Barton     | 180                 | 8.24                | 11  | 12  | 23                                     | 12.78                                  |
| Bourbon    | 160                 | 13.23               | 8   | 2   | 10                                     | 6.25                                   |
| Brown      | 57                  | 6.94                | 1   | 1   | 2                                      | 3.51                                   |
| Butler     | 130                 | 2.76                | 1   | 1   | 2                                      | 1.54                                   |
| Chase      | 13                  | 8.61                | 0   | 0   | 0                                      | 0                                      |
| Chautauqua | 62                  | 28.18               | 2   | 2   | 4                                      | 6.45                                   |
| Cherokee   | 151                 | 10.75               | 3   | 1   | 4                                      | 2.65                                   |
| Cheyenne   | 23                  | 13.61               | 0   | 0   | 0                                      | 0                                      |
| Clark      | 5                   | 3.11                | 0   | 0   | 0                                      | 0                                      |
| Clay       | 49                  | 7.35                | 4   | 1   | 5                                      | 10.2                                   |
| Cloud      | 45                  | 6.72                | 2   | 1   | 3                                      | 6.67                                   |
| Coffey     | 68                  | 13.15               | 2   | 1   | 3                                      | 4.41                                   |
| Comanche   | 6                   | 3.55                | 0   | 0   | 0                                      | 0                                      |
| Cowley     | 317                 | 11.44               | 6   | 4   | 10                                     | 3.15                                   |
| Crawford   | 323                 | 11.25               | 1   | 0   | 1                                      | 0.31                                   |
| Decatur    | 14                  | 6.57                | 0   | 0   | 0                                      | 0                                      |
| Dickinson  | 80                  | 5.46                | 4   | 1   | 5                                      | 6.25                                   |
| Doniphan   | 53                  | 10.15               | 1   | 1   | 2                                      | 3.77                                   |
| Douglas    | 429                 | 5.89                | 5   | 1   | 6                                      | 1.4                                    |
| Edwards    | 13                  | 5.75                | 0   | 0   | 0                                      | 0                                      |
| Elk        | 8                   | 5.26                | 1   | 0   | 1                                      | 12.5                                   |
| Ellis      | 45                  | 1.98                | 17  | 6   | 23                                     | 51.11                                  |
| Ellsworth  | 70                  | 20.17               | 1   | 0   | 1                                      | 1.43                                   |
| Finney     | 413                 | 9.99                | 0   | 2   | 2                                      | 0.48                                   |
| Ford       | 385                 | 9.69                | 1   | 1   | 2                                      | 0.52                                   |
| Franklin   | 175                 | 8.99                | 6   | 2   | 8                                      | 4.57                                   |
| Geary      | 48                  | 0.97                | 5   | 0   | 5                                      | 10.42                                  |
| Gove       | 11                  | 5.21                | 1   | 0   | 1                                      | 9.09                                   |
| Graham     | 37                  | 19.37               | 1   | 1   | 2                                      | 5.41                                   |
| Grant      | 55                  | 7.08                | 0   | 0   | 0                                      | 0                                      |
| Gray       | 60                  | 10.22               | 0   | 0   | 0                                      | 0                                      |

Table 8: Blood Lead Levels in Kansas Children† by County, 2015 (*continued*)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Greeley     | 11                  | 8.21                | 0   | 0   | 0                                      | 0                                      |
| Greenwood   | 69                  | 18.06               | 4   | 2   | 6                                      | 8.7                                    |
| Hamilton    | 8                   | 3.27                | 0   | 0   | 0                                      | 0                                      |
| Harper      | 25                  | 4.81                | 2   | 0   | 2                                      | 8                                      |
| Harvey      | 213                 | 7.46                | 5   | 3   | 8                                      | 3.76                                   |
| Haskell     | 28                  | 7.78                | 0   | 0   | 0                                      | 0                                      |
| Hodgeman    | 23                  | 15.97               | 1   | 0   | 1                                      | 4.35                                   |
| Jackson     | 109                 | 10.68               | 0   | 1   | 1                                      | 0.92                                   |
| Jefferson   | 60                  | 4.86                | 1   | 0   | 1                                      | 1.67                                   |
| Jewell      | 4                   | 2.45                | 0   | 0   | 0                                      | 0                                      |
| Johnson     | 2363                | 5.12                | 17  | 3   | 20                                     | 0.85                                   |
| Kearny      | 6                   | 1.51                | 0   | 0   | 0                                      | 0                                      |
| Kingman     | 29                  | 5.50                | 0   | 0   | 0                                      | 0                                      |
| Kiowa       | 7                   | 3.24                | 0   | 0   | 0                                      | 0                                      |
| Labette     | 193                 | 12.23               | 8   | 3   | 11                                     | 5.7                                    |
| Lane        | 7                   | 6.03                | 0   | 0   | 0                                      | 0                                      |
| Leavenworth | 810                 | 12.96               | 10  | 3   | 13                                     | 1.6                                    |
| Lincoln     | 26                  | 11.87               | 0   | 1   | 1                                      | 3.85                                   |
| Linn        | 63                  | 10.92               | 5   | 0   | 5                                      | 7.94                                   |
| Logan       | 18                  | 8.57                | 1   | 0   | 1                                      | 5.56                                   |
| Lyon        | 200                 | 8.33                | 5   | 6   | 11                                     | 5.5                                    |
| Marion      | 56                  | 7.50                | 4   | 3   | 7                                      | 12.5                                   |
| Marshall    | 85                  | 11.35               | 3   | 2   | 5                                      | 5.88                                   |
| McPherson   | 80                  | 3.86                | 3   | 2   | 5                                      | 6.25                                   |
| Meade       | 42                  | 12.92               | 1   | 0   | 1                                      | 2.38                                   |
| Miami       | 176                 | 7.80                | 6   | 0   | 6                                      | 3.41                                   |
| Mitchell    | 16                  | 3.50                | 1   | 0   | 1                                      | 6.25                                   |
| Montgomery  | 347                 | 13.10               | 7   | 7   | 14                                     | 4.03                                   |
| Morris      | 9                   | 2.54                | 1   | 1   | 2                                      | 22.22                                  |
| Morton      | 11                  | 4.82                | 0   | 0   | 0                                      | 0                                      |
| Nemaha      | 51                  | 5.54                | 3   | 3   | 6                                      | 11.76                                  |
| Neosho      | 73                  | 5.29                | 4   | 2   | 6                                      | 8.22                                   |
| Ness        | 4                   | 2.08                | *   | 0   | *                                      | *                                      |
| Norton      | 22                  | 6.41                | 1   | 0   | 1                                      | 4.55                                   |

Table 8: Blood Lead Levels in Kansas Children† by County, 2015 (*continued*)

| County       | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|--------------|---------------------|---------------------|---|---|--|--|
| Osage        | 48                  | 4.58                | 0   | 0   | 0                                      | 0                                      |
| Osborne      | 6                   | 2.20                | *   | *   | *                                      | *                                      |
| Ottawa       | 17                  | 3.92                | 2   | 0   | 2                                      | 11.76                                  |
| Pawnee       | 59                  | 15.82               | 3   | 1   | 4                                      | 6.78                                   |
| Phillips     | 4                   | 0.97                | 0   | 0   | 0                                      | 0                                      |
| Pottawatomie | 70                  | 3.17                | 1   | 1   | 2                                      | 2.86                                   |
| Pratt        | 81                  | 10.28               | 1   | 0   | 1                                      | 1.23                                   |
| Rawlins      | 16                  | 10.60               | 0   | 0   | 0                                      | 0                                      |
| Reno         | 215                 | 4.67                | 11  | 3   | 14                                     | 6.51                                   |
| Republic     | 17                  | 5.43                | 0   | 0   | 0                                      | 0                                      |
| Rice         | 53                  | 6.44                | 0   | 1   | 1                                      | 1.89                                   |
| Riley        | 107                 | 1.88                | 2   | 1   | 3                                      | 2.8                                    |
| Rooks        | 35                  | 8.91                | 3   | 5   | 8                                      | 22.86                                  |
| Rush         | 6                   | 3.68                | 0   | *   | *                                      | *                                      |
| Russell      | 28                  | 5.02                | 6   | 2   | 8                                      | 28.57                                  |
| Saline       | 260                 | 5.71                | 7   | 4   | 11                                     | 4.23                                   |
| Scott        | 38                  | 9.64                | 0   | 0   | 0                                      | 0                                      |
| Sedgwick     | 1852                | 4.08                | 64  | 17  | 81                                     | 4.37                                   |
| Seward       | 163                 | 6.12                | 1   | 0   | 1                                      | 0.61                                   |
| Shawnee      | 513                 | 3.62                | 21  | 6   | 27                                     | 5.26                                   |
| Sheridan     | 13                  | 8.33                | 0   | 0   | 0                                      | 0                                      |
| Sherman      | 30                  | 5.84                | 3   | 0   | 3                                      | 10                                     |
| Smith        | 16                  | 7.51                | 0   | 0   | 0                                      | 0                                      |
| Stafford     | 29                  | 10.36               | 2   | 0   | 2                                      | 6.9                                    |
| Stanton      | 4                   | 1.90                | 0   | 0   | 0                                      | 0                                      |
| Stevens      | 26                  | 4.51                | 0   | 1   | 1                                      | 3.85                                   |
| Sumner       | 81                  | 4.42                | 1   | 2   | 3                                      | 3.7                                    |
| Thomas       | 59                  | 9.10                | 0   | 0   | 0                                      | 0                                      |
| Trego        | 13                  | 7.10                | 1   | 1   | 2                                      | 15.38                                  |
| Wabaunsee    | 12                  | 2.02                | 0   | 0   | 0                                      | 0                                      |
| Wallace      | 10                  | 8.77                | 0   | 1   | 1                                      | 10                                     |
| Washington   | 54                  | 13.40               | 0   | 1   | 1                                      | 1.85                                   |
| Wichita      | 26                  | 13.33               | 0   | 0   | 0                                      | 0                                      |
| Wilson       | 31                  | 5.18                | 1   | 1   | 2                                      | 6.45                                   |



Table 8: Blood Lead Levels in Kansas Children† by County, 2015 (*continued*)

| County      | Children Tested (#) | Children Tested (%) | Children with Confirmed Blood Lead 5 to <10 µg/dL (#) | Children with Confirmed Blood Lead 10 µg/dL and greater (#) | Total Children with Confirmed EBLL (#) | Total Children with Confirmed EBLL (%) |
|-------------|---------------------|---------------------|---|---|--|--|
| Woodson     | 18                  | 9.63                | 0   | 1   | 1                                      | 5.56                                   |
| Wyandotte   | 2268                | 14.09               | 48  | 15  | 63                                     | 2.78                                   |
| State Total | 15370               | 6.47                | 365   | 153   | 518                                    | 3.37                                   |

*Source:* Kansas Department of Health and Environment, Environmental Public Health Tracking.

\* Suppressed † Children aged < 6 years old

## Appendix B: Blood Lead Testing for Medicaid Recipients 12 to < 24 months of Age

Table 9: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2018-2020

| County     | 2020     |                     |                | 2019     |                     |                | 2018     |                     |                |
|------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|            | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Allen      | 205      | 75                  | 36.6           | 334      | 100                 | 29.9           | 358      | 127                 | 35.5           |
| Anderson   | 66       | 23                  | 34.8           | 71       | 22                  | 31.0           | 86       | 25                  | 29.1           |
| Atchison   | 108      | 19                  | 17.6           | 122      | 31                  | 25.4           | 146      | 57                  | 39.0           |
| Barber     | 33       | 4                   | 12.1           | 37       | 14                  | 37.8           | 42       | 18                  | 42.9           |
| Bourbon    | 139      | 48                  | 34.5           | 140      | 38                  | 27.1           | 165      | 45                  | 27.3           |
| Brown      | 92       | 16                  | 17.4           | 96       | 30                  | 31.2           | 80       | 30                  | 37.5           |
| Barton     | 200      | 47                  | 23.5           | 208      | 82                  | 39.4           | 255      | 47                  | 18.4           |
| Butler     | 302      | 41                  | 13.6           | 363      | 63                  | 17.4           | 378      | 73                  | 19.3           |
| Clark      | 6        | 2                   | 33.3           | 11       | 1                   | 9.1            | 12       | 3                   | 25.0           |
| Cloud      | 64       | 17                  | 26.6           | 62       | 23                  | 37.1           | 69       | 14                  | 20.3           |
| Coffey     | 56       | 23                  | 41.1           | 75       | 19                  | 25.3           | 48       | 29                  | 60.4           |
| Cherokee   | 168      | 70                  | 41.7           | 169      | 80                  | 47.3           | 163      | 77                  | 47.2           |
| Cowley     | 283      | 145                 | 51.2           | 327      | 136                 | 41.6           | 307      | 191                 | 62.2           |
| Comanche   | 7        | 0                   | 0.0            | 7        | 1                   | 14.3           | 12       | 1                   | 8.3            |
| Cheyenne   | 12       | 1                   | 8.3            | 26       | 1                   | 3.8            | 15       | 1                   | 6.7            |
| Chautauqua | 29       | 15                  | 51.7           | 26       | 12                  | 46.2           | 23       | 11                  | 47.8           |
| Crawford   | 347      | 120                 | 34.6           | 379      | 155                 | 40.9           | 371      | 148                 | 39.9           |
| Chase      | 20       | 4                   | 20.0           | 15       | 8                   | 53.3           | 19       | 8                   | 42.1           |
| Clay       | 42       | 21                  | 50.0           | 53       | 18                  | 34.0           | 67       | 23                  | 34.3           |
| Decatur    | 21       | 7                   | 33.3           | 22       | 3                   | 13.6           | 23       | 6                   | 26.1           |
| Douglas    | 529      | 88                  | 16.6           | 568      | 149                 | 26.2           | 605      | 135                 | 22.3           |
| Dickinson  | 101      | 45                  | 44.6           | 125      | 52                  | 41.6           | 128      | 44                  | 34.4           |
| Doniphan   | 38       | 13                  | 34.2           | 39       | 18                  | 46.2           | 45       | 12                  | 26.7           |
| Edwards    | 19       | 5                   | 26.3           | 12       | 5                   | 41.7           | 20       | 3                   | 15.0           |
| Elk        | 19       | 2                   | 10.5           | 24       | 5                   | 20.8           | 25       | 9                   | 36.0           |
| Ellis      | 122      | 11                  | 9.0            | 125      | 6                   | 4.8            | 141      | 8                   | 5.7            |
| Ellsworth  | 34       | 9                   | 26.5           | 19       | 9                   | 47.4           | 29       | 11                  | 37.9           |
| Finney     | 405      | 195                 | 48.1           | 494      | 193                 | 39.1           | 505      | 168                 | 33.3           |
| Ford       | 427      | 182                 | 42.6           | 455      | 131                 | 28.8           | 551      | 178                 | 32.3           |
| Franklin   | 171      | 59                  | 34.5           | 197      | 72                  | 36.5           | 196      | 72                  | 36.7           |
| Geary      | 232      | 54                  | 23.3           | 267      | 68                  | 25.5           | 262      | 49                  | 18.7           |
| Graham     | 17       | 8                   | 47.1           | 18       | 8                   | 44.4           | 10       | 5                   | 50.0           |
| Greeley    | 6        | 0                   | 0.0            | 10       | 3                   | 30.0           | 11       | 4                   | 36.4           |
| Gove       | 21       | 0                   | 0.0            | 12       | 0                   | 0.0            | 23       | 2                   | 8.7            |

Childhood Lead Poisoning in Kansas

Table 9: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2018-2020 (*continued*)

| County      | 2020     |        |                | 2019     |        |                | 2018     |        |                |
|-------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|             | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|             | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Grant       | 84       | 19     | 22.6           | 78       | 17     | 21.8           | 82       | 18     | 22.0           |
| Greenwood   | 28       | 12     | 42.9           | 36       | 7      | 19.4           | 45       | 12     | 26.7           |
| Gray        | 41       | 13     | 31.7           | 51       | 17     | 33.3           | 40       | 20     | 50.0           |
| Hodgeman    | 8        | 0      | 0.0            | 9        | 4      | 44.4           | 12       | 6      | 50.0           |
| Hamilton    | 24       | 6      | 25.0           | 23       | 4      | 17.4           | 23       | 5      | 21.7           |
| Harper      | 39       | 10     | 25.6           | 47       | 8      | 17.0           | 49       | 10     | 20.4           |
| Haskell     | 34       | 10     | 29.4           | 38       | 11     | 28.9           | 37       | 7      | 18.9           |
| Harvey      | 209      | 127    | 60.8           | 244      | 111    | 45.5           | 229      | 129    | 56.3           |
| Jackson     | 103      | 13     | 12.6           | 141      | 29     | 20.6           | 149      | 42     | 28.2           |
| Jefferson   | 89       | 20     | 22.5           | 108      | 21     | 19.4           | 95       | 31     | 32.6           |
| Johnson     | 1951     | 875    | 44.8           | 2147     | 902    | 42.0           | 2273     | 961    | 42.3           |
| Jewell      | 15       | 1      | 6.7            | 20       | 1      | 5.0            | 17       | 1      | 5.9            |
| Kearny      | 24       | 16     | 66.7           | 36       | 10     | 27.8           | 31       | 13     | 41.9           |
| Kingman     | 37       | 11     | 29.7           | 47       | 14     | 29.8           | 41       | 13     | 31.7           |
| Kiowa       | 26       | 1      | 3.8            | 25       | 2      | 8.0            | 25       | 2      | 8.0            |
| Labette     | 186      | 29     | 15.6           | 187      | 39     | 20.9           | 201      | 46     | 22.9           |
| Lincoln     | 15       | 4      | 26.7           | 13       | 7      | 53.8           | 29       | 6      | 20.7           |
| Lane        | 15       | 3      | 20.0           | 11       | 5      | 45.5           | 13       | 2      | 15.4           |
| Logan       | 20       | 2      | 10.0           | 26       | 2      | 7.7            | 27       | 5      | 18.5           |
| Linn        | 78       | 24     | 30.8           | 62       | 25     | 40.3           | 63       | 24     | 38.1           |
| Leavenworth | 354      | 196    | 55.4           | 426      | 201    | 47.2           | 445      | 236    | 53.0           |
| Lyon        | 208      | 115    | 55.3           | 241      | 119    | 49.4           | 250      | 120    | 48.0           |
| Mitchell    | 30       | 0      | 0.0            | 34       | 1      | 2.9            | 37       | 2      | 5.4            |
| Meade       | 36       | 5      | 13.9           | 36       | 17     | 47.2           | 32       | 9      | 28.1           |
| Montgomery  | 248      | 69     | 27.8           | 293      | 107    | 36.5           | 310      | 94     | 30.3           |
| Miami       | 156      | 49     | 31.4           | 209      | 67     | 32.1           | 179      | 78     | 43.6           |
| Marion      | 76       | 24     | 31.6           | 67       | 24     | 35.8           | 67       | 39     | 58.2           |
| McPherson   | 136      | 70     | 51.5           | 160      | 70     | 43.8           | 152      | 63     | 41.4           |
| Morris      | 27       | 7      | 25.9           | 32       | 9      | 28.1           | 37       | 14     | 37.8           |
| Marshall    | 69       | 16     | 23.2           | 68       | 28     | 41.2           | 59       | 26     | 44.1           |
| Morton      | 19       | 6      | 31.6           | 21       | 3      | 14.3           | 18       | 5      | 27.8           |
| Nemaha      | 44       | 11     | 25.0           | 57       | 4      | 7.0            | 50       | 13     | 26.0           |
| Neosho      | 116      | 50     | 43.1           | 135      | 71     | 52.6           | 140      | 61     | 43.6           |
| Ness        | 13       | 2      | 15.4           | 9        | 2      | 22.2           | 15       | 0      | 0.0            |
| Norton      | 28       | 9      | 32.1           | 48       | 6      | 12.5           | 38       | 6      | 15.8           |
| Osborne     | 19       | 3      | 15.8           | 25       | 1      | 4.0            | 26       | 6      | 23.1           |

Table 9: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2018-2020 (*continued*)

| County       | 2020     |        |                | 2019     |        |                | 2018     |        |                |
|--------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|              | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|              | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Osage        | 104      | 26     | 25.0           | 91       | 39     | 42.9           | 104      | 25     | 24.0           |
| Ottawa       | 45       | 15     | 33.3           | 31       | 22     | 71.0           | 29       | 7      | 24.1           |
| Phillips     | 26       | 4      | 15.4           | 24       | 1      | 4.2            | 31       | 5      | 16.1           |
| Pawnee       | 39       | 15     | 38.5           | 54       | 15     | 27.8           | 36       | 20     | 55.6           |
| Pratt        | 56       | 11     | 19.6           | 51       | 14     | 27.5           | 74       | 26     | 35.1           |
| Pottawatomie | 128      | 19     | 14.8           | 107      | 37     | 34.6           | 123      | 24     | 19.5           |
| Rawlins      | 12       | 1      | 8.3            | 19       | 2      | 10.5           | 16       | 5      | 31.2           |
| Rice         | 55       | 9      | 16.4           | 76       | 17     | 22.4           | 74       | 23     | 31.1           |
| Rush         | 18       | 2      | 11.1           | 16       | 6      | 37.5           | 11       | 6      | 54.5           |
| Riley        | 342      | 97     | 28.4           | 341      | 132    | 38.7           | 321      | 113    | 35.2           |
| Reno         | 429      | 177    | 41.3           | 464      | 202    | 43.5           | 475      | 202    | 42.5           |
| Rooks        | 28       | 0      | 0.0            | 36       | 7      | 19.4           | 31       | 11     | 35.5           |
| Republic     | 28       | 8      | 28.6           | 31       | 7      | 22.6           | 28       | 1      | 3.6            |
| Russell      | 48       | 5      | 10.4           | 56       | 13     | 23.2           | 51       | 6      | 11.8           |
| Saline       | 399      | 201    | 50.4           | 448      | 210    | 46.9           | 462      | 203    | 43.9           |
| Scott        | 37       | 7      | 18.9           | 33       | 17     | 51.5           | 34       | 6      | 17.6           |
| Sheridan     | 12       | 2      | 16.7           | 12       | 0      | 0.0            | 24       | 4      | 16.7           |
| Stafford     | 21       | 6      | 28.6           | 22       | 6      | 27.3           | 33       | 2      | 6.1            |
| Sedgwick     | 4104     | 1499   | 36.5           | 4487     | 1466   | 32.7           | 4627     | 1750   | 37.8           |
| Sherman      | 46       | 6      | 13.0           | 37       | 9      | 24.3           | 48       | 1      | 2.1            |
| Smith        | 15       | 0      | 0.0            | 20       | 0      | 0.0            | 27       | 3      | 11.1           |
| Shawnee      | 1346     | 410    | 30.5           | 1457     | 482    | 33.1           | 1555     | 483    | 31.1           |
| Stanton      | 12       | 2      | 16.7           | 14       | 0      | 0.0            | 18       | 4      | 22.2           |
| Sumner       | 166      | 23     | 13.9           | 168      | 31     | 18.5           | 147      | 27     | 18.4           |
| Stevens      | 44       | 13     | 29.5           | 49       | 19     | 38.8           | 51       | 21     | 41.2           |
| Seward       | 289      | 82     | 28.4           | 315      | 66     | 21.0           | 327      | 81     | 24.8           |
| Thomas       | 51       | 5      | 9.8            | 47       | 3      | 6.4            | 69       | 18     | 26.1           |
| Trego        | 14       | 3      | 21.4           | 13       | 2      | 15.4           | 14       | 2      | 14.3           |
| Wallace      | 17       | 4      | 23.5           | 6        | 0      | 0.0            | 11       | 0      | 0.0            |
| Wabaunsee    | 31       | 14     | 45.2           | 39       | 6      | 15.4           | 34       | 12     | 35.3           |
| Wichita      | 18       | 5      | 27.8           | 16       | 7      | 43.8           | 14       | 9      | 64.3           |
| Wilson       | 84       | 20     | 23.8           | 77       | 31     | 40.3           | 85       | 24     | 28.2           |
| Woodson      | 17       | 7      | 41.2           | 19       | 7      | 36.8           | 15       | 8      | 53.3           |
| Washington   | 21       | 9      | 42.9           | 34       | 8      | 23.5           | 25       | 9      | 36.0           |
| Wyandotte    | 2117     | 999    | 47.2           | 2275     | 1095   | 48.1           | 2406     | 1108   | 46.1           |

Table 9: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2018-2020 (*continued*)

| County         | 2020     |               |                   | 2019     |               |                   | 2018     |               |                   |
|----------------|----------|---------------|-------------------|----------|---------------|-------------------|----------|---------------|-------------------|
|                | Enrolled | and<br>Tested | Percent<br>Tested | Enrolled | and<br>Tested | Percent<br>Tested | Enrolled | and<br>Tested | Percent<br>Tested |
| State<br>Total | 19165    | 6903          | 36.0              | 21103    | 7501          | 35.5              | 21956    | 8008          | 36.5              |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.

Table 10: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2015-2017

| County     | 2017     |        |                | 2016     |        |                | 2015     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 306      | 115    | 37.6           | 275      | 97     | 35.3           | 244      | 106    | 43.4           |
| Anderson   | 74       | 21     | 28.4           | 80       | 18     | 22.5           | 70       | 25     | 35.7           |
| Atchison   | 136      | 49     | 36.0           | 149      | 64     | 43.0           | 142      | 64     | 45.1           |
| Barber     | 37       | 14     | 37.8           | 38       | 16     | 42.1           | 31       | 15     | 48.4           |
| Bourbon    | 165      | 58     | 35.2           | 178      | 61     | 34.3           | 171      | 62     | 36.3           |
| Brown      | 80       | 37     | 46.2           | 98       | 38     | 38.8           | 97       | 28     | 28.9           |
| Barton     | 272      | 87     | 32.0           | 248      | 124    | 50.0           | 252      | 99     | 39.3           |
| Butler     | 393      | 89     | 22.6           | 406      | 101    | 24.9           | 392      | 95     | 24.2           |
| Clark      | 11       | 8      | 72.7           | 10       | 0      | 0.0            | 23       | 4      | 17.4           |
| Cloud      | 84       | 28     | 33.3           | 64       | 29     | 45.3           | 72       | 25     | 34.7           |
| Coffey     | 50       | 21     | 42.0           | 58       | 16     | 27.6           | 62       | 19     | 30.6           |
| Cherokee   | 189      | 78     | 41.3           | 195      | 101    | 51.8           | 174      | 90     | 51.7           |
| Cowley     | 347      | 178    | 51.3           | 353      | 199    | 56.4           | 345      | 188    | 54.5           |
| Comanche   | 18       | 2      | 11.1           | 18       | 4      | 22.2           | 12       | 7      | 58.3           |
| Cheyenne   | 21       | 1      | 4.8            | 20       | 3      | 15.0           | 13       | 2      | 15.4           |
| Chautauqua | 31       | 12     | 38.7           | 28       | 19     | 67.9           | 31       | 21     | 67.7           |
| Crawford   | 351      | 168    | 47.9           | 382      | 149    | 39.0           | 356      | 151    | 42.4           |
| Chase      | 21       | 8      | 38.1           | 10       | 5      | 50.0           | 18       | 5      | 27.8           |
| Clay       | 52       | 31     | 59.6           | 66       | 26     | 39.4           | 62       | 29     | 46.8           |
| Decatur    | 17       | 4      | 23.5           | 30       | 4      | 13.3           | 30       | 4      | 13.3           |
| Douglas    | 623      | 92     | 14.8           | 627      | 102    | 16.3           | 642      | 108    | 16.8           |
| Dickinson  | 131      | 51     | 38.9           | 139      | 45     | 32.4           | 144      | 49     | 34.0           |
| Doniphan   | 44       | 16     | 36.4           | 43       | 17     | 39.5           | 45       | 16     | 35.6           |
| Edwards    | 17       | 6      | 35.3           | 32       | 7      | 21.9           | 21       | 9      | 42.9           |
| Elk        | 12       | 1      | 8.3            | 17       | 3      | 17.6           | 22       | 5      | 22.7           |
| Ellis      | 165      | 13     | 7.9            | 156      | 21     | 13.5           | 141      | 15     | 10.6           |
| Ellsworth  | 34       | 18     | 52.9           | 30       | 17     | 56.7           | 30       | 13     | 43.3           |
| Finney     | 521      | 252    | 48.4           | 504      | 252    | 50.0           | 518      | 233    | 45.0           |
| Ford       | 509      | 215    | 42.2           | 540      | 247    | 45.7           | 524      | 220    | 42.0           |
| Franklin   | 217      | 78     | 35.9           | 229      | 63     | 27.5           | 244      | 79     | 32.4           |
| Geary      | 239      | 44     | 18.4           | 253      | 67     | 26.5           | 218      | 68     | 31.2           |
| Graham     | 14       | 5      | 35.7           | 12       | 7      | 58.3           | 13       | 4      | 30.8           |
| Greeley    | 9        | 6      | 66.7           | 6        | 3      | 50.0           | 5        | 2      | 40.0           |
| Gove       | 25       | 6      | 24.0           | 21       | 8      | 38.1           | 16       | 5      | 31.2           |
| Grant      | 96       | 22     | 22.9           | 92       | 29     | 31.5           | 88       | 24     | 27.3           |
| Greenwood  | 43       | 9      | 20.9           | 48       | 10     | 20.8           | 42       | 13     | 31.0           |
| Gray       | 58       | 17     | 29.3           | 58       | 29     | 50.0           | 52       | 32     | 61.5           |

Table 10: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2015-2017 (*continued*)

| County      | 2017     |        |                | 2016     |        |                | 2015     |        |                |
|-------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|             | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|             | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Hodgeman    | 10       | 4      | 40.0           | 14       | 4      | 28.6           | 8        | 4      | 50.0           |
| Hamilton    | 21       | 10     | 47.6           | 28       | 8      | 28.6           | 31       | 10     | 32.3           |
| Harper      | 58       | 13     | 22.4           | 54       | 15     | 27.8           | 42       | 16     | 38.1           |
| Haskell     | 36       | 8      | 22.2           | 36       | 16     | 44.4           | 36       | 8      | 22.2           |
| Harvey      | 230      | 100    | 43.5           | 257      | 110    | 42.8           | 290      | 123    | 42.4           |
| Jackson     | 163      | 46     | 28.2           | 168      | 69     | 41.1           | 168      | 62     | 36.9           |
| Jefferson   | 102      | 24     | 23.5           | 96       | 25     | 26.0           | 115      | 16     | 13.9           |
| Johnson     | 2306     | 987    | 42.8           | 2392     | 1004   | 42.0           | 2328     | 950    | 40.8           |
| Jewell      | 18       | 7      | 38.9           | 18       | 3      | 16.7           | 15       | 3      | 20.0           |
| Kearny      | 48       | 12     | 25.0           | 35       | 19     | 54.3           | 48       | 8      | 16.7           |
| Kingman     | 53       | 17     | 32.1           | 46       | 30     | 65.2           | 46       | 19     | 41.3           |
| Kiowa       | 29       | 3      | 10.3           | 25       | 6      | 24.0           | 33       | 4      | 12.1           |
| Labette     | 193      | 61     | 31.6           | 214      | 64     | 29.9           | 205      | 64     | 31.2           |
| Lincoln     | 17       | 13     | 76.5           | 23       | 12     | 52.2           | 18       | 7      | 38.9           |
| Lane        | 6        | 3      | 50.0           | 14       | 1      | 7.1            | 12       | 2      | 16.7           |
| Logan       | 26       | 9      | 34.6           | 15       | 6      | 40.0           | 21       | 4      | 19.0           |
| Linn        | 77       | 22     | 28.6           | 79       | 24     | 30.4           | 66       | 27     | 40.9           |
| Leavenworth | 490      | 203    | 41.4           | 434      | 229    | 52.8           | 421      | 198    | 47.0           |
| Lyon        | 261      | 114    | 43.7           | 273      | 110    | 40.3           | 261      | 102    | 39.1           |
| Mitchell    | 33       | 5      | 15.2           | 39       | 10     | 25.6           | 30       | 12     | 40.0           |
| Meade       | 31       | 13     | 41.9           | 32       | 19     | 59.4           | 38       | 12     | 31.6           |
| Montgomery  | 345      | 110    | 31.9           | 361      | 148    | 41.0           | 329      | 112    | 34.0           |
| Miami       | 191      | 54     | 28.3           | 196      | 61     | 31.1           | 177      | 58     | 32.8           |
| Marion      | 64       | 25     | 39.1           | 74       | 24     | 32.4           | 79       | 35     | 44.3           |
| McPherson   | 157      | 75     | 47.8           | 156      | 88     | 56.4           | 145      | 71     | 49.0           |
| Morris      | 37       | 6      | 16.2           | 47       | 13     | 27.7           | 47       | 15     | 31.9           |
| Marshall    | 65       | 27     | 41.5           | 64       | 31     | 48.4           | 52       | 29     | 55.8           |
| Morton      | 25       | 6      | 24.0           | 25       | 4      | 16.0           | 27       | 6      | 22.2           |
| Nemaha      | 55       | 13     | 23.6           | 58       | 20     | 34.5           | 39       | 21     | 53.8           |
| Neosho      | 126      | 60     | 47.6           | 135      | 56     | 41.5           | 142      | 41     | 28.9           |
| Ness        | 20       | 5      | 25.0           | 12       | 2      | 16.7           | 13       | 3      | 23.1           |
| Norton      | 44       | 12     | 27.3           | 39       | 4      | 10.3           | 34       | 10     | 29.4           |
| Osborne     | 27       | 5      | 18.5           | 31       | 1      | 3.2            | 22       | 7      | 31.8           |
| Osage       | 102      | 40     | 39.2           | 118      | 31     | 26.3           | 117      | 42     | 35.9           |
| Ottawa      | 38       | 14     | 36.8           | 42       | 17     | 40.5           | 41       | 13     | 31.7           |
| Phillips    | 24       | 3      | 12.5           | 30       | 7      | 23.3           | 30       | 8      | 26.7           |
| Pawnee      | 45       | 23     | 51.1           | 46       | 21     | 45.7           | 45       | 31     | 68.9           |



Table 10: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2015-2017 (*continued*)

| County       | 2017     |        |                | 2016     |        |                | 2015     |        |                |
|--------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|              | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|              | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Pratt        | 84       | 34     | 40.5           | 71       | 28     | 39.4           | 82       | 22     | 26.8           |
| Pottawatomie | 137      | 37     | 27.0           | 136      | 36     | 26.5           | 129      | 49     | 38.0           |
| Rawlins      | 13       | 4      | 30.8           | 13       | 5      | 38.5           | 14       | 6      | 42.9           |
| Rice         | 65       | 26     | 40.0           | 73       | 23     | 31.5           | 78       | 18     | 23.1           |
| Rush         | 12       | 5      | 41.7           | 18       | 4      | 22.2           | 15       | 5      | 33.3           |
| Riley        | 339      | 114    | 33.6           | 312      | 163    | 52.2           | 300      | 127    | 42.3           |
| Reno         | 469      | 219    | 46.7           | 471      | 215    | 45.6           | 482      | 186    | 38.6           |
| Rooks        | 26       | 15     | 57.7           | 21       | 9      | 42.9           | 38       | 12     | 31.6           |
| Republic     | 36       | 2      | 5.6            | 40       | 9      | 22.5           | 29       | 6      | 20.7           |
| Russell      | 51       | 12     | 23.5           | 58       | 13     | 22.4           | 63       | 9      | 14.3           |
| Saline       | 503      | 264    | 52.5           | 513      | 248    | 48.3           | 485      | 215    | 44.3           |
| Scott        | 42       | 12     | 28.6           | 42       | 15     | 35.7           | 43       | 10     | 23.3           |
| Sheridan     | 14       | 11     | 78.6           | 15       | 1      | 6.7            | 5        | 4      | 80.0           |
| Stafford     | 30       | 8      | 26.7           | 35       | 8      | 22.9           | 31       | 8      | 25.8           |
| Sedgwick     | 4657     | 1856   | 39.9           | 4713     | 2039   | 43.3           | 4825     | 2070   | 42.9           |
| Sherman      | 55       | 2      | 3.6            | 51       | 7      | 13.7           | 44       | 9      | 20.5           |
| Smith        | 24       | 3      | 12.5           | 19       | 0      | 0.0            | 22       | 5      | 22.7           |
| Shawnee      | 1539     | 550    | 35.7           | 1619     | 561    | 34.7           | 1579     | 662    | 41.9           |
| Stanton      | 27       | 12     | 44.4           | 20       | 6      | 30.0           | 20       | 5      | 25.0           |
| Sumner       | 166      | 30     | 18.1           | 167      | 43     | 25.7           | 166      | 51     | 30.7           |
| Stevens      | 48       | 21     | 43.8           | 53       | 21     | 39.6           | 72       | 17     | 23.6           |
| Seward       | 326      | 106    | 32.5           | 376      | 116    | 30.9           | 344      | 96     | 27.9           |
| Thomas       | 61       | 17     | 27.9           | 62       | 16     | 25.8           | 58       | 26     | 44.8           |
| Trego        | 18       | 2      | 11.1           | 18       | 6      | 33.3           | 13       | 4      | 30.8           |
| Wallace      | 12       | 2      | 16.7           | 13       | 5      | 38.5           | 11       | 0      | 0.0            |
| Wabaunsee    | 27       | 7      | 25.9           | 37       | 9      | 24.3           | 39       | 9      | 23.1           |
| Wichita      | 15       | 8      | 53.3           | 18       | 13     | 72.2           | 26       | 8      | 30.8           |
| Wilson       | 69       | 24     | 34.8           | 76       | 25     | 32.9           | 71       | 24     | 33.8           |
| Woodson      | 20       | 3      | 15.0           | 16       | 5      | 31.2           | 16       | 2      | 12.5           |
| Washington   | 46       | 10     | 21.7           | 42       | 23     | 54.8           | 42       | 13     | 31.0           |
| Wyandotte    | 2401     | 1260   | 52.5           | 2485     | 1257   | 50.6           | 2400     | 1141   | 47.5           |
| State Total  | 22317    | 8688   | 38.9           | 22842    | 9242   | 40.5           | 22475    | 8906   | 39.6           |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.

Table 11: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2012-2014

| County     | 2014     |        |                | 2013     |        |                | 2012     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 214      | 80     | 37.4           | 212      | 77     | 36.3           | 204      | 64     | 31.4           |
| Anderson   | 65       | 14     | 21.5           | 61       | 21     | 34.4           | 59       | 23     | 39.0           |
| Atchison   | 146      | 46     | 31.5           | 138      | 63     | 45.7           | 143      | 72     | 50.3           |
| Barber     | 37       | 10     | 27.0           | 32       | 13     | 40.6           | 50       | 19     | 38.0           |
| Bourbon    | 159      | 45     | 28.3           | 176      | 51     | 29.0           | 175      | 54     | 30.9           |
| Brown      | 95       | 27     | 28.4           | 118      | 30     | 25.4           | 86       | 35     | 40.7           |
| Barton     | 254      | 58     | 22.8           | 246      | 90     | 36.6           | 275      | 75     | 27.3           |
| Butler     | 425      | 96     | 22.6           | 406      | 103    | 25.4           | 456      | 107    | 23.5           |
| Clark      | 18       | 8      | 44.4           | 16       | 3      | 18.8           | 17       | 5      | 29.4           |
| Cloud      | 77       | 28     | 36.4           | 70       | 22     | 31.4           | 86       | 18     | 20.9           |
| Coffey     | 56       | 19     | 33.9           | 72       | 17     | 23.6           | 69       | 29     | 42.0           |
| Cherokee   | 199      | 65     | 32.7           | 195      | 86     | 44.1           | 203      | 82     | 40.4           |
| Cowley     | 341      | 152    | 44.6           | 347      | 170    | 49.0           | 373      | 202    | 54.2           |
| Comanche   | 15       | 1      | 6.7            | 13       | 6      | 46.2           | 12       | 2      | 16.7           |
| Cheyenne   | 14       | 4      | 28.6           | 18       | 7      | 38.9           | 15       | 4      | 26.7           |
| Chautauqua | 22       | 15     | 68.2           | 29       | 14     | 48.3           | 23       | 19     | 82.6           |
| Crawford   | 335      | 118    | 35.2           | 365      | 162    | 44.4           | 376      | 136    | 36.2           |
| Chase      | 19       | 8      | 42.1           | 17       | 9      | 52.9           | 11       | 6      | 54.5           |
| Clay       | 64       | 29     | 45.3           | 61       | 35     | 57.4           | 53       | 27     | 50.9           |
| Decatur    | 27       | 6      | 22.2           | 18       | 7      | 38.9           | 22       | 2      | 9.1            |
| Douglas    | 643      | 105    | 16.3           | 631      | 144    | 22.8           | 658      | 129    | 19.6           |
| Dickinson  | 143      | 40     | 28.0           | 147      | 57     | 38.8           | 155      | 108    | 69.7           |
| Doniphan   | 58       | 18     | 31.0           | 43       | 20     | 46.5           | 49       | 14     | 28.6           |
| Edwards    | 23       | 8      | 34.8           | 27       | 10     | 37.0           | 26       | 9      | 34.6           |
| Elk        | 24       | 3      | 12.5           | 17       | 8      | 47.1           | 30       | 1      | 3.3            |
| Ellis      | 161      | 12     | 7.5            | 149      | 62     | 41.6           | 167      | 47     | 28.1           |
| Ellsworth  | 25       | 12     | 48.0           | 27       | 15     | 55.6           | 35       | 13     | 37.1           |
| Finney     | 543      | 200    | 36.8           | 545      | 201    | 36.9           | 584      | 168    | 28.8           |
| Ford       | 516      | 191    | 37.0           | 513      | 222    | 43.3           | 517      | 195    | 37.7           |
| Franklin   | 220      | 66     | 30.0           | 218      | 71     | 32.6           | 234      | 59     | 25.2           |
| Geary      | 243      | 62     | 25.5           | 244      | 74     | 30.3           | 258      | 83     | 32.2           |
| Graham     | 16       | 2      | 12.5           | 25       | 10     | 40.0           | 15       | 7      | 46.7           |
| Greeley    | 8        | 5      | 62.5           | 14       | 4      | 28.6           | 9        | 7      | 77.8           |
| Gove       | 17       | 2      | 11.8           | 21       | 5      | 23.8           | 20       | 4      | 20.0           |
| Grant      | 80       | 17     | 21.2           | 89       | 17     | 19.1           | 99       | 15     | 15.2           |
| Greenwood  | 44       | 14     | 31.8           | 44       | 21     | 47.7           | 50       | 18     | 36.0           |
| Gray       | 56       | 19     | 33.9           | 46       | 14     | 30.4           | 65       | 15     | 23.1           |

Table 11: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2012-2014 (*continued*)

| County      | 2014     |        |                | 2013     |        |                | 2012     |        |                |
|-------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|             | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|             | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Hodgeman    | 6        | 0      | 0.0            | 12       | 2      | 16.7           | 10       | 7      | 70.0           |
| Hamilton    | 30       | 9      | 30.0           | 31       | 9      | 29.0           | 29       | 10     | 34.5           |
| Harper      | 41       | 8      | 19.5           | 63       | 10     | 15.9           | 43       | 17     | 39.5           |
| Haskell     | 38       | 10     | 26.3           | 44       | 19     | 43.2           | 42       | 9      | 21.4           |
| Harvey      | 258      | 129    | 50.0           | 244      | 116    | 47.5           | 282      | 105    | 37.2           |
| Jackson     | 161      | 42     | 26.1           | 162      | 43     | 26.5           | 128      | 53     | 41.4           |
| Jefferson   | 95       | 30     | 31.6           | 119      | 21     | 17.6           | 117      | 28     | 23.9           |
| Johnson     | 2416     | 919    | 38.0           | 2371     | 941    | 39.7           | 2467     | 839    | 34.0           |
| Jewell      | 15       | 1      | 6.7            | 9        | 3      | 33.3           | 22       | 6      | 27.3           |
| Kearny      | 50       | 19     | 38.0           | 44       | 19     | 43.2           | 53       | 13     | 24.5           |
| Kingman     | 40       | 25     | 62.5           | 39       | 13     | 33.3           | 38       | 15     | 39.5           |
| Kiowa       | 19       | 3      | 15.8           | 25       | 4      | 16.0           | 21       | 4      | 19.0           |
| Labette     | 230      | 73     | 31.7           | 192      | 75     | 39.1           | 212      | 68     | 32.1           |
| Lincoln     | 22       | 5      | 22.7           | 17       | 7      | 41.2           | 25       | 5      | 20.0           |
| Lane        | 11       | 5      | 45.5           | 14       | 3      | 21.4           | 6        | 2      | 33.3           |
| Logan       | 17       | 5      | 29.4           | 28       | 6      | 21.4           | 20       | 7      | 35.0           |
| Linn        | 69       | 33     | 47.8           | 69       | 31     | 44.9           | 89       | 27     | 30.3           |
| Leavenworth | 450      | 176    | 39.1           | 403      | 213    | 52.9           | 430      | 196    | 45.6           |
| Lyon        | 258      | 106    | 41.1           | 265      | 105    | 39.6           | 267      | 117    | 43.8           |
| Mitchell    | 37       | 7      | 18.9           | 35       | 11     | 31.4           | 28       | 20     | 71.4           |
| Meade       | 39       | 13     | 33.3           | 40       | 17     | 42.5           | 36       | 19     | 52.8           |
| Montgomery  | 398      | 120    | 30.2           | 359      | 138    | 38.4           | 366      | 105    | 28.7           |
| Miami       | 196      | 60     | 30.6           | 209      | 100    | 47.8           | 196      | 55     | 28.1           |
| Marion      | 61       | 27     | 44.3           | 57       | 25     | 43.9           | 79       | 33     | 41.8           |
| McPherson   | 175      | 42     | 24.0           | 152      | 64     | 42.1           | 157      | 44     | 28.0           |
| Morris      | 35       | 12     | 34.3           | 39       | 7      | 17.9           | 43       | 15     | 34.9           |
| Marshall    | 49       | 12     | 24.5           | 55       | 27     | 49.1           | 48       | 32     | 66.7           |
| Morton      | 26       | 3      | 11.5           | 24       | 3      | 12.5           | 24       | 2      | 8.3            |
| Nemaha      | 42       | 16     | 38.1           | 45       | 17     | 37.8           | 59       | 25     | 42.4           |
| Neosho      | 159      | 50     | 31.4           | 144      | 62     | 43.1           | 158      | 64     | 40.5           |
| Ness        | 15       | 2      | 13.3           | 10       | 6      | 60.0           | 12       | 3      | 25.0           |
| Norton      | 38       | 10     | 26.3           | 41       | 18     | 43.9           | 34       | 6      | 17.6           |
| Osborne     | 18       | 3      | 16.7           | 12       | 3      | 25.0           | 16       | 4      | 25.0           |
| Osage       | 118      | 31     | 26.3           | 98       | 33     | 33.7           | 111      | 32     | 28.8           |
| Ottawa      | 36       | 13     | 36.1           | 33       | 19     | 57.6           | 47       | 12     | 25.5           |
| Phillips    | 26       | 1      | 3.8            | 25       | 9      | 36.0           | 33       | 6      | 18.2           |
| Pawnee      | 52       | 15     | 28.8           | 46       | 25     | 54.3           | 53       | 29     | 54.7           |

Childhood Lead Poisoning in Kansas

Table 11: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2012-2014 (*continued*)

| County       | 2014     |        |                | 2013     |        |                | 2012     |        |                |
|--------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|              | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|              | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Pratt        | 70       | 15     | 21.4           | 79       | 29     | 36.7           | 76       | 43     | 56.6           |
| Pottawatomie | 127      | 37     | 29.1           | 117      | 39     | 33.3           | 134      | 37     | 27.6           |
| Rawlins      | 19       | 9      | 47.4           | 9        | 7      | 77.8           | 15       | 2      | 13.3           |
| Rice         | 84       | 19     | 22.6           | 96       | 20     | 20.8           | 88       | 17     | 19.3           |
| Rush         | 11       | 7      | 63.6           | 12       | 3      | 25.0           | 20       | 5      | 25.0           |
| Riley        | 304      | 103    | 33.9           | 317      | 113    | 35.6           | 329      | 146    | 44.4           |
| Reno         | 446      | 187    | 41.9           | 493      | 218    | 44.2           | 501      | 192    | 38.3           |
| Rooks        | 41       | 5      | 12.2           | 35       | 22     | 62.9           | 40       | 18     | 45.0           |
| Republic     | 33       | 5      | 15.2           | 23       | 3      | 13.0           | 33       | 8      | 24.2           |
| Russell      | 49       | 7      | 14.3           | 53       | 14     | 26.4           | 55       | 17     | 30.9           |
| Saline       | 536      | 194    | 36.2           | 535      | 213    | 39.8           | 546      | 221    | 40.5           |
| Scott        | 50       | 12     | 24.0           | 54       | 11     | 20.4           | 42       | 9      | 21.4           |
| Sheridan     | 11       | 2      | 18.2           | 12       | 4      | 33.3           | 9        | 5      | 55.6           |
| Stafford     | 37       | 3      | 8.1            | 23       | 13     | 56.5           | 22       | 7      | 31.8           |
| Sedgwick     | 4950     | 2170   | 43.8           | 5113     | 2234   | 43.7           | 5345     | 2001   | 37.4           |
| Sherman      | 62       | 7      | 11.3           | 45       | 18     | 40.0           | 53       | 16     | 30.2           |
| Smith        | 21       | 5      | 23.8           | 20       | 9      | 45.0           | 20       | 7      | 35.0           |
| Shawnee      | 1646     | 578    | 35.1           | 1646     | 532    | 32.3           | 1670     | 581    | 34.8           |
| Stanton      | 19       | 0      | 0.0            | 22       | 3      | 13.6           | 32       | 3      | 9.4            |
| Sumner       | 190      | 50     | 26.3           | 187      | 47     | 25.1           | 198      | 43     | 21.7           |
| Stevens      | 58       | 16     | 27.6           | 63       | 14     | 22.2           | 57       | 19     | 33.3           |
| Seward       | 391      | 57     | 14.6           | 374      | 111    | 29.7           | 394      | 97     | 24.6           |
| Thomas       | 63       | 18     | 28.6           | 56       | 19     | 33.9           | 59       | 19     | 32.2           |
| Trego        | 9        | 5      | 55.6           | 11       | 6      | 54.5           | 6        | 4      | 66.7           |
| Wallace      | 10       | 4      | 40.0           | 15       | 0      | 0.0            | 11       | 3      | 27.3           |
| Wabaunsee    | 45       | 11     | 24.4           | 33       | 12     | 36.4           | 32       | 9      | 28.1           |
| Wichita      | 16       | 7      | 43.8           | 17       | 9      | 52.9           | 18       | 7      | 38.9           |
| Wilson       | 105      | 32     | 30.5           | 107      | 34     | 31.8           | 85       | 25     | 29.4           |
| Woodson      | 21       | 5      | 23.8           | 20       | 4      | 20.0           | 26       | 3      | 11.5           |
| Washington   | 38       | 10     | 26.3           | 34       | 9      | 26.5           | 34       | 11     | 32.4           |
| Wyandotte    | 2469     | 1055   | 42.7           | 2386     | 1094   | 45.9           | 2494     | 1062   | 42.6           |
| State Total  | 23079    | 8275   | 35.9           | 22992    | 9029   | 39.3           | 23924    | 8544   | 35.7           |

Source: Kansas Department of Health and Environment, Division of Health Care Finance.

Table 12: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2010-2011

| County     | 2011     |        |                | 2010     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 203      | 46     | 22.7           | 223      | 72     | 32.3           |
| Anderson   | 67       | 16     | 23.9           | 64       | 34     | 53.1           |
| Atchison   | 144      | 68     | 47.2           | 125      | 66     | 52.8           |
| Barber     | 38       | 19     | 50.0           | 42       | 17     | 40.5           |
| Bourbon    | 176      | 54     | 30.7           | 177      | 51     | 28.8           |
| Brown      | 111      | 31     | 27.9           | 118      | 23     | 19.5           |
| Barton     | 255      | 97     | 38.0           | 275      | 80     | 29.1           |
| Butler     | 469      | 117    | 24.9           | 435      | 118    | 27.1           |
| Clark      | 18       | 4      | 22.2           | 16       | 6      | 37.5           |
| Cloud      | 82       | 26     | 31.7           | 62       | 25     | 40.3           |
| Coffey     | 65       | 37     | 56.9           | 57       | 15     | 26.3           |
| Cherokee   | 214      | 84     | 39.3           | 204      | 78     | 38.2           |
| Cowley     | 349      | 178    | 51.0           | 365      | 140    | 38.4           |
| Comanche   | 11       | 4      | 36.4           | 6        | 3      | 50.0           |
| Cheyenne   | 12       | 4      | 33.3           | 19       | 2      | 10.5           |
| Chautauqua | 31       | 5      | 16.1           | 37       | 11     | 29.7           |
| Crawford   | 373      | 128    | 34.3           | 360      | 134    | 37.2           |
| Chase      | 16       | 4      | 25.0           | 14       | 4      | 28.6           |
| Clay       | 54       | 25     | 46.3           | 56       | 29     | 51.8           |
| Decatur    | 20       | 1      | 5.0            | 15       | 2      | 13.3           |
| Douglas    | 614      | 128    | 20.8           | 590      | 122    | 20.7           |
| Dickinson  | 151      | 100    | 66.2           | 145      | 68     | 46.9           |
| Doniphan   | 44       | 5      | 11.4           | 43       | 8      | 18.6           |
| Edwards    | 25       | 11     | 44.0           | 24       | 8      | 33.3           |
| Elk        | 22       | 7      | 31.8           | 20       | 3      | 15.0           |
| Ellis      | 170      | 31     | 18.2           | 146      | 57     | 39.0           |
| Ellsworth  | 26       | 16     | 61.5           | 28       | 12     | 42.9           |
| Finney     | 608      | 149    | 24.5           | 540      | 165    | 30.6           |
| Ford       | 511      | 205    | 40.1           | 496      | 198    | 39.9           |
| Franklin   | 219      | 68     | 31.1           | 209      | 77     | 36.8           |
| Geary      | 252      | 74     | 29.4           | 254      | 67     | 26.4           |
| Graham     | 19       | 6      | 31.6           | 14       | 3      | 21.4           |
| Greeley    | 12       | 4      | 33.3           | 9        | 3      | 33.3           |
| Gove       | 25       | 6      | 24.0           | 17       | 6      | 35.3           |
| Grant      | 111      | 7      | 6.3            | 102      | 19     | 18.6           |
| Greenwood  | 48       | 22     | 45.8           | 60       | 24     | 40.0           |
| Gray       | 46       | 22     | 47.8           | 51       | 13     | 25.5           |

Table 12: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2010-2011 *(continued)*

| County      | 2011     |                     |                | 2010     |                     |                |
|-------------|----------|---------------------|----------------|----------|---------------------|----------------|
|             | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Hodgeman    | 4        | 8                   | 200.0          | 13       | 1                   | 7.7            |
| Hamilton    | 36       | 10                  | 27.8           | 26       | 4                   | 15.4           |
| Harper      | 46       | 9                   | 19.6           | 44       | 12                  | 27.3           |
| Haskell     | 41       | 12                  | 29.3           | 59       | 16                  | 27.1           |
| Harvey      | 293      | 114                 | 38.9           | 255      | 71                  | 27.8           |
| Jackson     | 128      | 37                  | 28.9           | 134      | 46                  | 34.3           |
| Jefferson   | 105      | 26                  | 24.8           | 94       | 32                  | 34.0           |
| Johnson     | 2341     | 919                 | 39.3           | 2260     | 790                 | 35.0           |
| Jewell      | 13       | 6                   | 46.2           | 13       | 2                   | 15.4           |
| Kearny      | 33       | 20                  | 60.6           | 39       | 10                  | 25.6           |
| Kingman     | 28       | 10                  | 35.7           | 34       | 2                   | 5.9            |
| Kiowa       | 19       | 6                   | 31.6           | 15       | 4                   | 26.7           |
| Labette     | 212      | 70                  | 33.0           | 198      | 74                  | 37.4           |
| Lincoln     | 25       | 3                   | 12.0           | 31       | 13                  | 41.9           |
| Lane        | 9        | 2                   | 22.2           | 10       | 2                   | 20.0           |
| Logan       | 12       | 6                   | 50.0           | 16       | 1                   | 6.2            |
| Linn        | 67       | 35                  | 52.2           | 70       | 29                  | 41.4           |
| Leavenworth | 411      | 202                 | 49.1           | 409      | 194                 | 47.4           |
| Lyon        | 299      | 95                  | 31.8           | 280      | 115                 | 41.1           |
| Mitchell    | 38       | 14                  | 36.8           | 31       | 16                  | 51.6           |
| Meade       | 36       | 15                  | 41.7           | 46       | 20                  | 43.5           |
| Montgomery  | 370      | 107                 | 28.9           | 349      | 88                  | 25.2           |
| Miami       | 182      | 54                  | 29.7           | 152      | 50                  | 32.9           |
| Marion      | 70       | 36                  | 51.4           | 74       | 17                  | 23.0           |
| McPherson   | 167      | 47                  | 28.1           | 175      | 46                  | 26.3           |
| Morris      | 29       | 17                  | 58.6           | 34       | 5                   | 14.7           |
| Marshall    | 51       | 30                  | 58.8           | 67       | 31                  | 46.3           |
| Morton      | 26       | 4                   | 15.4           | 26       | 3                   | 11.5           |
| Nemaha      | 60       | 29                  | 48.3           | 44       | 27                  | 61.4           |
| Neosho      | 144      | 73                  | 50.7           | 154      | 48                  | 31.2           |
| Ness        | 12       | 1                   | 8.3            | 13       | 3                   | 23.1           |
| Norton      | 31       | 6                   | 19.4           | 34       | 5                   | 14.7           |
| Osborne     | 19       | 5                   | 26.3           | 18       | 5                   | 27.8           |
| Osage       | 122      | 33                  | 27.0           | 109      | 42                  | 38.5           |
| Ottawa      | 41       | 29                  | 70.7           | 54       | 17                  | 31.5           |
| Phillips    | 31       | 9                   | 29.0           | 30       | 4                   | 13.3           |
| Pawnee      | 46       | 24                  | 52.2           | 33       | 14                  | 42.4           |

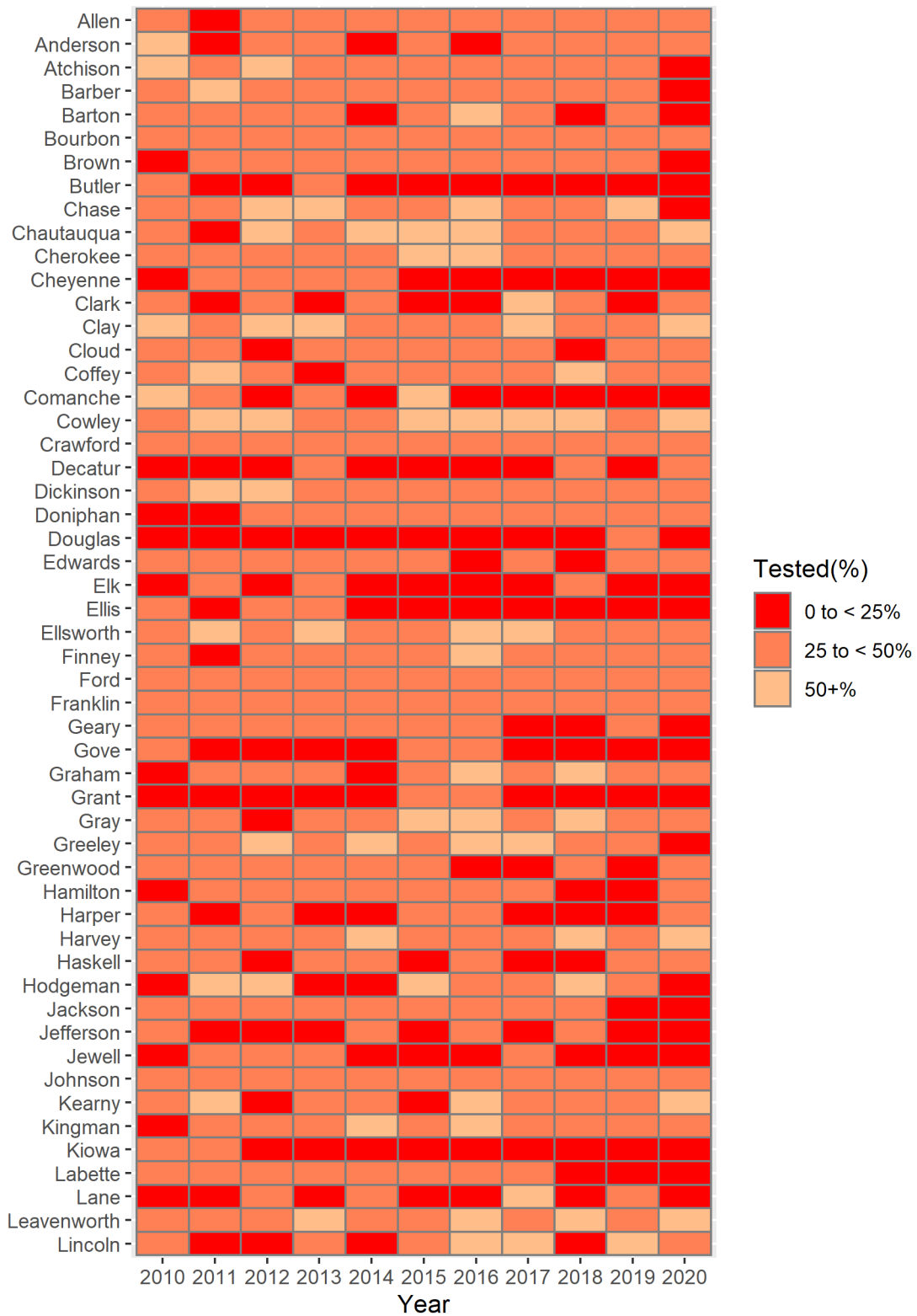
Table 12: Blood Lead Testing for Medicaid Recipients Aged 12 to less than 24 Months by County, 2010-2011 (*continued*)

| County       | 2011     |                     |                | 2010     |                     |                |
|--------------|----------|---------------------|----------------|----------|---------------------|----------------|
|              | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Pratt        | 71       | 37                  | 52.1           | 68       | 29                  | 42.6           |
| Pottawatomie | 120      | 50                  | 41.7           | 141      | 36                  | 25.5           |
| Rawlins      | 22       | 4                   | 18.2           | 9        | 4                   | 44.4           |
| Rice         | 84       | 29                  | 34.5           | 73       | 21                  | 28.8           |
| Rush         | 16       | 11                  | 68.8           | 16       | 8                   | 50.0           |
| Riley        | 319      | 113                 | 35.4           | 314      | 136                 | 43.3           |
| Reno         | 539      | 206                 | 38.2           | 514      | 209                 | 40.7           |
| Rooks        | 42       | 17                  | 40.5           | 27       | 20                  | 74.1           |
| Republic     | 32       | 13                  | 40.6           | 34       | 9                   | 26.5           |
| Russell      | 53       | 18                  | 34.0           | 59       | 15                  | 25.4           |
| Saline       | 529      | 229                 | 43.3           | 518      | 249                 | 48.1           |
| Scott        | 49       | 9                   | 18.4           | 44       | 10                  | 22.7           |
| Sheridan     | 12       | 3                   | 25.0           | 13       | 3                   | 23.1           |
| Stafford     | 30       | 8                   | 26.7           | 41       | 8                   | 19.5           |
| Sedgwick     | 5379     | 2199                | 40.9           | 5123     | 2129                | 41.6           |
| Sherman      | 47       | 20                  | 42.6           | 52       | 15                  | 28.8           |
| Smith        | 29       | 6                   | 20.7           | 19       | 9                   | 47.4           |
| Shawnee      | 1606     | 550                 | 34.2           | 1600     | 498                 | 31.1           |
| Stanton      | 27       | 3                   | 11.1           | 36       | 3                   | 8.3            |
| Sumner       | 192      | 38                  | 19.8           | 192      | 39                  | 20.3           |
| Stevens      | 67       | 18                  | 26.9           | 60       | 18                  | 30.0           |
| Seward       | 455      | 62                  | 13.6           | 434      | 133                 | 30.6           |
| Thomas       | 59       | 16                  | 27.1           | 50       | 12                  | 24.0           |
| Trego        | 15       | 2                   | 13.3           | 19       | 6                   | 31.6           |
| Wallace      | 10       | 1                   | 10.0           | 5        | 4                   | 80.0           |
| Wabaunsee    | 27       | 6                   | 22.2           | 30       | 7                   | 23.3           |
| Wichita      | 18       | 13                  | 72.2           | 18       | 15                  | 83.3           |
| Wilson       | 92       | 28                  | 30.4           | 83       | 26                  | 31.3           |
| Woodson      | 27       | 6                   | 22.2           | 18       | 12                  | 66.7           |
| Washington   | 31       | 10                  | 32.3           | 29       | 10                  | 34.5           |
| Wyandotte    | 2488     | 993                 | 39.9           | 2345     | 1014                | 43.2           |
| State Total  | 23695    | 8650                | 36.5           | 22845    | 8329                | 36.5           |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.

Childhood Lead Poisoning in Kansas

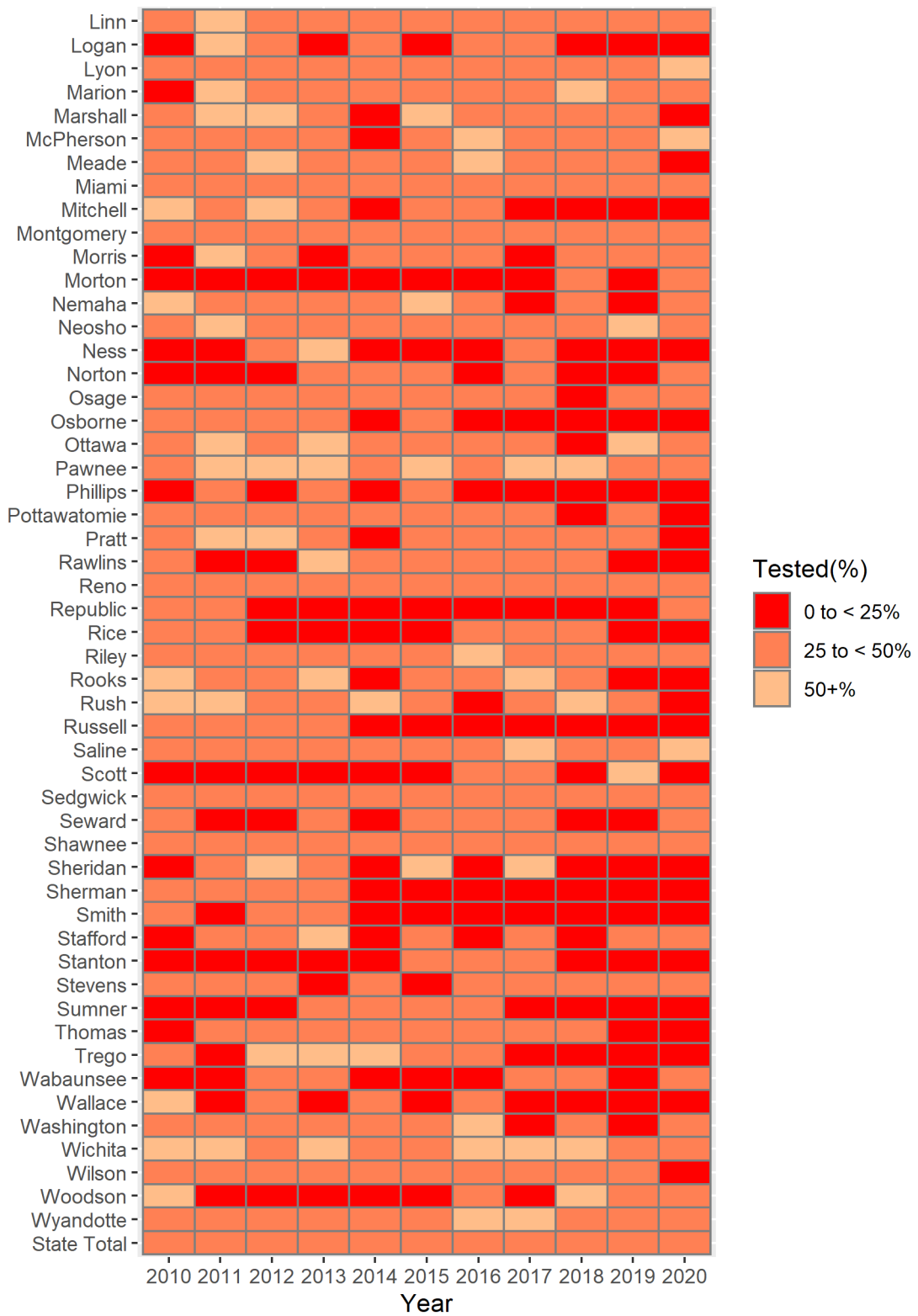
Figure 5: Percent of Medicaid Recipients Aged 12 to less than 24 Months Tested for Blood Lead by County, 2010-2020





# Childhood Lead Poisoning in Kansas

Percent of Medicaid Recipients Aged 12 to less than 24 Months Tested for Blood Lead by County, 2010-2020 *(continued)*



## Appendix C: Blood Lead Testing for Medicaid Recipients 24 to < 36 months of Age

Table 13: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2018-2020

| County     | 2020     |        |                | 2019     |        |                | 2018     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 224      | 24     | 10.7           | 256      | 24     | 9.4            | 337      | 41     | 12.2           |
| Anderson   | 61       | 5      | 8.2            | 75       | 16     | 21.3           | 77       | 6      | 7.8            |
| Atchison   | 114      | 10     | 8.8            | 135      | 5      | 3.7            | 136      | 22     | 16.2           |
| Barber     | 34       | 2      | 5.9            | 39       | 8      | 20.5           | 35       | 11     | 31.4           |
| Bourbon    | 136      | 10     | 7.4            | 148      | 12     | 8.1            | 156      | 9      | 5.8            |
| Brown      | 92       | 5      | 5.4            | 77       | 4      | 5.2            | 77       | 12     | 15.6           |
| Barton     | 193      | 21     | 10.9           | 239      | 30     | 12.6           | 251      | 22     | 8.8            |
| Butler     | 354      | 28     | 7.9            | 369      | 40     | 10.8           | 375      | 53     | 14.1           |
| Clark      | 9        | 1      | 11.1           | 11       | 2      | 18.2           | 10       | 0      | 0.0            |
| Cloud      | 61       | 10     | 16.4           | 65       | 8      | 12.3           | 85       | 23     | 27.1           |
| Coffey     | 67       | 1      | 1.5            | 47       | 1      | 2.1            | 50       | 4      | 8.0            |
| Cherokee   | 158      | 43     | 27.2           | 173      | 46     | 26.6           | 185      | 53     | 28.6           |
| Cowley     | 303      | 35     | 11.6           | 305      | 55     | 18.0           | 324      | 76     | 23.5           |
| Comanche   | 8        | 0      | 0.0            | 10       | 1      | 10.0           | 20       | 1      | 5.0            |
| Cheyenne   | 20       | 1      | 5.0            | 16       | 1      | 6.2            | 17       | 0      | 0.0            |
| Chautauqua | 24       | 11     | 45.8           | 24       | 4      | 16.7           | 27       | 3      | 11.1           |
| Crawford   | 364      | 64     | 17.6           | 376      | 103    | 27.4           | 344      | 110    | 32.0           |
| Chase      | 14       | 2      | 14.3           | 14       | 2      | 14.3           | 20       | 2      | 10.0           |
| Clay       | 55       | 13     | 23.6           | 61       | 16     | 26.2           | 49       | 8      | 16.3           |
| Decatur    | 19       | 4      | 21.1           | 24       | 0      | 0.0            | 13       | 3      | 23.1           |
| Douglas    | 521      | 50     | 9.6            | 575      | 66     | 11.5           | 591      | 85     | 14.4           |
| Dickinson  | 128      | 18     | 14.1           | 117      | 29     | 24.8           | 135      | 23     | 17.0           |
| Doniphan   | 35       | 8      | 22.9           | 46       | 7      | 15.2           | 49       | 7      | 14.3           |
| Edwards    | 15       | 2      | 13.3           | 18       | 3      | 16.7           | 18       | 1      | 5.6            |
| Elk        | 19       | 1      | 5.3            | 27       | 1      | 3.7            | 13       | 1      | 7.7            |
| Ellis      | 112      | 3      | 2.7            | 145      | 8      | 5.5            | 149      | 9      | 6.0            |
| Ellsworth  | 21       | 8      | 38.1           | 29       | 6      | 20.7           | 31       | 5      | 16.1           |
| Finney     | 435      | 37     | 8.5            | 456      | 46     | 10.1           | 490      | 30     | 6.1            |
| Ford       | 420      | 117    | 27.9           | 533      | 148    | 27.8           | 473      | 180    | 38.1           |
| Franklin   | 173      | 16     | 9.2            | 185      | 28     | 15.1           | 202      | 27     | 13.4           |
| Geary      | 242      | 18     | 7.4            | 230      | 13     | 5.7            | 219      | 12     | 5.5            |
| Graham     | 16       | 7      | 43.8           | 12       | 7      | 58.3           | 14       | 3      | 21.4           |
| Greeley    | 12       | 0      | 0.0            | 8        | 2      | 25.0           | 10       | 0      | 0.0            |
| Gove       | 11       | 1      | 9.1            | 22       | 0      | 0.0            | 27       | 2      | 7.4            |

Table 13: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2018-2020 *(continued)*

| County      | 2020         |        |                | 2019         |        |                | 2018         |        |                |
|-------------|--------------|--------|----------------|--------------|--------|----------------|--------------|--------|----------------|
|             | Enrolled and |        | Percent Tested | Enrolled and |        | Percent Tested | Enrolled and |        | Percent Tested |
|             | Enrolled     | Tested |                | Enrolled     | Tested |                | Enrolled     | Tested |                |
| Grant       | 76           | 6      | 7.9            | 72           | 5      | 6.9            | 85           | 9      | 10.6           |
| Greenwood   | 29           | 1      | 3.4            | 43           | 3      | 7.0            | 39           | 7      | 17.9           |
| Gray        | 45           | 5      | 11.1           | 38           | 8      | 21.1           | 52           | 5      | 9.6            |
| Hodgeman    | 9            | 0      | 0.0            | 12           | 2      | 16.7           | 11           | 4      | 36.4           |
| Hamilton    | 16           | 1      | 6.2            | 19           | 2      | 10.5           | 20           | 1      | 5.0            |
| Harper      | 42           | 4      | 9.5            | 45           | 6      | 13.3           | 51           | 7      | 13.7           |
| Haskell     | 38           | 1      | 2.6            | 35           | 0      | 0.0            | 35           | 2      | 5.7            |
| Harvey      | 222          | 19     | 8.6            | 222          | 24     | 10.8           | 236          | 37     | 15.7           |
| Jackson     | 112          | 5      | 4.5            | 142          | 17     | 12.0           | 141          | 20     | 14.2           |
| Jefferson   | 112          | 3      | 2.7            | 91           | 12     | 13.2           | 94           | 10     | 10.6           |
| Johnson     | 2016         | 278    | 13.8           | 2160         | 330    | 15.3           | 2159         | 407    | 18.9           |
| Jewell      | 19           | 0      | 0.0            | 19           | 0      | 0.0            | 17           | 0      | 0.0            |
| Kearny      | 36           | 2      | 5.6            | 28           | 4      | 14.3           | 41           | 1      | 2.4            |
| Kingman     | 44           | 8      | 18.2           | 39           | 7      | 17.9           | 53           | 6      | 11.3           |
| Kiowa       | 25           | 2      | 8.0            | 25           | 0      | 0.0            | 27           | 1      | 3.7            |
| Labette     | 182          | 16     | 8.8            | 194          | 25     | 12.9           | 182          | 18     | 9.9            |
| Lincoln     | 11           | 4      | 36.4           | 26           | 5      | 19.2           | 15           | 7      | 46.7           |
| Lane        | 10           | 1      | 10.0           | 10           | 0      | 0.0            | 7            | 0      | 0.0            |
| Logan       | 24           | 3      | 12.5           | 26           | 4      | 15.4           | 23           | 2      | 8.7            |
| Linn        | 56           | 6      | 10.7           | 58           | 7      | 12.1           | 71           | 3      | 4.2            |
| Leavenworth | 391          | 114    | 29.2           | 411          | 165    | 40.1           | 469          | 171    | 36.5           |
| Lyon        | 224          | 15     | 6.7            | 224          | 22     | 9.8            | 248          | 36     | 14.5           |
| Mitchell    | 31           | 3      | 9.7            | 37           | 1      | 2.7            | 36           | 2      | 5.6            |
| Meade       | 31           | 2      | 6.5            | 30           | 7      | 23.3           | 28           | 4      | 14.3           |
| Montgomery  | 279          | 40     | 14.3           | 295          | 34     | 11.5           | 335          | 34     | 10.1           |
| Miami       | 189          | 13     | 6.9            | 171          | 14     | 8.2            | 177          | 27     | 15.3           |
| Marion      | 55           | 5      | 9.1            | 68           | 8      | 11.8           | 70           | 8      | 11.4           |
| McPherson   | 138          | 39     | 28.3           | 156          | 33     | 21.2           | 150          | 33     | 22.0           |
| Morris      | 33           | 1      | 3.0            | 33           | 3      | 9.1            | 37           | 1      | 2.7            |
| Marshall    | 63           | 5      | 7.9            | 59           | 5      | 8.5            | 66           | 10     | 15.2           |
| Morton      | 20           | 0      | 0.0            | 20           | 1      | 5.0            | 25           | 1      | 4.0            |
| Nemaha      | 59           | 7      | 11.9           | 54           | 5      | 9.3            | 53           | 7      | 13.2           |
| Neosho      | 132          | 11     | 8.3            | 146          | 17     | 11.6           | 127          | 25     | 19.7           |
| Ness        | 11           | 0      | 0.0            | 15           | 0      | 0.0            | 18           | 2      | 11.1           |
| Norton      | 40           | 4      | 10.0           | 38           | 2      | 5.3            | 44           | 7      | 15.9           |
| Osborne     | 23           | 0      | 0.0            | 25           | 1      | 4.0            | 26           | 1      | 3.8            |

Childhood Lead Poisoning in Kansas

Table 13: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2018-2020 (*continued*)

| County       | 2020     |        |                | 2019     |        |                | 2018     |        |                |
|--------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|              | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|              | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Osage        | 93       | 2      | 2.2            | 97       | 8      | 8.2            | 97       | 11     | 11.3           |
| Ottawa       | 30       | 8      | 26.7           | 27       | 7      | 25.9           | 38       | 5      | 13.2           |
| Phillips     | 20       | 1      | 5.0            | 32       | 3      | 9.4            | 21       | 1      | 4.8            |
| Pawnee       | 49       | 5      | 10.2           | 40       | 15     | 37.5           | 40       | 4      | 10.0           |
| Pratt        | 48       | 4      | 8.3            | 70       | 8      | 11.4           | 78       | 11     | 14.1           |
| Pottawatomie | 106      | 7      | 6.6            | 123      | 2      | 1.6            | 132      | 7      | 5.3            |
| Rawlins      | 18       | 1      | 5.6            | 15       | 3      | 20.0           | 14       | 2      | 14.3           |
| Rice         | 69       | 3      | 4.3            | 67       | 9      | 13.4           | 66       | 13     | 19.7           |
| Rush         | 16       | 0      | 0.0            | 14       | 1      | 7.1            | 12       | 2      | 16.7           |
| Riley        | 289      | 13     | 4.5            | 312      | 12     | 3.8            | 307      | 15     | 4.9            |
| Reno         | 422      | 96     | 22.7           | 454      | 105    | 23.1           | 445      | 106    | 23.8           |
| Rooks        | 30       | 3      | 10.0           | 30       | 4      | 13.3           | 24       | 4      | 16.7           |
| Republic     | 30       | 3      | 10.0           | 23       | 0      | 0.0            | 35       | 5      | 14.3           |
| Russell      | 54       | 3      | 5.6            | 49       | 5      | 10.2           | 47       | 2      | 4.3            |
| Saline       | 417      | 104    | 24.9           | 434      | 142    | 32.7           | 471      | 127    | 27.0           |
| Scott        | 30       | 4      | 13.3           | 32       | 8      | 25.0           | 35       | 1      | 2.9            |
| Sheridan     | 12       | 1      | 8.3            | 21       | 4      | 19.0           | 13       | 4      | 30.8           |
| Stafford     | 20       | 1      | 5.0            | 31       | 3      | 9.7            | 30       | 1      | 3.3            |
| Sedgwick     | 4297     | 813    | 18.9           | 4419     | 986    | 22.3           | 4473     | 1137   | 25.4           |
| Sherman      | 38       | 1      | 2.6            | 48       | 5      | 10.4           | 54       | 2      | 3.7            |
| Smith        | 17       | 0      | 0.0            | 28       | 0      | 0.0            | 23       | 0      | 0.0            |
| Shawnee      | 1365     | 136    | 10.0           | 1457     | 182    | 12.5           | 1476     | 171    | 11.6           |
| Stanton      | 15       | 0      | 0.0            | 14       | 0      | 0.0            | 27       | 2      | 7.4            |
| Sumner       | 160      | 15     | 9.4            | 143      | 26     | 18.2           | 157      | 25     | 15.9           |
| Stevens      | 44       | 2      | 4.5            | 52       | 2      | 3.8            | 46       | 2      | 4.3            |
| Seward       | 304      | 6      | 2.0            | 300      | 11     | 3.7            | 305      | 18     | 5.9            |
| Thomas       | 43       | 11     | 25.6           | 61       | 11     | 18.0           | 58       | 12     | 20.7           |
| Trego        | 13       | 2      | 15.4           | 13       | 1      | 7.7            | 17       | 1      | 5.9            |
| Wallace      | 9        | 2      | 22.2           | 11       | 0      | 0.0            | 14       | 1      | 7.1            |
| Wabaunsee    | 35       | 4      | 11.4           | 31       | 0      | 0.0            | 27       | 1      | 3.7            |
| Wichita      | 16       | 8      | 50.0           | 17       | 2      | 11.8           | 16       | 4      | 25.0           |
| Wilson       | 77       | 7      | 9.1            | 79       | 11     | 13.9           | 65       | 8      | 12.3           |
| Woodson      | 17       | 0      | 0.0            | 16       | 4      | 25.0           | 19       | 3      | 15.8           |
| Washington   | 32       | 4      | 12.5           | 24       | 5      | 20.8           | 41       | 6      | 14.6           |
| Wyandotte    | 2111     | 566    | 26.8           | 2301     | 719    | 31.2           | 2303     | 823    | 35.7           |

Table 13: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2018-2020 (*continued*)

| County         | 2020     |               |                   | 2019     |               |                   | 2018     |               |                   |
|----------------|----------|---------------|-------------------|----------|---------------|-------------------|----------|---------------|-------------------|
|                | Enrolled | and<br>Tested | Percent<br>Tested | Enrolled | and<br>Tested | Percent<br>Tested | Enrolled | and<br>Tested | Percent<br>Tested |
| State<br>Total | 19659    | 3036          | 15.4              | 20838    | 3825          | 18.4              | 21303    | 4297          | 20.2              |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.

Table 14: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2015-2017

| County     | 2017     |        |                | 2016     |        |                | 2015     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 305      | 49     | 16.1           | 258      | 53     | 20.5           | 231      | 61     | 26.4           |
| Anderson   | 74       | 10     | 13.5           | 65       | 10     | 15.4           | 67       | 5      | 7.5            |
| Atchison   | 136      | 32     | 23.5           | 142      | 27     | 19.0           | 141      | 31     | 22.0           |
| Barber     | 42       | 5      | 11.9           | 33       | 10     | 30.3           | 36       | 6      | 16.7           |
| Bourbon    | 176      | 17     | 9.7            | 171      | 23     | 13.5           | 154      | 14     | 9.1            |
| Brown      | 88       | 10     | 11.4           | 91       | 14     | 15.4           | 95       | 15     | 15.8           |
| Barton     | 227      | 31     | 13.7           | 252      | 76     | 30.2           | 263      | 54     | 20.5           |
| Butler     | 380      | 47     | 12.4           | 375      | 54     | 14.4           | 410      | 48     | 11.7           |
| Clark      | 12       | 1      | 8.3            | 18       | 4      | 22.2           | 18       | 4      | 22.2           |
| Cloud      | 64       | 16     | 25.0           | 80       | 17     | 21.2           | 82       | 9      | 11.0           |
| Coffey     | 57       | 6      | 10.5           | 62       | 1      | 1.6            | 53       | 5      | 9.4            |
| Cherokee   | 180      | 74     | 41.1           | 156      | 61     | 39.1           | 197      | 23     | 11.7           |
| Cowley     | 347      | 100    | 28.8           | 340      | 89     | 26.2           | 347      | 78     | 22.5           |
| Comanche   | 14       | 2      | 14.3           | 15       | 1      | 6.7            | 18       | 3      | 16.7           |
| Cheyenne   | 19       | 1      | 5.3            | 13       | 2      | 15.4           | 16       | 1      | 6.2            |
| Chautauqua | 32       | 10     | 31.2           | 32       | 18     | 56.2           | 24       | 17     | 70.8           |
| Crawford   | 362      | 104    | 28.7           | 357      | 126    | 35.3           | 294      | 86     | 29.3           |
| Chase      | 11       | 2      | 18.2           | 19       | 3      | 15.8           | 18       | 4      | 22.2           |
| Clay       | 58       | 14     | 24.1           | 60       | 15     | 25.0           | 60       | 16     | 26.7           |
| Decatur    | 30       | 4      | 13.3           | 28       | 5      | 17.9           | 27       | 1      | 3.7            |
| Douglas    | 560      | 90     | 16.1           | 612      | 72     | 11.8           | 599      | 115    | 19.2           |
| Dickinson  | 139      | 36     | 25.9           | 146      | 37     | 25.3           | 136      | 19     | 14.0           |
| Doniphan   | 41       | 18     | 43.9           | 48       | 11     | 22.9           | 65       | 16     | 24.6           |
| Edwards    | 34       | 2      | 5.9            | 21       | 6      | 28.6           | 21       | 4      | 19.0           |
| Elk        | 17       | 2      | 11.8           | 21       | 5      | 23.8           | 24       | 1      | 4.2            |
| Ellis      | 152      | 8      | 5.3            | 142      | 13     | 9.2            | 154      | 11     | 7.1            |
| Ellsworth  | 30       | 10     | 33.3           | 29       | 11     | 37.9           | 26       | 8      | 30.8           |
| Finney     | 479      | 65     | 13.6           | 498      | 44     | 8.8            | 507      | 44     | 8.7            |
| Ford       | 492      | 183    | 37.2           | 516      | 192    | 37.2           | 480      | 166    | 34.6           |
| Franklin   | 218      | 26     | 11.9           | 241      | 38     | 15.8           | 207      | 44     | 21.3           |
| Geary      | 252      | 11     | 4.4            | 210      | 22     | 10.5           | 221      | 32     | 14.5           |
| Graham     | 10       | 2      | 20.0           | 14       | 2      | 14.3           | 16       | 0      | 0.0            |
| Greeley    | 6        | 2      | 33.3           | 6        | 1      | 16.7           | 6        | 2      | 33.3           |
| Gove       | 23       | 3      | 13.0           | 19       | 3      | 15.8           | 18       | 1      | 5.6            |
| Grant      | 89       | 14     | 15.7           | 90       | 5      | 5.6            | 82       | 13     | 15.9           |
| Greenwood  | 50       | 3      | 6.0            | 45       | 9      | 20.0           | 38       | 4      | 10.5           |
| Gray       | 59       | 4      | 6.8            | 53       | 19     | 35.8           | 50       | 12     | 24.0           |

Table 14: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2015-2017 (*continued*)

| County      | 2017     |        |                | 2016     |        |                | 2015     |        |                |
|-------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|             | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|             | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Hodgeman    | 15       | 4      | 26.7           | 10       | 4      | 40.0           | 5        | 1      | 20.0           |
| Hamilton    | 28       | 3      | 10.7           | 30       | 0      | 0.0            | 30       | 3      | 10.0           |
| Harper      | 52       | 3      | 5.8            | 41       | 7      | 17.1           | 44       | 8      | 18.2           |
| Haskell     | 36       | 2      | 5.6            | 36       | 1      | 2.8            | 37       | 4      | 10.8           |
| Harvey      | 239      | 33     | 13.8           | 272      | 43     | 15.8           | 259      | 76     | 29.3           |
| Jackson     | 154      | 19     | 12.3           | 155      | 28     | 18.1           | 158      | 24     | 15.2           |
| Jefferson   | 89       | 15     | 16.9           | 114      | 17     | 14.9           | 99       | 20     | 20.2           |
| Johnson     | 2214     | 440    | 19.9           | 2293     | 438    | 19.1           | 2333     | 418    | 17.9           |
| Jewell      | 18       | 3      | 16.7           | 16       | 0      | 0.0            | 14       | 5      | 35.7           |
| Kearny      | 31       | 1      | 3.2            | 47       | 2      | 4.3            | 46       | 1      | 2.2            |
| Kingman     | 39       | 9      | 23.1           | 47       | 6      | 12.8           | 37       | 11     | 29.7           |
| Kiowa       | 22       | 1      | 4.5            | 31       | 0      | 0.0            | 16       | 5      | 31.2           |
| Labette     | 206      | 32     | 15.5           | 203      | 38     | 18.7           | 225      | 26     | 11.6           |
| Lincoln     | 22       | 5      | 22.7           | 19       | 6      | 31.6           | 22       | 5      | 22.7           |
| Lane        | 11       | 1      | 9.1            | 13       | 0      | 0.0            | 10       | 1      | 10.0           |
| Logan       | 16       | 3      | 18.8           | 24       | 2      | 8.3            | 16       | 4      | 25.0           |
| Linn        | 69       | 8      | 11.6           | 67       | 10     | 14.9           | 76       | 8      | 10.5           |
| Leavenworth | 392      | 145    | 37.0           | 406      | 126    | 31.0           | 439      | 124    | 28.2           |
| Lyon        | 246      | 27     | 11.0           | 249      | 45     | 18.1           | 251      | 35     | 13.9           |
| Mitchell    | 39       | 4      | 10.3           | 32       | 2      | 6.2            | 37       | 4      | 10.8           |
| Meade       | 34       | 6      | 17.6           | 37       | 9      | 24.3           | 37       | 9      | 24.3           |
| Montgomery  | 334      | 46     | 13.8           | 331      | 57     | 17.2           | 387      | 72     | 18.6           |
| Miami       | 188      | 15     | 8.0            | 172      | 36     | 20.9           | 198      | 21     | 10.6           |
| Marion      | 73       | 11     | 15.1           | 78       | 17     | 21.8           | 58       | 15     | 25.9           |
| McPherson   | 147      | 35     | 23.8           | 149      | 53     | 35.6           | 165      | 37     | 22.4           |
| Morris      | 46       | 1      | 2.2            | 45       | 1      | 2.2            | 37       | 3      | 8.1            |
| Marshall    | 65       | 13     | 20.0           | 53       | 19     | 35.8           | 51       | 15     | 29.4           |
| Morton      | 26       | 0      | 0.0            | 23       | 0      | 0.0            | 27       | 1      | 3.7            |
| Nemaha      | 56       | 13     | 23.2           | 39       | 16     | 41.0           | 45       | 11     | 24.4           |
| Neosho      | 135      | 34     | 25.2           | 143      | 26     | 18.2           | 145      | 24     | 16.6           |
| Ness        | 12       | 0      | 0.0            | 13       | 0      | 0.0            | 14       | 1      | 7.1            |
| Norton      | 35       | 6      | 17.1           | 31       | 6      | 19.4           | 36       | 5      | 13.9           |
| Osborne     | 29       | 0      | 0.0            | 21       | 2      | 9.5            | 21       | 1      | 4.8            |
| Osage       | 105      | 9      | 8.6            | 116      | 14     | 12.1           | 114      | 17     | 14.9           |
| Ottawa      | 38       | 16     | 42.1           | 40       | 6      | 15.0           | 32       | 6      | 18.8           |
| Phillips    | 26       | 1      | 3.8            | 30       | 2      | 6.7            | 24       | 0      | 0.0            |
| Pawnee      | 48       | 15     | 31.2           | 47       | 8      | 17.0           | 46       | 13     | 28.3           |

Childhood Lead Poisoning in Kansas

Table 14: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2015-2017 (*continued*)

| County       | 2017     |                     |                | 2016     |                     |                | 2015     |                     |                |
|--------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|              | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Pratt        | 73       | 8                   | 11.0           | 76       | 18                  | 23.7           | 73       | 24                  | 32.9           |
| Pottawatomie | 130      | 12                  | 9.2            | 133      | 15                  | 11.3           | 131      | 9                   | 6.9            |
| Rawlins      | 14       | 2                   | 14.3           | 13       | 3                   | 23.1           | 18       | 1                   | 5.6            |
| Rice         | 68       | 15                  | 22.1           | 76       | 10                  | 13.2           | 80       | 9                   | 11.2           |
| Rush         | 18       | 0                   | 0.0            | 15       | 4                   | 26.7           | 10       | 3                   | 30.0           |
| Riley        | 295      | 10                  | 3.4            | 283      | 20                  | 7.1            | 291      | 37                  | 12.7           |
| Reno         | 453      | 118                 | 26.0           | 484      | 104                 | 21.5           | 430      | 122                 | 28.4           |
| Rooks        | 19       | 7                   | 36.8           | 39       | 7                   | 17.9           | 42       | 8                   | 19.0           |
| Republic     | 39       | 3                   | 7.7            | 26       | 3                   | 11.5           | 32       | 1                   | 3.1            |
| Russell      | 51       | 3                   | 5.9            | 60       | 7                   | 11.7           | 50       | 7                   | 14.0           |
| Saline       | 483      | 167                 | 34.6           | 473      | 189                 | 40.0           | 504      | 118                 | 23.4           |
| Scott        | 40       | 3                   | 7.5            | 41       | 5                   | 12.2           | 48       | 2                   | 4.2            |
| Sheridan     | 14       | 3                   | 21.4           | 7        | 3                   | 42.9           | 11       | 4                   | 36.4           |
| Stafford     | 35       | 5                   | 14.3           | 33       | 4                   | 12.1           | 37       | 5                   | 13.5           |
| Sedgwick     | 4440     | 1183                | 26.6           | 4716     | 1272                | 27.0           | 4850     | 1241                | 25.6           |
| Sherman      | 45       | 8                   | 17.8           | 40       | 5                   | 12.5           | 54       | 7                   | 13.0           |
| Smith        | 16       | 2                   | 12.5           | 20       | 2                   | 10.0           | 19       | 4                   | 21.1           |
| Shawnee      | 1529     | 170                 | 11.1           | 1554     | 218                 | 14.0           | 1602     | 275                 | 17.2           |
| Stanton      | 21       | 5                   | 23.8           | 20       | 2                   | 10.0           | 19       | 2                   | 10.5           |
| Sumner       | 173      | 21                  | 12.1           | 166      | 33                  | 19.9           | 187      | 34                  | 18.2           |
| Stevens      | 43       | 8                   | 18.6           | 72       | 10                  | 13.9           | 53       | 10                  | 18.9           |
| Seward       | 346      | 25                  | 7.2            | 336      | 42                  | 12.5           | 366      | 38                  | 10.4           |
| Thomas       | 53       | 6                   | 11.3           | 58       | 11                  | 19.0           | 62       | 16                  | 25.8           |
| Trego        | 19       | 4                   | 21.1           | 12       | 2                   | 16.7           | 15       | 2                   | 13.3           |
| Wallace      | 11       | 2                   | 18.2           | 12       | 0                   | 0.0            | 9        | 2                   | 22.2           |
| Wabaunsee    | 40       | 2                   | 5.0            | 37       | 1                   | 2.7            | 46       | 2                   | 4.3            |
| Wichita      | 18       | 6                   | 33.3           | 25       | 5                   | 20.0           | 14       | 8                   | 57.1           |
| Wilson       | 71       | 4                   | 5.6            | 74       | 14                  | 18.9           | 106      | 11                  | 10.4           |
| Woodson      | 20       | 3                   | 15.0           | 17       | 1                   | 5.9            | 22       | 1                   | 4.5            |
| Washington   | 37       | 4                   | 10.8           | 39       | 3                   | 7.7            | 39       | 10                  | 25.6           |
| Wyandotte    | 2302     | 828                 | 36.0           | 2369     | 829                 | 35.0           | 2428     | 812                 | 33.4           |
| State Total  | 21516    | 4630                | 21.5           | 22077    | 4988                | 22.6           | 22440    | 4832                | 21.5           |

Source: Kansas Department of Health and Environment, Division of Health Care Finance.



Table 15: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2012-2014

| County     | 2014     |        |                | 2013     |        |                | 2012     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 225      | 29     | 12.9           | 201      | 19     | 9.5            | 201      | 37     | 18.4           |
| Anderson   | 60       | 8      | 13.3           | 66       | 9      | 13.6           | 64       | 8      | 12.5           |
| Atchison   | 138      | 21     | 15.2           | 135      | 28     | 20.7           | 133      | 41     | 30.8           |
| Barber     | 32       | 7      | 21.9           | 42       | 3      | 7.1            | 35       | 6      | 17.1           |
| Bourbon    | 179      | 11     | 6.1            | 174      | 17     | 9.8            | 171      | 19     | 11.1           |
| Brown      | 107      | 13     | 12.1           | 85       | 14     | 16.5           | 109      | 19     | 17.4           |
| Barton     | 233      | 26     | 11.2           | 252      | 46     | 18.3           | 258      | 39     | 15.1           |
| Butler     | 382      | 62     | 16.2           | 457      | 59     | 12.9           | 458      | 66     | 14.4           |
| Clark      | 17       | 1      | 5.9            | 16       | 3      | 18.8           | 17       | 1      | 5.9            |
| Cloud      | 70       | 10     | 14.3           | 79       | 14     | 17.7           | 77       | 13     | 16.9           |
| Coffey     | 68       | 6      | 8.8            | 64       | 10     | 15.6           | 62       | 7      | 11.3           |
| Cherokee   | 184      | 24     | 13.0           | 193      | 36     | 18.7           | 216      | 45     | 20.8           |
| Cowley     | 345      | 55     | 15.9           | 350      | 103    | 29.4           | 357      | 105    | 29.4           |
| Comanche   | 12       | 3      | 25.0           | 10       | 0      | 0.0            | 11       | 1      | 9.1            |
| Cheyenne   | 16       | 0      | 0.0            | 11       | 4      | 36.4           | 11       | 0      | 0.0            |
| Chautauqua | 31       | 2      | 6.5            | 22       | 11     | 50.0           | 39       | 7      | 17.9           |
| Crawford   | 345      | 75     | 21.7           | 362      | 96     | 26.5           | 369      | 100    | 27.1           |
| Chase      | 15       | 3      | 20.0           | 13       | 4      | 30.8           | 16       | 1      | 6.2            |
| Clay       | 63       | 20     | 31.7           | 55       | 17     | 30.9           | 55       | 19     | 34.5           |
| Decatur    | 17       | 2      | 11.8           | 19       | 3      | 15.8           | 22       | 3      | 13.6           |
| Douglas    | 608      | 132    | 21.7           | 620      | 92     | 14.8           | 592      | 114    | 19.3           |
| Dickinson  | 148      | 21     | 14.2           | 149      | 25     | 16.8           | 148      | 26     | 17.6           |
| Doniphan   | 47       | 13     | 27.7           | 48       | 14     | 29.2           | 38       | 4      | 10.5           |
| Edwards    | 22       | 3      | 13.6           | 29       | 3      | 10.3           | 29       | 6      | 20.7           |
| Elk        | 15       | 6      | 40.0           | 30       | 4      | 13.3           | 20       | 4      | 20.0           |
| Ellis      | 146      | 17     | 11.6           | 163      | 34     | 20.9           | 157      | 40     | 25.5           |
| Ellsworth  | 28       | 6      | 21.4           | 30       | 9      | 30.0           | 28       | 12     | 42.9           |
| Finney     | 533      | 53     | 9.9            | 560      | 68     | 12.1           | 582      | 61     | 10.5           |
| Ford       | 494      | 141    | 28.5           | 484      | 159    | 32.9           | 517      | 173    | 33.5           |
| Franklin   | 216      | 48     | 22.2           | 220      | 32     | 14.5           | 229      | 32     | 14.0           |
| Geary      | 248      | 44     | 17.7           | 237      | 46     | 19.4           | 238      | 32     | 13.4           |
| Graham     | 23       | 2      | 8.7            | 14       | 2      | 14.3           | 19       | 4      | 21.1           |
| Greeley    | 13       | 1      | 7.7            | 11       | 3      | 27.3           | 11       | 2      | 18.2           |
| Gove       | 18       | 1      | 5.6            | 20       | 6      | 30.0           | 29       | 4      | 13.8           |
| Grant      | 87       | 8      | 9.2            | 90       | 11     | 12.2           | 115      | 7      | 6.1            |
| Greenwood  | 44       | 9      | 20.5           | 42       | 6      | 14.3           | 49       | 19     | 38.8           |
| Gray       | 48       | 9      | 18.8           | 61       | 10     | 16.4           | 51       | 16     | 31.4           |

Table 15: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2012-2014 (*continued*)

| County      | 2014     |        |                | 2013     |        |                | 2012     |        |                |
|-------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|             | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|             | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Hodgeman    | 11       | 0      | 0.0            | 9        | 3      | 33.3           | 5        | 1      | 20.0           |
| Hamilton    | 31       | 1      | 3.2            | 29       | 3      | 10.3           | 34       | 2      | 5.9            |
| Harper      | 63       | 4      | 6.3            | 43       | 6      | 14.0           | 43       | 9      | 20.9           |
| Haskell     | 39       | 3      | 7.7            | 37       | 6      | 16.2           | 42       | 3      | 7.1            |
| Harvey      | 241      | 80     | 33.2           | 260      | 67     | 25.8           | 286      | 71     | 24.8           |
| Jackson     | 174      | 21     | 12.1           | 127      | 31     | 24.4           | 129      | 24     | 18.6           |
| Jefferson   | 117      | 15     | 12.8           | 114      | 23     | 20.2           | 107      | 19     | 17.8           |
| Johnson     | 2358     | 374    | 15.9           | 2366     | 434    | 18.3           | 2339     | 391    | 16.7           |
| Jewell      | 12       | 0      | 0.0            | 16       | 2      | 12.5           | 12       | 5      | 41.7           |
| Kearny      | 51       | 5      | 9.8            | 53       | 1      | 1.9            | 34       | 1      | 2.9            |
| Kingman     | 42       | 3      | 7.1            | 41       | 3      | 7.3            | 30       | 3      | 10.0           |
| Kiowa       | 21       | 3      | 14.3           | 19       | 1      | 5.3            | 21       | 1      | 4.8            |
| Labette     | 188      | 45     | 23.9           | 207      | 23     | 11.1           | 205      | 37     | 18.0           |
| Lincoln     | 18       | 3      | 16.7           | 19       | 6      | 31.6           | 26       | 12     | 46.2           |
| Lane        | 13       | 1      | 7.7            | 7        | 2      | 28.6           | 9        | 0      | 0.0            |
| Logan       | 28       | 4      | 14.3           | 19       | 6      | 31.6           | 13       | 6      | 46.2           |
| Linn        | 70       | 7      | 10.0           | 92       | 20     | 21.7           | 68       | 8      | 11.8           |
| Leavenworth | 399      | 118    | 29.6           | 408      | 136    | 33.3           | 407      | 121    | 29.7           |
| Lyon        | 262      | 44     | 16.8           | 254      | 50     | 19.7           | 305      | 46     | 15.1           |
| Mitchell    | 35       | 6      | 17.1           | 25       | 7      | 28.0           | 40       | 11     | 27.5           |
| Meade       | 44       | 12     | 27.3           | 34       | 9      | 26.5           | 31       | 12     | 38.7           |
| Montgomery  | 351      | 76     | 21.7           | 366      | 55     | 15.0           | 367      | 42     | 11.4           |
| Miami       | 198      | 19     | 9.6            | 188      | 43     | 22.9           | 183      | 19     | 10.4           |
| Marion      | 67       | 19     | 28.4           | 65       | 25     | 38.5           | 69       | 17     | 24.6           |
| McPherson   | 144      | 33     | 22.9           | 141      | 28     | 19.9           | 172      | 22     | 12.8           |
| Morris      | 42       | 1      | 2.4            | 43       | 6      | 14.0           | 30       | 1      | 3.3            |
| Marshall    | 55       | 12     | 21.8           | 52       | 19     | 36.5           | 50       | 21     | 42.0           |
| Morton      | 22       | 2      | 9.1            | 22       | 2      | 9.1            | 23       | 3      | 13.0           |
| Nemaha      | 44       | 10     | 22.7           | 58       | 20     | 34.5           | 63       | 25     | 39.7           |
| Neosho      | 146      | 19     | 13.0           | 156      | 27     | 17.3           | 145      | 34     | 23.4           |
| Ness        | 11       | 3      | 27.3           | 12       | 1      | 8.3            | 11       | 0      | 0.0            |
| Norton      | 48       | 4      | 8.3            | 35       | 7      | 20.0           | 33       | 2      | 6.1            |
| Osborne     | 10       | 1      | 10.0           | 19       | 1      | 5.3            | 20       | 2      | 10.0           |
| Osage       | 96       | 15     | 15.6           | 111      | 13     | 11.7           | 120      | 22     | 18.3           |
| Ottawa      | 33       | 6      | 18.2           | 44       | 9      | 20.5           | 39       | 11     | 28.2           |
| Phillips    | 26       | 2      | 7.7            | 36       | 5      | 13.9           | 30       | 2      | 6.7            |
| Pawnee      | 44       | 9      | 20.5           | 53       | 15     | 28.3           | 49       | 13     | 26.5           |

Table 15: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2012-2014 (*continued*)

| County         | 2014     |                           |                   | 2013     |                           |                   | 2012     |                           |                   |
|----------------|----------|---------------------------|-------------------|----------|---------------------------|-------------------|----------|---------------------------|-------------------|
|                | Enrolled | Enrolled<br>and<br>Tested | Percent<br>Tested | Enrolled | Enrolled<br>and<br>Tested | Percent<br>Tested | Enrolled | Enrolled<br>and<br>Tested | Percent<br>Tested |
| Pratt          | 73       | 6                         | 8.2               | 72       | 11                        | 15.3              | 67       | 17                        | 25.4              |
| Pottawatomie   | 118      | 12                        | 10.2              | 129      | 12                        | 9.3               | 116      | 19                        | 16.4              |
| Rawlins        | 10       | 4                         | 40.0              | 14       | 1                         | 7.1               | 22       | 4                         | 18.2              |
| Rice           | 91       | 7                         | 7.7               | 91       | 17                        | 18.7              | 83       | 13                        | 15.7              |
| Rush           | 13       | 5                         | 38.5              | 19       | 1                         | 5.3               | 15       | 4                         | 26.7              |
| Riley          | 290      | 42                        | 14.5              | 310      | 51                        | 16.5              | 293      | 45                        | 15.4              |
| Reno           | 480      | 111                       | 23.1              | 489      | 99                        | 20.2              | 547      | 113                       | 20.7              |
| Rooks          | 33       | 4                         | 12.1              | 36       | 7                         | 19.4              | 42       | 12                        | 28.6              |
| Republic       | 21       | 1                         | 4.8               | 30       | 2                         | 6.7               | 35       | 7                         | 20.0              |
| Russell        | 50       | 2                         | 4.0               | 54       | 10                        | 18.5              | 50       | 8                         | 16.0              |
| Saline         | 535      | 91                        | 17.0              | 522      | 123                       | 23.6              | 532      | 132                       | 24.8              |
| Scott          | 46       | 2                         | 4.3               | 39       | 3                         | 7.7               | 50       | 0                         | 0.0               |
| Sheridan       | 12       | 2                         | 16.7              | 6        | 4                         | 66.7              | 11       | 2                         | 18.2              |
| Stafford       | 22       | 7                         | 31.8              | 21       | 2                         | 9.5               | 30       | 6                         | 20.0              |
| Sedgwick       | 5022     | 1388                      | 27.6              | 5138     | 1377                      | 26.8              | 5351     | 1171                      | 21.9              |
| Sherman        | 52       | 3                         | 5.8               | 48       | 11                        | 22.9              | 53       | 12                        | 22.6              |
| Smith          | 21       | 4                         | 19.0              | 18       | 8                         | 44.4              | 25       | 7                         | 28.0              |
| Shawnee        | 1616     | 235                       | 14.5              | 1620     | 276                       | 17.0              | 1630     | 291                       | 17.9              |
| Stanton        | 21       | 0                         | 0.0               | 30       | 2                         | 6.7               | 25       | 0                         | 0.0               |
| Sumner         | 184      | 36                        | 19.6              | 174      | 25                        | 14.4              | 192      | 26                        | 13.5              |
| Stevens        | 61       | 6                         | 9.8               | 54       | 13                        | 24.1              | 60       | 7                         | 11.7              |
| Seward         | 353      | 39                        | 11.0              | 349      | 34                        | 9.7               | 460      | 50                        | 10.9              |
| Thomas         | 53       | 11                        | 20.8              | 51       | 13                        | 25.5              | 51       | 9                         | 17.6              |
| Trego          | 12       | 3                         | 25.0              | 5        | 1                         | 20.0              | 14       | 2                         | 14.3              |
| Wallace        | 16       | 1                         | 6.2               | 9        | 3                         | 33.3              | 13       | 1                         | 7.7               |
| Wabaunsee      | 34       | 3                         | 8.8               | 33       | 2                         | 6.1               | 30       | 3                         | 10.0              |
| Wichita        | 21       | 3                         | 14.3              | 17       | 5                         | 29.4              | 18       | 6                         | 33.3              |
| Wilson         | 101      | 18                        | 17.8              | 76       | 9                         | 11.8              | 86       | 7                         | 8.1               |
| Woodson        | 17       | 1                         | 5.9               | 25       | 2                         | 8.0               | 26       | 1                         | 3.8               |
| Washington     | 35       | 4                         | 11.4              | 30       | 4                         | 13.3              | 26       | 9                         | 34.6              |
| Wyandotte      | 2370     | 588                       | 24.8              | 2407     | 756                       | 31.4              | 2518     | 661                       | 26.3              |
| State<br>Total | 22614    | 4511                      | 19.9              | 22910    | 5019                      | 21.9              | 23594    | 4757                      | 20.2              |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.

Table 16: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2010-2011

| County     | 2011     |               |                   | 2010     |               |                   |
|------------|----------|---------------|-------------------|----------|---------------|-------------------|
|            | Enrolled | and<br>Tested | Percent<br>Tested | Enrolled | and<br>Tested | Percent<br>Tested |
| Allen      | 233      | 35            | 15.0              | 202      | 32            | 15.8              |
| Anderson   | 68       | 14            | 20.6              | 62       | 14            | 22.6              |
| Atchison   | 132      | 42            | 31.8              | 126      | 35            | 27.8              |
| Barber     | 43       | 8             | 18.6              | 26       | 8             | 30.8              |
| Bourbon    | 170      | 20            | 11.8              | 163      | 15            | 9.2               |
| Brown      | 115      | 15            | 13.0              | 102      | 18            | 17.6              |
| Barton     | 276      | 50            | 18.1              | 283      | 39            | 13.8              |
| Butler     | 440      | 70            | 15.9              | 414      | 52            | 12.6              |
| Clark      | 17       | 5             | 29.4              | 16       | 2             | 12.5              |
| Cloud      | 68       | 11            | 16.2              | 61       | 12            | 19.7              |
| Coffey     | 58       | 7             | 12.1              | 50       | 9             | 18.0              |
| Cherokee   | 213      | 43            | 20.2              | 206      | 44            | 21.4              |
| Cowley     | 365      | 90            | 24.7              | 329      | 91            | 27.7              |
| Comanche   | 6        | 0             | 0.0               | 11       | 1             | 9.1               |
| Cheyenne   | 18       | 3             | 16.7              | 12       | 2             | 16.7              |
| Chautauqua | 35       | 9             | 25.7              | 33       | 11            | 33.3              |
| Crawford   | 363      | 76            | 20.9              | 353      | 61            | 17.3              |
| Chase      | 15       | 5             | 33.3              | 6        | 1             | 16.7              |
| Clay       | 53       | 17            | 32.1              | 53       | 16            | 30.2              |
| Decatur    | 19       | 3             | 15.8              | 19       | 5             | 26.3              |
| Douglas    | 596      | 113           | 19.0              | 569      | 103           | 18.1              |
| Dickinson  | 144      | 29            | 20.1              | 132      | 27            | 20.5              |
| Doniphan   | 46       | 8             | 17.4              | 33       | 7             | 21.2              |
| Edwards    | 19       | 5             | 26.3              | 21       | 3             | 14.3              |
| Elk        | 23       | 3             | 13.0              | 21       | 3             | 14.3              |
| Ellis      | 152      | 28            | 18.4              | 138      | 27            | 19.6              |
| Ellsworth  | 28       | 15            | 53.6              | 32       | 9             | 28.1              |
| Finney     | 537      | 56            | 10.4              | 472      | 42            | 8.9               |
| Ford       | 494      | 174           | 35.2              | 402      | 150           | 37.3              |
| Franklin   | 213      | 49            | 23.0              | 185      | 47            | 25.4              |
| Geary      | 251      | 32            | 12.7              | 238      | 24            | 10.1              |
| Graham     | 16       | 1             | 6.2               | 18       | 0             | 0.0               |
| Greeley    | 11       | 3             | 27.3              | 10       | 2             | 20.0              |
| Gove       | 17       | 2             | 11.8              | 17       | 1             | 5.9               |
| Grant      | 104      | 8             | 7.7               | 94       | 2             | 2.1               |
| Greenwood  | 58       | 17            | 29.3              | 58       | 16            | 27.6              |
| Gray       | 54       | 8             | 14.8              | 56       | 9             | 16.1              |

Table 16: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2010-2011 (*continued*)

| County      | 2011     |               |                   | 2010     |               |                   |
|-------------|----------|---------------|-------------------|----------|---------------|-------------------|
|             | Enrolled | and<br>Tested | Percent<br>Tested | Enrolled | and<br>Tested | Percent<br>Tested |
| Hodgeman    | 9        | 2             | 22.2              | 5        | 1             | 20.0              |
| Hamilton    | 26       | 2             | 7.7               | 26       | 2             | 7.7               |
| Harper      | 49       | 9             | 18.4              | 39       | 9             | 23.1              |
| Haskell     | 57       | 6             | 10.5              | 41       | 4             | 9.8               |
| Harvey      | 252      | 55            | 21.8              | 256      | 32            | 12.5              |
| Jackson     | 140      | 27            | 19.3              | 125      | 28            | 22.4              |
| Jefferson   | 100      | 17            | 17.0              | 115      | 18            | 15.7              |
| Johnson     | 2301     | 402           | 17.5              | 2125     | 373           | 17.6              |
| Jewell      | 17       | 4             | 23.5              | 16       | 1             | 6.2               |
| Kearny      | 40       | 1             | 2.5               | 36       | 3             | 8.3               |
| Kingman     | 35       | 5             | 14.3              | 42       | 2             | 4.8               |
| Kiowa       | 18       | 0             | 0.0               | 16       | 3             | 18.8              |
| Labette     | 206      | 38            | 18.4              | 206      | 35            | 17.0              |
| Lincoln     | 30       | 6             | 20.0              | 20       | 9             | 45.0              |
| Lane        | 9        | 0             | 0.0               | 11       | 1             | 9.1               |
| Logan       | 15       | 2             | 13.3              | 12       | 7             | 58.3              |
| Linn        | 69       | 12            | 17.4              | 74       | 8             | 10.8              |
| Leavenworth | 396      | 128           | 32.3              | 367      | 105           | 28.6              |
| Lyon        | 280      | 68            | 24.3              | 321      | 78            | 24.3              |
| Mitchell    | 31       | 12            | 38.7              | 17       | 8             | 47.1              |
| Meade       | 45       | 11            | 24.4              | 43       | 17            | 39.5              |
| Montgomery  | 346      | 50            | 14.5              | 327      | 34            | 10.4              |
| Miami       | 158      | 30            | 19.0              | 140      | 25            | 17.9              |
| Marion      | 71       | 12            | 16.9              | 55       | 8             | 14.5              |
| McPherson   | 172      | 32            | 18.6              | 176      | 28            | 15.9              |
| Morris      | 31       | 5             | 16.1              | 34       | 1             | 2.9               |
| Marshall    | 65       | 18            | 27.7              | 60       | 23            | 38.3              |
| Morton      | 26       | 2             | 7.7               | 33       | 3             | 9.1               |
| Nemaha      | 47       | 18            | 38.3              | 42       | 14            | 33.3              |
| Neosho      | 152      | 22            | 14.5              | 166      | 29            | 17.5              |
| Ness        | 16       | 1             | 6.2               | 10       | 2             | 20.0              |
| Norton      | 35       | 3             | 8.6               | 26       | 3             | 11.5              |
| Osborne     | 19       | 1             | 5.3               | 19       | 2             | 10.5              |
| Osage       | 111      | 21            | 18.9              | 120      | 14            | 11.7              |
| Ottawa      | 60       | 9             | 15.0              | 41       | 11            | 26.8              |
| Phillips    | 30       | 3             | 10.0              | 32       | 2             | 6.2               |
| Pawnee      | 37       | 8             | 21.6              | 44       | 13            | 29.5              |

Table 16: Blood Lead Testing for Medicaid Recipients Aged 24 to less than 36 Months by County, 2010-2011 (*continued*)

| County       | 2011     |                     |                | 2010     |                     |                |
|--------------|----------|---------------------|----------------|----------|---------------------|----------------|
|              | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Pratt        | 72       | 23                  | 31.9           | 71       | 13                  | 18.3           |
| Pottawatomie | 142      | 12                  | 8.5            | 131      | 26                  | 19.8           |
| Rawlins      | 12       | 3                   | 25.0           | 15       | 3                   | 20.0           |
| Rice         | 70       | 9                   | 12.9           | 68       | 16                  | 23.5           |
| Rush         | 20       | 5                   | 25.0           | 17       | 5                   | 29.4           |
| Riley        | 305      | 48                  | 15.7           | 245      | 50                  | 20.4           |
| Reno         | 513      | 128                 | 25.0           | 504      | 119                 | 23.6           |
| Rooks        | 30       | 3                   | 10.0           | 41       | 3                   | 7.3            |
| Republic     | 37       | 6                   | 16.2           | 26       | 5                   | 19.2           |
| Russell      | 60       | 11                  | 18.3           | 67       | 14                  | 20.9           |
| Saline       | 542      | 133                 | 24.5           | 509      | 133                 | 26.1           |
| Scott        | 48       | 2                   | 4.2            | 50       | 6                   | 12.0           |
| Sheridan     | 12       | 0                   | 0.0            | 14       | 4                   | 28.6           |
| Stafford     | 41       | 6                   | 14.6           | 37       | 4                   | 10.8           |
| Sedgwick     | 5126     | 1347                | 26.3           | 4847     | 1303                | 26.9           |
| Sherman      | 54       | 11                  | 20.4           | 42       | 8                   | 19.0           |
| Smith        | 22       | 9                   | 40.9           | 23       | 9                   | 39.1           |
| Shawnee      | 1605     | 258                 | 16.1           | 1595     | 337                 | 21.1           |
| Stanton      | 31       | 0                   | 0.0            | 28       | 5                   | 17.9           |
| Sumner       | 190      | 36                  | 18.9           | 176      | 20                  | 11.4           |
| Stevens      | 60       | 12                  | 20.0           | 57       | 12                  | 21.1           |
| Seward       | 440      | 23                  | 5.2            | 398      | 32                  | 8.0            |
| Thomas       | 42       | 13                  | 31.0           | 51       | 6                   | 11.8           |
| Trego        | 15       | 5                   | 33.3           | 15       | 6                   | 40.0           |
| Wallace      | 5        | 0                   | 0.0            | 10       | 1                   | 10.0           |
| Wabaunsee    | 30       | 4                   | 13.3           | 35       | 2                   | 5.7            |
| Wichita      | 17       | 9                   | 52.9           | 14       | 11                  | 78.6           |
| Wilson       | 78       | 10                  | 12.8           | 87       | 8                   | 9.2            |
| Woodson      | 17       | 2                   | 11.8           | 27       | 5                   | 18.5           |
| Washington   | 31       | 3                   | 9.7            | 27       | 10                  | 37.0           |
| Wyandotte    | 2416     | 613                 | 25.4           | 2384     | 535                 | 22.4           |
| State Total  | 23054    | 4860                | 21.1           | 21872    | 4607                | 21.1           |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.







**Appendix D: Blood Lead Testing for Medicaid Recipients less than or equal to 72 months of Age**

Table 17: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2018-2020

| County     | 2020     |        |                | 2019     |        |                | 2018     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 1143     | 119    | 10.4           | 1539     | 154    | 10.0           | 1844     | 236    | 12.8           |
| Anderson   | 356      | 41     | 11.5           | 393      | 52     | 13.2           | 395      | 42     | 10.6           |
| Atchison   | 631      | 47     | 7.4            | 688      | 56     | 8.1            | 703      | 115    | 16.4           |
| Barber     | 178      | 14     | 7.9            | 196      | 29     | 14.8           | 213      | 40     | 18.8           |
| Bourbon    | 802      | 68     | 8.5            | 812      | 73     | 9.0            | 848      | 75     | 8.8            |
| Brown      | 446      | 39     | 8.7            | 449      | 53     | 11.8           | 452      | 71     | 15.7           |
| Barton     | 1175     | 84     | 7.1            | 1223     | 155    | 12.7           | 1268     | 97     | 7.6            |
| Butler     | 1863     | 115    | 6.2            | 1912     | 193    | 10.1           | 2030     | 208    | 10.2           |
| Clark      | 48       | 3      | 6.2            | 52       | 4      | 7.7            | 58       | 6      | 10.3           |
| Cloud      | 365      | 37     | 10.1           | 389      | 39     | 10.0           | 407      | 64     | 15.7           |
| Coffey     | 297      | 27     | 9.1            | 317      | 22     | 6.9            | 306      | 34     | 11.1           |
| Cherokee   | 905      | 125    | 13.8           | 901      | 152    | 16.9           | 918      | 150    | 16.3           |
| Cowley     | 1640     | 258    | 15.7           | 1703     | 308    | 18.1           | 1744     | 440    | 25.2           |
| Comanche   | 62       | 0      | 0.0            | 65       | 5      | 7.7            | 71       | 3      | 4.2            |
| Cheyenne   | 94       | 3      | 3.2            | 95       | 5      | 5.3            | 95       | 8      | 8.4            |
| Chautauqua | 146      | 32     | 21.9           | 153      | 39     | 25.5           | 147      | 27     | 18.4           |
| Crawford   | 1905     | 206    | 10.8           | 1967     | 311    | 15.8           | 1899     | 302    | 15.9           |
| Chase      | 80       | 6      | 7.5            | 89       | 14     | 15.7           | 91       | 14     | 15.4           |
| Clay       | 270      | 45     | 16.7           | 289      | 43     | 14.9           | 290      | 43     | 14.8           |
| Decatur    | 109      | 14     | 12.8           | 127      | 19     | 15.0           | 117      | 19     | 16.2           |
| Douglas    | 2843     | 163    | 5.7            | 2993     | 256    | 8.6            | 3093     | 306    | 9.9            |
| Dickinson  | 647      | 80     | 12.4           | 679      | 107    | 15.8           | 726      | 98     | 13.5           |
| Doniphan   | 217      | 26     | 12.0           | 212      | 34     | 16.0           | 251      | 26     | 10.4           |
| Edwards    | 116      | 9      | 7.8            | 99       | 9      | 9.1            | 112      | 16     | 14.3           |
| Elk        | 99       | 5      | 5.1            | 107      | 8      | 7.5            | 105      | 13     | 12.4           |
| Ellis      | 686      | 39     | 5.7            | 722      | 50     | 6.9            | 733      | 43     | 5.9            |
| Ellsworth  | 144      | 19     | 13.2           | 151      | 26     | 17.2           | 152      | 30     | 19.7           |
| Finney     | 2304     | 321    | 13.9           | 2463     | 303    | 12.3           | 2579     | 317    | 12.3           |
| Ford       | 2461     | 478    | 19.4           | 2561     | 575    | 22.5           | 2551     | 685    | 26.9           |
| Franklin   | 981      | 93     | 9.5            | 1054     | 129    | 12.2           | 1087     | 144    | 13.2           |
| Geary      | 1244     | 102    | 8.2            | 1264     | 115    | 9.1            | 1276     | 102    | 8.0            |
| Graham     | 70       | 29     | 41.4           | 73       | 30     | 41.1           | 75       | 17     | 22.7           |
| Greeley    | 38       | 0      | 0.0            | 41       | 6      | 14.6           | 50       | 8      | 16.0           |
| Gove       | 99       | 3      | 3.0            | 104      | 1      | 1.0            | 111      | 4      | 3.6            |

Childhood Lead Poisoning in Kansas

Table 17: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2018-2020 (*continued*)

| County      | 2020     |                     |                | 2019     |                     |                | 2018     |                     |                |
|-------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|             | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Grant       | 423      | 42                  | 9.9            | 432      | 52                  | 12.0           | 449      | 55                  | 12.2           |
| Greenwood   | 210      | 15                  | 7.1            | 205      | 17                  | 8.3            | 226      | 29                  | 12.8           |
| Gray        | 231      | 25                  | 10.8           | 266      | 36                  | 13.5           | 271      | 47                  | 17.3           |
| Hodgeman    | 52       | 0                   | 0.0            | 54       | 9                   | 16.7           | 56       | 15                  | 26.8           |
| Hamilton    | 113      | 10                  | 8.8            | 132      | 10                  | 7.6            | 143      | 13                  | 9.1            |
| Harper      | 241      | 17                  | 7.1            | 255      | 21                  | 8.2            | 246      | 26                  | 10.6           |
| Haskell     | 191      | 17                  | 8.9            | 189      | 12                  | 6.3            | 204      | 14                  | 6.9            |
| Harvey      | 1169     | 173                 | 14.8           | 1268     | 175                 | 13.8           | 1275     | 216                 | 16.9           |
| Jackson     | 623      | 19                  | 3.0            | 697      | 66                  | 9.5            | 736      | 94                  | 12.8           |
| Jefferson   | 509      | 30                  | 5.9            | 519      | 44                  | 8.5            | 540      | 55                  | 10.2           |
| Johnson     | 10936    | 1309                | 12.0           | 11446    | 1479                | 12.9           | 11666    | 1657                | 14.2           |
| Jewell      | 96       | 1                   | 1.0            | 96       | 1                   | 1.0            | 90       | 3                   | 3.3            |
| Kearny      | 176      | 24                  | 13.6           | 196      | 17                  | 8.7            | 205      | 23                  | 11.2           |
| Kingman     | 225      | 23                  | 10.2           | 237      | 27                  | 11.4           | 238      | 30                  | 12.6           |
| Kiowa       | 121      | 3                   | 2.5            | 136      | 5                   | 3.7            | 131      | 9                   | 6.9            |
| Labette     | 958      | 84                  | 8.8            | 1006     | 132                 | 13.1           | 1031     | 115                 | 11.2           |
| Lincoln     | 105      | 9                   | 8.6            | 105      | 14                  | 13.3           | 107      | 20                  | 18.7           |
| Lane        | 54       | 4                   | 7.4            | 62       | 5                   | 8.1            | 60       | 2                   | 3.3            |
| Logan       | 111      | 8                   | 7.2            | 116      | 11                  | 9.5            | 122      | 13                  | 10.7           |
| Linn        | 348      | 31                  | 8.9            | 360      | 37                  | 10.3           | 368      | 34                  | 9.2            |
| Leavenworth | 2032     | 491                 | 24.2           | 2160     | 557                 | 25.8           | 2228     | 598                 | 26.8           |
| Lyon        | 1178     | 169                 | 14.3           | 1239     | 197                 | 15.9           | 1285     | 194                 | 15.1           |
| Mitchell    | 188      | 4                   | 2.1            | 182      | 2                   | 1.1            | 196      | 8                   | 4.1            |
| Meade       | 159      | 8                   | 5.0            | 171      | 31                  | 18.1           | 176      | 27                  | 15.3           |
| Montgomery  | 1495     | 155                 | 10.4           | 1644     | 199                 | 12.1           | 1721     | 208                 | 12.1           |
| Miami       | 868      | 72                  | 8.3            | 931      | 106                 | 11.4           | 979      | 131                 | 13.4           |
| Marion      | 351      | 46                  | 13.1           | 374      | 53                  | 14.2           | 368      | 69                  | 18.8           |
| McPherson   | 753      | 128                 | 17.0           | 791      | 141                 | 17.8           | 799      | 136                 | 17.0           |
| Morris      | 166      | 12                  | 7.2            | 196      | 15                  | 7.7            | 199      | 18                  | 9.0            |
| Marshall    | 313      | 32                  | 10.2           | 347      | 41                  | 11.8           | 335      | 63                  | 18.8           |
| Morton      | 120      | 7                   | 5.8            | 114      | 5                   | 4.4            | 140      | 10                  | 7.1            |
| Nemaha      | 290      | 27                  | 9.3            | 289      | 13                  | 4.5            | 274      | 40                  | 14.6           |
| Neosho      | 678      | 72                  | 10.6           | 728      | 116                 | 15.9           | 732      | 119                 | 16.3           |
| Ness        | 72       | 3                   | 4.2            | 73       | 4                   | 5.5            | 77       | 4                   | 5.2            |
| Norton      | 197      | 21                  | 10.7           | 202      | 19                  | 9.4            | 205      | 26                  | 12.7           |
| Osborne     | 135      | 5                   | 3.7            | 126      | 2                   | 1.6            | 131      | 8                   | 6.1            |

Table 17: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2018-2020 (*continued*)

| County       | 2020     |                     |                | 2019     |                     |                | 2018     |                     |                |
|--------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|              | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Osage        | 520      | 34                  | 6.5            | 535      | 54                  | 10.1           | 539      | 48                  | 8.9            |
| Ottawa       | 185      | 24                  | 13.0           | 194      | 34                  | 17.5           | 170      | 18                  | 10.6           |
| Phillips     | 145      | 6                   | 4.1            | 161      | 6                   | 3.7            | 142      | 10                  | 7.0            |
| Pawnee       | 219      | 26                  | 11.9           | 230      | 32                  | 13.9           | 244      | 37                  | 15.2           |
| Pratt        | 322      | 28                  | 8.7            | 365      | 54                  | 14.8           | 377      | 72                  | 19.1           |
| Pottawatomie | 648      | 27                  | 4.2            | 672      | 52                  | 7.7            | 660      | 42                  | 6.4            |
| Rawlins      | 80       | 5                   | 6.2            | 94       | 10                  | 10.6           | 82       | 11                  | 13.4           |
| Rice         | 319      | 15                  | 4.7            | 360      | 31                  | 8.6            | 392      | 46                  | 11.7           |
| Rush         | 90       | 3                   | 3.3            | 85       | 9                   | 10.6           | 78       | 15                  | 19.2           |
| Riley        | 1572     | 149                 | 9.5            | 1667     | 201                 | 12.1           | 1562     | 189                 | 12.1           |
| Reno         | 2269     | 355                 | 15.6           | 2397     | 431                 | 18.0           | 2396     | 434                 | 18.1           |
| Rooks        | 148      | 6                   | 4.1            | 168      | 11                  | 6.5            | 165      | 25                  | 15.2           |
| Republic     | 164      | 14                  | 8.5            | 161      | 15                  | 9.3            | 170      | 12                  | 7.1            |
| Russell      | 264      | 15                  | 5.7            | 278      | 26                  | 9.4            | 272      | 24                  | 8.8            |
| Saline       | 2293     | 338                 | 14.7           | 2403     | 415                 | 17.3           | 2461     | 436                 | 17.7           |
| Scott        | 183      | 12                  | 6.6            | 192      | 38                  | 19.8           | 203      | 15                  | 7.4            |
| Sheridan     | 75       | 4                   | 5.3            | 79       | 5                   | 6.3            | 74       | 8                   | 10.8           |
| Stafford     | 139      | 9                   | 6.5            | 148      | 11                  | 7.4            | 165      | 10                  | 6.1            |
| Sedgwick     | 22942    | 2902                | 12.6           | 23611    | 3164                | 13.4           | 24071    | 3706                | 15.4           |
| Sherman      | 248      | 15                  | 6.0            | 256      | 23                  | 9.0            | 235      | 11                  | 4.7            |
| Smith        | 102      | 2                   | 2.0            | 118      | 3                   | 2.5            | 114      | 5                   | 4.4            |
| Shawnee      | 7444     | 632                 | 8.5            | 7876     | 900                 | 11.4           | 8007     | 871                 | 10.9           |
| Stanton      | 92       | 2                   | 2.2            | 92       | 1                   | 1.1            | 110      | 12                  | 10.9           |
| Sumner       | 850      | 75                  | 8.8            | 885      | 111                 | 12.5           | 891      | 118                 | 13.2           |
| Stevens      | 228      | 26                  | 11.4           | 266      | 24                  | 9.0            | 260      | 32                  | 12.3           |
| Seward       | 1556     | 165                 | 10.6           | 1601     | 141                 | 8.8            | 1660     | 156                 | 9.4            |
| Thomas       | 286      | 23                  | 8.0            | 303      | 24                  | 7.9            | 299      | 37                  | 12.4           |
| Trego        | 71       | 11                  | 15.5           | 77       | 9                   | 11.7           | 76       | 11                  | 14.5           |
| Wallace      | 67       | 9                   | 13.4           | 61       | 2                   | 3.3            | 60       | 2                   | 3.3            |
| Wabaunsee    | 204      | 20                  | 9.8            | 181      | 7                   | 3.9            | 198      | 15                  | 7.6            |
| Wichita      | 92       | 21                  | 22.8           | 95       | 15                  | 15.8           | 92       | 16                  | 17.4           |
| Wilson       | 394      | 35                  | 8.9            | 410      | 51                  | 12.4           | 415      | 47                  | 11.3           |
| Woodson      | 85       | 9                   | 10.6           | 94       | 13                  | 13.8           | 100      | 10                  | 10.0           |
| Washington   | 176      | 22                  | 12.5           | 182      | 17                  | 9.3            | 173      | 24                  | 13.9           |
| Wyandotte    | 11663    | 1981                | 17.0           | 12067    | 2534                | 21.0           | 12192    | 2600                | 21.3           |

Table 17: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2018-2020 (*continued*)

| County      | 2020     |                             |                | 2019     |                             |                | 2018     |                             |                |
|-------------|----------|-----------------------------|----------------|----------|-----------------------------|----------------|----------|-----------------------------|----------------|
|             | Enrolled | Enrolled and Percent Tested | Percent Tested | Enrolled | Enrolled and Percent Tested | Percent Tested | Enrolled | Enrolled and Percent Tested | Percent Tested |
| State Total | 106486   | 12766                       | 12.0           | 111590   | 15520                       | 13.9           | 113911   | 17057                       | 15.0           |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.

Table 18: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2015-2017

| County     | 2017     |        |                | 2016     |        |                | 2015     |        |                |
|------------|----------|--------|----------------|----------|--------|----------------|----------|--------|----------------|
|            | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested | Enrolled |        | Percent Tested |
|            | Enrolled | Tested |                | Enrolled | Tested |                | Enrolled | Tested |                |
| Allen      | 1609     | 246    | 15.3           | 1367     | 217    | 15.9           | 1283     | 238    | 18.6           |
| Anderson   | 394      | 53     | 13.5           | 378      | 38     | 10.1           | 375      | 37     | 9.9            |
| Atchison   | 728      | 135    | 18.5           | 761      | 190    | 25.0           | 770      | 183    | 23.8           |
| Barber     | 213      | 30     | 14.1           | 202      | 41     | 20.3           | 198      | 31     | 15.7           |
| Bourbon    | 894      | 103    | 11.5           | 911      | 124    | 13.6           | 913      | 131    | 14.3           |
| Brown      | 478      | 85     | 17.8           | 519      | 103    | 19.8           | 530      | 72     | 13.6           |
| Barton     | 1322     | 149    | 11.3           | 1358     | 274    | 20.2           | 1333     | 207    | 15.5           |
| Butler     | 2091     | 205    | 9.8            | 2206     | 255    | 11.6           | 2281     | 240    | 10.5           |
| Clark      | 78       | 10     | 12.8           | 82       | 6      | 7.3            | 96       | 13     | 13.5           |
| Cloud      | 402      | 68     | 16.9           | 412      | 86     | 20.9           | 398      | 48     | 12.1           |
| Coffey     | 283      | 36     | 12.7           | 309      | 27     | 8.7            | 312      | 33     | 10.6           |
| Cherokee   | 935      | 187    | 20.0           | 992      | 218    | 22.0           | 1037     | 179    | 17.3           |
| Cowley     | 1788     | 451    | 25.2           | 1870     | 479    | 25.6           | 1925     | 427    | 22.2           |
| Comanche   | 70       | 5      | 7.1            | 93       | 6      | 6.5            | 77       | 11     | 14.3           |
| Cheyenne   | 96       | 4      | 4.2            | 93       | 10     | 10.8           | 86       | 5      | 5.8            |
| Chautauqua | 156      | 41     | 26.3           | 161      | 58     | 36.0           | 159      | 59     | 37.1           |
| Crawford   | 1882     | 359    | 19.1           | 1863     | 379    | 20.3           | 1863     | 323    | 17.3           |
| Chase      | 101      | 19     | 18.8           | 85       | 10     | 11.8           | 82       | 10     | 12.2           |
| Clay       | 320      | 71     | 22.2           | 330      | 63     | 19.1           | 350      | 60     | 17.1           |
| Decatur    | 120      | 13     | 10.8           | 118      | 21     | 17.8           | 121      | 17     | 14.0           |
| Douglas    | 3177     | 326    | 10.3           | 3288     | 370    | 11.3           | 3334     | 416    | 12.5           |
| Dickinson  | 750      | 147    | 19.6           | 785      | 129    | 16.4           | 791      | 112    | 14.2           |
| Doniphan   | 256      | 51     | 19.9           | 267      | 41     | 15.4           | 277      | 51     | 18.4           |
| Edwards    | 130      | 16     | 12.3           | 118      | 22     | 18.6           | 132      | 19     | 14.4           |
| Elk        | 104      | 6      | 5.8            | 114      | 12     | 10.5           | 118      | 11     | 9.3            |
| Ellis      | 786      | 59     | 7.5            | 826      | 91     | 11.0           | 810      | 66     | 8.1            |
| Ellsworth  | 154      | 45     | 29.2           | 160      | 53     | 33.1           | 163      | 41     | 25.2           |
| Finney     | 2650     | 419    | 15.8           | 2813     | 429    | 15.3           | 2850     | 431    | 15.1           |
| Ford       | 2627     | 729    | 27.8           | 2672     | 759    | 28.4           | 2684     | 700    | 26.1           |
| Franklin   | 1129     | 145    | 12.8           | 1201     | 140    | 11.7           | 1163     | 165    | 14.2           |
| Geary      | 1329     | 120    | 9.0            | 1312     | 174    | 13.3           | 1282     | 203    | 15.8           |
| Graham     | 74       | 22     | 29.7           | 78       | 23     | 29.5           | 86       | 19     | 22.1           |
| Greeley    | 44       | 11     | 25.0           | 41       | 9      | 22.0           | 46       | 9      | 19.6           |
| Gove       | 111      | 12     | 10.8           | 115      | 14     | 12.2           | 103      | 9      | 8.7            |
| Grant      | 469      | 52     | 11.1           | 482      | 52     | 10.8           | 496      | 68     | 13.7           |
| Greenwood  | 238      | 17     | 7.1            | 242      | 26     | 10.7           | 239      | 24     | 10.0           |
| Gray       | 284      | 38     | 13.4           | 293      | 68     | 23.2           | 274      | 69     | 25.2           |

Childhood Lead Poisoning in Kansas

Table 18: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2015-2017 (*continued*)

| County      | 2017     |                     |                | 2016     |                     |                | 2015     |                     |                |
|-------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|             | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Hodgeman    | 52       | 11                  | 21.2           | 51       | 13                  | 25.5           | 42       | 7                   | 16.7           |
| Hamilton    | 151      | 15                  | 9.9            | 150      | 12                  | 8.0            | 166      | 15                  | 9.0            |
| Harper      | 269      | 20                  | 7.4            | 275      | 28                  | 10.2           | 259      | 29                  | 11.2           |
| Haskell     | 197      | 19                  | 9.6            | 214      | 33                  | 15.4           | 203      | 26                  | 12.8           |
| Harvey      | 1295     | 197                 | 15.2           | 1388     | 267                 | 19.2           | 1414     | 285                 | 20.2           |
| Jackson     | 813      | 99                  | 12.2           | 864      | 152                 | 17.6           | 867      | 150                 | 17.3           |
| Jefferson   | 565      | 55                  | 9.7            | 590      | 73                  | 12.4           | 589      | 70                  | 11.9           |
| Johnson     | 12179    | 1785                | 14.7           | 12587    | 1807                | 14.4           | 12653    | 1784                | 14.1           |
| Jewell      | 89       | 12                  | 13.5           | 81       | 5                   | 6.2            | 77       | 11                  | 14.3           |
| Kearny      | 221      | 15                  | 6.8            | 252      | 26                  | 10.3           | 244      | 14                  | 5.7            |
| Kingman     | 222      | 33                  | 14.9           | 254      | 47                  | 18.5           | 226      | 34                  | 15.0           |
| Kiowa       | 126      | 6                   | 4.8            | 133      | 10                  | 7.5            | 120      | 11                  | 9.2            |
| Labette     | 1057     | 166                 | 15.7           | 1067     | 185                 | 17.3           | 1084     | 178                 | 16.4           |
| Lincoln     | 119      | 32                  | 26.9           | 114      | 28                  | 24.6           | 118      | 25                  | 21.2           |
| Lane        | 56       | 5                   | 8.9            | 59       | 3                   | 5.1            | 67       | 3                   | 4.5            |
| Logan       | 125      | 17                  | 13.6           | 120      | 16                  | 13.3           | 101      | 15                  | 14.9           |
| Linn        | 364      | 40                  | 11.0           | 415      | 50                  | 12.0           | 424      | 54                  | 12.7           |
| Leavenworth | 2272     | 467                 | 20.6           | 2307     | 503                 | 21.8           | 2273     | 491                 | 21.6           |
| Lyon        | 1310     | 194                 | 14.8           | 1359     | 224                 | 16.5           | 1394     | 213                 | 15.3           |
| Mitchell    | 196      | 12                  | 6.1            | 180      | 18                  | 10.0           | 180      | 19                  | 10.6           |
| Meade       | 180      | 31                  | 17.2           | 190      | 47                  | 24.7           | 195      | 36                  | 18.5           |
| Montgomery  | 1796     | 276                 | 15.4           | 1921     | 393                 | 20.5           | 1922     | 336                 | 17.5           |
| Miami       | 977      | 102                 | 10.4           | 1028     | 125                 | 12.2           | 1009     | 124                 | 12.3           |
| Marion      | 369      | 64                  | 17.3           | 372      | 61                  | 16.4           | 379      | 74                  | 19.5           |
| McPherson   | 787      | 143                 | 18.2           | 814      | 200                 | 24.6           | 822      | 153                 | 18.6           |
| Morris      | 211      | 13                  | 6.2            | 214      | 17                  | 7.9            | 222      | 23                  | 10.4           |
| Marshall    | 307      | 66                  | 21.5           | 318      | 73                  | 23.0           | 311      | 58                  | 18.6           |
| Morton      | 128      | 7                   | 5.5            | 128      | 7                   | 5.5            | 125      | 7                   | 5.6            |
| Nemaha      | 265      | 45                  | 17.0           | 279      | 56                  | 20.1           | 271      | 55                  | 20.3           |
| Neosho      | 747      | 118                 | 15.8           | 762      | 119                 | 15.6           | 774      | 97                  | 12.5           |
| Ness        | 82       | 9                   | 11.0           | 76       | 4                   | 5.3            | 69       | 7                   | 10.1           |
| Norton      | 205      | 29                  | 14.1           | 200      | 21                  | 10.5           | 197      | 26                  | 13.2           |
| Osborne     | 119      | 7                   | 5.9            | 116      | 9                   | 7.8            | 113      | 10                  | 8.8            |
| Osage       | 545      | 67                  | 12.3           | 579      | 62                  | 10.7           | 601      | 74                  | 12.3           |
| Ottawa      | 189      | 35                  | 18.5           | 229      | 30                  | 13.1           | 215      | 25                  | 11.6           |
| Phillips    | 147      | 10                  | 6.8            | 158      | 11                  | 7.0            | 170      | 14                  | 8.2            |

Childhood Lead Poisoning in Kansas

Table 18: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2015-2017 (*continued*)

| County       | 2017     |                     |                | 2016     |                     |                | 2015     |                     |                |
|--------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|              | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Pawnee       | 244      | 56                  | 23.0           | 250      | 35                  | 14.0           | 236      | 50                  | 21.2           |
| Pratt        | 405      | 65                  | 16.0           | 407      | 84                  | 20.6           | 400      | 71                  | 17.8           |
| Pottawatomie | 686      | 62                  | 9.0            | 706      | 67                  | 9.5            | 692      | 74                  | 10.7           |
| Rawlins      | 82       | 9                   | 11.0           | 79       | 14                  | 17.7           | 94       | 14                  | 14.9           |
| Rice         | 405      | 57                  | 14.1           | 426      | 58                  | 13.6           | 442      | 44                  | 10.0           |
| Rush         | 70       | 10                  | 14.3           | 85       | 11                  | 12.9           | 86       | 14                  | 16.3           |
| Riley        | 1624     | 203                 | 12.5           | 1579     | 242                 | 15.3           | 1594     | 213                 | 13.4           |
| Reno         | 2439     | 456                 | 18.7           | 2504     | 444                 | 17.7           | 2520     | 426                 | 16.9           |
| Rooks        | 169      | 37                  | 21.9           | 176      | 28                  | 15.9           | 183      | 34                  | 18.6           |
| Republic     | 166      | 10                  | 6.0            | 177      | 15                  | 8.5            | 181      | 17                  | 9.4            |
| Russell      | 267      | 38                  | 14.2           | 285      | 48                  | 16.8           | 298      | 27                  | 9.1            |
| Saline       | 2573     | 548                 | 21.3           | 2683     | 609                 | 22.7           | 2740     | 480                 | 17.5           |
| Scott        | 234      | 31                  | 13.2           | 232      | 38                  | 16.4           | 236      | 28                  | 11.9           |
| Sheridan     | 74       | 14                  | 18.9           | 66       | 4                   | 6.1            | 59       | 10                  | 16.9           |
| Stafford     | 177      | 20                  | 11.3           | 172      | 17                  | 9.9            | 167      | 22                  | 13.2           |
| Sedgwick     | 24836    | 3871                | 15.6           | 26038    | 4207                | 16.2           | 26635    | 4214                | 15.8           |
| Sherman      | 244      | 17                  | 7.0            | 274      | 15                  | 5.5            | 265      | 24                  | 9.1            |
| Smith        | 118      | 7                   | 5.9            | 113      | 4                   | 3.5            | 116      | 10                  | 8.6            |
| Shawnee      | 8271     | 907                 | 11.0           | 8502     | 1009                | 11.9           | 8593     | 1299                | 15.1           |
| Stanton      | 111      | 25                  | 22.5           | 116      | 27                  | 23.3           | 117      | 8                   | 6.8            |
| Sumner       | 924      | 103                 | 11.1           | 936      | 146                 | 15.6           | 946      | 141                 | 14.9           |
| Stevens      | 304      | 37                  | 12.2           | 318      | 46                  | 14.5           | 322      | 46                  | 14.3           |
| Seward       | 1732     | 187                 | 10.8           | 1875     | 274                 | 14.6           | 1935     | 257                 | 13.3           |
| Thomas       | 306      | 38                  | 12.4           | 311      | 44                  | 14.1           | 294      | 56                  | 19.0           |
| Trego        | 82       | 10                  | 12.2           | 82       | 12                  | 14.6           | 73       | 10                  | 13.7           |
| Wallace      | 63       | 9                   | 14.3           | 68       | 7                   | 10.3           | 62       | 4                   | 6.5            |
| Wabaunsee    | 196      | 11                  | 5.6            | 198      | 14                  | 7.1            | 202      | 13                  | 6.4            |
| Wichita      | 83       | 22                  | 26.5           | 88       | 21                  | 23.9           | 92       | 22                  | 23.9           |
| Wilson       | 449      | 43                  | 9.6            | 453      | 56                  | 12.4           | 458      | 59                  | 12.9           |
| Woodson      | 97       | 6                   | 6.2            | 107      | 8                   | 7.5            | 112      | 4                   | 3.6            |
| Washington   | 204      | 24                  | 11.8           | 218      | 35                  | 16.1           | 205      | 38                  | 18.5           |
| Wyandotte    | 12407    | 2835                | 22.9           | 13028    | 2855                | 21.9           | 13188    | 2908                | 22.1           |
| State Total  | 117046   | 18475               | 15.8           | 121313   | 20246               | 16.7           | 122476   | 19927               | 16.3           |

Source: Kansas Department of Health and Environment, Division of Health Care Finance.

Table 19: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2012-2014

| County     | 2014     |                     |                | 2013     |                     |                | 2012     |                     |                |
|------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|            | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Allen      | 1202     | 175                 | 14.6           | 1133     | 172                 | 15.2           | 1132     | 197                 | 17.4           |
| Anderson   | 349      | 38                  | 10.9           | 345      | 51                  | 14.8           | 322      | 51                  | 15.8           |
| Atchison   | 743      | 132                 | 17.8           | 729      | 170                 | 23.3           | 746      | 201                 | 26.9           |
| Barber     | 202      | 26                  | 12.9           | 196      | 27                  | 13.8           | 194      | 34                  | 17.5           |
| Bourbon    | 940      | 105                 | 11.2           | 920      | 115                 | 12.5           | 906      | 142                 | 15.7           |
| Brown      | 544      | 78                  | 14.3           | 560      | 98                  | 17.5           | 575      | 116                 | 20.2           |
| Barton     | 1367     | 144                 | 10.5           | 1417     | 213                 | 15.0           | 1444     | 174                 | 12.0           |
| Butler     | 2353     | 275                 | 11.7           | 2391     | 303                 | 12.7           | 2346     | 271                 | 11.6           |
| Clark      | 92       | 12                  | 13.0           | 93       | 14                  | 15.1           | 86       | 15                  | 17.4           |
| Cloud      | 387      | 70                  | 18.1           | 393      | 65                  | 16.5           | 390      | 56                  | 14.4           |
| Coffey     | 322      | 39                  | 12.1           | 329      | 40                  | 12.2           | 327      | 55                  | 16.8           |
| Cherokee   | 1071     | 154                 | 14.4           | 1120     | 187                 | 16.7           | 1111     | 214                 | 19.3           |
| Cowley     | 1938     | 360                 | 18.6           | 1901     | 459                 | 24.1           | 1931     | 501                 | 25.9           |
| Comanche   | 66       | 5                   | 7.6            | 61       | 13                  | 21.3           | 53       | 5                   | 9.4            |
| Cheyenne   | 77       | 6                   | 7.8            | 85       | 13                  | 15.3           | 93       | 7                   | 7.5            |
| Chautauqua | 161      | 37                  | 23.0           | 167      | 58                  | 34.7           | 171      | 60                  | 35.1           |
| Crawford   | 1938     | 268                 | 13.8           | 1962     | 380                 | 19.4           | 1980     | 386                 | 19.5           |
| Chase      | 90       | 14                  | 15.6           | 78       | 13                  | 16.7           | 76       | 12                  | 15.8           |
| Clay       | 331      | 79                  | 23.9           | 317      | 81                  | 25.6           | 294      | 68                  | 23.1           |
| Decatur    | 111      | 11                  | 9.9            | 113      | 17                  | 15.0           | 109      | 8                   | 7.3            |
| Douglas    | 3331     | 454                 | 13.6           | 3321     | 489                 | 14.7           | 3279     | 459                 | 14.0           |
| Dickinson  | 794      | 112                 | 14.1           | 786      | 146                 | 18.6           | 775      | 191                 | 24.6           |
| Doniphan   | 278      | 58                  | 20.9           | 247      | 61                  | 24.7           | 233      | 29                  | 12.4           |
| Edwards    | 129      | 16                  | 12.4           | 139      | 28                  | 20.1           | 139      | 27                  | 19.4           |
| Elk        | 123      | 14                  | 11.4           | 112      | 12                  | 10.7           | 115      | 11                  | 9.6            |
| Ellis      | 812      | 69                  | 8.5            | 807      | 158                 | 19.6           | 823      | 135                 | 16.4           |
| Ellsworth  | 160      | 32                  | 20.0           | 165      | 41                  | 24.8           | 175      | 57                  | 32.6           |
| Finney     | 2897     | 396                 | 13.7           | 2921     | 462                 | 15.8           | 2919     | 392                 | 13.4           |
| Ford       | 2682     | 599                 | 22.3           | 2675     | 758                 | 28.3           | 2636     | 706                 | 26.8           |
| Franklin   | 1203     | 172                 | 14.3           | 1179     | 171                 | 14.5           | 1198     | 168                 | 14.0           |
| Geary      | 1320     | 220                 | 16.7           | 1346     | 241                 | 17.9           | 1356     | 244                 | 18.0           |
| Graham     | 91       | 13                  | 14.3           | 99       | 28                  | 28.3           | 95       | 25                  | 26.3           |
| Greeley    | 49       | 11                  | 22.4           | 56       | 18                  | 32.1           | 55       | 14                  | 25.5           |
| Gove       | 106      | 5                   | 4.7            | 113      | 16                  | 14.2           | 109      | 14                  | 12.8           |
| Grant      | 507      | 52                  | 10.3           | 529      | 65                  | 12.3           | 536      | 62                  | 11.6           |
| Greenwood  | 272      | 36                  | 13.2           | 269      | 57                  | 21.2           | 294      | 76                  | 25.9           |
| Gray       | 296      | 42                  | 14.2           | 295      | 48                  | 16.3           | 312      | 51                  | 16.3           |



Childhood Lead Poisoning in Kansas

Table 19: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2012-2014 (*continued*)

| County      | 2014     |                     |                | 2013     |                     |                | 2012     |                     |                |
|-------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|             | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Hodgeman    | 44       | 5                   | 11.4           | 41       | 9                   | 22.0           | 41       | 14                  | 34.1           |
| Hamilton    | 163      | 14                  | 8.6            | 156      | 14                  | 9.0            | 162      | 15                  | 9.3            |
| Harper      | 240      | 24                  | 10.0           | 262      | 24                  | 9.2            | 259      | 34                  | 13.1           |
| Haskell     | 231      | 21                  | 9.1            | 244      | 53                  | 21.7           | 240      | 33                  | 13.8           |
| Harvey      | 1422     | 313                 | 22.0           | 1416     | 279                 | 19.7           | 1425     | 245                 | 17.2           |
| Jackson     | 814      | 91                  | 11.2           | 765      | 125                 | 16.3           | 718      | 132                 | 18.4           |
| Jefferson   | 586      | 80                  | 13.7           | 595      | 89                  | 15.0           | 600      | 92                  | 15.3           |
| Johnson     | 12875    | 1690                | 13.1           | 12831    | 1867                | 14.6           | 12865    | 1725                | 13.4           |
| Jewell      | 74       | 7                   | 9.5            | 74       | 8                   | 10.8           | 79       | 18                  | 22.8           |
| Kearny      | 266      | 32                  | 12.0           | 254      | 25                  | 9.8            | 240      | 22                  | 9.2            |
| Kingman     | 217      | 31                  | 14.3           | 209      | 29                  | 13.9           | 198      | 24                  | 12.1           |
| Kiowa       | 115      | 9                   | 7.8            | 100      | 7                   | 7.0            | 98       | 7                   | 7.1            |
| Labette     | 1105     | 221                 | 20.0           | 1112     | 165                 | 14.8           | 1154     | 206                 | 17.9           |
| Lincoln     | 124      | 17                  | 13.7           | 123      | 29                  | 23.6           | 126      | 33                  | 26.2           |
| Lane        | 61       | 7                   | 11.5           | 59       | 9                   | 15.3           | 59       | 3                   | 5.1            |
| Logan       | 104      | 15                  | 14.4           | 99       | 16                  | 16.2           | 97       | 17                  | 17.5           |
| Linn        | 404      | 53                  | 13.1           | 418      | 77                  | 18.4           | 430      | 55                  | 12.8           |
| Leavenworth | 2226     | 428                 | 19.2           | 2180     | 517                 | 23.7           | 2172     | 475                 | 21.9           |
| Lyon        | 1464     | 242                 | 16.5           | 1534     | 258                 | 16.8           | 1591     | 267                 | 16.8           |
| Mitchell    | 163      | 24                  | 14.7           | 166      | 32                  | 19.3           | 171      | 58                  | 33.9           |
| Meade       | 203      | 32                  | 15.8           | 213      | 44                  | 20.7           | 219      | 46                  | 21.0           |
| Montgomery  | 1942     | 330                 | 17.0           | 1972     | 346                 | 17.5           | 1918     | 264                 | 13.8           |
| Miami       | 993      | 136                 | 13.7           | 1023     | 249                 | 24.3           | 1000     | 109                 | 10.9           |
| Marion      | 376      | 71                  | 18.9           | 356      | 95                  | 26.7           | 370      | 75                  | 20.3           |
| McPherson   | 873      | 119                 | 13.6           | 920      | 180                 | 19.6           | 917      | 132                 | 14.4           |
| Morris      | 197      | 20                  | 10.2           | 197      | 15                  | 7.6            | 205      | 20                  | 9.8            |
| Marshall    | 305      | 54                  | 17.7           | 304      | 81                  | 26.6           | 309      | 98                  | 31.7           |
| Morton      | 126      | 9                   | 7.1            | 142      | 15                  | 10.6           | 151      | 9                   | 6.0            |
| Nemaha      | 276      | 56                  | 20.3           | 271      | 85                  | 31.4           | 273      | 80                  | 29.3           |
| Neosho      | 814      | 113                 | 13.9           | 853      | 141                 | 16.5           | 840      | 157                 | 18.7           |
| Ness        | 79       | 7                   | 8.9            | 74       | 8                   | 10.8           | 75       | 9                   | 12.0           |
| Norton      | 197      | 19                  | 9.6            | 184      | 35                  | 19.0           | 164      | 13                  | 7.9            |
| Osborne     | 95       | 8                   | 8.4            | 101      | 5                   | 5.0            | 102      | 7                   | 6.9            |
| Osage       | 610      | 63                  | 10.3           | 594      | 76                  | 12.8           | 586      | 74                  | 12.6           |
| Ottawa      | 230      | 33                  | 14.3           | 230      | 45                  | 19.6           | 240      | 40                  | 16.7           |
| Phillips    | 173      | 9                   | 5.2            | 171      | 17                  | 9.9            | 172      | 14                  | 8.1            |

Childhood Lead Poisoning in Kansas

Table 19: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2012-2014 (*continued*)

| County       | 2014     |                     |                | 2013     |                     |                | 2012     |                     |                |
|--------------|----------|---------------------|----------------|----------|---------------------|----------------|----------|---------------------|----------------|
|              | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Pawnee       | 241      | 40                  | 16.6           | 241      | 57                  | 23.7           | 235      | 62                  | 26.4           |
| Pratt        | 397      | 36                  | 9.1            | 388      | 62                  | 16.0           | 405      | 110                 | 27.2           |
| Pottawatomie | 692      | 71                  | 10.3           | 694      | 77                  | 11.1           | 690      | 88                  | 12.8           |
| Rawlins      | 93       | 16                  | 17.2           | 83       | 17                  | 20.5           | 79       | 12                  | 15.2           |
| Rice         | 458      | 53                  | 11.6           | 439      | 62                  | 14.1           | 441      | 66                  | 15.0           |
| Rush         | 82       | 15                  | 18.3           | 83       | 7                   | 8.4            | 88       | 17                  | 19.3           |
| Riley        | 1604     | 219                 | 13.7           | 1619     | 234                 | 14.5           | 1571     | 284                 | 18.1           |
| Reno         | 2638     | 418                 | 15.8           | 2742     | 508                 | 18.5           | 2807     | 489                 | 17.4           |
| Rooks        | 187      | 18                  | 9.6            | 198      | 42                  | 21.2           | 194      | 52                  | 26.8           |
| Republic     | 165      | 14                  | 8.5            | 168      | 17                  | 10.1           | 162      | 25                  | 15.4           |
| Russell      | 304      | 21                  | 6.9            | 317      | 35                  | 11.0           | 306      | 36                  | 11.8           |
| Saline       | 2807     | 426                 | 15.2           | 2833     | 517                 | 18.2           | 2853     | 541                 | 19.0           |
| Scott        | 243      | 25                  | 10.3           | 262      | 23                  | 8.8            | 267      | 19                  | 7.1            |
| Sheridan     | 51       | 6                   | 11.8           | 57       | 12                  | 21.1           | 66       | 14                  | 21.2           |
| Stafford     | 160      | 14                  | 8.8            | 180      | 27                  | 15.0           | 174      | 22                  | 12.6           |
| Sedgwick     | 27263    | 4456                | 16.3           | 27593    | 4778                | 17.3           | 27942    | 4258                | 15.2           |
| Sherman      | 299      | 12                  | 4.0            | 285      | 41                  | 14.4           | 288      | 49                  | 17.0           |
| Smith        | 114      | 11                  | 9.6            | 114      | 15                  | 13.2           | 130      | 23                  | 17.7           |
| Shawnee      | 8676     | 1217                | 14.0           | 8732     | 1240                | 14.2           | 8745     | 1216                | 13.9           |
| Stanton      | 134      | 1                   | 0.7            | 128      | 7                   | 5.5            | 133      | 7                   | 5.3            |
| Sumner       | 982      | 153                 | 15.6           | 996      | 135                 | 13.6           | 1025     | 135                 | 13.2           |
| Stevens      | 330      | 33                  | 10.0           | 324      | 43                  | 13.3           | 334      | 43                  | 12.9           |
| Seward       | 2003     | 204                 | 10.2           | 2119     | 303                 | 14.3           | 2223     | 339                 | 15.2           |
| Thomas       | 290      | 35                  | 12.1           | 278      | 43                  | 15.5           | 264      | 40                  | 15.2           |
| Trego        | 63       | 12                  | 19.0           | 58       | 10                  | 17.2           | 64       | 11                  | 17.2           |
| Wallace      | 60       | 11                  | 18.3           | 54       | 6                   | 11.1           | 56       | 5                   | 8.9            |
| Wabaunsee    | 197      | 15                  | 7.6            | 188      | 16                  | 8.5            | 184      | 21                  | 11.4           |
| Wichita      | 110      | 16                  | 14.5           | 92       | 23                  | 25.0           | 98       | 15                  | 15.3           |
| Wilson       | 478      | 65                  | 13.6           | 498      | 64                  | 12.9           | 473      | 66                  | 14.0           |
| Woodson      | 119      | 10                  | 8.4            | 123      | 16                  | 13.0           | 123      | 9                   | 7.3            |
| Washington   | 179      | 23                  | 12.8           | 168      | 29                  | 17.3           | 166      | 36                  | 21.7           |
| Wyandotte    | 13191    | 2180                | 16.5           | 13268    | 2906                | 21.9           | 13420    | 2925                | 21.8           |
| State Total  | 124131   | 18578               | 15.0           | 124934   | 21729               | 17.4           | 125607   | 20891               | 16.6           |

Source: Kansas Department of Health and Environment, Division of Health Care Finance.

Table 20: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2010-2011

| County     | 2011         |        |                | 2010         |        |                |
|------------|--------------|--------|----------------|--------------|--------|----------------|
|            | Enrolled and |        | Percent Tested | Enrolled and |        | Percent Tested |
|            | Enrolled     | Tested |                | Enrolled     | Tested |                |
| Allen      | 1049         | 169    | 16.1           | 1002         | 179    | 17.9           |
| Anderson   | 326          | 55     | 16.9           | 332          | 73     | 22.0           |
| Atchison   | 748          | 193    | 25.8           | 713          | 166    | 23.3           |
| Barber     | 182          | 33     | 18.1           | 145          | 30     | 20.7           |
| Bourbon    | 888          | 113    | 12.7           | 808          | 114    | 14.1           |
| Brown      | 562          | 108    | 19.2           | 551          | 110    | 20.0           |
| Barton     | 1371         | 261    | 19.0           | 1322         | 195    | 14.8           |
| Butler     | 2395         | 316    | 13.2           | 2274         | 282    | 12.4           |
| Clark      | 76           | 15     | 19.7           | 71           | 14     | 19.7           |
| Cloud      | 360          | 70     | 19.4           | 347          | 50     | 14.4           |
| Coffey     | 320          | 61     | 19.1           | 307          | 46     | 15.0           |
| Cherokee   | 1167         | 199    | 17.1           | 1073         | 197    | 18.4           |
| Cowley     | 1854         | 483    | 26.1           | 1780         | 391    | 22.0           |
| Comanche   | 51           | 8      | 15.7           | 43           | 6      | 14.0           |
| Cheyenne   | 88           | 11     | 12.5           | 80           | 8      | 10.0           |
| Chautauqua | 154          | 30     | 19.5           | 160          | 37     | 23.1           |
| Crawford   | 1942         | 312    | 16.1           | 1913         | 304    | 15.9           |
| Chase      | 70           | 14     | 20.0           | 65           | 7      | 10.8           |
| Clay       | 281          | 59     | 21.0           | 293          | 71     | 24.2           |
| Decatur    | 99           | 7      | 7.1            | 86           | 14     | 16.3           |
| Douglas    | 3162         | 441    | 13.9           | 2943         | 444    | 15.1           |
| Dickinson  | 751          | 189    | 25.2           | 683          | 150    | 22.0           |
| Doniphan   | 257          | 31     | 12.1           | 223          | 28     | 12.6           |
| Edwards    | 121          | 24     | 19.8           | 125          | 24     | 19.2           |
| Elk        | 121          | 16     | 13.2           | 108          | 12     | 11.1           |
| Ellis      | 800          | 80     | 10.0           | 756          | 116    | 15.3           |
| Ellsworth  | 167          | 52     | 31.1           | 148          | 32     | 21.6           |
| Finney     | 2836         | 353    | 12.4           | 2700         | 340    | 12.6           |
| Ford       | 2490         | 691    | 27.8           | 2324         | 592    | 25.5           |
| Franklin   | 1159         | 202    | 17.4           | 1095         | 195    | 17.8           |
| Geary      | 1284         | 223    | 17.4           | 1241         | 161    | 13.0           |
| Graham     | 73           | 18     | 24.7           | 70           | 11     | 15.7           |
| Greeley    | 50           | 16     | 32.0           | 45           | 12     | 26.7           |
| Gove       | 103          | 9      | 8.7            | 100          | 11     | 11.0           |
| Grant      | 484          | 47     | 9.7            | 478          | 42     | 8.8            |
| Greenwood  | 300          | 75     | 25.0           | 309          | 71     | 23.0           |
| Gray       | 302          | 53     | 17.5           | 277          | 37     | 13.4           |

Table 20: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2010-2011 (*continued*)

| County      | 2011     |                     |                | 2010     |                     |                |
|-------------|----------|---------------------|----------------|----------|---------------------|----------------|
|             | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Hodgeman    | 40       | 17                  | 42.5           | 36       | 8                   | 22.2           |
| Hamilton    | 154      | 13                  | 8.4            | 151      | 13                  | 8.6            |
| Harper      | 236      | 27                  | 11.4           | 221      | 29                  | 13.1           |
| Haskell     | 243      | 46                  | 18.9           | 249      | 37                  | 14.9           |
| Harvey      | 1409     | 268                 | 19.0           | 1320     | 180                 | 13.6           |
| Jackson     | 684      | 122                 | 17.8           | 621      | 139                 | 22.4           |
| Jefferson   | 595      | 84                  | 14.1           | 572      | 93                  | 16.3           |
| Johnson     | 12179    | 1862                | 15.3           | 11423    | 1719                | 15.0           |
| Jewell      | 82       | 14                  | 17.1           | 72       | 7                   | 9.7            |
| Kearny      | 220      | 23                  | 10.5           | 198      | 17                  | 8.6            |
| Kingman     | 190      | 21                  | 11.1           | 193      | 7                   | 3.6            |
| Kiowa       | 89       | 8                   | 9.0            | 83       | 12                  | 14.5           |
| Labette     | 1167     | 203                 | 17.4           | 1103     | 200                 | 18.1           |
| Lincoln     | 120      | 24                  | 20.0           | 121      | 32                  | 26.4           |
| Lane        | 47       | 5                   | 10.6           | 49       | 6                   | 12.2           |
| Logan       | 94       | 14                  | 14.9           | 85       | 15                  | 17.6           |
| Linn        | 407      | 73                  | 17.9           | 396      | 63                  | 15.9           |
| Leavenworth | 2074     | 479                 | 23.1           | 1995     | 463                 | 23.2           |
| Lyon        | 1519     | 265                 | 17.4           | 1527     | 278                 | 18.2           |
| Mitchell    | 167      | 46                  | 27.5           | 174      | 37                  | 21.3           |
| Meade       | 214      | 45                  | 21.0           | 216      | 52                  | 24.1           |
| Montgomery  | 1874     | 259                 | 13.8           | 1802     | 222                 | 12.3           |
| Miami       | 938      | 140                 | 14.9           | 864      | 132                 | 15.3           |
| Marion      | 377      | 82                  | 21.8           | 365      | 47                  | 12.9           |
| McPherson   | 858      | 157                 | 18.3           | 845      | 129                 | 15.3           |
| Morris      | 183      | 32                  | 17.5           | 182      | 13                  | 7.1            |
| Marshall    | 295      | 83                  | 28.1           | 313      | 91                  | 29.1           |
| Morton      | 143      | 7                   | 4.9            | 158      | 9                   | 5.7            |
| Nemaha      | 266      | 74                  | 27.8           | 233      | 71                  | 30.5           |
| Neosho      | 834      | 157                 | 18.8           | 828      | 141                 | 17.0           |
| Ness        | 81       | 5                   | 6.2            | 75       | 5                   | 6.7            |
| Norton      | 163      | 15                  | 9.2            | 144      | 16                  | 11.1           |
| Osborne     | 98       | 8                   | 8.2            | 87       | 10                  | 11.5           |
| Osage       | 588      | 87                  | 14.8           | 608      | 95                  | 15.6           |
| Ottawa      | 240      | 50                  | 20.8           | 234      | 39                  | 16.7           |
| Phillips    | 185      | 20                  | 10.8           | 166      | 12                  | 7.2            |

Table 20: Blood Lead Testing for Medicaid Recipients Aged less than or equal to 72 Months by County, 2010-2011 (*continued*)

| County       | 2011     |                     |                | 2010     |                     |                |
|--------------|----------|---------------------|----------------|----------|---------------------|----------------|
|              | Enrolled | Enrolled and Tested | Percent Tested | Enrolled | Enrolled and Tested | Percent Tested |
| Pawnee       | 237      | 51                  | 21.5           | 207      | 49                  | 23.7           |
| Pratt        | 388      | 97                  | 25.0           | 364      | 83                  | 22.8           |
| Pottawatomie | 686      | 88                  | 12.8           | 660      | 83                  | 12.6           |
| Rawlins      | 90       | 14                  | 15.6           | 76       | 10                  | 13.2           |
| Rice         | 415      | 77                  | 18.6           | 390      | 74                  | 19.0           |
| Rush         | 98       | 21                  | 21.4           | 86       | 24                  | 27.9           |
| Riley        | 1520     | 241                 | 15.9           | 1404     | 249                 | 17.7           |
| Reno         | 2736     | 544                 | 19.9           | 2691     | 554                 | 20.6           |
| Rooks        | 192      | 38                  | 19.8           | 204      | 34                  | 16.7           |
| Republic     | 160      | 32                  | 20.0           | 152      | 22                  | 14.5           |
| Russell      | 288      | 46                  | 16.0           | 268      | 38                  | 14.2           |
| Saline       | 2758     | 545                 | 19.8           | 2612     | 600                 | 23.0           |
| Scott        | 250      | 23                  | 9.2            | 247      | 27                  | 10.9           |
| Sheridan     | 63       | 10                  | 15.9           | 66       | 7                   | 10.6           |
| Stafford     | 178      | 26                  | 14.6           | 175      | 19                  | 10.9           |
| Sedgwick     | 27104    | 4956                | 18.3           | 25975    | 5073                | 19.5           |
| Sherman      | 279      | 50                  | 17.9           | 259      | 35                  | 13.5           |
| Smith        | 128      | 24                  | 18.8           | 120      | 22                  | 18.3           |
| Shawnee      | 8532     | 1135                | 13.3           | 8206     | 1245                | 15.2           |
| Stanton      | 138      | 4                   | 2.9            | 137      | 9                   | 6.6            |
| Sumner       | 984      | 175                 | 17.8           | 933      | 89                  | 9.5            |
| Stevens      | 310      | 49                  | 15.8           | 306      | 39                  | 12.7           |
| Seward       | 2179     | 173                 | 7.9            | 2160     | 260                 | 12.0           |
| Thomas       | 265      | 41                  | 15.5           | 243      | 29                  | 11.9           |
| Trego        | 60       | 15                  | 25.0           | 72       | 14                  | 19.4           |
| Wallace      | 51       | 6                   | 11.8           | 52       | 6                   | 11.5           |
| Wabaunsee    | 167      | 16                  | 9.6            | 160      | 16                  | 10.0           |
| Wichita      | 99       | 27                  | 27.3           | 95       | 37                  | 38.9           |
| Wilson       | 456      | 55                  | 12.1           | 444      | 62                  | 14.0           |
| Woodson      | 123      | 17                  | 13.8           | 124      | 21                  | 16.9           |
| Washington   | 161      | 30                  | 18.6           | 158      | 33                  | 20.9           |
| Wyandotte    | 12971    | 2658                | 20.5           | 12372    | 2435                | 19.7           |
| State Total  | 121562   | 21156               | 17.4           | 116117   | 20309               | 17.5           |

*Source:* Kansas Department of Health and Environment, Division of Health Care Finance.