

Kentucky Annual School Immunization Survey Report 2014 - 2015



Kentucky Public Health
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**Kentucky Immunization Program
Kentucky Department for Public Health
Cabinet for Health and Family Services**

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This report about age-specific immunizations of Kentucky school-aged children in public and private elementary and middle schools was prepared after analysis and interpretation of results for data reported to the Kentucky Department for Public Health through March 20, 2015.

Acknowledgements

This report was prepared by:

Hollie R. Sands, MPH, Epidemiologist III, Kentucky Immunization Program

Robert L Brawley, MD, MPH, FSHEA, Chief, Infectious Disease Branch

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The report profile was also created in collaboration with the Centers for Disease Control and Prevention (CDC).

School Immunization Reporting Requirement

According to state regulation 902 KAR 2:055 §2, “(1) Kindergartens and public and private elementary and secondary schools shall submit to the local health department in their area immunization results for kindergartens and sixth grades” on the Commonwealth of Kentucky School/Facility Annual Immunization Survey and “(2) The annual survey shall include the number of: (a) Students in the grade surveyed; (b) Missing immunization records; (c) Religious exemptions; (d) Medical exemptions; and (e) Children who have received age-appropriate immunizations.”

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Chart Labels

The following labels are for charts and tables used throughout this report:

- # of Children: Number of children at the school in that grade/group
- # Cert: Number children in that grade/group with Current, Provisional or Expired Certificates
- Miss. Cert: Number of children with a missing certificate (i.e., no certificate on file at the school)
- Med Ex: Number of children with a Commonwealth of Kentucky Certificate of Medical Exemption on file at the school
- Rel Ex: Number of children with a Commonwealth of Kentucky Certificate of Religious Exemption on file at the school
- DTaP: Number of children with 4 or more doses of Diphtheria, Tetanus, and Acellular Pertussis vaccine
- Polio: Number of children with 3 or more doses of Poliovirus vaccine
- MMR: Number of children with 1 dose of Measles, Mumps, Rubella (MMR) vaccine; or 1 dose of MMR vaccine plus 1 dose a measles containing vaccine; or 2 doses of MMR vaccine depending on a child's age
- MCV: Number of children with 1 or more doses of quadrivalent Meningococcal vaccine
- HepB: Number of children with 3 or more doses of Hepatitis B vaccine
- Varicella or VAR: Number of children with 1 or 2 doses of Varicella vaccine depending on a child's age
- Tdap/Td Booster: Number of sixth grade children with a Tetanus, Diphtheria, and Acellular Pertussis (Tdap) or Tetanus Diphtheria (Td) booster after 10 years of age

Introduction

The Kentucky Immunization Program (KIP) conducts an Annual School and Childcare Immunization Survey to assess the vaccine coverage of children in accordance with Kentucky Administrative Regulation 902 KAR 2:055 and Kentucky Revised Statute KRS 158.037.

The survey targets all Kentucky kindergarten and sixth grade students. The purpose of this report is to disseminate the results of the survey for the 2014-2015 school year and offer recommendations to improve rates of immunization in Kentucky to reduce illness and death from vaccine-preventable diseases (VPDs).

Methods

The Kentucky Annual School Immunization Survey tool for 2014 - 2015 (see Appendix A) was distributed to each local health department (LHD) by KIP in mid-August 2014 in paper and electronic formats. LHDs distributed the survey materials to every public and private school with at least one kindergarten class and/or sixth grade class. In 2014, each child was assessed for the presence of an immunization certificate on file, the certificate's expiration date, and the number of doses of each age-appropriate vaccine received. The Kentucky Immunization Program asked schools to assess each certificate for receipt of the following immunizations:

- Four or more doses of DTaP,
- Three or more doses of Polio,
- Three or more doses of Hepatitis B,
- Two doses of MMR,
- Two doses of Varicella or a history of chickenpox disease,
- One dose of Tdap or one dose of Td Booster (for students older than 10 years of age), and
- One dose of quadrivalent Meningococcal (for students older than 10 years of age).

Each immunization certificate of a child that qualified by grade or age to be included in the assessment was reviewed, and immunization data were documented on the survey.

The survey did not collect individual immunization information for each child, but instead requested aggregated totals for the whole grade or group for a particular school. However, for data cleaning purposes, schools were asked to complete and return a worksheet listing children enrolled in the assessed age group, aiding in the reporting of individualized vaccination records. KIP did not request personal identifiers; rather, schools were asked to assign random tracking identities for students. This protected student confidentiality while also providing a mechanism for KIP to identify problematic data for schools to reassess. Variables collected on the worksheet mirrored survey questions, presenting an avenue for schools to accurately count children with current and up-to-date vaccinations.

Schools which used the Kentucky Department for Education (DOE) Infinite Campus system, a Web-based individualized school record and tracking system, were asked to submit a report displaying an aggregate count of the variables contained within the survey in lieu of completing the worksheet. Of the schools

completing the survey in the paper format, over 50% of public institutions remitted the Immunization Compliance Report and Dose Count Summary in lieu of completing the paper worksheet format.

Completed paper surveys were returned to the LHDs which, in turn, forwarded them back to KIP for data entry, analysis, and reporting. Qualtrics Web-based survey software was used to develop the online survey interface and conduct the online survey. The online survey had built-in validation checks, reducing error possibility prior to submitting data to DPH.

The deadline to complete and return surveys, or submit electronically, was December 31, 2014. Each survey was reviewed by KIP staff to ensure reliability and validity. Schools that submitted surveys with missing or invalid information were contacted via phone and asked to make corrections or to resubmit the survey.

Multiple attempts were made to obtain completed surveys from nonresponsive schools after the deadline. LHD personnel were asked to follow up with noncompliant entities in their county at least three times, one or more of those times in writing. If attempts to collect survey data from schools, particularly kindergartens, were unsuccessful, KIP field and central staff made site visits during the months of February and March 2015 to review charts and to directly collect the data. This enabled KIP staff to report 100% of school-based kindergarteners' (both public and private) aggregate vaccine-specific data to CDC by the April 30, 2015 deadline.

Any survey received after March 20, 2015, was not included in the analysis.

An amendment to 902 KAR 2:055 was enacted and became effective in December 2014, no longer requiring childcare facilities to annually submit age-specific immunization surveys to DPH. Thus, compared to prior years, this report has no content about immunization compliance at childcare facilities.

All of the survey data were entered into SPSS v.20, duplicates were removed, and the information was analyzed, interpreted, and organized into this report.

Several objectives for Immunizations are defined by Healthy People 2020 (HP 2020), <http://www.healthypeople.gov/2020/topics-objectives/topic/immunization-and-infectious-diseases>. The attainment of age-appropriate target measure for these Objectives is used annually by the Kentucky Immunization Program to identify successful measures of vaccination compliance for school age children.

These age-appropriate HP 2020 target measures are assessed in a school:

Kindergarten:

- Greater than 95% for 4+ DTaP, 3+ Polio, 3+ HepB, 2 MMR, and 2 Varicella;

Sixth Grade:

- Greater than 95% for 3+ HepB and 2 MMR,
- Greater than 90% for 2 Varicella, and
- Greater than 80% for 1 Tdap and 1 MCV

Results

Response rates for both kindergarten and sixth grades were 100% this year. This completed response was a direct result of the KIP implementing a mandatory reporting requirement for kindergarten compliance. Field and central staff were used to collect kindergarten and sixth grade data in areas where survey returns were low in previous years, further increasing response rates in counties where surveys had not been completed by the deadline.

Table 1 gives an overview of the total response rate for the survey in school year 2014-2015 compared to the previous six school years (i.e., 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, and 2013-2014). Both LHD and KIP staff helped immensely to increase survey compliance the past three years. LHDs were integral in assisting with distribution lists and clarification of district mergers and school closures in their respective counties, in addition to diligently working to collect surveys from nonresponsive institutions. KIP staff conducted site visits after deadlines elapsed to collect data from nonresponsive schools housing a kindergarten. This extra effort assured 100% reporting of both age groups for the 2014-2015 school year.

Table 1. Survey Response Rates by Age Group, 2014-2015 and Previous Six School Years

Assessment School Year		Sixth Grade		Kindergarten		Childcare	
		No.	%	No.	%	No.	%
2014-2015	Number of Schools	613	100	925	100	N/A	N/A
2013-2014	Number of Schools/Facilities	590	97.0	946	100	1,805	62.5
2012-2013	Number of Schools/Facilities	569	95.0	917	96.0	1,813	59.8
2011-2012	Number of Schools/Facilities	572	85.6	915	88.7	1,798	70.8
2010-2011	Number of Schools/Facilities	525	77.7	818	79.2	265	10.8
2009-2010	Number of Schools/Facilities	544	81.6	866	85.1	1,735	71.0
2008-2009	Number of Schools/Facilities	580	84.3	935	93.7	1,998	62.2

Table 2 shows the number of children in 2014-2015 with medical or religious exemptions and the number of children who have received the required number of age-appropriate doses of each vaccine. A medical or religious exemption must be indicated on a Commonwealth of Kentucky Certificate of Medical Exemption or a Commonwealth of Kentucky Certificate of Religious Exemption, respectively. Children who were not up-to-date on required immunizations were given a 30-day grace period to become up-to-date or to begin a vaccine series towards becoming up-to-date. Immunization certificates

were documented in 96.2% of Kindergartners and 98.6% of 6th graders. Overall, less than 3% of all children surveyed had missing certificates and <1% had a medical or a religious exemption on file.

Kentucky medical providers did a commendable job of administering the appropriate number of age-specific vaccines. Statewide, compliance rates for vaccine administration were above 90% for all vaccines except for Varicella, Tdap, and MCV in sixth grade students.

Despite the high reported rates, the state averages for all vaccines for children in kindergarten are still below the Healthy People (HP) 2020 Objectives¹ of 95% for 4+ DTaP, 3+ Polio, 3+ HepB, 2 MMR, and 2 Varicella. However, the state averages met the sixth grade HP 2020 Objectives for 2 MMR, 3+ HepB, 1 Tdap, and 1 MCV, but were below the 90% objective for two doses of Varicella vaccine. The county profile pages in Appendix B indicate whether the HP 2020 Objectives¹ for age groups for specific vaccines were met for the 2014-2015 school year for each county.

Table 3 provides the minimum, median, maximum, and average coverage rates for each immunization. This Table can be used in conjunction with Appendix C to assess a county's coverage level. When using the statistics comparison table, please note that acceptable immunization coverage levels for all antigens according to the Centers for Disease Control and Prevention (CDC) would be 90% or greater. The range of age-specific vaccination rates could vary significantly as a result of the self-report methodology, and caution should be used when interpreting results based on low reporting numbers. In addition, some schools complete the survey within the first few weeks of receiving the package, counting children as noncompliant when doctor's appointments are scheduled for immunizations. Other schools or facilities wait until the final deadline in December, working towards getting all students current and up-to-date prior to reporting. These factors could contribute to variations in reporting.

Table 4 indicates if the coverage rate for a specific vaccine is statistically significant. A Fisher's Exact Test was used to determine 95% confidence intervals for the proportion, and a two-sided p-value was calculated. All of the vaccine-specific rates were statistically significant for the 2014 - 2015 school year, except 3+ doses of polio for Kindergartners. The narrow confidence intervals suggest that precision is high with a lack of random error, and results should accurately measure the age-specific vaccination coverage rates of the two age groups.

Table 2. Percentage of Certificates, Exemptions, and Vaccines by Age Group

Type of School/Facility		# Child	# Cert.	Miss Cert.	Med. Ex.	Rel. Ex.	4+ DTaP	3+ Polio	2 MMR	3+ HepB	2 VAR	Tdap/ Td Booster	1 MCV
Kindergarten	# Child	56,238	53,572	2,184	113	369	53,083	53,240	52,151	52,948	51,898	N/A	N/A
	%	N/A	95.3%	3.9%	0.2%	0.7%	94.4%	94.7%	92.7%	94.1%	92.3%		
Sixth Grade	# Child	54,358	53,113	751	217	277	N/A		53,120	52,969	48,292	45,915	45,181
	%	N/A	97.7%	1.4%	0.4%	0.5%			97.7%	97.4%	88.8%	84.5%	83.1%
The number of MMR and Varicella doses is dependent on a child’s age. Children aged 19 through 47 months are required to have 1 dose of MMR and Varicella, while children aged 48 months and older are required to have 2 doses of MMR and Varicella.													

Table 3. Average, Median and Range of Vaccination Percentage by Age Group

		# Students Reported	4+ DTaP	3+ Polio	2 MMR	3+ HepB	2 Varicella	MCV	Tdap/Td Booster
Kindergarten	Average	467	94.4%	94.7%	92.7%	94.1%	92.3%	N/A	N/A
	Minimum (Lowest County Count or Rate)	19	75.8%	76.5%	71.8%	73.8%	62.6%		
	Median	242	95.5%	95.7%	94.3%	94.7%	93.9%		
	Maximum (Highest County Count or Rate)	9,758	100%	100%	100%	100%	100%		
Sixth Grade	Average	453	N/A	N/A	97.7%	97.4%	88.8%	83.1%	84.5%
	Minimum (Lowest County Count or Rate)	27			90.4%	73.9%	24.1%	11.1%	11.1%
	Median	234			98.3%	98.4%	91.3%	87.8%	88.8%
	Maximum (Highest County Count or Rate)	9,335			100%	100%	100%	100%	100%

Table 4. 95% Confidence Intervals and p-values of Vaccine-Specific Proportions, 2011-2015

Grade	School Year	Number of Students	4+ DTaP	3+ Polio	3+ HepB	2 MMR	2 Varicella
Kindergarten	2011-2012	53,462	50,118 93.7% (93.5-94.0, $p<0.001$)	50,810 95.0% (94.9-95.2, $p=0.6754$)	49,905 93.3% (93.1-93.6, $p<0.001$)	49,216 92.1% (91.8-92.3, $p<0.001$)	40,518 75.8% (75.4-76.2, $p<0.001$)
	2012-2013	56,846	53,407 94.0% (93.8-94.1, $p<0.001$)	53,525 94.2% (94.0-94.4, $p<0.001$)	53,158 93.5% (93.3-93.7, $p<0.001$)	52,454 92.3% (92.1-92.5, $p<0.001$)	50,774 89.3% (89.1-89.6, $p<0.001$)
	2013-2014	57,672	54,165 93.9% (93.7-94.1, $p<0.001$)	54,398 94.3% (94.1-94.5, $p<0.001$)	54,271 94.1% (93.9-94.3, $p<0.001$)	53,412 92.6% (92.4-92.8, $p<0.001$)	53,012 91.9% (91.7-92.1, $p<0.001$)
	2014-2015	56,238	53,083 94.4% (94.2-94.7, $p<0.001$)	53,240 94.7% (94.5-94.9, $p=0.001$)	52,948 94.1% (94.0-94.3, $p<0.001$)	52,151 92.7% (92.5-93.0, $p<0.001$)	51,898 92.3% (92.1-92.5, $p<0.001$)
Grade	School Year	Number of Students	1 Tdap	1 MCV	3+ HepB	2 MMR	2 Varicella
Sixth Grade	2011-2012	52,936	38,347 72.4% (72.1-72.8, $p<0.001$)	33,387 63.1% (62.7-63.5, $p<0.001$)	51,241 96.8% (96.6-97.0, $p<0.001$)	50,853 96.1% (95.9-96.2, $p<0.001$)	36,084 68.2% (67.8-68.6, $p<0.001$)
	2012-2013	51,732	42,191 81.6% (81.2-81.9, $p<0.001$)	40,836 78.9% (78.6-79.3, $p<0.001$)	49,924 96.5% (96.3-96.7, $p<0.001$)	50,233 97.1% (97.0-97.2, $p<0.001$)	41,691 80.6% (82.3-83.0, $p<0.001$)
	2013-2014	52,692	43,068 81.7% (81.4-82.1, $p<0.001$)	42,382 80.4% (80.1-80.8, $p=0.013$)	51,405 97.6% (97.4-97.7, $p<0.001$)	51,421 97.6% (97.5-97.7, $p<0.001$)	44,350 84.2% (83.9-84.5, $p<0.001$)
	2014-2015	54,358	45,915 84.5% (84.2-84.8, $p<0.001$)	45,181 83.1% (82.8-83.4, $p<0.001$)	52,969 97.4% (97.6-97.9, $p<0.001$)	53,120 97.7% (97.6-97.9, $p<0.001$)	48,292 88.8% (88.6-89.1, $p<0.001$)

Kindergarten

One hundred percent of schools with kindergarten classes, both public and private institutions, completed the annual survey for the 2014-2015 school year. KIP received surveys from 925 schools assessing antigen-specific immunizations for 56,238 children.

Highlights for Kindergarten Students

- 85.8% of schools reported >90.0% of current certificates on file
- 5.8% counties had >1.0% of students with a medical exemption
 - Owsley County reported the largest percentage of children with medical exemptions (1.5%)
- 20.0% counties had >1.0% of students with a religious exemption
 - Carlisle County reported the largest percentage of religious exemptions (4.5%)
- 10.8% counties had >10.0% of students who lacked a certificate on file
- 79.2% counties reported >90.0% of children receiving 4 or more DTaP
- 79.2% counties reported >90.0% of children receiving 3 or more Polio
- 80.0% counties reported >90.0% of children receiving 3 or more Hepatitis B
- 72.5% counties reported >90.0% of children receiving 2 or more MMR
- 70.1% counties reported >90.0% of children receiving 2 or more Varicella
- 36.7% counties met the Healthy People 2020 Objectives for each antigen (>95% for DTaP, Polio, HepB, MMR, and Varicella)

The following 82 counties reported >90.0% for each vaccine (4+ DTaP, 3+ Polio, 3+ HepB, 2+ MMR, and 2 Varicella).

Adair*	Calloway*	Fleming*	Henry*	Letcher*	Meade*	Pulaski*	Washington
Allen*	Campbell*	Floyd*	Hickman	Lewis*	Menifee*	Robertson	Wayne*
Anderson	Carter	Fulton*	Hopkins*	Lincoln*	Mercer*	Rockcastle*	Whitley
Ballard*	Christian	Grant	Jackson*	Lyon	Monroe	Rowan	Wolfe
Barren*	Clark	Graves	Jefferson	Madison*	Morgan	Russell*	Woodford
Boone*	Clay	Grayson*	Jessamine	Marion*	Nicholas	Shelby	
Bourbon*	Clinton*	Green	Kenton*	Marshall	Oldham*	Simpson*	
Boyd	Cumberland*	Greenup	Knott	Martin*	Owen*	Spencer*	
Breckinridge	Edmonson*	Hancock*	Lawrence*	McCracken	Pendleton*	Trigg	
Bullitt	Elliott	Hart*	Lee	McCreary*	Perry	Union*	
Caldwell	Fayette	Henderson*	Leslie	McLean	Pike*	Warren	

*Denotes counties that reported >95% for each vaccine and met the Healthy People 2020 Objectives¹.

Sixth Grade

One hundred percent of schools with sixth grades, both public and private, completed the annual survey for the 2014-2015 school year. KIP received surveys from 613 schools that assessed 54,358 children's antigen-specific immunizations. More schools (3.9%) reported in 2014-2015 than in 2013-2014, representing an increase of nearly 3.2% more children compared to the previous year.

Highlights for Sixth Grade Students

- 99.2% of all counties reported >90.0% of current certificates on file
- 11.7% counties had >1.0% of students with a medical exemption
 - Martin County reported the largest percentage of medical exemptions (2.5%)
- 17.5% counties had >1.0% of students with a religious exemption
 - Robertson County reported the largest percentage of religious exemptions (3.7%)
- 0.8% counties had >10.0% of students who lacked a certificate on file
- 48.3% counties reported >90.0% of children receiving 1 Tdap
- 42.5% counties reported >90.0% of children receiving 1 MCV
- 97.5% counties reported >90.0% of children receiving 3 or more Hepatitis B
- 100% counties reported >90.0% of children receiving 2 or more MMR
- 61.0% counties reported >90.0% of children receiving 2 or more Varicella
- 50.0% counties met the Healthy People 2020 Objectives for each antigen (>80% Tdap and MCV, 95% for HepB and MMR, and 90% for Varicella)

The following 49 counties reported >90.0% for each vaccine (1 Tdap, 1 MCV, 3+ HepB, 2+ MMR, and 2+ Varicella).

Ballard*	Clinton*	Gallatin*	Hickman	Martin	Nicholas	Russell*
Boone*	Crittenden	Grayson*	Hopkins	McCracken	Oldham*	Spencer*
Breckinridge	Daviess	Green*	Jackson*	McCreary	Owen*	Trigg
Calloway	Elliott	Hancock*	Jessamine	McLean*	Pendleton*	Trimble*
Campbell	Fleming*	Hart	Kenton	Meade*	Perry	Union*
Carter*	Floyd*	Henderson	Lewis*	Mercer*	Robertson	Wayne*
Casey*	Fulton*	Henry*	Marshall	Morgan	Rockcastle*	Woodford*

*Denotes counties that reported >95% for each vaccine.

Improvement Trends in Counties since the 2013-2014 Survey

Several improvement trends were noted at the county level in the results of the current survey compared to the 2013-2014 survey:

- Response rates for the return of sixth grade surveys increased from 97% to 100%
- For Kindergarten, the Healthy People 2020 Objectives for each antigen (>95% for DTaP, Polio, HepB, MMR, and Varicella) were met in 36.7% of counties compared to 20.0% of counties in the 2013-2014 survey.
- For Sixth Grade, the Healthy People 2020 Objectives for each antigen (>80% Tdap and MCV, 95% for HepB and MMR, and 90% for Varicella) were met in 50.0% counties compared to 20.2% of counties in the 2013-2014 survey.
- For Sixth Grade, 99.2% of all counties reported >90.0% of current certificates on file compared to 97.5% of counties in the 2013-2014 survey.
- For Sixth Grade, 48.3% counties reported >90.0% of children receiving 1 Tdap compared to 42.9% of counties in the 2013-2014 survey.
- For Sixth Grade, 42.5% counties reported >90.0% of children receiving 1 MCV compared to 37.0% of counties in the 2013-2014 survey.
- For Sixth Grade, 61.0% counties reported >90.0% of children receiving 2 or more doses of Varicella vaccine compared to 41.2% of counties in the 2013-2014 survey.
- When the lower and upper limits values of confidence intervals in Table 4 do not overlap, the estimated measures would be statistically significant. Thus small but statistically significant changes for increases in immunization compliance rates were reported in the 2014-2015 survey compared to the 2013-2014 survey for:
 - Kindergarten – 4+ DTaP (increase from 93.9% to 94.4%)
 - Sixth Grade – 1 Tdap (increase from 81.7% to 84.5%)
 - Sixth Grade – 1 MCV (increase from 80.4% to 83.1%)
 - Sixth Grade – 2 Varicella (increase from 84.2% to 88.8%)

County Profiles about Immunization Coverage

Appendix B has a summary of the survey results about immunization coverage for Kindergarten and Sixth Grade, by County, in a detailed County Profile. Instructions on “How to read a county profile” are included in Appendix B.

Area Development District Profiles about Immunization Coverage

Appendix C has a summary of the survey results about immunization coverage for Kindergarten and Sixth Grade in an Area Development District (ADD) and has an overall summary for each county in the ADD. Instructions on “How to read a ADD profile” are included in Appendix C.

Immunization Profiles for All Schools, by County

Appendix D contains a summary report of immunization coverage for all of Kindergarten and Sixth Grade for all schools in a county. Instructions on “How to read a county profile” are included in Appendix D.

Discussion

School entry regulations requiring childhood immunizations serve to protect children against once common vaccine-preventable diseases, some of which are still circulating widely in other areas of the world. Since the 2001-2002 school year, all 50 states, the District of Columbia, and Puerto Rico have had school entry immunization requirements. “School immunization requirements have not only been highly successful in reducing the incidence of disease but also in improving the immunization levels in school children.”² In a 2-year effort, the Cincinnati primary school system was able to increase immunization levels of school-age children from 60% to 91% by following a program based upon its legal authority to require immunizations.³ “Laws requiring that children be immunized before they begin school have contributed to a 98% to 100% reduction in the incidence of [Vaccine Preventable Diseases].”⁴ According to Hinman, Orenstein, Williamson, and Darrington (2002), policy makers must balance the need to provide individual choice with the need to protect children’s health.²

Schools can take steps to increase the number of students that are up-to-date on immunizations. Schools can keep immunization records neat and organized to make it easier to find files and identify when a child needs an immunization. Schools can also implement a tickler filing system and organize files based on which children will need an updated vaccine by date. School administrators can also check student records regularly for children not up-to-date on their immunizations and have a system in place to get each child immunized in a timely manner. For facilities that have electronic records, alerts can be set up to inform school staff when a child is no longer current on immunizations.

Limitations

There were several limitations to this study. First, the survey data were self-reported. KIP relied heavily on school and childcare personnel to accurately report vaccine-specific data. Although the supplemental worksheet to line list grade rosters to tally results for vaccine compliance was an aid in correctly identifying students who were current and up-to-date, completion is not mandated by law. KIP staff used a weighted validation process whereby field staff were sent to schools in each region to systematically sample students in the kindergarten class to ensure the data were being accurately reported. In some instances, KIP field staff were used as data collectors for non-respondent schools to increase survey compliance, but only for the kindergarten class per CDC guidance. Further validation measures will be implemented in future years to assure the data are collected correctly and reported accurately.

Homeschooled Children

The Kentucky Administrative Regulation for “Immunization schedules for attending child day care centers, certified family child care homes, other licensed facilities which care for children, preschool programs, and public and private primary and secondary schools,” (902 KAR 2:060) does not mandate immunization requirements for children in Kentucky who are homeschooled. KIP does not have a current method to assess vaccination coverage for homeschooled children. A to Z Home’s Cool (http://a2zhomeschooling.com/all_time_favorites/numbers_homeschooled_students/) estimated that approximately 20,074 children in Kentucky aged 5 through 17 years were taught at home during the 2014-2015 school year. Using KDE 2013-2014 enrollment data, KIP staff estimate that approximately 1,586 kindergarteners and 1,526 sixth graders were home schooled during this period and accounted for nearly 4% of the age-specific population.

Conclusion

School administrators, medical providers, and parents can work together to ensure that children are made safe from morbidity and mortality caused by vaccine preventable diseases. KIP will continue to assess age-appropriate vaccines for children enrolled in school and childcare facilities to ensure they are current and up-to-date according to the state regulation (902 KAR 2:060) and the recommendations of the Advisory Committee on Immunization Practices (ACIP).

References

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Acknowledgements

Many persons contributed to the success of this report including: local health department staff, staff in both public and private schools, Kentucky Immunization Program (KIP) field staff, KIP staff in Frankfort, and other staff at the Kentucky Department for Public Health. A listing of those persons is included in Appendix E.

APPENDIX A

Immunization Survey Tool

KINDERGARTEN A-1

SIXTH GRADE A-2



**COMMONWEALTH OF KENTUCKY
SCHOOL/FACILITY ANNUAL IMMUNIZATION SURVEY**

Kindergarten

(902 KAR 2:055)

Please complete this form in its entirety.

1. Demographic Information

County: _____

School/Facility Name: _____

Address: _____

City: _____

State: _____ **Zipcode:** _____

Phone Number: _____

Type of Facility

(Place a check in the appropriate box)

☐ **Private**

☐ **Public**

**Total number of
children enrolled in
Kindergarten**

NOTE: Information for the following should be obtained from the Commonwealth of Kentucky Immunization Certificate for each enrolled child.

2. Immunization Certificates and Exemptions

a. How many children have a current/provisional or expired immunization certificate on file?

b. How many children are exempt from all or some immunizations for medical reasons?

c. How many children are exempt from all immunizations for religious reasons?

d. How many children DO NOT have any immunization certificate on file?

STOP: The total of 2a + 2b + 2c + 2d MUST = the total number of children enrolled in Kindergarten _____

3. Vaccine Dose Summary

Vaccine	# Doses	# Children
DTaP/DTP/DT	4 or more	
Polio	3 or more	
Hepatitis B	3 or more	
MMR	2	
Varicella [or child has had chickenpox disease]	2	

Name of person completing this form: _____ Date: _____



**COMMONWEALTH OF KENTUCKY
SCHOOL/FACILITY ANNUAL IMMUNIZATION SURVEY**

Sixth Grade
(902 KAR 2:055)

Please complete this form in its entirety.

1. Demographic Information

County: _____

School/Facility Name: _____

Address: _____

City: _____

State: _____ **Zipcode:** _____

Phone Number: _____

Type of Facility

(Place a check in the appropriate box)

☐ **Private**

☐ **Public**

**Total number of
children enrolled in
Sixth Grade**

NOTE: Information for the following should be obtained from the Commonwealth of Kentucky Immunization Certificate for each enrolled child.

2. Immunization Certificates and Exemptions

a. How many children have a current/provisional or expired immunization certificate on file?

b. How many children are exempt from all or some immunizations for medical reasons?

c. How many children are exempt from all immunizations for religious reasons?

d. How many children DO NOT have any immunization certificate on file?

STOP: The total of 2a + 2b + 2c + 2d MUST = the total number of children enrolled in Sixth Grade.

3. Vaccine Dose Summary

Vaccine	# Doses	# Children
Tdap	1	
Td Booster	1	
MCV (Meningococcal)	1	
Hepatitis B [3 doses] or Adolescent/Adult Hepatitis B [2 doses]	3 or 2	
MMR	2	
Varicella [or child has had chickenpox disease]	2	

Name of person completing this form: _____ Date: _____

APPENDIX B

**2014-2015 ANNUAL SCHOOL IMMUNIZATION SURVEY—
County Profiles about Immunization Coverage**

Appendix B: County Profiles about Immunization Coverage

Each county's profile summarizes school survey responses and how each age group collectively compares to the state average, US average, and the Healthy People 2020 Objectives. These pages are meant to provide a quick snapshot of school-aged immunization coverage rates and to identify areas for improvement as assessed from the Annual School Immunization Survey.

How to read a county profile

No. of Children: These numbers indicate how many total children were counted in the survey responses for each specific age group. This is not a count of how many schools or childcare facilities reported last year. Use caution when reviewing data when these numbers are very low.

Percentage of Certificates and Exemptions on File: This table provides a quick and easy way to determine the percentage breakdown of certificate type by age group. The majority of all certificates are current, including provisional and expired; however, if the exemptions or no certificates on file appears larger than those in another county, perhaps this is something to educate providers, schools, or parents about in order to address the potential risk for vaccine preventable diseases.

Vaccination Coverage Levels (with 95% Confidence Intervals) for Kindergarten and Sixth Grade: Each bar chart displays the calculated mean for each age-specific vaccination by age group. The black line with a vertical bracket at the beginning and end of the line identifies a 95% confidence interval for the lower and upper limit of the mean for each age-specific vaccination. This confidence interval represents a level of certainty about how good the calculated mean estimates the true mean if the school survey was repeated again and again. Ninety-five percent confidence intervals are routinely calculated by epidemiologists and statisticians, so you can be 95% certain the calculated confidence interval contains the true mean of the population. Sample size can change the width of the calculated confidence interval. Small counties with few schools and a small number of reports for students in each age group will cause the calculated range of values for the confidence interval to be much larger than counties with more schools and a larger number of reports for students. The confidence interval is much narrower when calculated with the survey data from a larger number of students.

Age-Specific Group Vaccines and Doses: This section of the page outlines the percentage of children in each age group with the appropriate number of age-specific vaccine doses.

County Ranking: Counties were ranked 1 (Best) to 120 (Least) for the average percentage of children with the appropriate age-specific vaccine doses.

KY Average: Overall state average percentages of age-specific vaccine doses.

US Average: Overall US average percentages of age-specific vaccine doses.

HP 2020 Goal: Targets for Healthy People (HP) 2020 Objectives vary between age groups. This percentage increases for Kindergarten to 95% for all age-specific vaccines. The objectives for Sixth Grade cover newer immunization requirements for Tdap, MCV and the second Varicella dose. If any county percentages did not meet the HP 2020 Goal for an age-specific vaccine during the 2014-2015 school year, those percentages will be highlighted in red with the words "Not Met" for that vaccine indicated in the corresponding row of the profile table.



Adair County

201 Children in Kindergarten

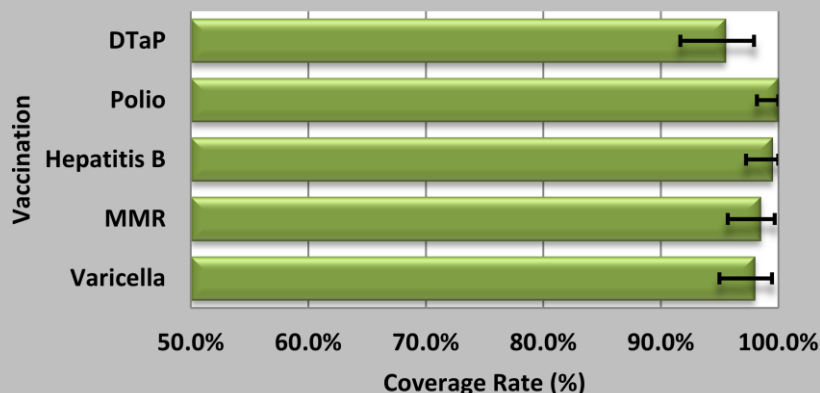
218 Children in Sixth Grade



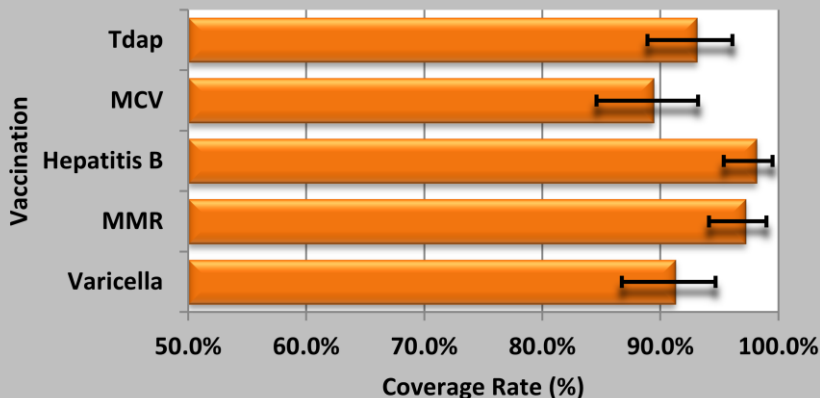
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	97.2%
Medical Exemption	0%	1.4%
Religious Exemption	0%	0.5%
No Certificate on File	0%	0.9%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Adair County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	95.5	59	94.4	95.0	Met
3+	Polio	100	1	94.7	-----	Met
3+	Hep B	99.5	7	94.1	-----	Met
2	MMR	98.5	13	92.7	94.7	Met
2	Varicella	98.0	18	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	93.1	46	84.5	86.0 (±0.9)	(80%) Met
1	MCV	89.4	53	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.2	71	97.4	-----	(95%) Met
2	MMR	97.2	79	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	91.3	61	88.8	78.5 (±1.3)	(90%) Met



Allen County

201 Children in Kindergarten

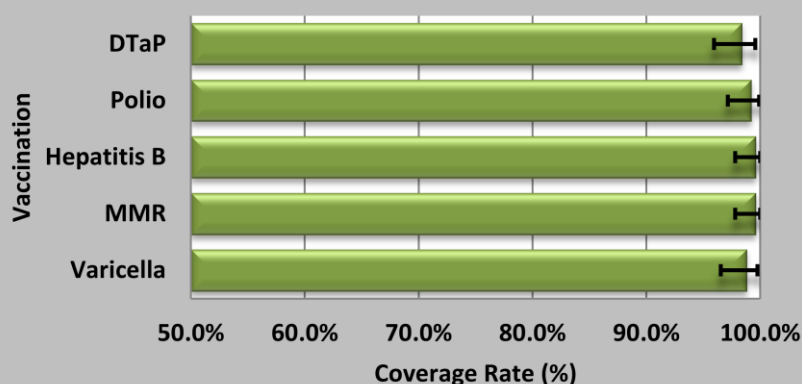
239 Children in Sixth Grade



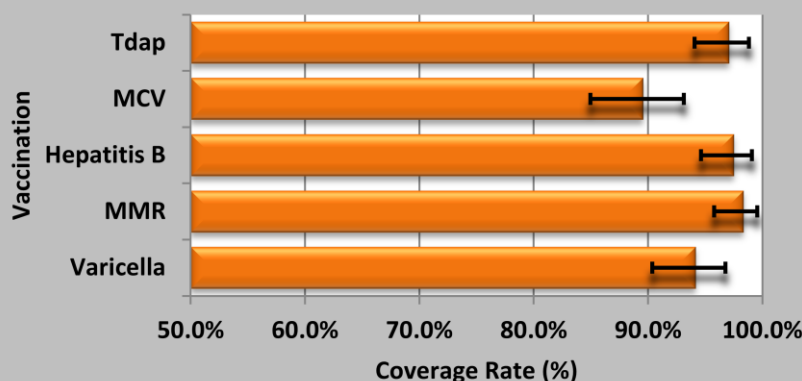
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.2%	98.3%
Medical Exemption	0%	0.4%
Religious Exemption	0%	0%
No Certificate on File	0.8%	1.3%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Allen County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.4	25	94.4	95.0	Met
3+	Polio	99.2	13	94.7	-----	Met
3+	Hep B	99.6	6	94.1	-----	Met
2	MMR	99.6	3	92.7	94.7	Met
2	Varicella	98.8	11	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.1	21	84.5	86.0 (±0.9)	(80%) Met
1	MCV	89.5	52	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	97.5	81	97.4	-----	(95%) Met
2	MMR	98.3	60	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	94.1	45	88.8	78.5 (±1.3)	(90%) Met



Anderson County

288 Children in Kindergarten

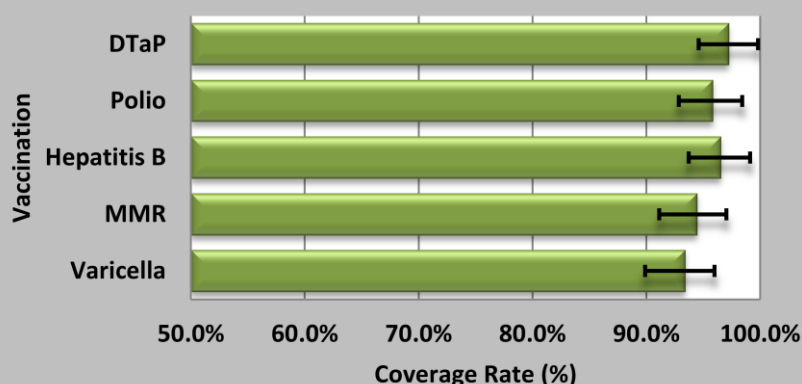
296 Children in Sixth Grade



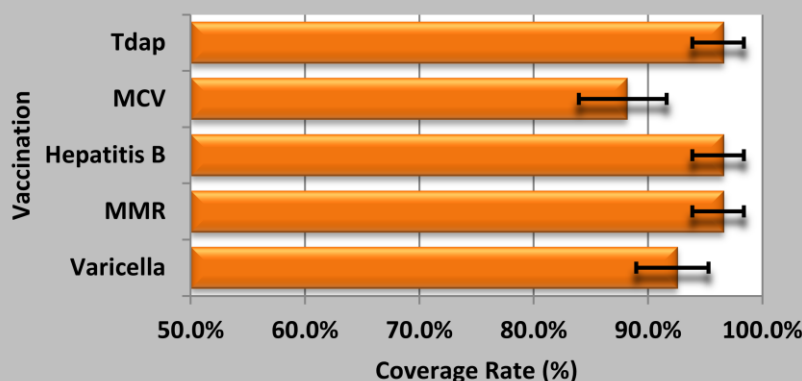
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	96.5%	96.3%
Medical Exemption	0%	2.4%
Religious Exemption	1.4%	1.0%
No Certificate on File	2.1%	0.3%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Anderson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.2	42	94.4	95.0	Met
3+	Polio	95.8	59	94.7	-----	Met
3+	Hep B	96.5	53	94.1	-----	Met
2	MMR	94.4	60	92.7	94.7	Not Met
2	Varicella	93.4	63	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.6	28	84.5	86.0 (±0.9)	(80%) Met
1	MCV	88.2	58	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.6	92	97.4	-----	(95%) Met
2	MMR	96.6	90	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	92.6	55	88.8	78.5 (±1.3)	(90%) Met



Ballard County

92 Children in Kindergarten

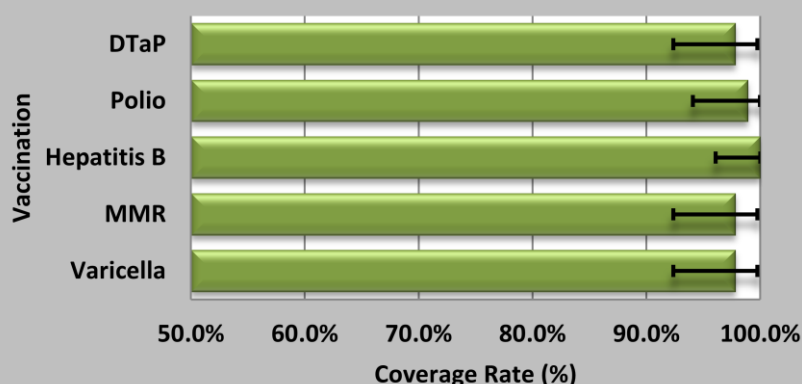
105 Children in Sixth Grade



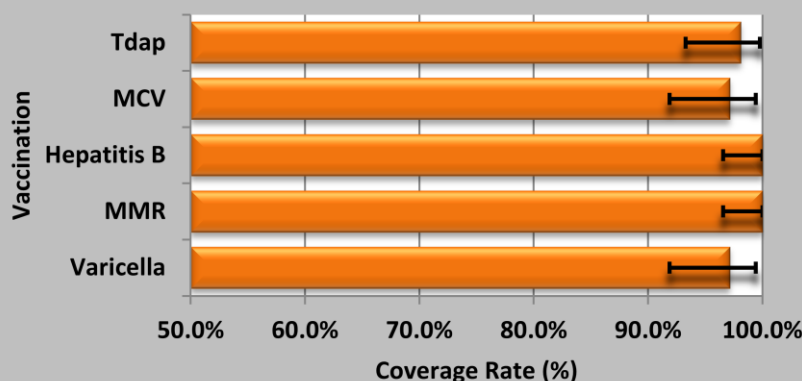
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	99.0%
Medical Exemption	0%	0%
Religious Exemption	0%	1.0%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Ballard County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.8	33	94.4	95.0	Met
3+	Polio	98.9	22	94.7	-----	Met
3+	Hep B	100	1	94.1	-----	Met
2	MMR	97.8	22	92.7	94.7	Met
2	Varicella	97.8	19	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.1	13	84.5	86.0 (±0.9)	(80%) Met
1	MCV	97.1	18	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.1	25	88.8	78.5 (±1.3)	(90%) Met



Barren County

651 Children in Kindergarten

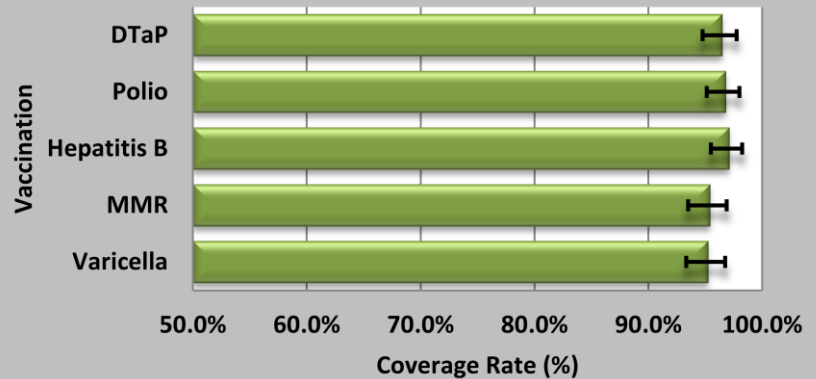
518 Children in Sixth Grade



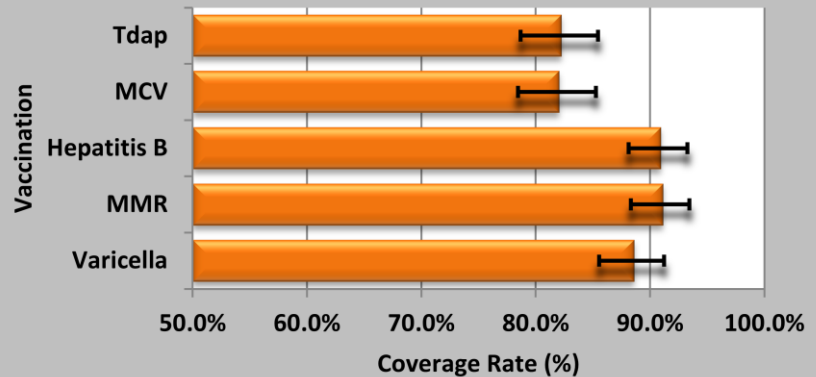
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.1%	98.5%
Medical Exemption	0.5%	0.4%
Religious Exemption	0.8%	0.6%
No Certificate on File	1.7%	0.6%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Barren County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.5	53	94.4	95.0	Met
3+	Polio	96.8	56	94.7	-----	Met
3+	Hep B	97.1	47	94.1	-----	Met
2	MMR	95.4	50	92.7	94.7	Met
2	Varicella	95.2	46	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	82.2	76	84.5	86.0 (±0.9)	(80%) Met
1	MCV	82.0	72	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	90.9	116	97.4	-----	(95%) Not Met
2	MMR	91.9	118	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	88.6	68	88.8	78.5 (±1.3)	(90%) Not Met



Bath County

173 Children in Kindergarten

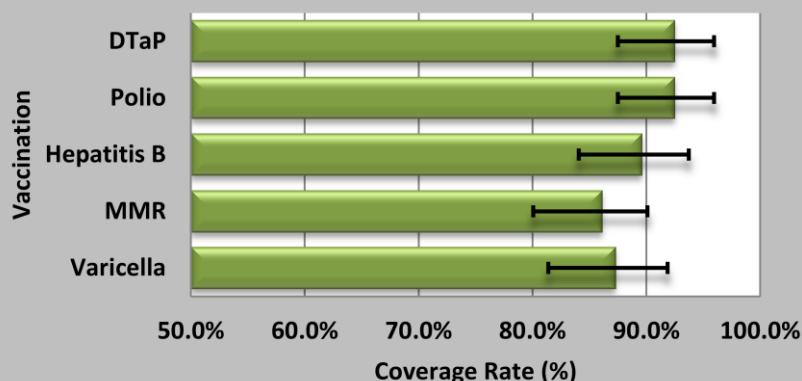
158 Children in Sixth Grade



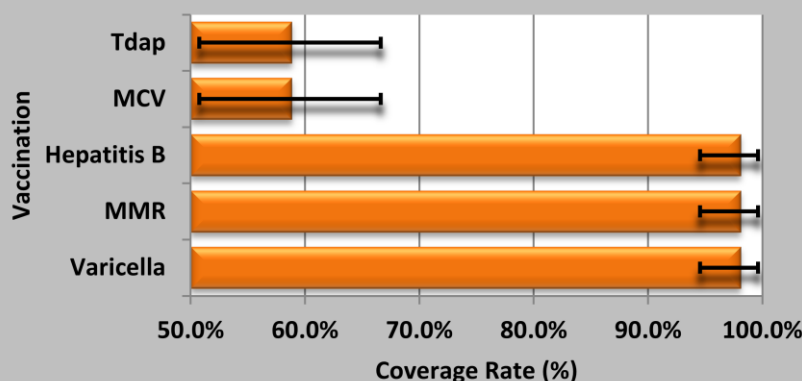
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	92.5%	97.5%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	7.5%	2.5%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Bath County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	92.5	83	94.4	95.0	Not Met
3+	Polio	92.5	86	94.7	-----	Not Met
3+	Hep B	89.6	99	94.1	-----	Not Met
2	MMR	86.1	97	92.7	94.7	Not Met
2	Varicella	87.3	94	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	58.9	110	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	58.9	107	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.1	73	97.4	-----	(95%) Met
2	MMR	98.1	65	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.1	16	88.8	78.5 (±1.3)	(90%) Met



Bell County

386 Children in Kindergarten

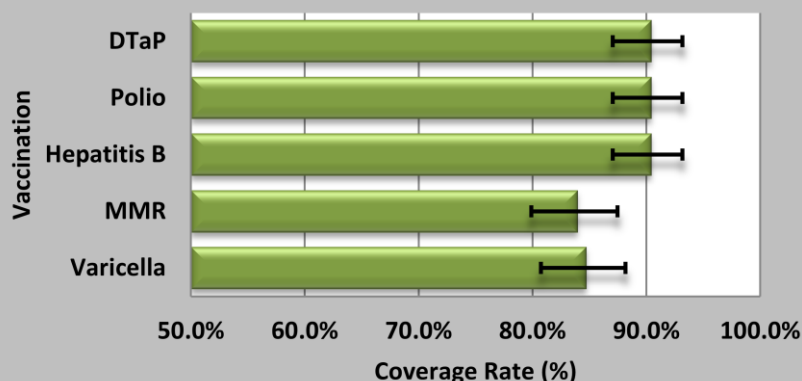
380 Children in Sixth Grade



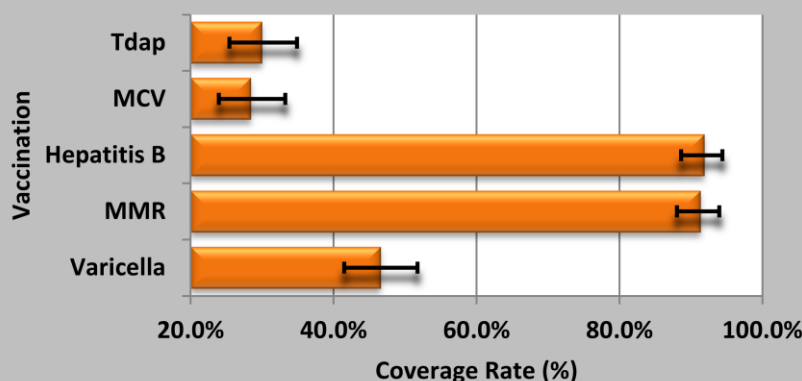
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	90.4%	92.6%
Medical Exemption	0.5%	0%
Religious Exemption	0%	0%
No Certificate on File	9.1%	7.4%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Bell County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	90.4	95	94.4	95.0	Not Met
3+	Polio	90.4	94	94.7	-----	Not Met
3+	Hep B	90.4	95	94.1	-----	Not Met
2	MMR	83.9	108	92.7	94.7	Not Met
2	Varicella	84.7	106	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	30.0	119	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	28.4	119	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	91.8	114	97.4	-----	(95%) Not Met
2	MMR	91.3	117	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	46.6	119	88.8	78.5 (±1.3)	(90%) Not Met



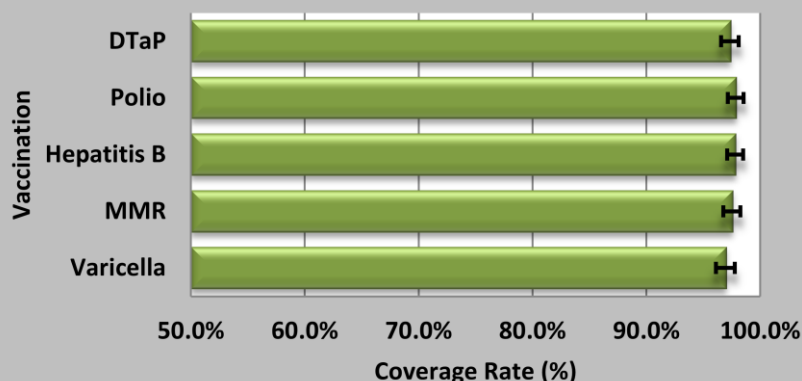
Boone County

1780 Children in Kindergarten

1911 Children in Sixth Grade



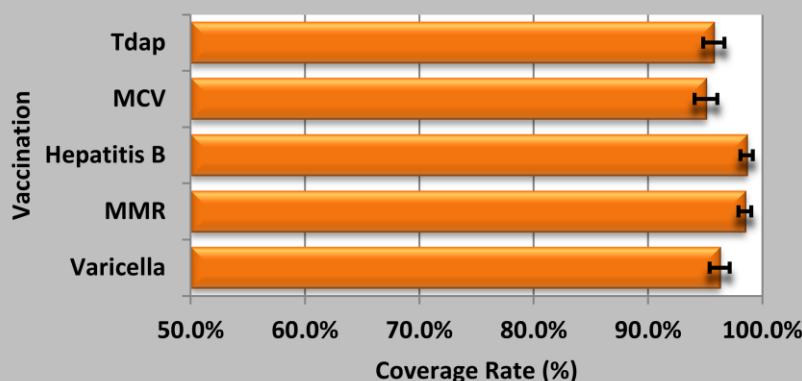
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.9%	98.3%
Medical Exemption	0.3%	0.4%
Religious Exemption	1.6%	1.0%
No Certificate on File	0.3%	0.3%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Boone County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.4	39	94.4	95.0	Met
3+	Polio	97.9	40	94.7	-----	Met
3+	Hep B	97.9	35	94.1	-----	Met
2	MMR	97.6	24	92.7	94.7	Met
2	Varicella	97.0	30	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	95.8	34	84.5	86.0 (±0.9)	(80%) Met
1	MCV	95.1	32	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.7	51	97.4	-----	(95%) Met
2	MMR	98.5	48	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.3	30	88.8	78.5 (±1.3)	(90%) Met



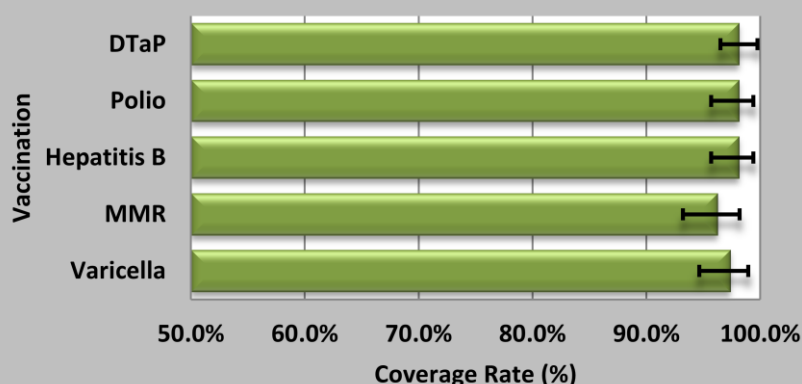
Bourbon County

266 Children in Kindergarten

233 Children in Sixth Grade



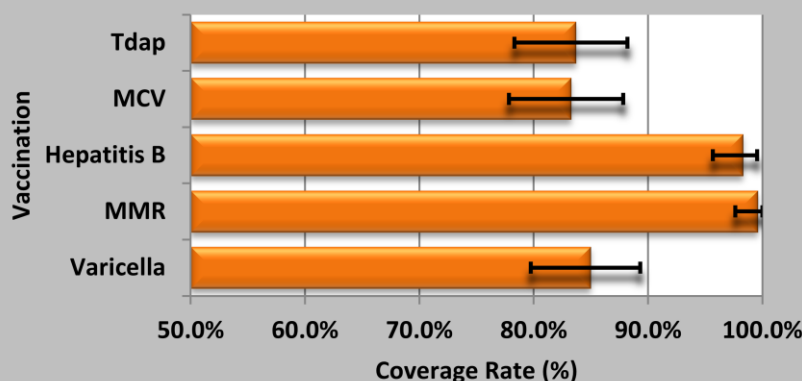
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.1%	100%
Medical Exemption	0%	0%
Religious Exemption	0.4%	0%
No Certificate on File	1.5%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Bourbon County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.1	27	94.4	95.0	Met
3+	Polio	98.1	34	94.7	-----	Met
3+	Hep B	98.1	30	94.1	-----	Met
2	MMR	96.2	41	92.7	94.7	Met
2	Varicella	97.4	27	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	83.7	71	84.5	86.0 (±0.9)	(80%) Met
1	MCV	93.3	67	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.3	65	97.4	-----	(95%) Met
2	MMR	99.6	20	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	85.0	84	88.8	78.5 (±1.3)	(90%) Met



Boyd County

574 Children in Kindergarten

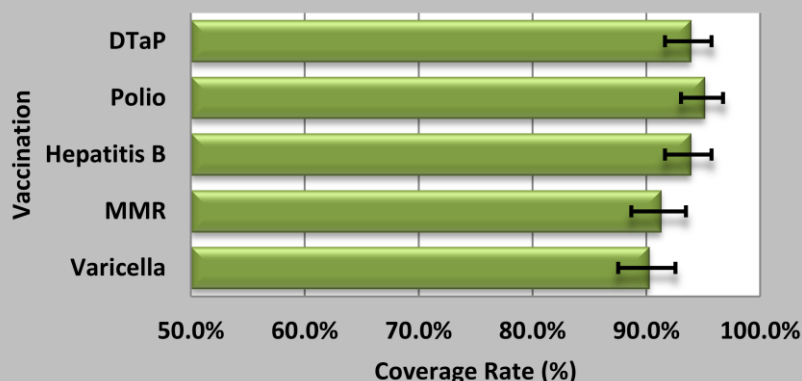
572 Children in Sixth Grade



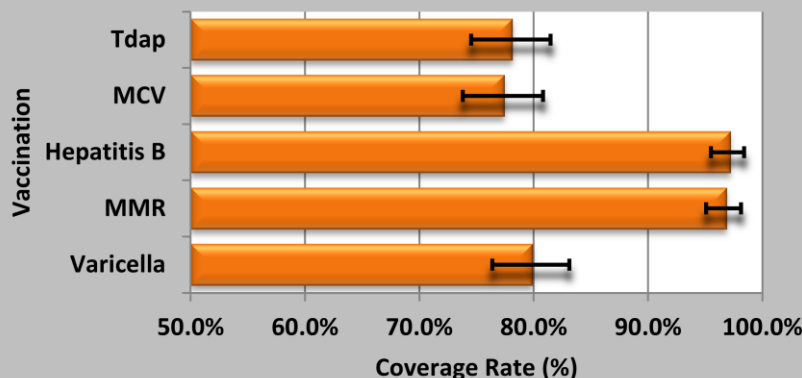
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.3%	96.2%
Medical Exemption	0.3%	1.0%
Religious Exemption	0%	0.2%
No Certificate on File	4.4%	2.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Boyd County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	93.9	75	94.4	95.0	Not Met
3+	Polio	95.1	63	94.7	-----	Met
3+	Hep B	93.9	70	94.1	-----	Not Met
2	MMR	91.3	80	92.7	94.7	Not Met
2	Varicella	90.2	84	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	78.1	85	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	77.4	82	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.2	88	97.4	-----	(95%) Met
2	MMR	96.9	87	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	79.9	95	88.8	78.5 (±1.3)	(90%) Not Met



Boyle County

339 Children in Kindergarten

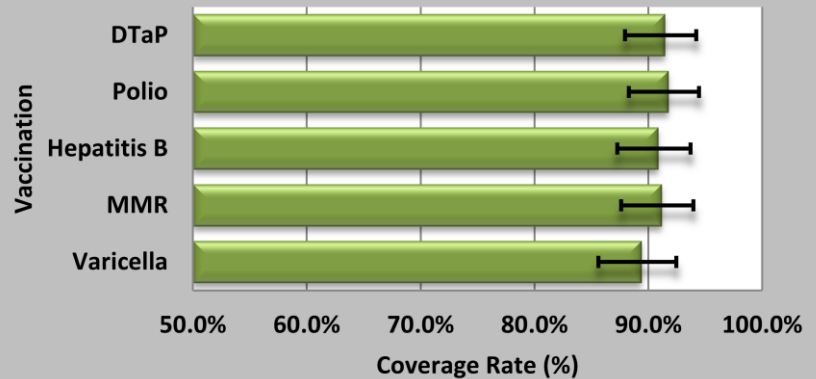
368 Children in Sixth Grade



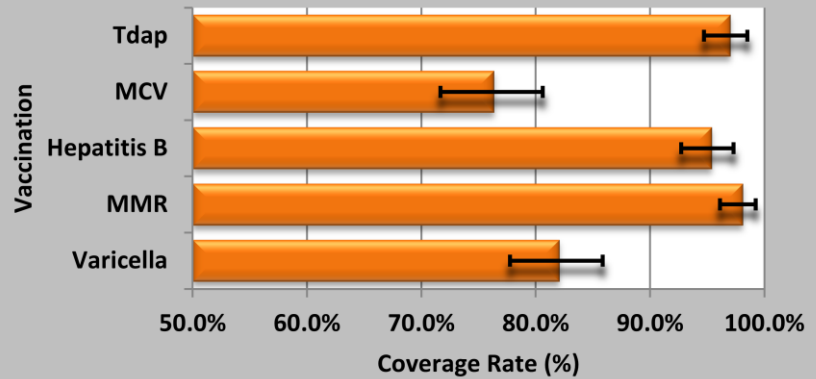
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	92.0%	97.8%
Medical Exemption	0%	0%
Religious Exemption	0%	1.1%
No Certificate on File	8.0%	1.1%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Boyle County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.4	89	94.4	95.0	Not Met
3+	Polio	91.7	91	94.7	-----	Not Met
3+	Hep B	90.9	91	94.1	-----	Not Met
2	MMR	91.2	83	92.7	94.7	Not Met
2	Varicella	89.4	89	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.0	22	84.5	86.0 (±0.9)	(80%) Met
1	MCV	76.4	87	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	95.4	106	97.4	-----	(95%) Met
2	MMR	98.1	66	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	82.1	91	88.8	78.5 (±1.3)	(90%) Met



Bracken County

136 Children in Kindergarten

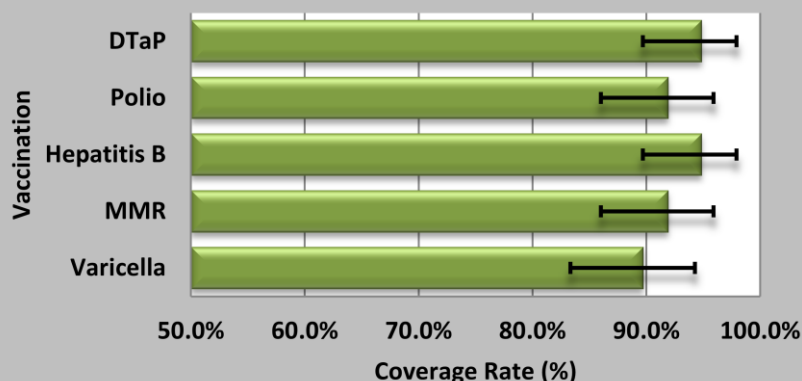
125 Children in Sixth Grade



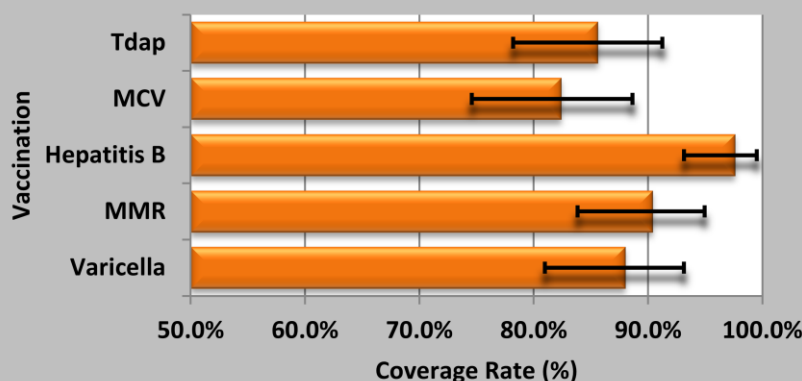
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	90.4%	96.0%
Medical Exemption	0.7%	0.8%
Religious Exemption	0%	0%
No Certificate on File	8.8%	3.2%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Bracken County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.9	66	94.4	95.0	Not Met
3+	Polio	91.9	88	94.7	-----	Not Met
3+	Hep B	94.9	59	94.1	-----	Not Met
2	MMR	91.9	76	92.7	94.7	Not Met
2	Varicella	89.7	86	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	85.6	66	84.5	86.0 (±0.9)	(80%) Met
1	MCV	82.4	71	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	97.6	78	97.4	-----	(95%) Met
2	MMR	90.4	120	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	88.0	71	88.8	78.5 (±1.3)	(90%) Met



Breathitt County

169 Children in Kindergarten

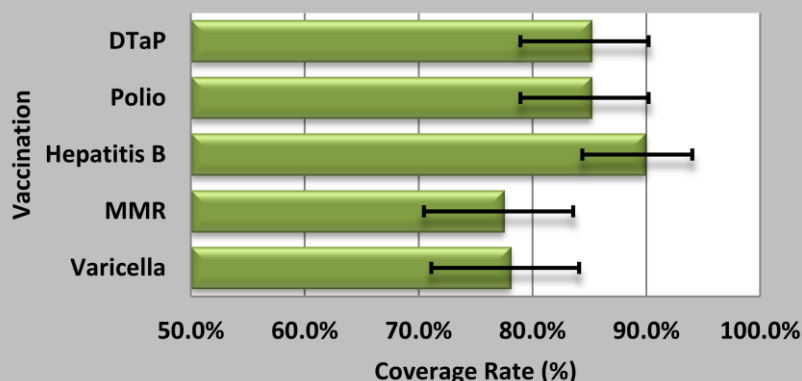
194 Children in Sixth Grade



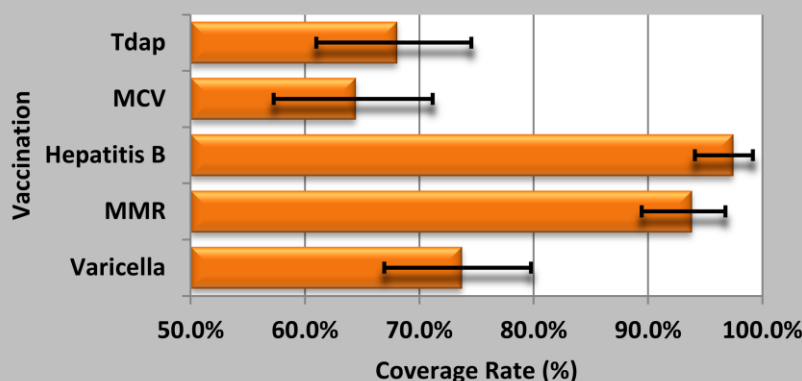
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	90.5%	97.4%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	9.5%	2.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Breathitt County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	85.2	114	94.4	95.0	Not Met
3+	Polio	85.2	115	94.7	-----	Not Met
3+	Hep B	89.9	97	94.1	-----	Not Met
2	MMR	77.5	118	92.7	94.7	Not Met
2	Varicella	78.1	117	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	68.0	103	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	64.4	101	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.4	85	97.4	-----	(95%) Met
2	MMR	93.8	113	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	73.7	101	88.8	78.5 (±1.3)	(90%) Not Met



Breckinridge County

258 Children in Kindergarten

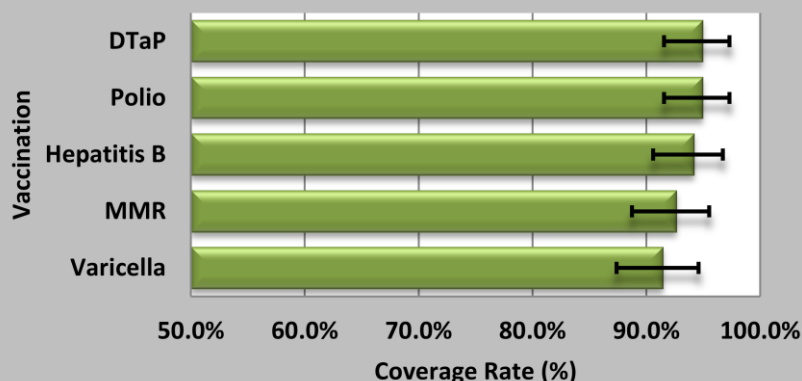
261 Children in Sixth Grade



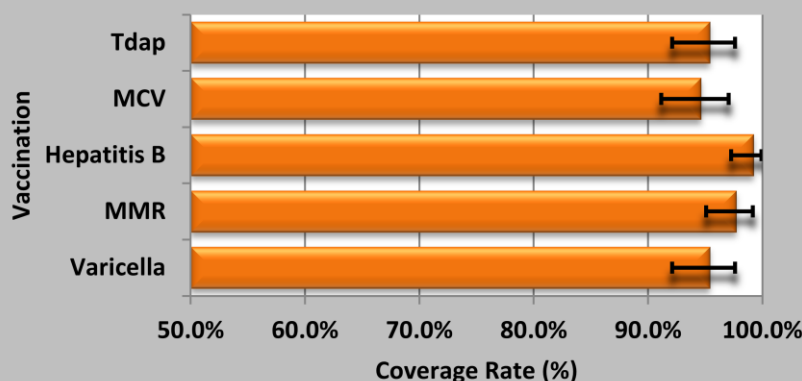
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.6%	98.5%
Medical Exemption	0.8%	0.4%
Religious Exemption	0.8%	1.1%
No Certificate on File	3.9%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Breckinridge County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	95.0	63	94.4	95.0	Met
3+	Polio	95.0	65	94.7	-----	Met
3+	Hep B	94.2	69	94.1	-----	Not Met
2	MMR	92.6	69	92.7	94.7	Not Met
2	Varicella	91.5	76	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	95.4	37	84.5	86.0 (±0.9)	(80%) Met
1	MCV	94.6	34	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.2	29	97.4	-----	(95%) Met
2	MMR	97.7	72	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	95.4	39	88.8	78.5 (±1.3)	(90%) Met



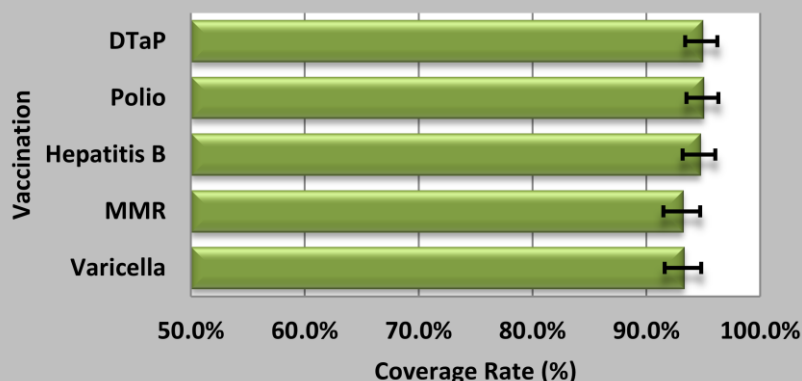
Bullitt County

990 Children in Kindergarten

1079 Children in Sixth Grade



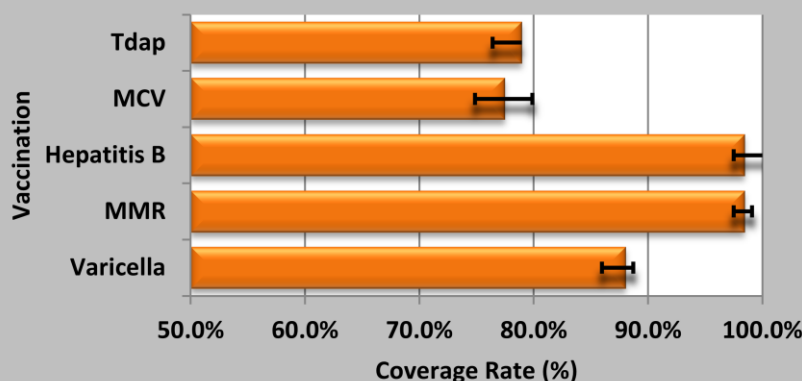
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.7%	98.6%
Medical Exemption	0.2%	0.2%
Religious Exemption	0.3%	0.5%
No Certificate on File	3.8%	0.7%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Bullitt County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	95.0	64	94.4	95.0	Met
3+	Polio	95.1	64	94.7	-----	Met
3+	Hep B	94.8	60	94.1	-----	Not Met
2	MMR	93.2	64	92.7	94.7	Not Met
2	Varicella	93.3	64	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	79.0	83	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	77.5	81	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.4	57	97.4	-----	(95%) Met
2	MMR	98.4	52	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	88.0	70	88.8	78.5 (±1.3)	(90%) Met



Butler County

176 Children in Kindergarten

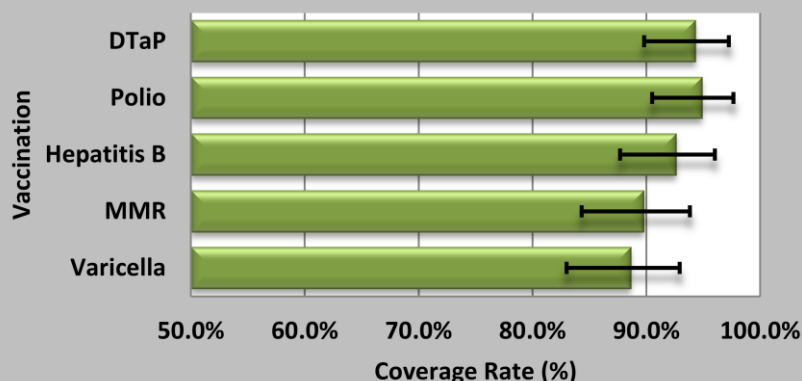
159 Children in Sixth Grade



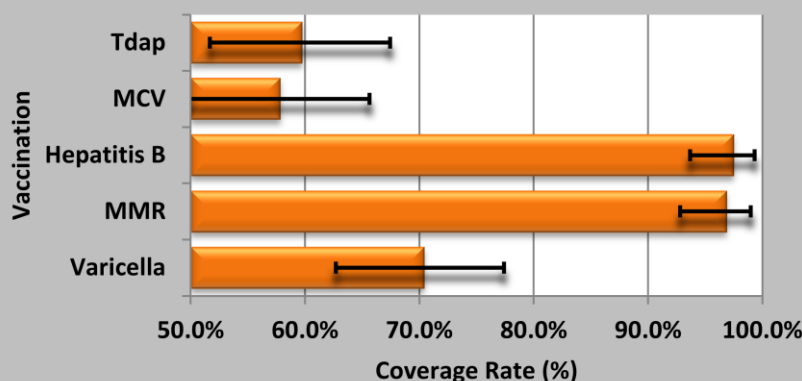
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.9%	97.5%
Medical Exemption	0%	0.6%
Religious Exemption	0.6%	0%
No Certificate on File	4.5%	1.9%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Butler County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.3	72	94.4	95.0	Not Met
3+	Polio	94.9	67	94.7	-----	Not Met
3+	Hep B	92.6	81	94.1	-----	Not Met
2	MMR	89.8	88	92.7	94.7	Not Met
2	Varicella	88.6	91	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	59.7	108	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	57.9	108	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.5	82	97.4	-----	(95%) Met
2	MMR	96.9	86	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	70.4	106	88.8	78.5 (±1.3)	(90%) Not Met



Caldwell County

144 Children in Kindergarten

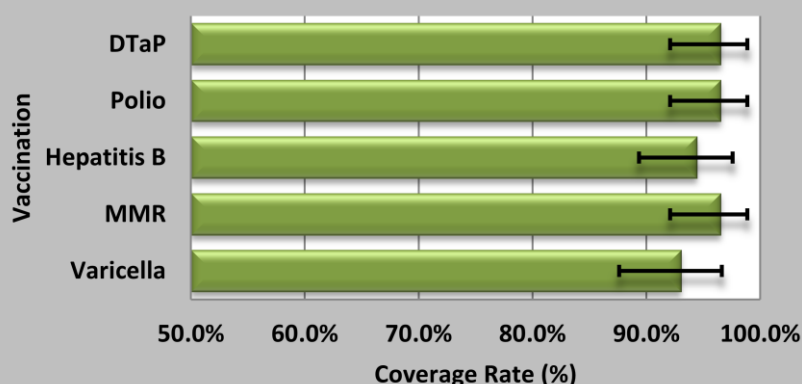
152 Children in Sixth Grade



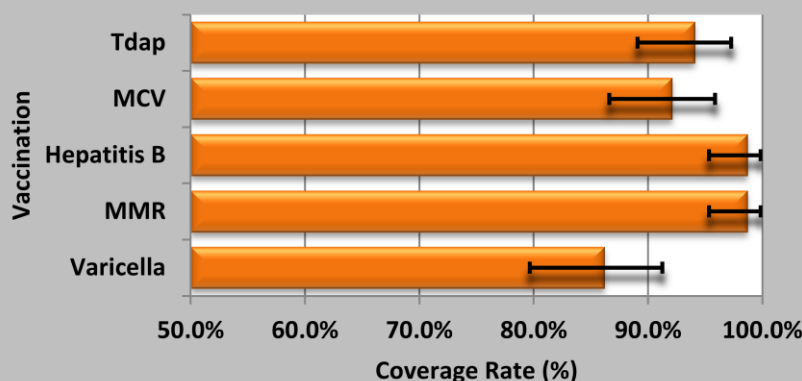
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	96.5%	100%
Medical Exemption	0%	0%
Religious Exemption	1.4%	0%
No Certificate on File	2.1%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Caldwell County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.5	52	94.4	95.0	Met
3+	Polio	96.5	57	94.7	-----	Met
3+	Hep B	94.4	65	94.1	-----	Not Met
2	MMR	96.5	37	92.7	94.7	Met
2	Varicella	93.1	66	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	94.1	43	84.5	86.0 (±0.9)	(80%) Met
1	MCV	92.1	45	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.7	52	97.4	-----	(95%) Met
2	MMR	98.7	45	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	86.2	79	88.8	78.5 (±1.3)	(90%) Not Met



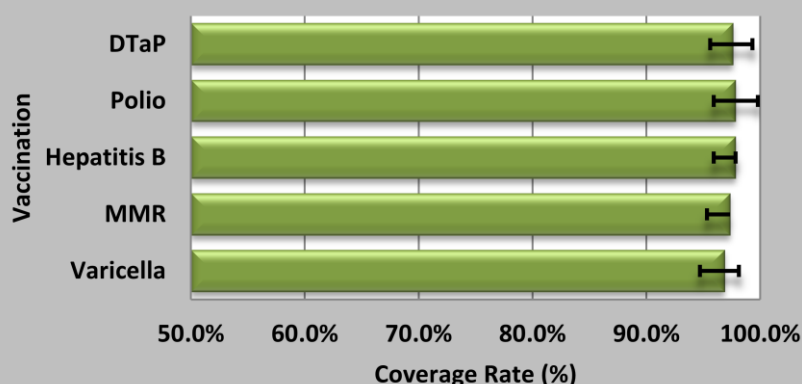
Calloway County

415 Children in Kindergarten

382 Children in Sixth Grade



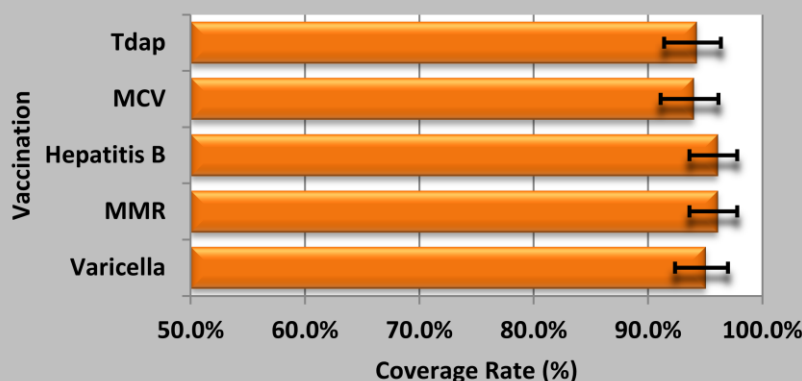
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.1%	96.1%
Medical Exemption	0.5%	0.5%
Religious Exemption	2.2%	1.8%
No Certificate on File	0.2%	1.6%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Calloway County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.6	35	94.4	95.0	Met
3+	Polio	97.8	42	94.7	-----	Met
3+	Hep B	97.8	37	94.1	-----	Met
2	MMR	97.3	29	92.7	94.7	Met
2	Varicella	96.9	33	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	94.2	42	84.5	86.0 (±0.9)	(80%) Met
1	MCV	94.0	37	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.1	102	97.4	-----	(95%) Met
2	MMR	96.1	97	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	95.0	40	88.8	78.5 (±1.3)	(90%) Met



Campbell County

976 Children in Kindergarten

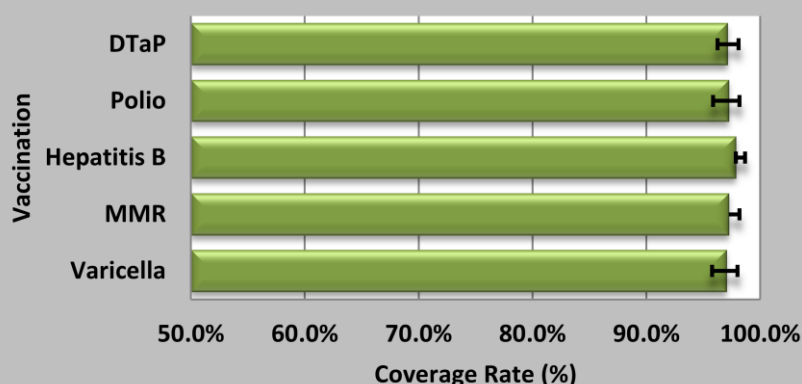
1026 Children in Sixth Grade



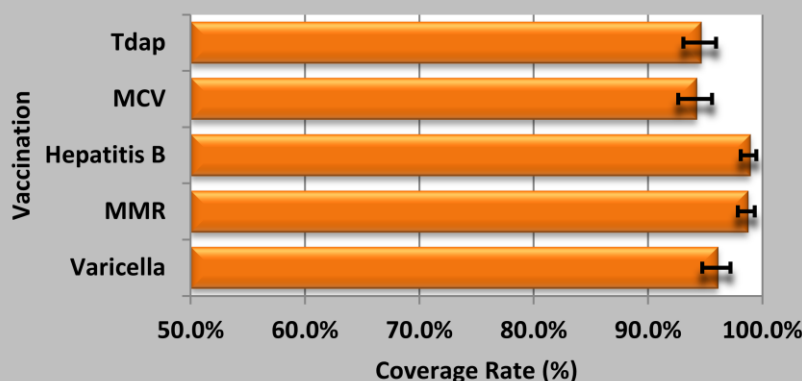
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.6%	98.1%
Medical Exemption	0.4%	0.6%
Religious Exemption	0.9%	0.5%
No Certificate on File	1.1%	0.8%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Campbell County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.1	44	94.4	95.0	Met
3+	Polio	97.2	52	94.7	-----	Met
3+	Hep B	97.8	36	94.1	-----	Met
2	MMR	97.2	30	92.7	94.7	Met
2	Varicella	97.0	29	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	94.6	41	84.5	86.0 (±0.9)	(80%) Met
1	MCV	94.2	35	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.9	42	97.4	-----	(95%) Met
2	MMR	96.1	44	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	95.0	34	88.8	78.5 (±1.3)	(90%) Met



Carlisle County

67 Children in Kindergarten

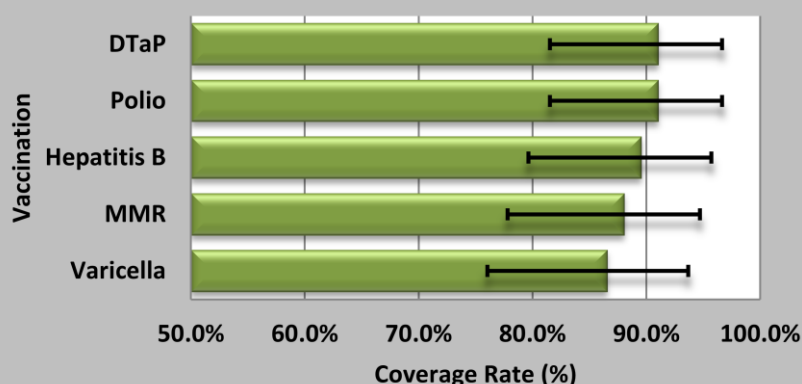
58 Children in Sixth Grade



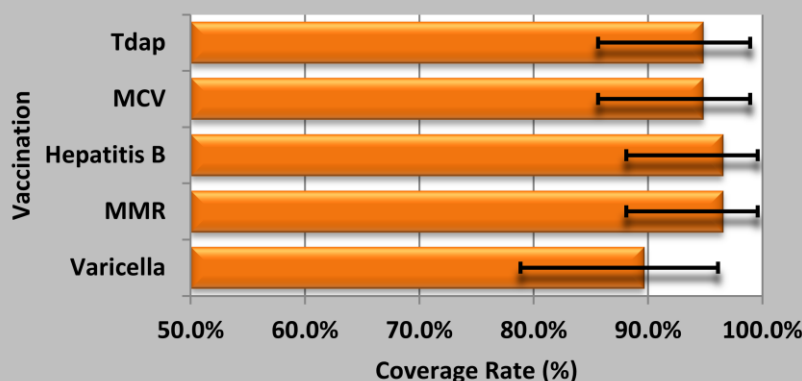
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	92.5%	94.8%
Medical Exemption	0%	0%
Religious Exemption	4.5%	1.7%
No Certificate on File	3.0%	3.4%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Carlisle County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.0	93	94.4	95.0	Not Met
3+	Polio	91.0	93	94.7	-----	Not Met
3+	Hep B	89.6	100	94.1	-----	Not Met
2	MMR	88.1	91	92.7	94.7	Not Met
2	Varicella	86.6	95	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	94.8	39	84.5	86.0 (±0.9)	(80%) Met
1	MCV	94.8	33	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.6	93	97.4	-----	(95%) Met
2	MMR	96.6	92	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	89.7	65	88.8	78.5 (±1.3)	(90%) Not Met



Carroll County

190 Children in Kindergarten

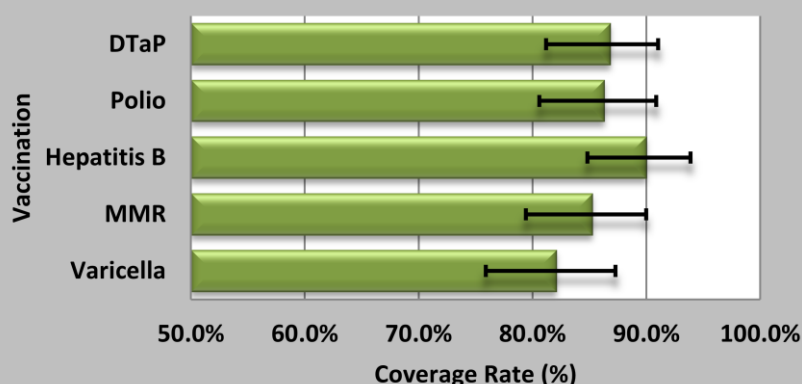
139 Children in Sixth Grade



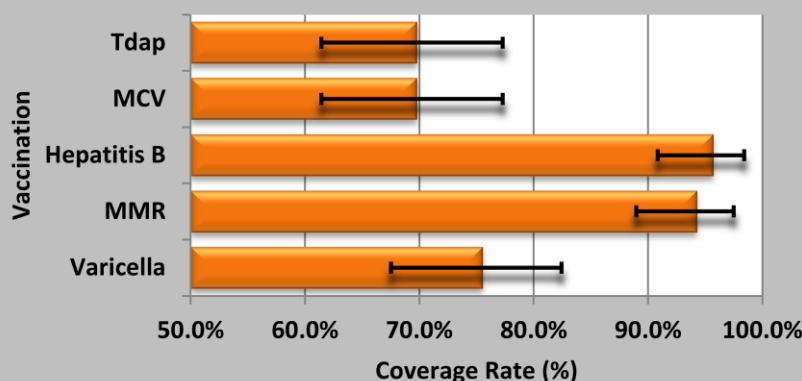
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	91.1%	85.6%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	8.9%	14.4%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Carroll County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	86.8	109	94.4	95.0	Not Met
3+	Polio	86.3	111	94.7	-----	Not Met
3+	Hep B	90.0	96	94.1	-----	Not Met
2	MMR	85.3	105	92.7	94.7	Not Met
2	Varicella	82.1	111	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	69.8	97	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	69.8	98	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	95.7	104	97.4	-----	(95%) Met
2	MMR	94.2	110	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	75.5	100	88.8	78.5 (±1.3)	(90%) Not Met



Carter County

347 Children in Kindergarten

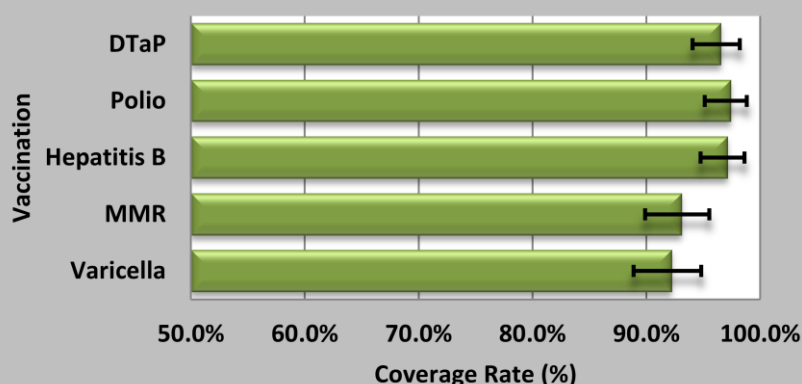
333 Children in Sixth Grade



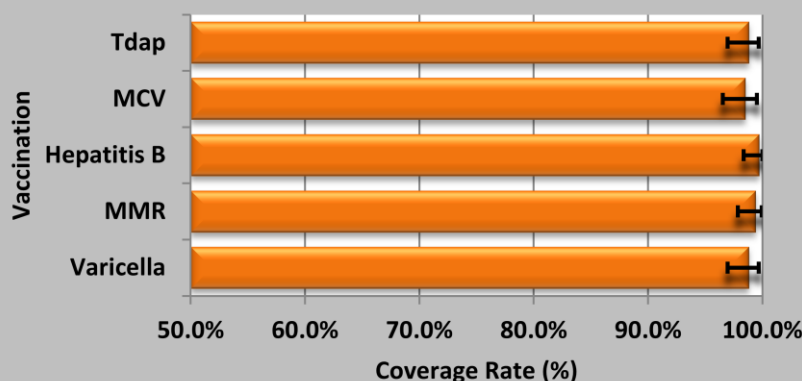
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.1%	98.8%
Medical Exemption	0.6%	0.6%
Religious Exemption	0%	0.6%
No Certificate on File	2.3%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Carter County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.5	51	94.4	95.0	Met
3+	Polio	97.4	47	94.7	-----	Met
3+	Hep B	97.1	46	94.1	-----	Met
2	MMR	93.1	67	92.7	94.7	Not Met
2	Varicella	92.2	70	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.8	7	84.5	86.0 (±0.9)	(80%) Met
1	MCV	98.5	9	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.7	20	97.4	-----	(95%) Met
2	MMR	99.4	26	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.8	11	88.8	78.5 (±1.3)	(90%) Met



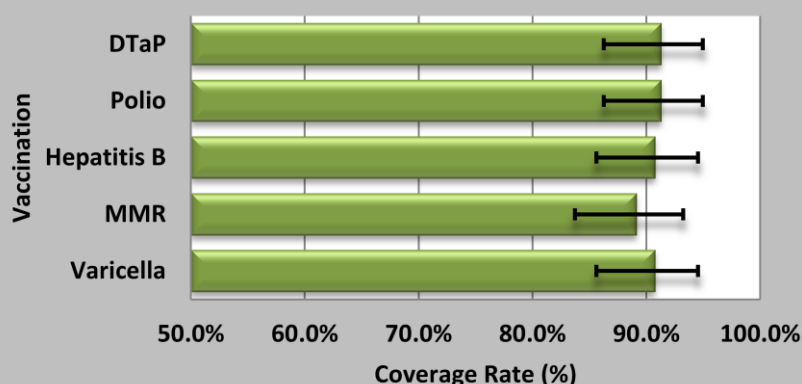
Casey County

184 Children in Kindergarten

164 Children in Sixth Grade



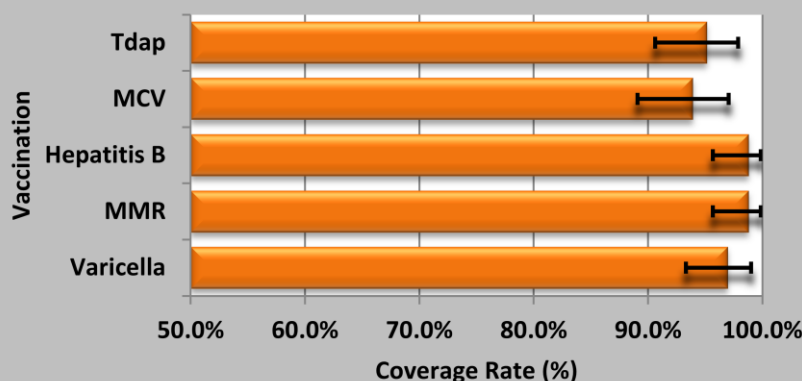
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	91.3%	98.8%
Medical Exemption	0%	0%
Religious Exemption	1.1%	0.6%
No Certificate on File	7.6%	0.6%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Casey County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.3	90	94.4	95.0	Not Met
3+	Polio	91.3	92	94.7	-----	Not Met
3+	Hep B	90.8	93	94.1	-----	Not Met
2	MMR	89.1	90	92.7	94.7	Not Met
2	Varicella	90.8	80	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	95.1	38	84.5	86.0 (±0.9)	(80%) Met
1	MCV	93.9	38	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.8	47	97.4	-----	(95%) Met
2	MMR	98.8	39	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.0	27	88.8	78.5 (±1.3)	(90%) Met



Christian County

831 Children in Kindergarten

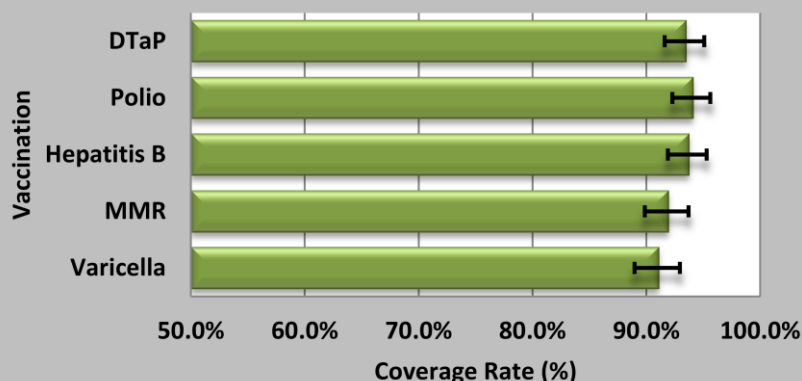
778 Children in Sixth Grade



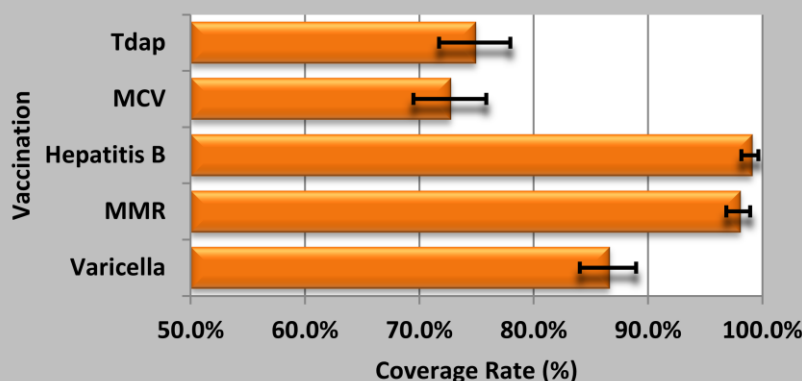
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.3%	97.9%
Medical Exemption	0.1%	0%
Religious Exemption	0.1%	0.1%
No Certificate on File	5.4%	1.9%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Christian County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	93.5	78	94.4	95.0	Not Met
3+	Polio	94.1	74	94.7	-----	Not Met
3+	Hep B	93.7	74	94.1	-----	Not Met
2	MMR	91.9	75	92.7	94.7	Not Met
2	Varicella	91.1	78	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	74.9	91	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	72.8	95	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	99.1	36	97.4	-----	(95%) Met
2	MMR	98.1	68	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	86.6	77	88.8	78.5 (±1.3)	(90%) Not Met



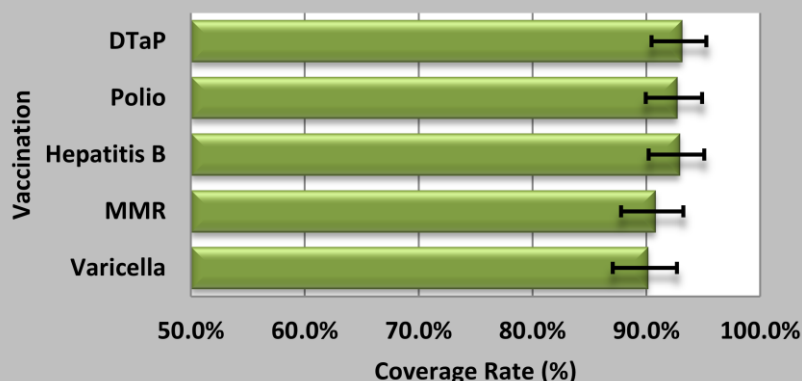
Clark County

466 Children in Kindergarten

444 Children in Sixth Grade



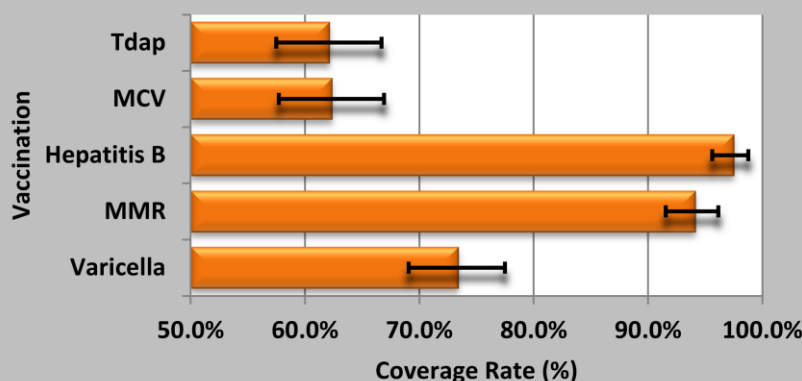
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	93.8%	97.7%
Medical Exemption	0%	0.2%
Religious Exemption	0.2%	0%
No Certificate on File	6.0%	2.0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Clark County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	93.1	81	94.4	95.0	Not Met
3+	Polio	92.7	85	94.7	-----	Not Met
3+	Hep B	92.9	79	94.1	-----	Not Met
2	MMR	90.8	84	92.7	94.7	Not Met
2	Varicella	90.1	85	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	62.2	106	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	62.4	104	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.5	80	97.4	-----	(95%) Met
2	MMR	94.1	111	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	73.4	102	88.8	78.5 (±1.3)	(90%) Not Met



Clay County

338 Children in Kindergarten

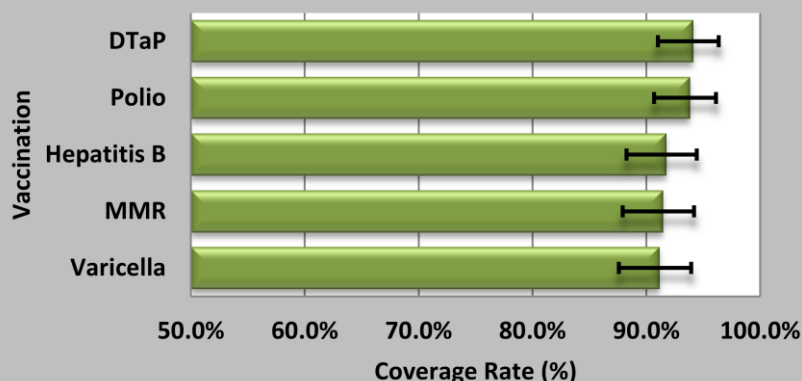
288 Children in Sixth Grade



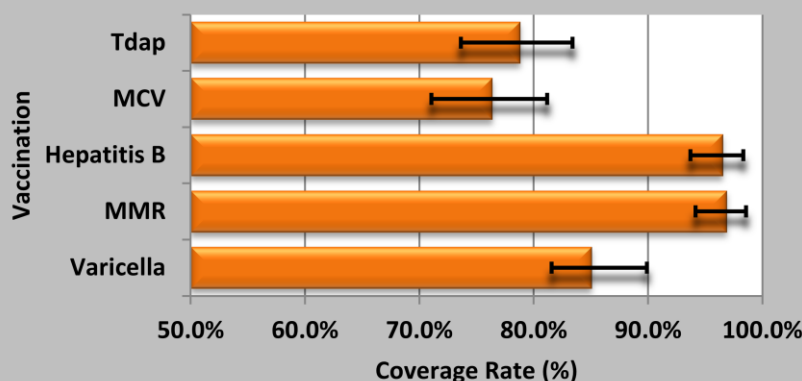
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.1%	97.6%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	5.9%	2.4%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Clay County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.1	73	94.4	95.0	Not Met
3+	Polio	93.8	78	94.7	-----	Not Met
3+	Hep B	91.7	87	94.1	-----	Not Met
2	MMR	91.4	79	92.7	94.7	Not Met
2	Varicella	91.1	77	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	78.8	84	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	76.4	86	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	96.5	94	97.4	-----	(95%) Met
2	MMR	96.9	85	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	85.1	83	88.8	78.5 (±1.3)	(90%) Not Met



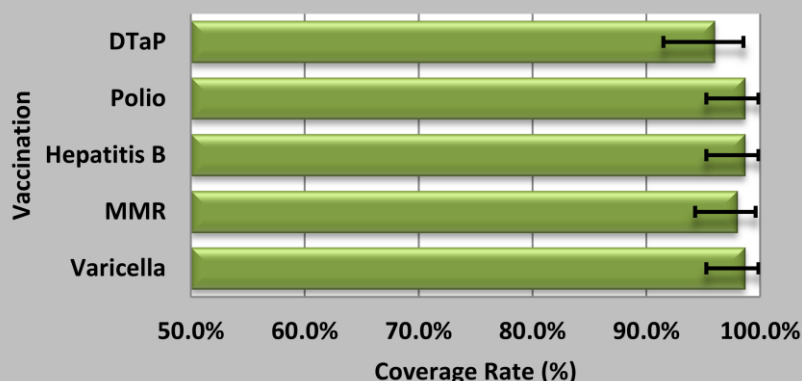
Clinton County

150 Children in Kindergarten

127 Children in Sixth Grade



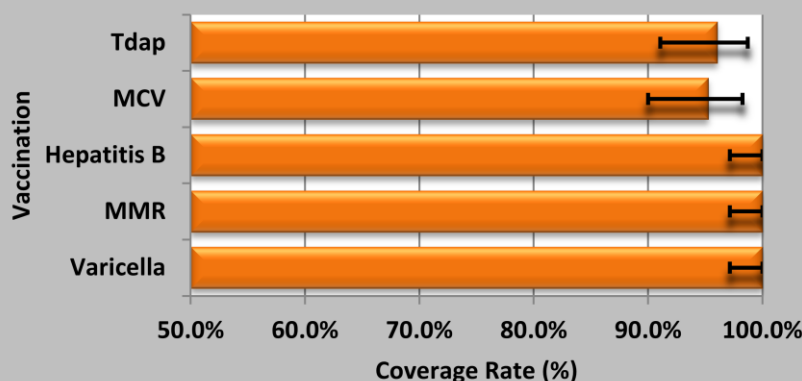
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.7%	100%
Medical Exemption	0%	0%
Religious Exemption	1.3%	0%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Clinton County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.0	57	94.4	95.0	Met
3+	Polio	98.7	27	94.7	-----	Met
3+	Hep B	98.7	22	94.1	-----	Met
2	MMR	98.0	17	92.7	94.7	Met
2	Varicella	98.7	12	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.1	32	84.5	86.0 (±0.9)	(80%) Met
1	MCV	95.3	31	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	100	1	88.8	78.5 (±1.3)	(90%) Met



Crittenden County

104 Children in Kindergarten

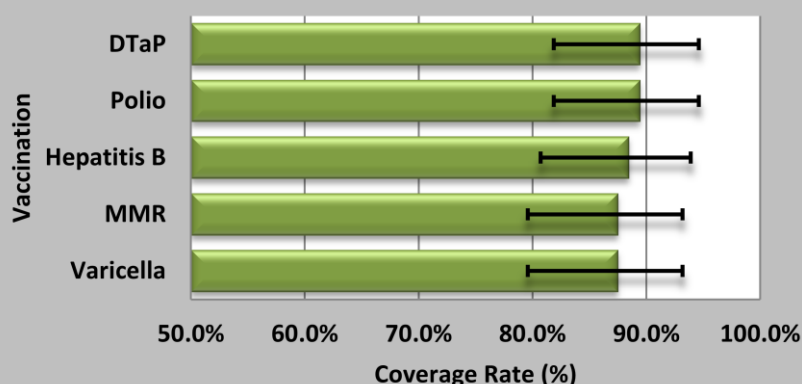
106 Children in Sixth Grade



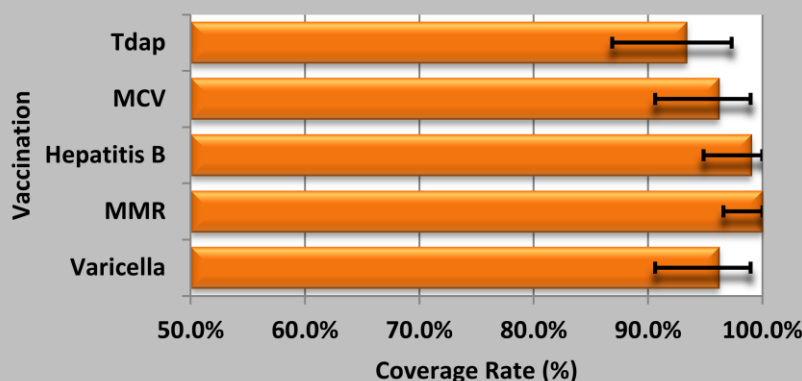
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	90.4%	96.2%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	9.6%	3.8%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Crittenden County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	89.4	97	94.4	95.0	Not Met
3+	Polio	89.4	98	94.7	-----	Not Met
3+	Hep B	88.5	103	94.1	-----	Not Met
2	MMR	87.5	92	92.7	94.7	Not Met
2	Varicella	87.5	93	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	93.4	45	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.2	24	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.1	38	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.2	32	88.8	78.5 (±1.3)	(90%) Met



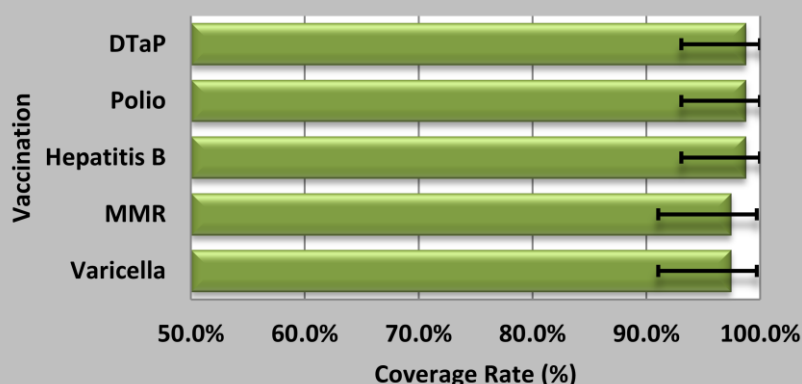
Cumberland County

78 Children in Kindergarten

76 Children in Sixth Grade



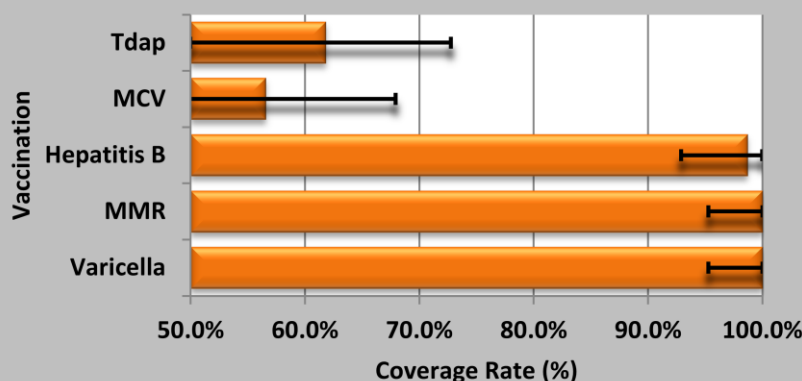
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.4%	100%
Medical Exemption	1.3%	0%
Religious Exemption	0.0%	0%
No Certificate on File	1.3%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Cumberland County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.7	17	94.4	95.0	Met
3+	Polio	98.7	26	94.7	-----	Met
3+	Hep B	98.7	21	94.1	-----	Met
2	MMR	97.4	27	92.7	94.7	Met
2	Varicella	97.4	25	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	61.8	107	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	56.6	110	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.7	52	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	100	1	88.8	78.5 (±1.3)	(90%) Met



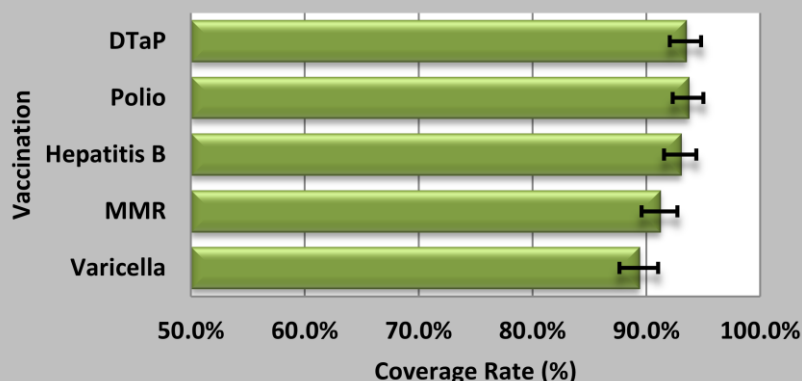
Daviess County

1313 Children in Kindergarten

1263 Children in Sixth Grade



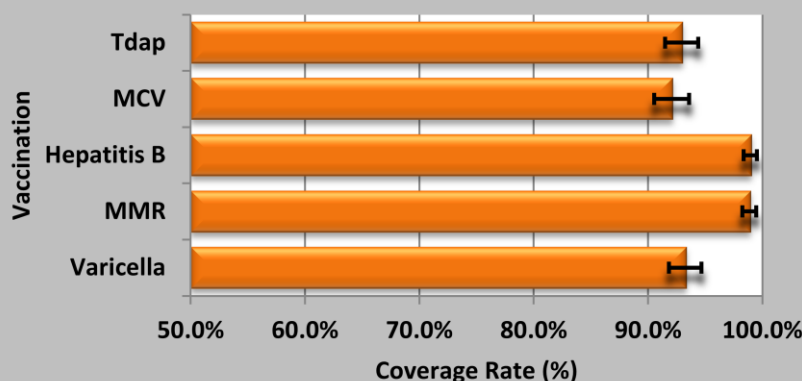
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	93.8%	98.0%
Medical Exemption	0.2%	0.3%
Religious Exemption	0.1%	0.3%
No Certificate on File	5.9%	1.3%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Daviess County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	93.5	77	94.4	95.0	Not Met
3+	Polio	93.8	79	94.7	-----	Not Met
3+	Hep B	93.1	77	94.1	-----	Not Met
2	MMR	91.2	82	92.7	94.7	Not Met
2	Varicella	89.4	88	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	93.0	47	84.5	86.0 (±0.9)	(80%) Met
1	MCV	92.2	44	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.0	39	97.4	-----	(95%) Met
2	MMR	99.0	35	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	93.3	50	88.8	78.5 (±1.3)	(90%) Met



Edmonson County

148 Children in Kindergarten

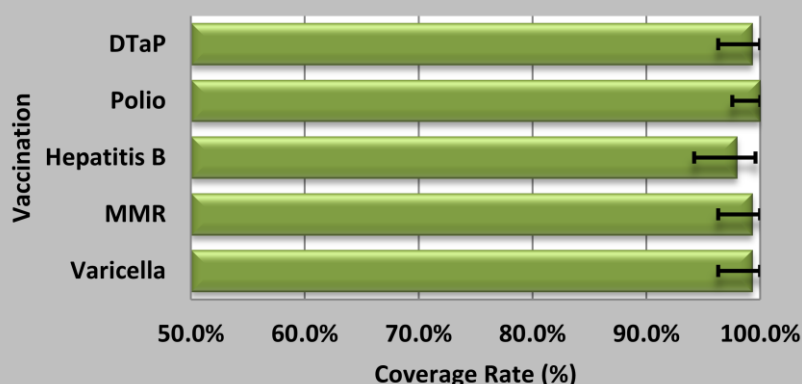
135 Children in Sixth Grade



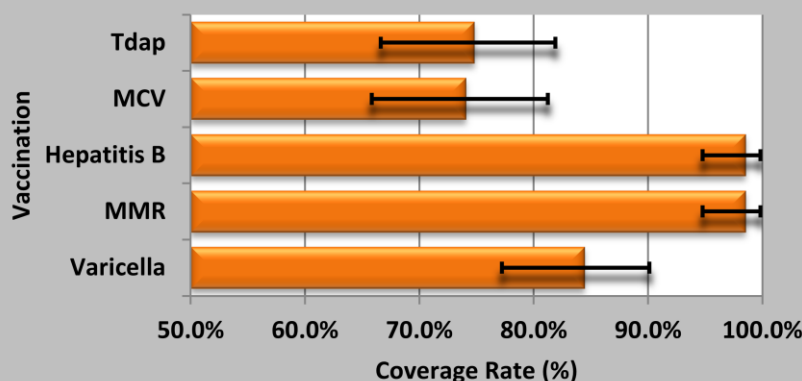
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.3%	99.3%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	0.7%	0.7%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Edmonson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.3	9	94.4	95.0	Met
3+	Polio	100	1	94.7	-----	Met
3+	Hep B	98.0	33	94.1	-----	Met
2	MMR	99.3	6	92.7	94.7	Met
2	Varicella	99.3	8	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	74.8	92	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	74.1	92	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.5	55	97.4	-----	(95%) Met
2	MMR	98.5	49	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	84.4	87	88.8	78.5 (±1.3)	(90%) Not Met



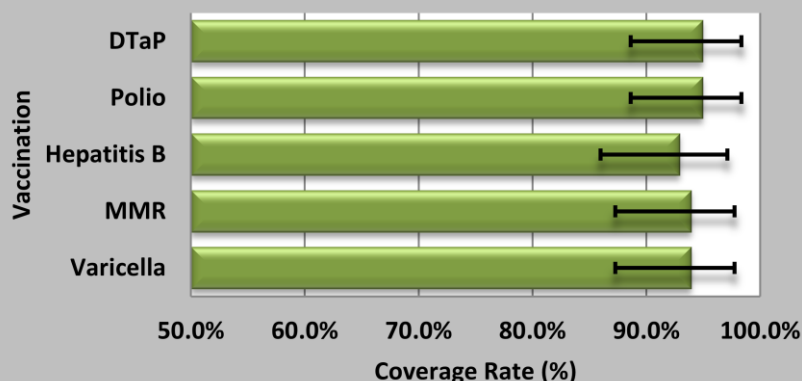
Elliott County

99 Children in Kindergarten

84 Children in Sixth Grade



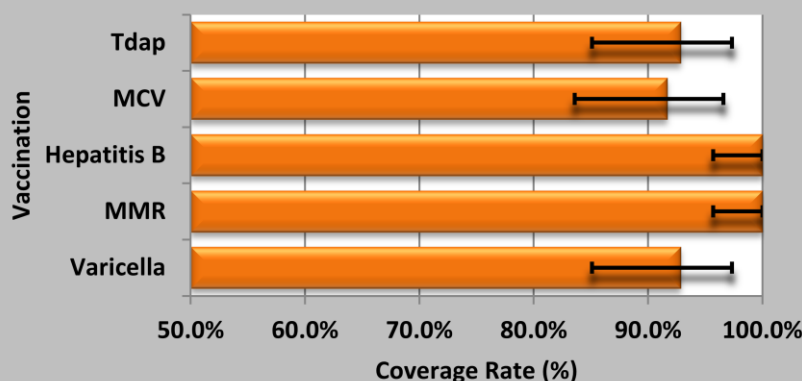
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.9%	100%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	5.1%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Elliott County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.9	64	94.4	95.0	Not Met
3+	Polio	94.9	66	94.7	-----	Not Met
3+	Hep B	92.9	78	94.1	-----	Not Met
2	MMR	93.9	62	92.7	94.7	Not Met
2	Varicella	93.9	60	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	92.9	48	84.5	86.0 (±0.9)	(80%) Met
1	MCV	91.7	46	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	92.9	51	88.8	78.5 (±1.3)	(90%) Met



Estill County

156 Children in Kindergarten

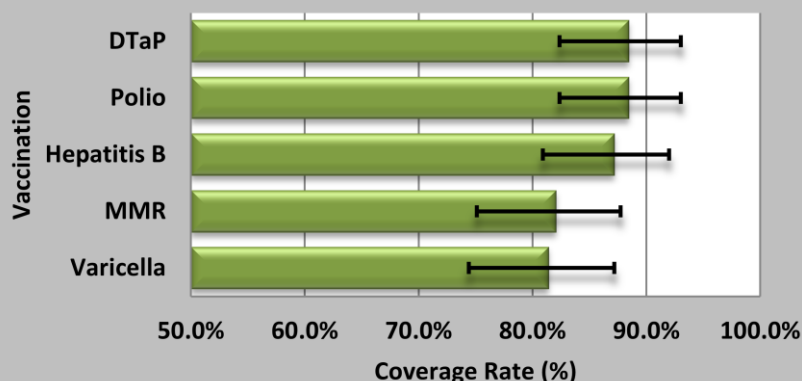
176 Children in Sixth Grade



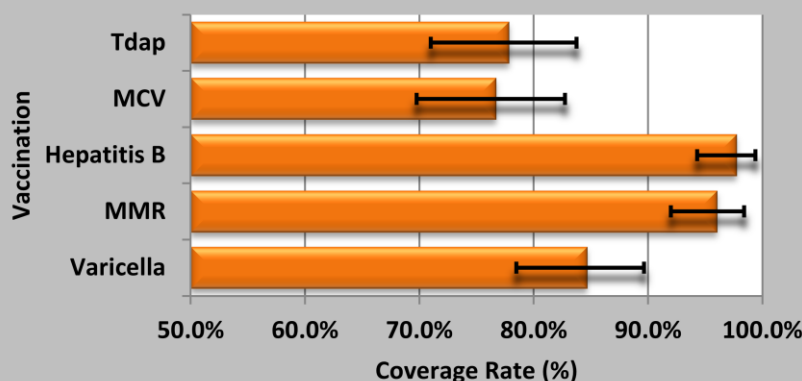
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	88.5%	97.7%
Medical Exemption	0%	0%
Religious Exemption	0%	1.1%
No Certificate on File	11.5%	1.1%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Estill County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	88.5	103	94.4	95.0	Not Met
3+	Polio	88.5	105	94.7	-----	Not Met
3+	Hep B	87.2	108	94.1	-----	Not Met
2	MMR	82.1	113	92.7	94.7	Not Met
2	Varicella	81.4	113	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	77.8	95	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	76.7	96	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.7	89	97.4	-----	(95%) Met
2	MMR	96.0	80	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	84.7	74	88.8	78.5 (±1.3)	(90%) Not Met



Fayette County

3808 Children in Kindergarten

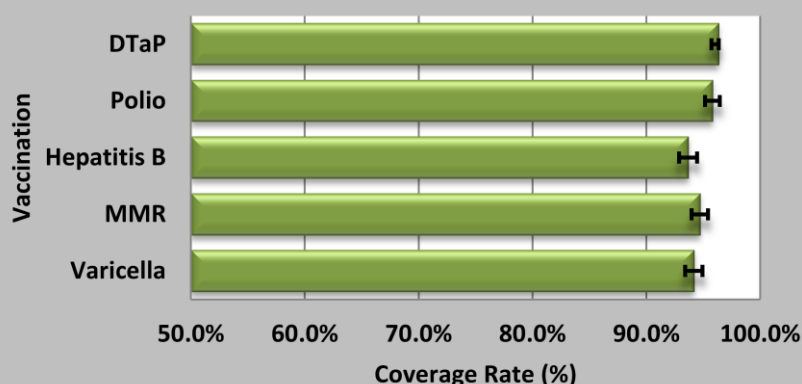
3485 Children in Sixth Grade



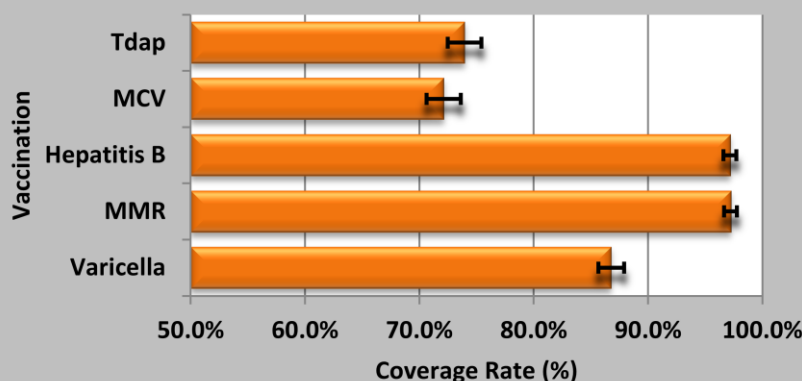
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.3%	98.0%
Medical Exemption	0.2%	0.5%
Religious Exemption	0.8%	0.5%
No Certificate on File	1.7%	0.9%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Fayette County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.3	55	94.4	95.0	Met
3+	Polio	95.8	60	94.7	-----	Met
3+	Hep B	93.7	75	94.1	-----	Not Met
2	MMR	94.7	57	92.7	94.7	Not Met
2	Varicella	94.2	57	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	74.0	95	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	72.1	96	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.2	89	97.4	-----	(95%) Met
2	MMR	97.2	80	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	86.8	74	88.8	78.5 (±1.3)	(90%) Not Met



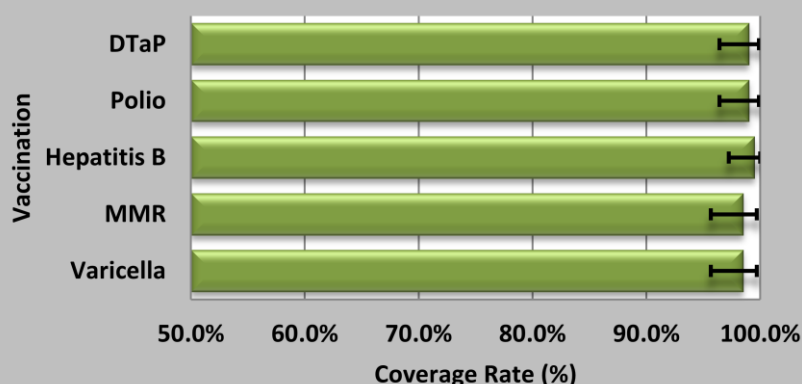
Fleming County

199 Children in Kindergarten

198 Children in Sixth Grade



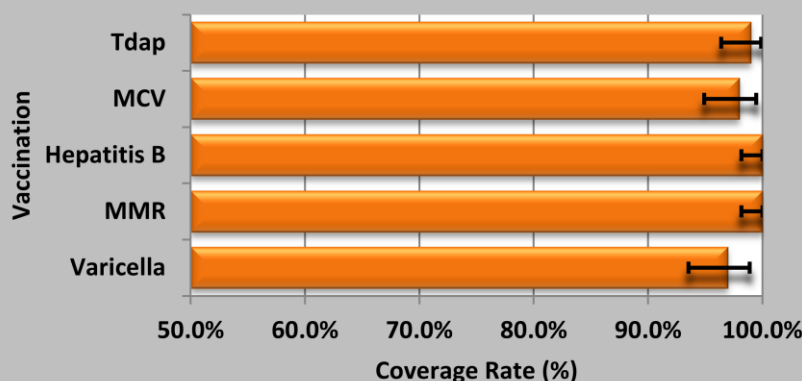
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.5%	100%
Medical Exemption	0.5%	0%
Religious Exemption	0%	0%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Fleming County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.0	13	94.4	95.0	Met
3+	Polio	99.0	18	94.7	-----	Met
3+	Hep B	99.5	8	94.1	-----	Met
2	MMR	98.5	14	92.7	94.7	Met
2	Varicella	98.5	14	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	99.0	4	84.5	86.0 (±0.9)	(80%) Met
1	MCV	98.0	11	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.0	26	88.8	78.5 (±1.3)	(90%) Met



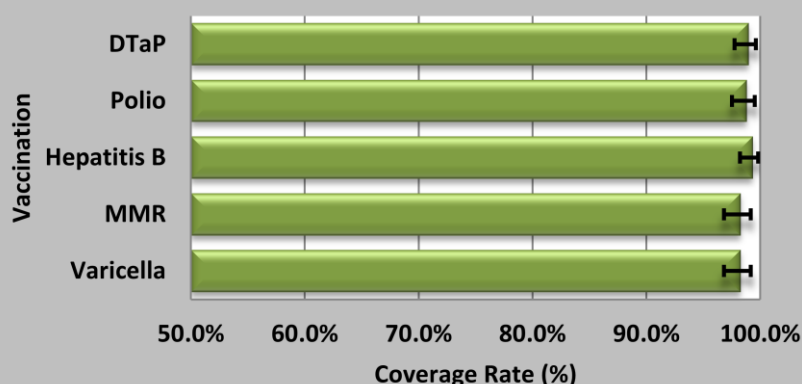
Floyd County

573 Children in Kindergarten

456 Children in Sixth Grade



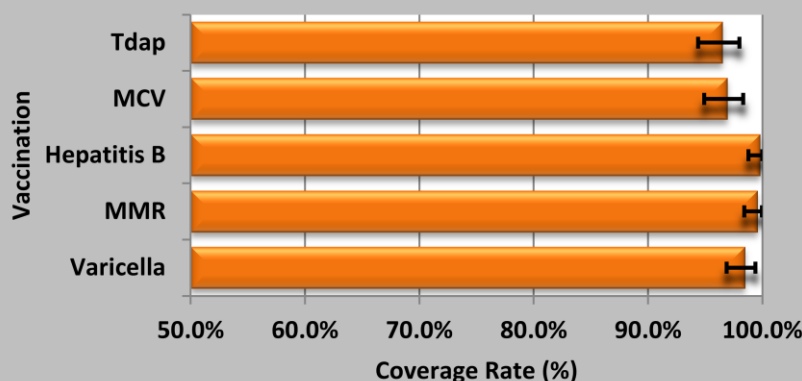
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.3%	99.3%
Medical Exemption	0.2%	0.7%
Religious Exemption	0%	0%
No Certificate on File	0.5%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Floyd County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.0	15	94.4	95.0	Met
3+	Polio	98.8	25	94.7	-----	Met
3+	Hep B	99.3	10	94.1	-----	Met
2	MMR	98.3	15	92.7	94.7	Met
2	Varicella	98.3	16	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.5	30	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.9	19	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.8	19	97.4	-----	(95%) Met
2	MMR	99.6	21	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.5	13	88.8	78.5 (±1.3)	(90%) Met



Franklin County

653 Children in Kindergarten

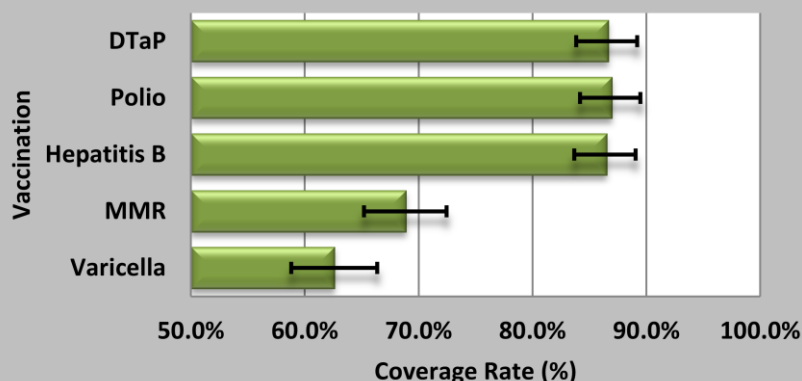
587 Children in Sixth Grade



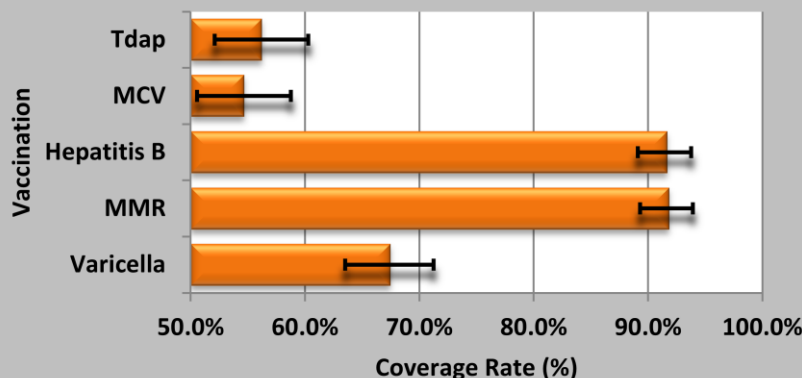
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	88.2%	92.8%
Medical Exemption	0%	0%
Religious Exemption	0.5%	0%
No Certificate on File	11.3%	7.2%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Franklin County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	86.7	110	94.4	95.0	Not Met
3+	Polio	87.0	110	94.7	-----	Not Met
3+	Hep B	86.5	112	94.1	-----	Not Met
2	MMR	68.9	120	92.7	94.7	Not Met
2	Varicella	62.6	120	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	56.2	112	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	54.7	112	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	91.7	115	97.4	-----	(95%) Not Met
2	MMR	91.8	116	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	67.5	110	88.8	78.5 (±1.3)	(90%) Not Met



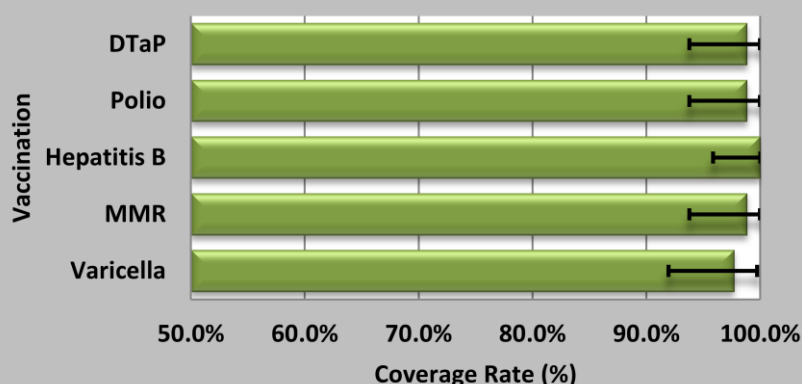
Fulton County

87 Children in Kindergarten

81 Children in Sixth Grade



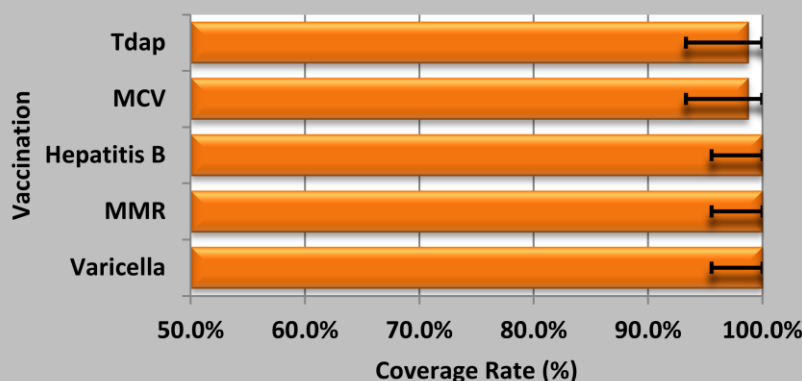
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	100%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Fulton County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.9	16	94.4	95.0	Met
3+	Polio	98.9	23	94.7	-----	Met
3+	Hep B	100	1	94.1	-----	Met
2	MMR	98.9	12	92.7	94.7	Met
2	Varicella	97.7	21	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.8	8	84.5	86.0 (±0.9)	(80%) Met
1	MCV	98.8	7	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	100	1	88.8	78.5 (±1.3)	(90%) Met



Gallatin County

118 Children in Kindergarten

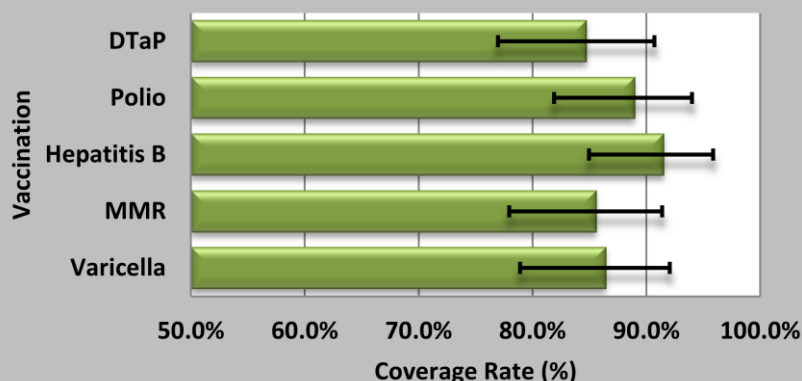
124 Children in Sixth Grade



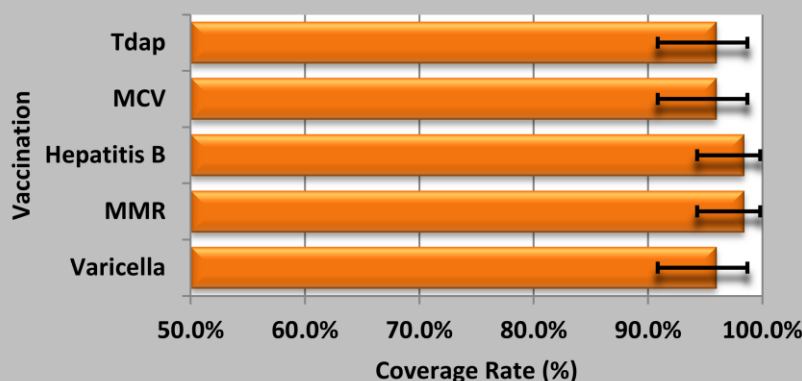
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.1%	100%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	5.9%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Gallatin County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	84.7	116	94.4	95.0	Not Met
3+	Polio	89.0	102	94.7	-----	Not Met
3+	Hep B	91.5	90	94.1	-----	Not Met
2	MMR	85.6	102	92.7	94.7	Not Met
2	Varicella	86.4	9	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.0	33	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.0	27	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.4	62	97.4	-----	(95%) Met
2	MMR	98.4	55	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.0	37	88.8	78.5 (±1.3)	(90%) Met



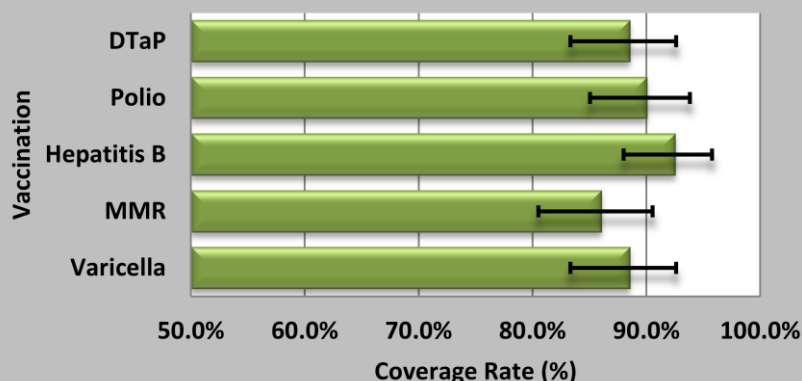
Garrard County

201 Children in Kindergarten

213 Children in Sixth Grade



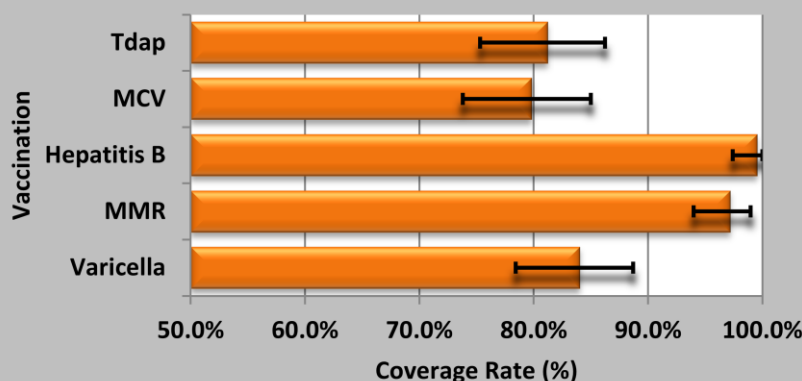
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	93.5%	97.7%
Medical Exemption	1.0%	0.9%
Religious Exemption	0.5%	0%
No Certificate on File	5.0%	1.4%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Garrard County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	88.6	102	94.4	95.0	Not Met
3+	Polio	90.0	95	94.7	-----	Not Met
3+	Hep B	92.5	82	94.1	-----	Not Met
2	MMR	86.1	99	92.7	94.7	Not Met
2	Varicella	88.6	92	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	81.2	79	84.5	86.0 (±0.9)	(80%) Met
1	MCV	79.8	79	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	99.5	22	97.4	-----	(95%) Met
2	MMR	97.2	81	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	84.0	88	88.8	78.5 (±1.3)	(90%) Not Met



Grant County

375 Children in Kindergarten

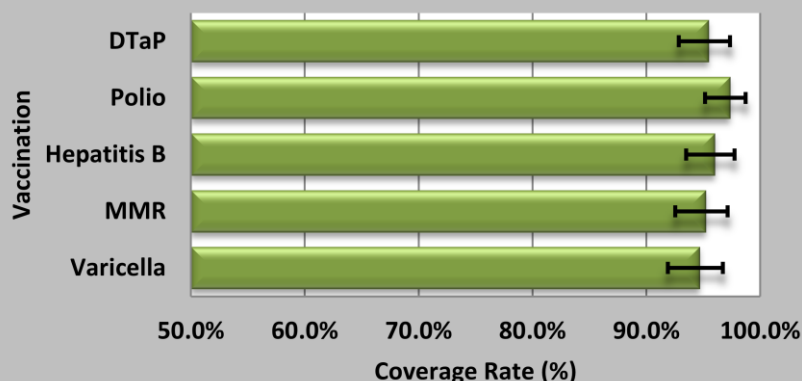
339 Children in Sixth Grade



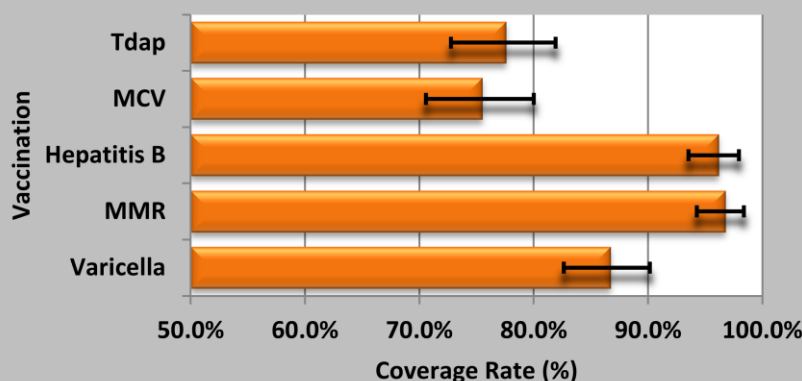
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.1%	97.1%
Medical Exemption	0.3%	0%
Religious Exemption	0.5%	0.3%
No Certificate on File	2.5%	2.7%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Grant County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	95.5	61	94.4	95.0	Met
3+	Polio	97.3	48	94.7	-----	Met
3+	Hep B	96.0	56	94.1	-----	Met
2	MMR	95.2	53	92.7	94.7	Met
2	Varicella	94.7	55	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	77.6	89	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	75.5	89	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	96.2	100	97.4	-----	(95%) Met
2	MMR	96.8	89	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	86.7	75	88.8	78.5 (±1.3)	(90%) Not Met



Graves County

532 Children in Kindergarten

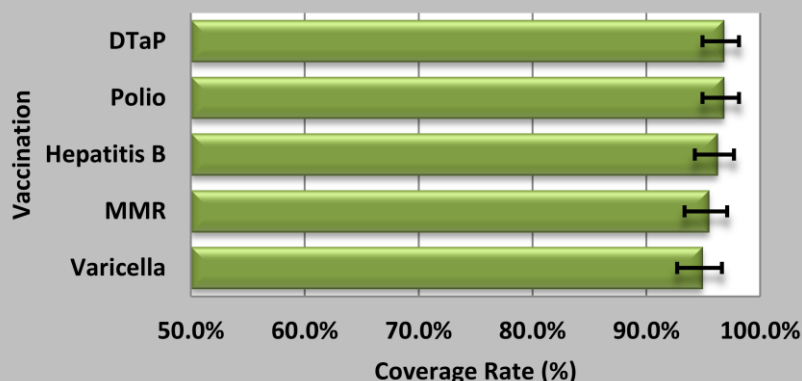
459 Children in Sixth Grade



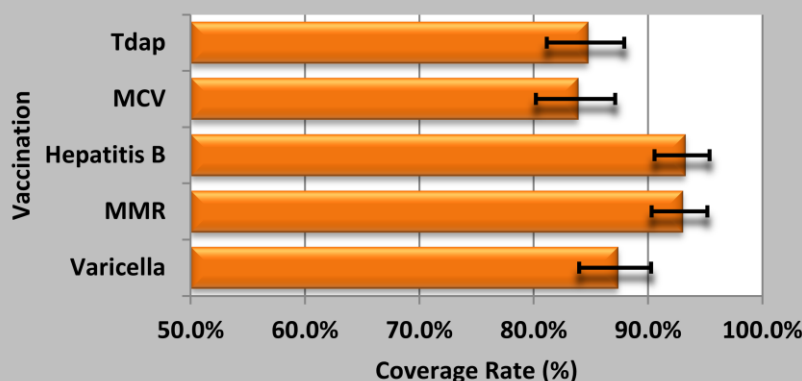
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.0%	93.5%
Medical Exemption	0.8%	0.7%
Religious Exemption	1.1%	0.2%
No Certificate on File	1.1%	5.7%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Graves County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.8	48	94.4	95.0	Met
3+	Polio	96.8	55	94.7	-----	Met
3+	Hep B	96.2	55	94.1	-----	Met
2	MMR	95.5	48	92.7	94.7	Met
2	Varicella	94.9	51	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	84.7	68	84.5	86.0 (±0.9)	(80%) Met
1	MCV	83.9	64	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	93.2	112	97.4	-----	(95%) Not Met
2	MMR	93.0	114	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	87.4	72	88.8	78.5 (±1.3)	(90%) Not Met



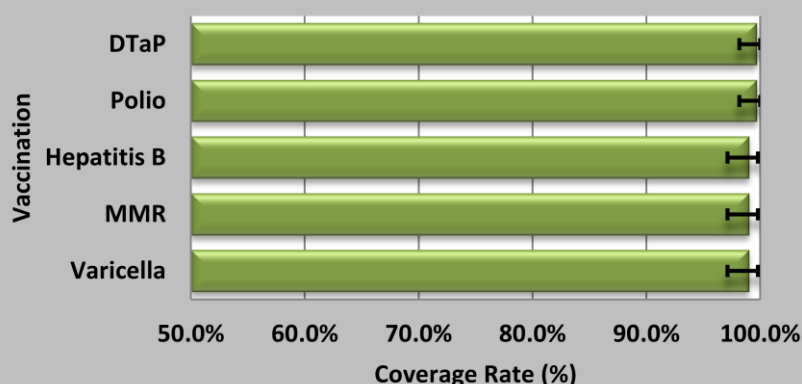
Grayson County

301 Children in Kindergarten

323 Children in Sixth Grade



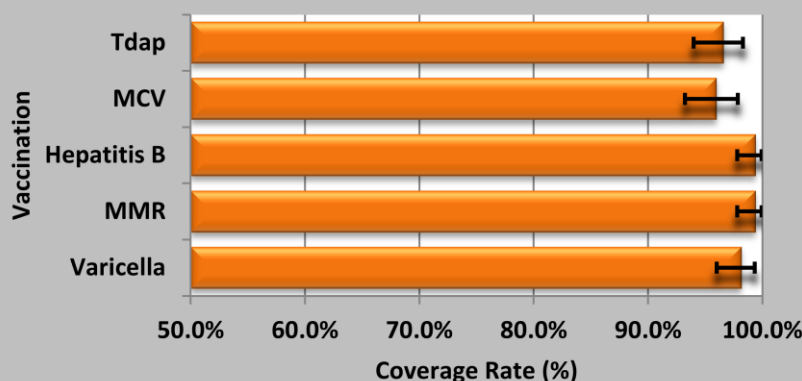
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.7%	99.4%
Medical Exemption	0%	0%
Religious Exemption	0%	0.3%
No Certificate on File	0.3%	0.3%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Grayson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.7	4	94.4	95.0	Met
3+	Polio	99.7	8	94.7	-----	Met
3+	Hep B	99.0	16	94.1	-----	Met
2	MMR	99.0	9	92.7	94.7	Met
2	Varicella	99.0	10	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.6	29	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.0	26	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.4	26	97.4	-----	(95%) Met
2	MMR	99.4	27	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.1	14	88.8	78.5 (±1.3)	(90%) Met



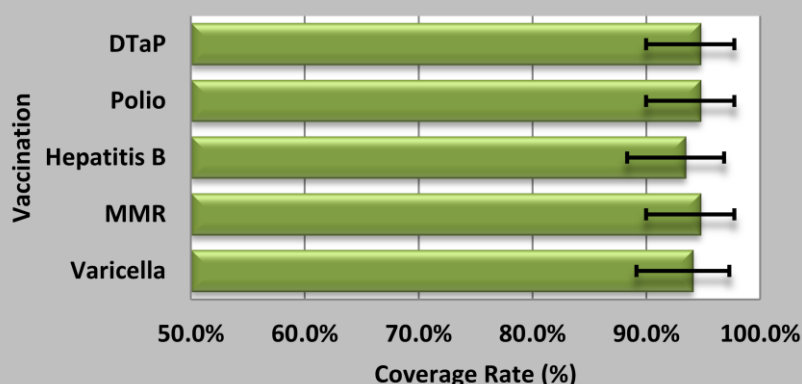
Green County

153 Children in Kindergarten

122 Children in Sixth Grade



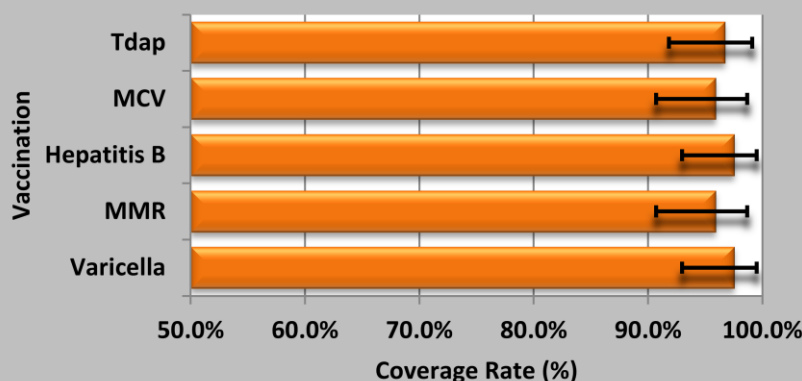
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.4%	97.5%
Medical Exemption	1.3%	0%
Religious Exemption	0.7%	1.6%
No Certificate on File	2.6%	0.8%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Green County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.8	67	94.4	95.0	Not Met
3+	Polio	94.8	68	94.7	-----	Not Met
3+	Hep B	93.5	76	94.1	-----	Not Met
2	MMR	94.8	55	92.7	94.7	Not Met
2	Varicella	94.1	58	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.7	25	84.5	86.0 (±0.9)	(80%) Met
1	MCV	95.9	28	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	97.5	79	97.4	-----	(95%) Met
2	MMR	95.9	100	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.5	20	88.8	78.5 (±1.3)	(90%) Met



Greenup County

495 Children in Kindergarten

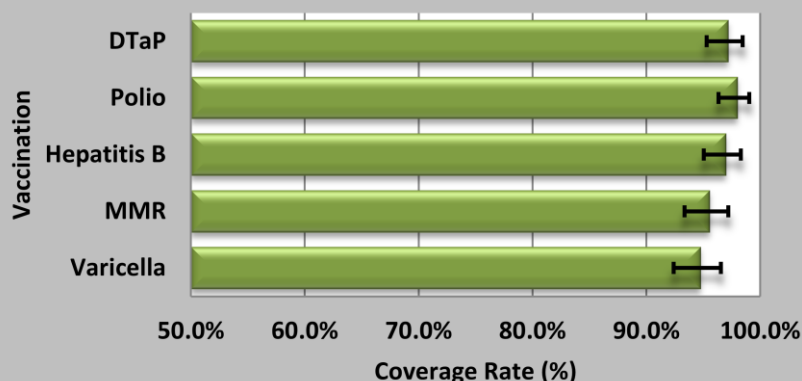
493 Children in Sixth Grade



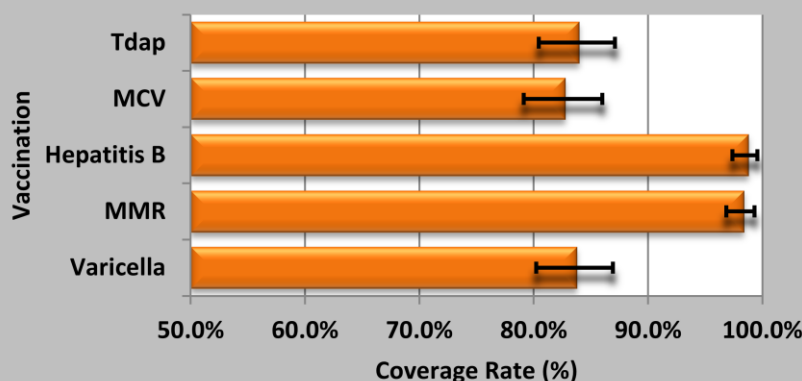
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.0%	98.8%
Medical Exemption	0.2%	0.2%
Religious Exemption	0.6%	0.4%
No Certificate on File	1.2%	0.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Greenup County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.2	43	94.4	95.0	Met
3+	Polio	98.0	39	94.7	-----	Met
3+	Hep B	97.0	48	94.1	-----	Met
2	MMR	95.6	47	92.7	94.7	Met
2	Varicella	94.7	53	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	84.0	70	84.5	86.0 (±0.9)	(80%) Met
1	MCV	82.8	70	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.8	46	97.4	-----	(95%) Met
2	MMR	98.4	56	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	93.8	89	88.8	78.5 (±1.3)	(90%) Met



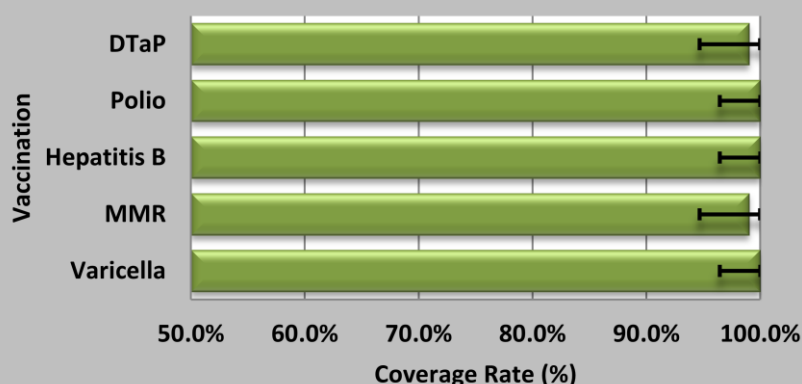
Hancock County

102 Children in Kindergarten

125 Children in Sixth Grade



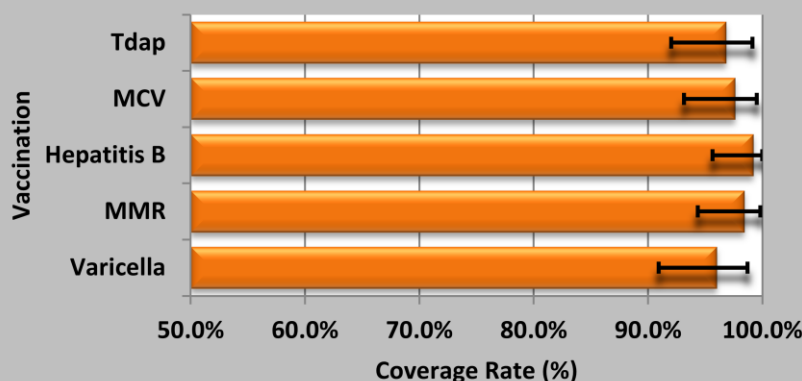
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	96.8%
Medical Exemption	0%	0.8%
Religious Exemption	0%	2.4%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Hancock County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.0	12	94.4	95.0	Met
3+	Polio	100	1	94.7	-----	Met
3+	Hep B	100	1	94.1	-----	Met
2	MMR	99.0	8	92.7	94.7	Met
2	Varicella	100	1	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.8	24	84.5	86.0 (±0.9)	(80%) Met
1	MCV	97.6	14	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.2	33	97.4	-----	(95%) Met
2	MMR	98.4	53	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.0	36	88.8	78.5 (±1.3)	(90%) Met



Hardin County

992 Children in Kindergarten

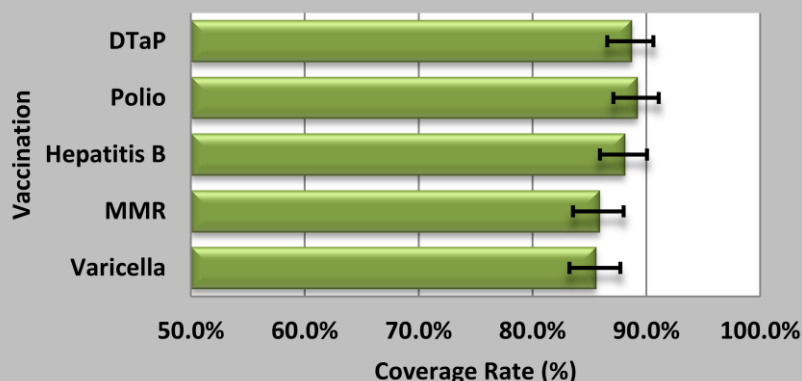
1135 Children in Sixth Grade



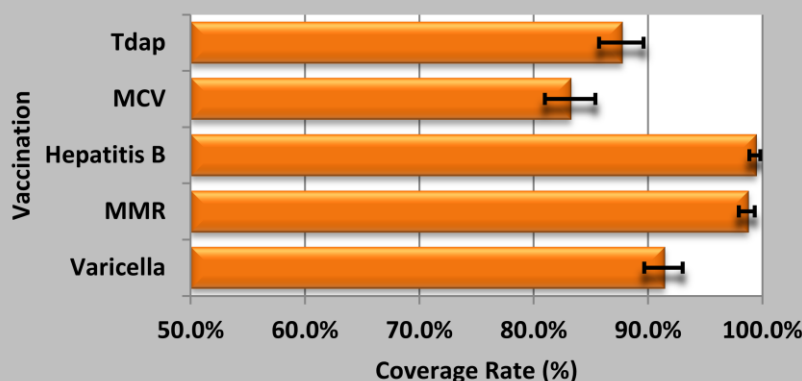
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	89.9%	98.8%
Medical Exemption	0.2%	0.2%
Religious Exemption	0.8%	0.5%
No Certificate on File	9.1%	0.5%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Hardin County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	88.7	101	94.4	95.0	Not Met
3+	Polio	89.2	100	94.7	-----	Not Met
3+	Hep B	88.1	105	94.1	-----	Not Met
2	MMR	85.9	101	92.7	94.7	Not Met
2	Varicella	85.6	99	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	87.8	64	84.5	86.0 (±0.9)	(80%) Met
1	MCV	83.3	68	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.5	24	97.4	-----	(95%) Met
2	MMR	98.8	41	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	91.5	59	88.8	78.5 (±1.3)	(90%) Met



Harlan County

370 Children in Kindergarten

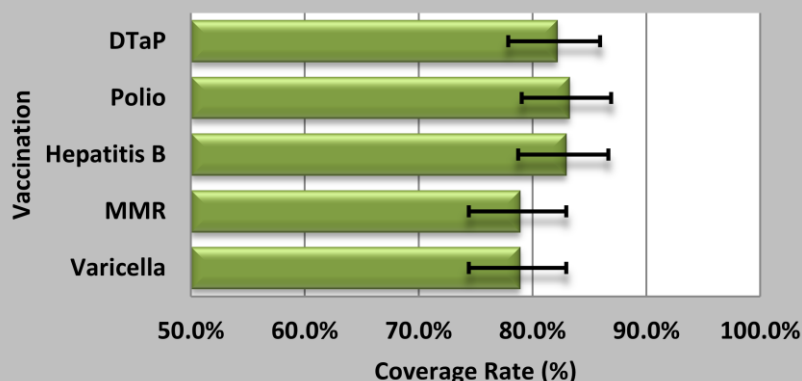
378 Children in Sixth Grade



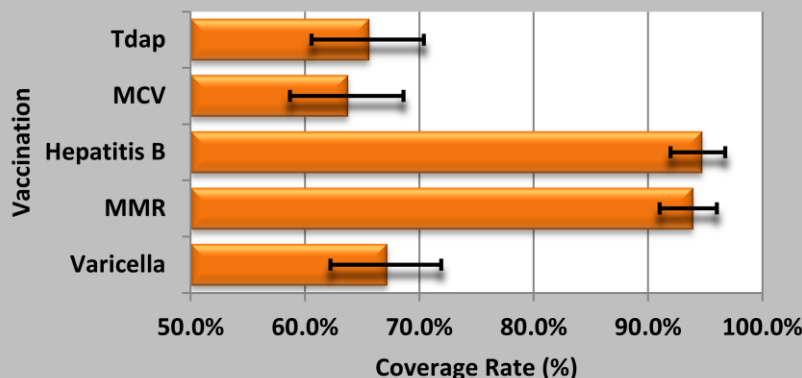
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	83.8%	95.0%
Medical Exemption	0%	0.5%
Religious Exemption	0%	0%
No Certificate on File	16.2%	4.5%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Harlan County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	82.2	118	94.4	95.0	Not Met
3+	Polio	83.2	118	94.7	-----	Not Met
3+	Hep B	83.0	118	94.1	-----	Not Met
2	MMR	78.9	116	92.7	94.7	Not Met
2	Varicella	78.9	115	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	65.6	104	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	63.8	102	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	94.7	108	97.4	-----	(95%) Not Met
2	MMR	93.9	112	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	67.2	111	88.8	78.5 (±1.3)	(90%) Not Met



Harrison County

235 Children in Kindergarten

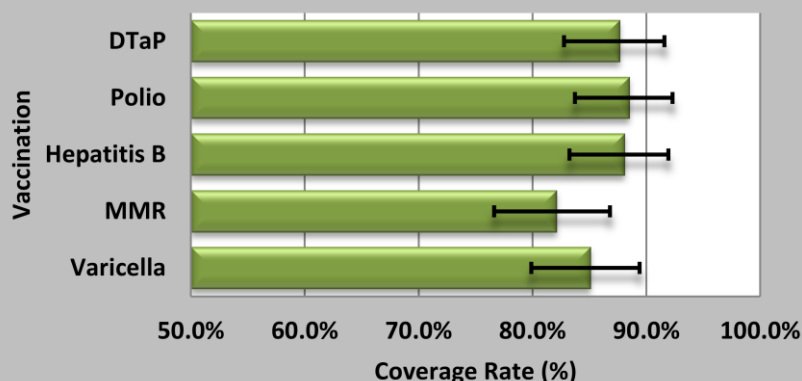
235 Children in Sixth Grade



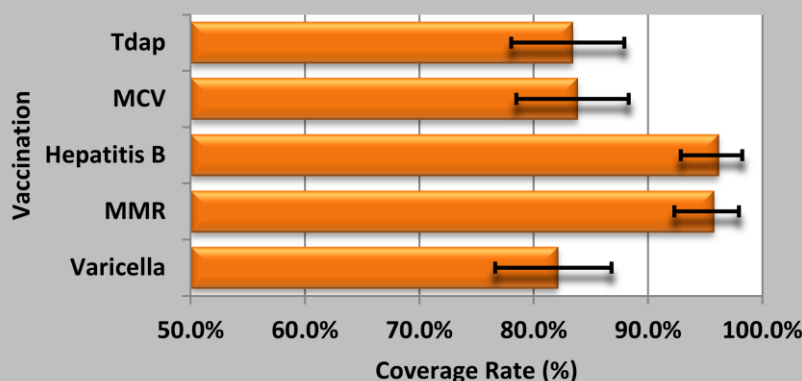
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	88.9%	97.0%
Medical Exemption	0%	0.4%
Religious Exemption	0%	0.9%
No Certificate on File	11.1%	1.7%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Harrison County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	87.7	106	94.4	95.0	Not Met
3+	Polio	88.5	104	94.7	-----	Not Met
3+	Hep B	88.1	106	94.1	-----	Not Met
2	MMR	82.1	112	92.7	94.7	Not Met
2	Varicella	85.1	104	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	83.4	72	84.5	86.0 (±0.9)	(80%) Met
1	MCV	83.8	65	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.2	99	97.4	-----	(95%) Met
2	MMR	95.7	101	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	82.1	90	88.8	78.5 (±1.3)	(90%) Not Met



Hart County

186 Children in Kindergarten

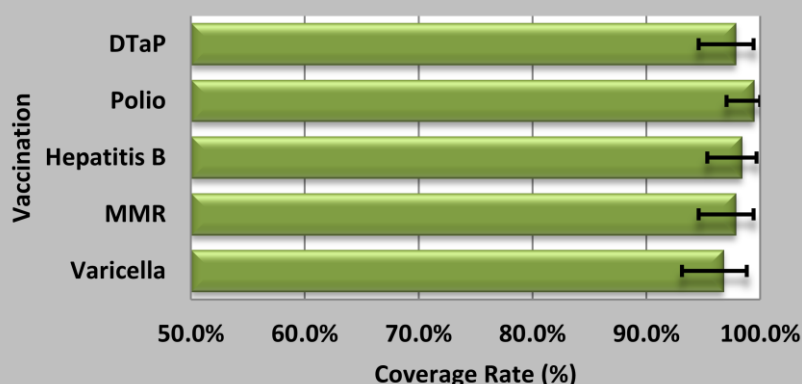
148 Children in Sixth Grade



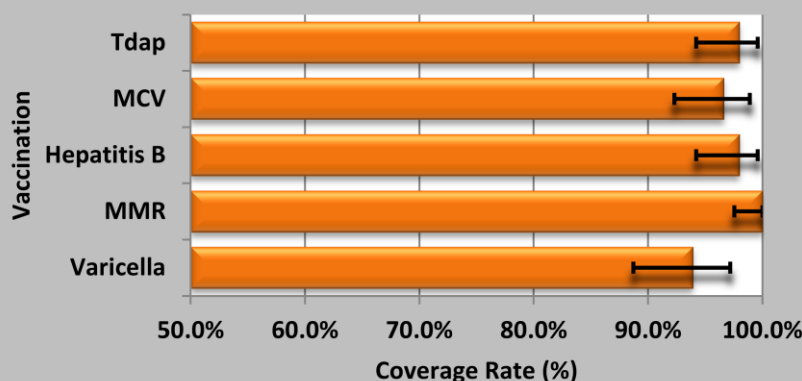
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	100%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Hart County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.8	32	94.4	95.0	Met
3+	Polio	99.5	10	94.7	-----	Met
3+	Hep B	98.4	27	94.1	-----	Met
2	MMR	97.8	21	92.7	94.7	Met
2	Varicella	96.8	35	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.0	14	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.6	21	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.0	74	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	93.9	46	88.8	78.5 (±1.3)	(90%) Met



Henderson County

627 Children in Kindergarten

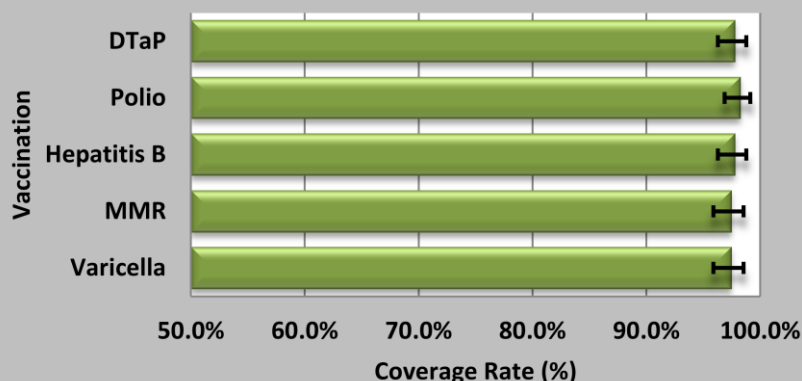
559 Children in Sixth Grade



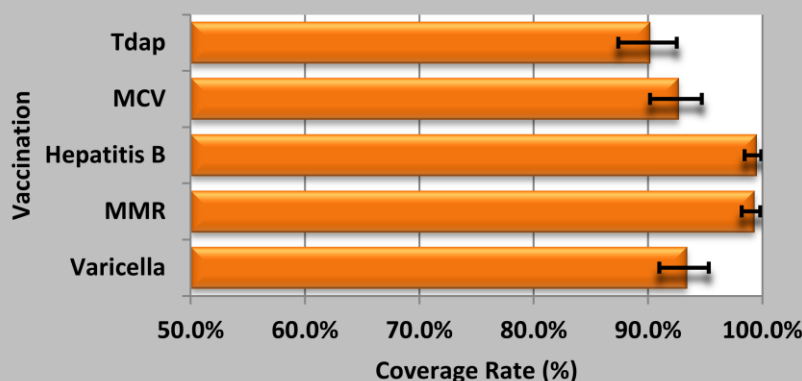
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.6%	98.9%
Medical Exemption	0.2%	0.5%
Religious Exemption	0.2%	0.2%
No Certificate on File	1.1%	0.4%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Henderson County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.8	34	94.4	95.0	Met
3+	Polio	98.2	32	94.7	-----	Met
3+	Hep B	97.8	38	94.1	-----	Met
2	MMR	97.4	26	92.7	94.7	Met
2	Varicella	97.4	24	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	90.2	58	84.5	86.0 (±0.9)	(80%) Met
1	MCV	92.7	43	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.5	25	97.4	-----	(95%) Met
2	MMR	99.3	30	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	93.4	49	88.8	78.5 (±1.3)	(90%) Met



Henry County

203 Children in Kindergarten

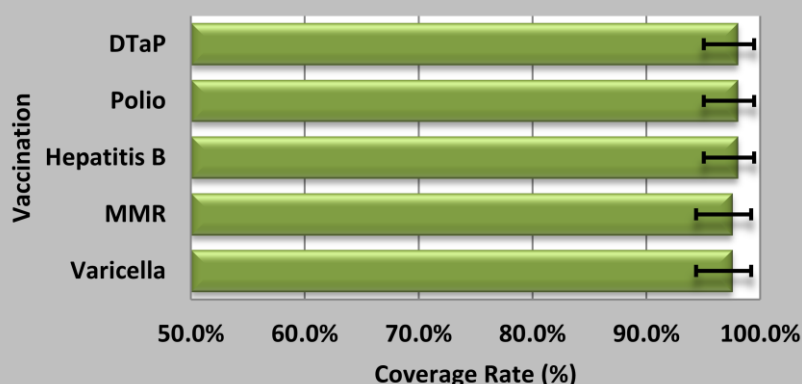
244 Children in Sixth Grade



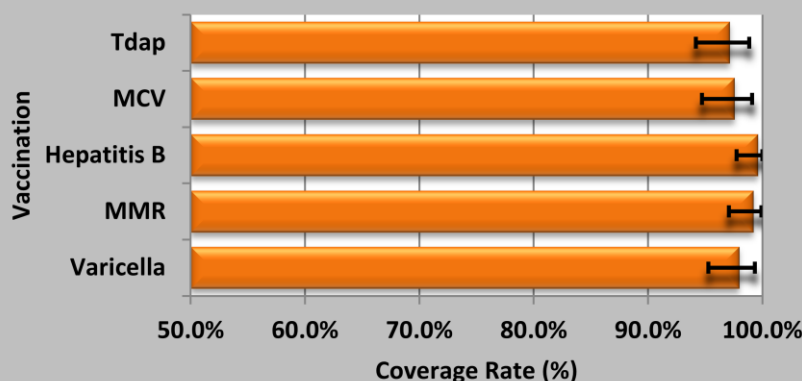
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.0%	99.2%
Medical Exemption	0%	0.4%
Religious Exemption	1.0%	0.4%
No Certificate on File	1.0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Henry County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.0	29	94.4	95.0	Met
3+	Polio	98.0	37	94.7	-----	Met
3+	Hep B	98.0	32	94.1	-----	Met
2	MMR	97.5	25	92.7	94.7	Met
2	Varicella	97.5	23	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.1	19	84.5	86.0 (±0.9)	(80%) Met
1	MCV	97.5	15	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.6	21	97.4	-----	(95%) Met
2	MMR	99.2	32	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.0	17	88.8	78.5 (±1.3)	(90%) Met



Hickman County

52 Children in Kindergarten

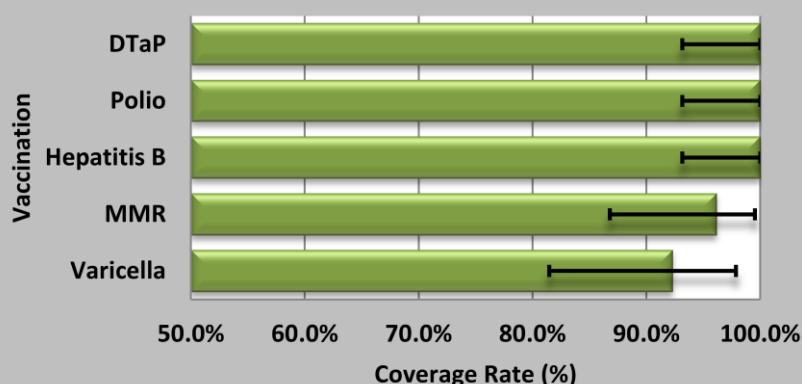
44 Children in Sixth Grade



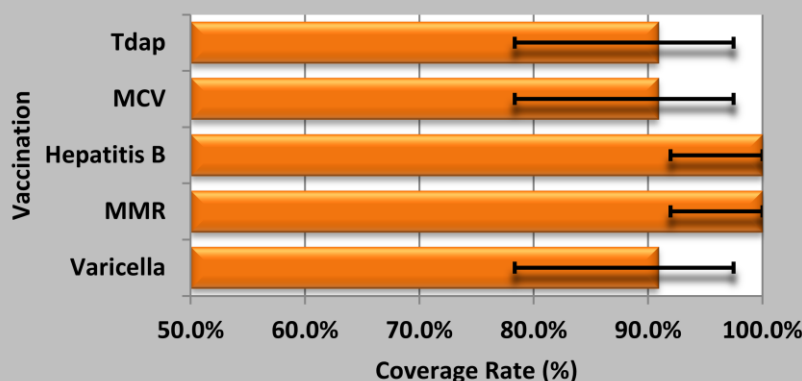
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.1%	100%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	1.9%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Hickman County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	100	1	94.4	95.0	Met
3+	Polio	100	1	94.7	-----	Met
3+	Hep B	100	1	94.1	-----	Met
2	MMR	96.2	43	92.7	94.7	Met
2	Varicella	92.3	69	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	90.9	54	84.5	86.0 (±0.9)	(80%) Met
1	MCV	90.9	48	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	90.9	62	88.8	78.5 (±1.3)	(90%) Met



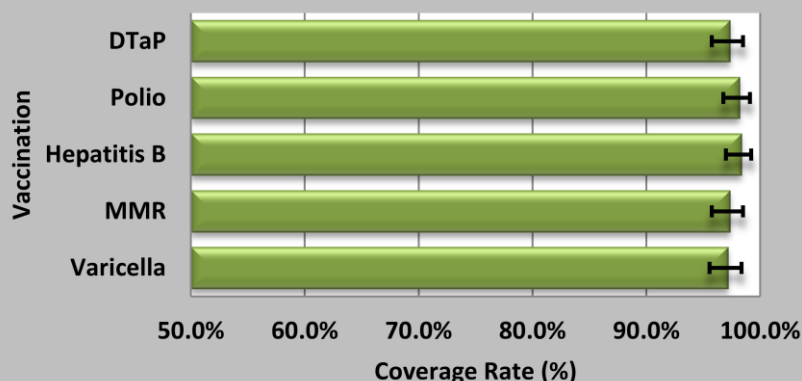
Hopkins County

604 Children in Kindergarten

553 Children in Sixth Grade



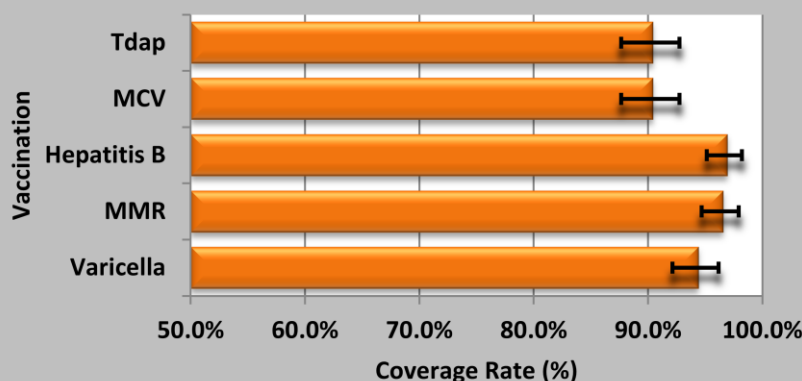
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.0%	98.2%
Medical Exemption	0.2%	0.5%
Religious Exemption	1.0%	0.4%
No Certificate on File	0.8%	0.9%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Hopkins County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.4	40	94.4	95.0	Met
3+	Polio	98.2	33	94.7	-----	Met
3+	Hep B	98.3	29	94.1	-----	Met
2	MMR	97.4	28	92.7	94.7	Met
2	Varicella	97.2	28	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	90.4	56	84.5	86.0 (±0.9)	(80%) Met
1	MCV	90.4	50	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.9	91	97.4	-----	(95%) Met
2	MMR	96.6	91	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	94.4	43	88.8	78.5 (±1.3)	(90%) Met



Jackson County

193 Children in Kindergarten

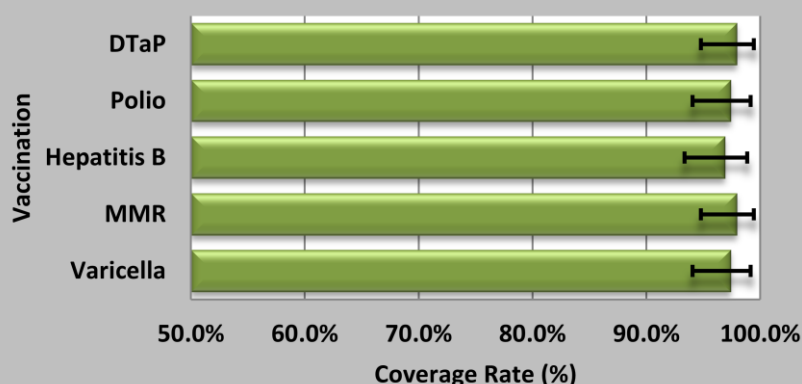
164 Children in Sixth Grade



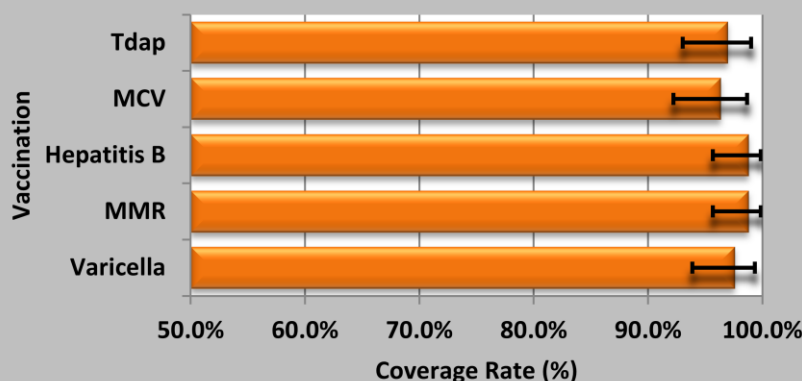
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.4%	98.8%
Medical Exemption	0%	0%
Religious Exemption	1.6%	1.2%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Jackson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.9	30	94.4	95.0	Met
3+	Polio	97.4	46	94.7	-----	Met
3+	Hep B	96.9	50	94.1	-----	Met
2	MMR	97.9	20	92.7	94.7	Met
2	Varicella	97.4	26	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.0	23	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.3	22	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.8	47	97.4	-----	(95%) Met
2	MMR	98.8	39	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.6	19	88.8	78.5 (±1.3)	(90%) Met



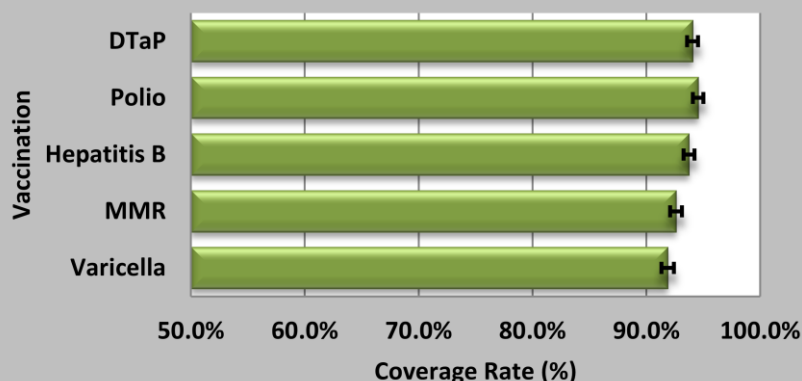
Jefferson County

9758 Children in Kindergarten

9335 Children in Sixth Grade



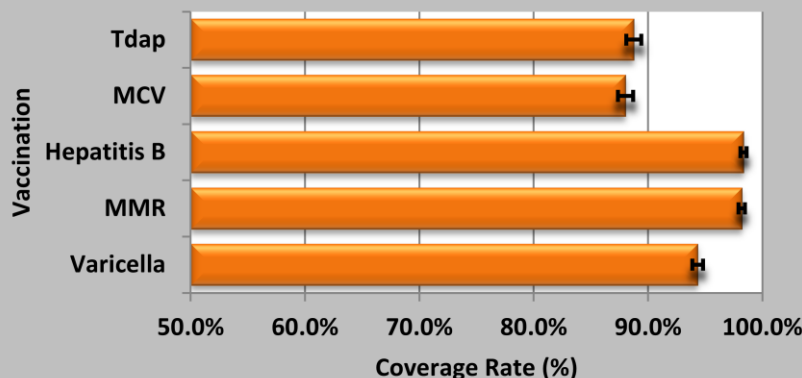
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.0%	98.0%
Medical Exemption	0.1%	0.2%
Religious Exemption	0.7%	0.6%
No Certificate on File	4.2%	1.2%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Jefferson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.1	74	94.4	95.0	Not Met
3+	Polio	94.6	69	94.7	-----	Not Met
3+	Hep B	93.7	73	94.1	-----	Not Met
2	MMR	92.6	70	92.7	94.7	Not Met
2	Varicella	91.9	72	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	88.8	61	84.5	86.0 (±0.9)	(80%) Met
1	MCV	88.0	59	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.4	53	97.4	-----	(95%) Met
2	MMR	98.2	53	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	94.3	44	88.8	78.5 (±1.3)	(90%) Met



Jessamine County

628 Children in Kindergarten

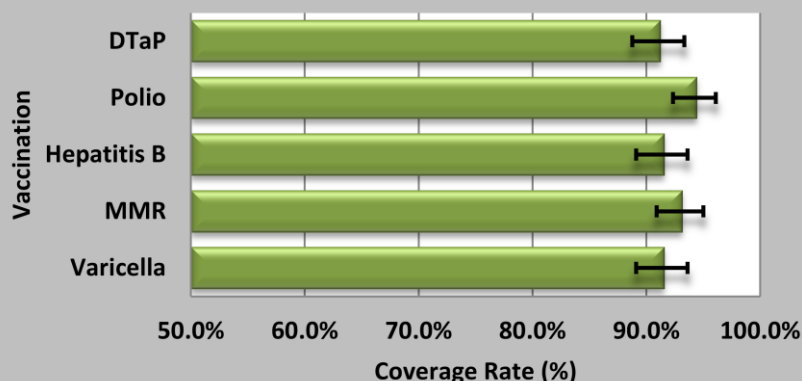
571 Children in Sixth Grade



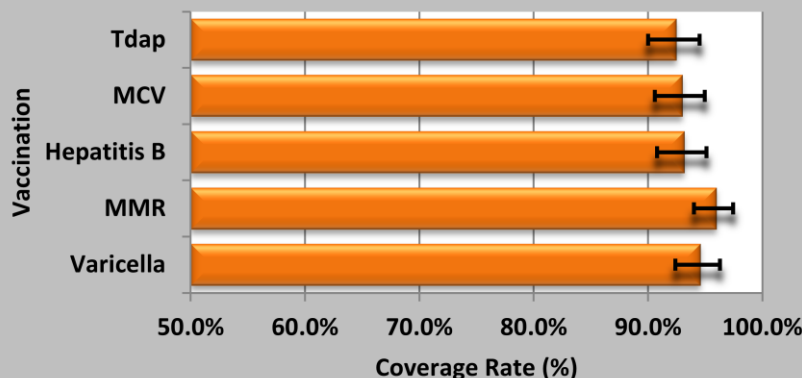
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	96.2%	94.0%
Medical Exemption	0%	0.5%
Religious Exemption	1.9%	1.9%
No Certificate on File	1.9%	3.5%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Jessamine County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.2	91	94.4	95.0	Not Met
3+	Polio	94.4	70	94.7	-----	Not Met
3+	Hep B	91.6	88	94.1	-----	Not Met
2	MMR	93.2	65	92.7	94.7	Not Met
2	Varicella	91.6	74	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	92.5	51	84.5	86.0 (±0.9)	(80%) Met
1	MCV	93.0	40	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	93.2	113	97.4	-----	(95%) Not Met
2	MMR	96.0	99	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	94.6	42	88.8	78.5 (±1.3)	(90%) Met



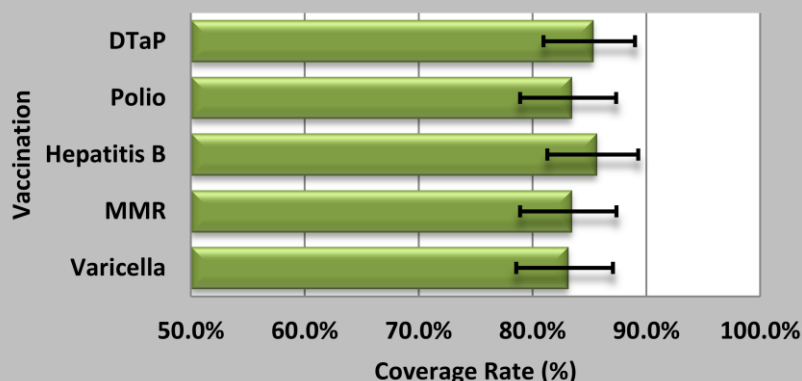
Johnson County

318 Children in Kindergarten

320 Children in Sixth Grade



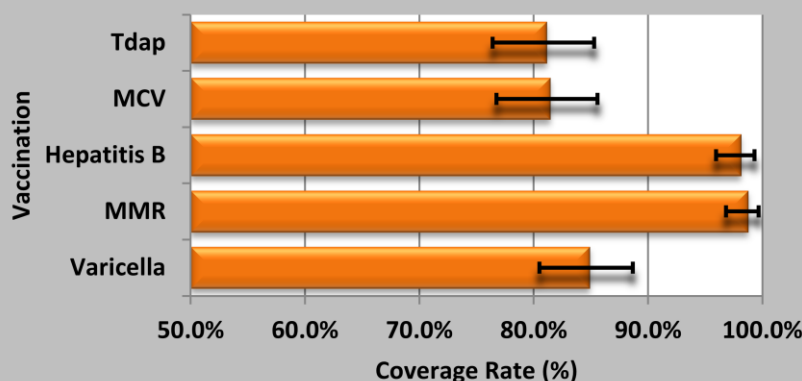
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	86.3%	98.1%
Medical Exemption	0.3%	0%
Religious Exemption	0.3%	0%
No Certificate on File	13.1%	1.9%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Johnson County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	85.3	113	94.4	95.0	Not Met
3+	Polio	83.4	117	94.7	-----	Not Met
3+	Hep B	85.6	115	94.1	-----	Not Met
2	MMR	83.4	110	92.7	94.7	Not Met
2	Varicella	83.1	109	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	81.1	80	84.5	86.0 (±0.9)	(80%) Met
1	MCV	81.4	74	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.1	82	97.4	-----	(95%) Met
2	MMR	98.7	42	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	84.9	85	88.8	78.5 (±1.3)	(90%) Not Met



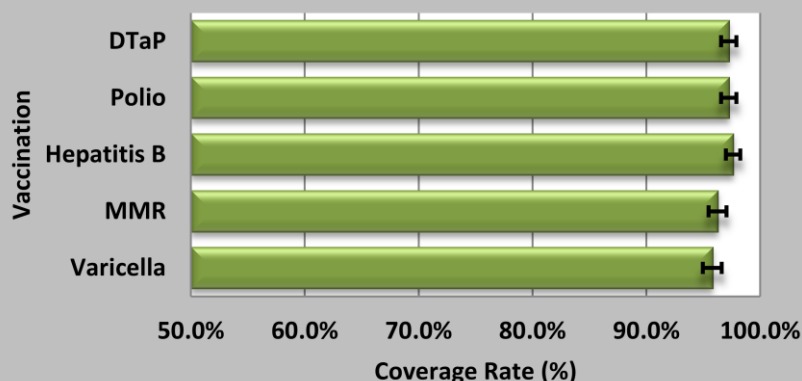
Kenton County

2358 Children in Kindergarten

2148 Children in Sixth Grade



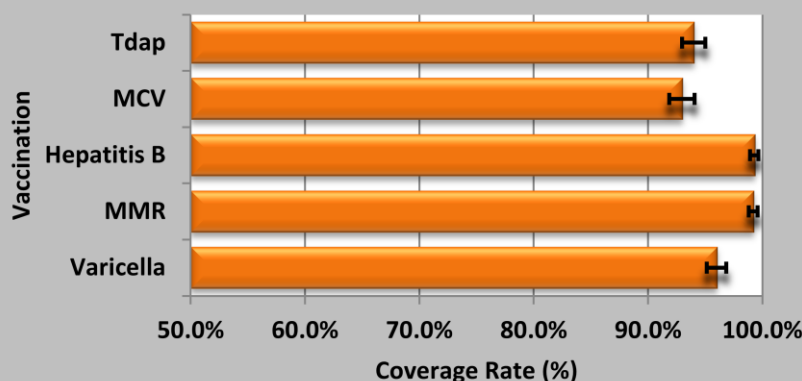
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.1%	97.9%
Medical Exemption	0.2%	0.3%
Religious Exemption	1.0%	0.6%
No Certificate on File	0.6%	1.2%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Kenton County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.3	41	94.4	95.0	Met
3+	Polio	97.3	51	94.7	-----	Met
3+	Hep B	97.7	40	94.1	-----	Met
2	MMR	96.3	40	92.7	94.7	Met
2	Varicella	95.8	41	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	94.0	44	84.5	86.0 (±0.9)	(80%) Met
1	MCV	93.0	39	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.3	27	97.4	-----	(95%) Met
2	MMR	99.3	31	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.0	35	88.8	78.5 (±1.3)	(90%) Met



Knott County

218 Children in Kindergarten

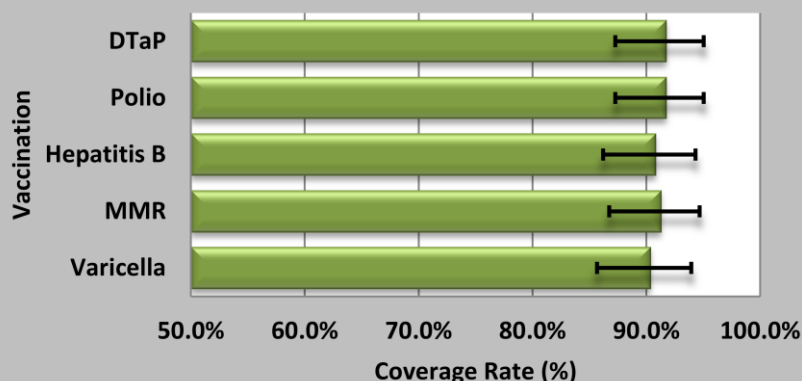
186 Children in Sixth Grade



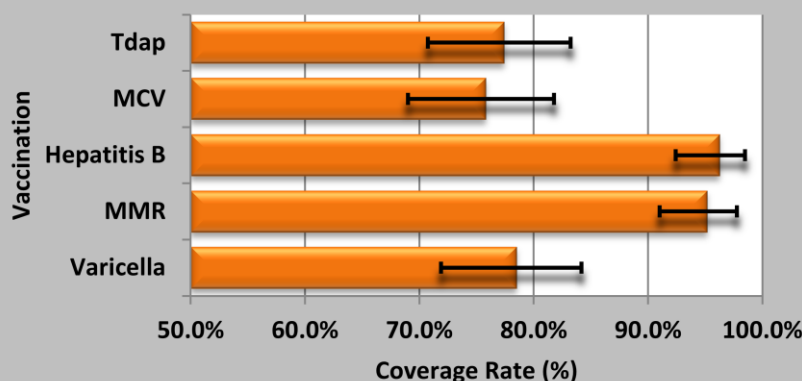
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	91.7%	95.7%
Medical Exemption	0%	1.1%
Religious Exemption	0.9%	0%
No Certificate on File	7.3%	3.2%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Knott County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.7	88	94.4	95.0	Not Met
3+	Polio	91.7	90	94.7	-----	Not Met
3+	Hep B	90.8	92	94.1	-----	Not Met
2	MMR	91.3	81	92.7	94.7	Not Met
2	Varicella	90.4	82	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	77.4	90	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	75.8	88	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	96.2	98	97.4	-----	(95%) Met
2	MMR	95.2	105	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	78.5	97	88.8	78.5 (±1.3)	(90%) Not Met



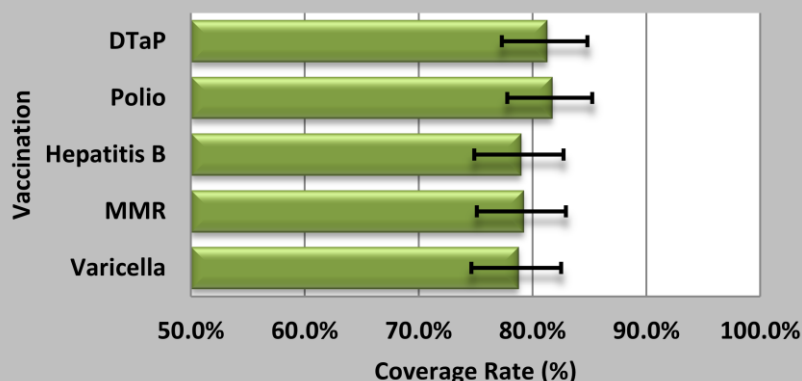
Knox County

438 Children in Kindergarten

399 Children in Sixth Grade



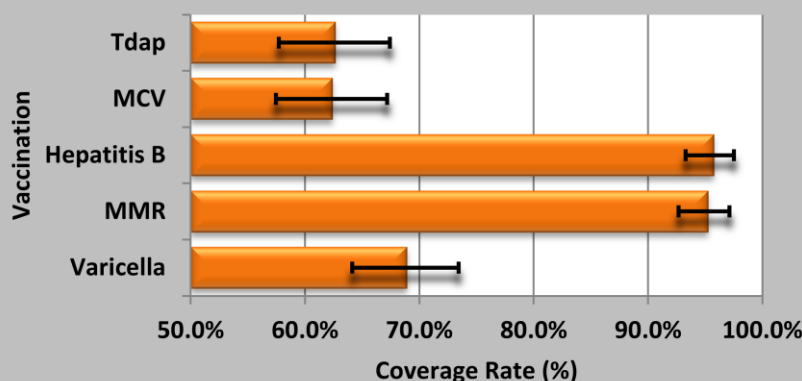
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	82.4%	96.2%
Medical Exemption	0.2%	0.3%
Religious Exemption	0.5%	0.5%
No Certificate on File	16.9%	3.0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Knox County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	81.3	119	94.4	95.0	Not Met
3+	Polio	81.7	119	94.7	-----	Not Met
3+	Hep B	79.0	119	94.1	-----	Not Met
2	MMR	79.2	115	92.7	94.7	Not Met
2	Varicella	78.8	116	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	62.7	105	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	62.4	103	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	95.7	103	97.4	-----	(95%) Met
2	MMR	95.2	104	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	68.9	108	88.8	78.5 (±1.3)	(90%) Not Met



Larue County

171 Children in Kindergarten

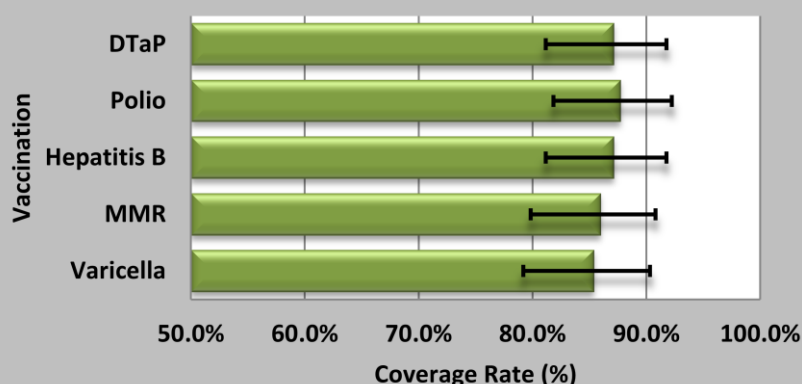
166 Children in Sixth Grade



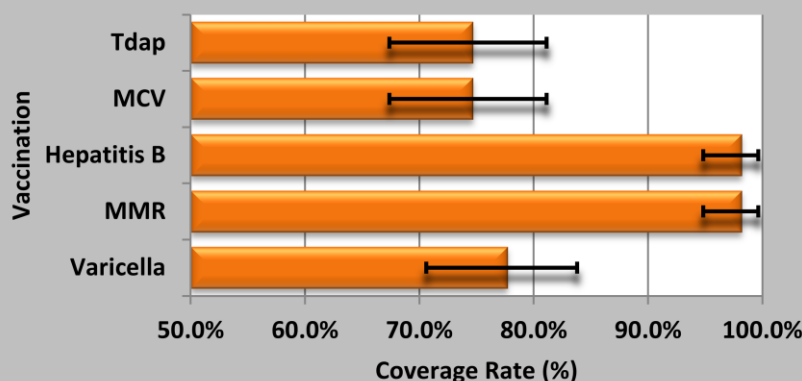
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	90.6%	99.4%
Medical Exemption	0%	0.6%
Religious Exemption	0%	0%
No Certificate on File	9.4%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Larue County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	87.1	108	94.4	95.0	Not Met
3+	Polio	87.7	107	94.7	-----	Not Met
3+	Hep B	87.1	109	94.1	-----	Not Met
2	MMR	86.0	100	92.7	94.7	Not Met
2	Varicella	85.4	101	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	74.7	93	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	74.7	91	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.2	70	97.4	-----	(95%) Met
2	MMR	98.2	64	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	77.7	99	88.8	78.5 (±1.3)	(90%) Not Met



Laurel County

814 Children in Kindergarten

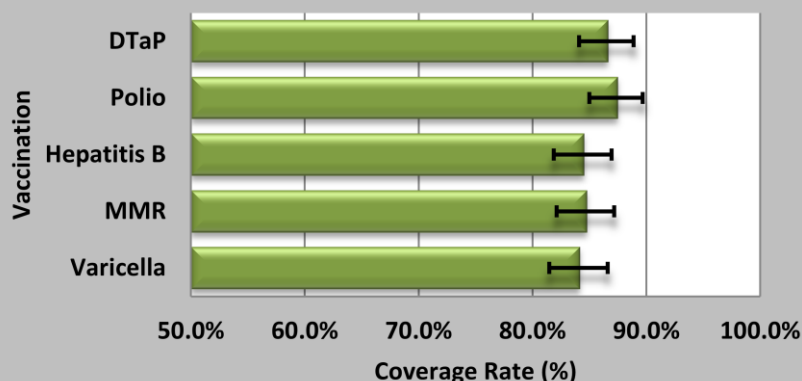
797 Children in Sixth Grade



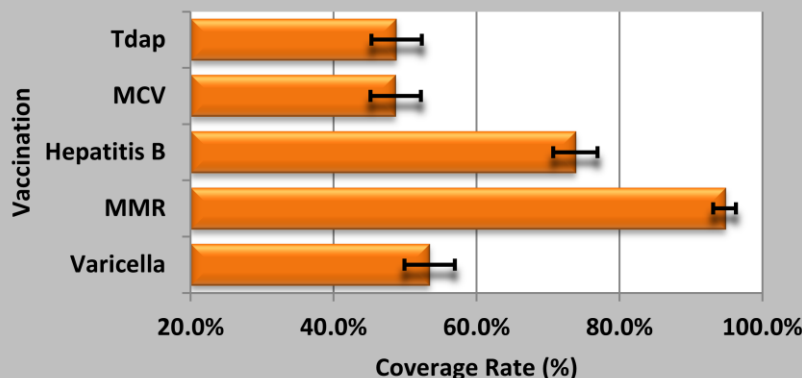
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	87.3%	95.2%
Medical Exemption	0.2%	0.3%
Religious Exemption	0.2%	0.8%
No Certificate on File	12.2%	3.8%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Laurel County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	86.6	111	94.4	95.0	Not Met
3+	Polio	87.5	109	94.7	-----	Not Met
3+	Hep B	84.5	117	94.1	-----	Not Met
2	MMR	84.8	107	92.7	94.7	Not Met
2	Varicella	84.2	108	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	48.8	116	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	48.7	116	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	73.9	120	97.4	-----	(95%) Not Met
2	MMR	94.9	107	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	53.5	118	88.8	78.5 (±1.3)	(90%) Not Met



Lawrence County

249 Children in Kindergarten

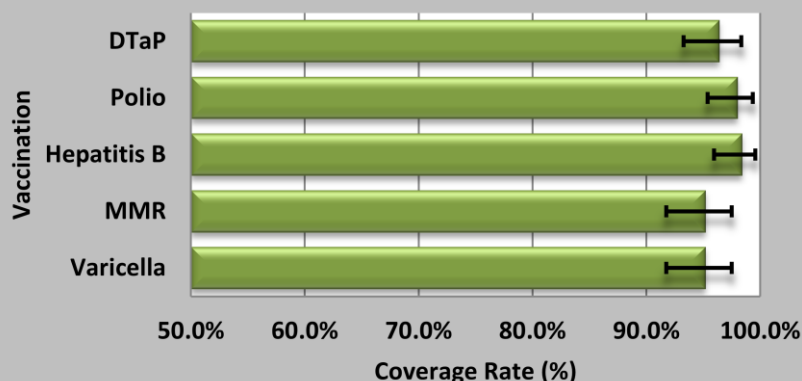
187 Children in Sixth Grade



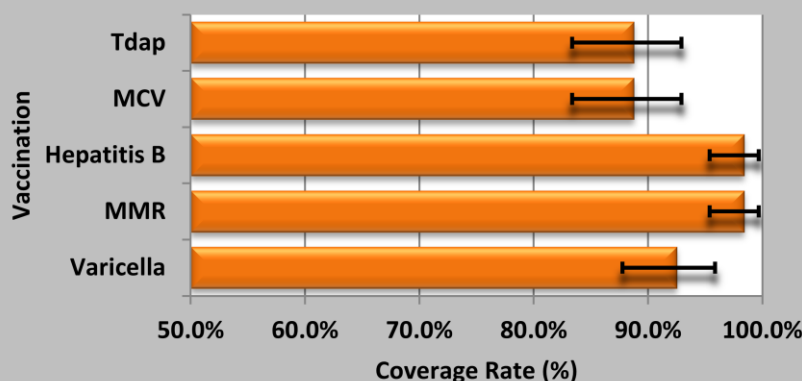
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.4%	98.4%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	1.6%	1.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Lawrence County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.4	54	94.4	95.0	Met
3+	Polio	98.0	38	94.7	-----	Met
3+	Hep B	98.4	26	94.1	-----	Met
2	MMR	95.2	54	92.7	94.7	Met
2	Varicella	95.2	47	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	88.8	60	84.5	86.0 (±0.9)	(80%) Met
1	MCV	88.8	55	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.4	61	97.4	-----	(95%) Met
2	MMR	98.4	54	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	92.5	56	88.8	78.5 (±1.3)	(90%) Met



Lee County

86 Children in Kindergarten

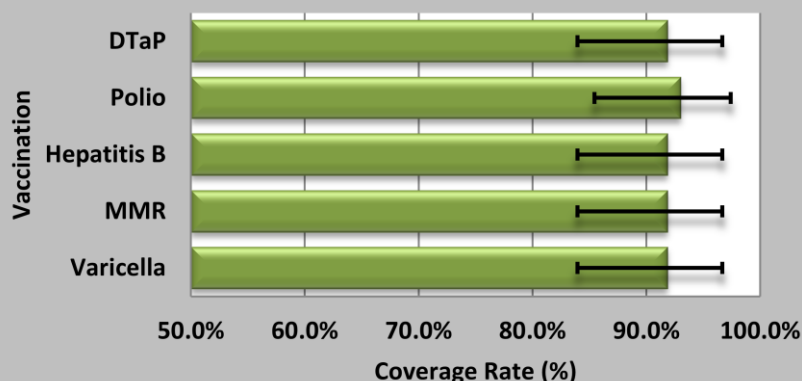
89 Children in Sixth Grade



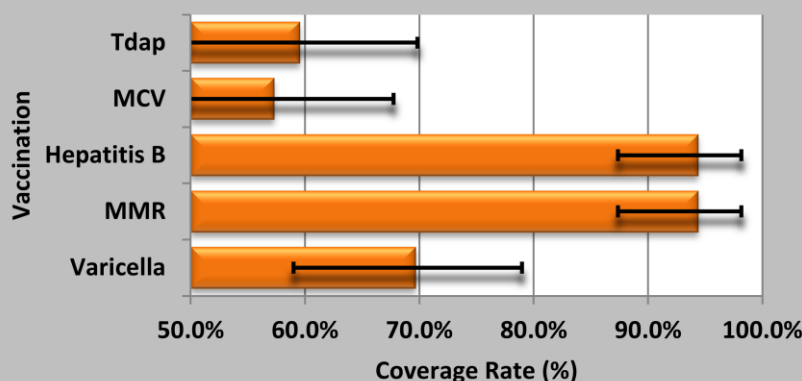
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.2%	94.4%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	5.8%	5.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Lee County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.9	86	94.4	95.0	Not Met
3+	Polio	93.0	80	94.7	-----	Not Met
3+	Hep B	91.9	85	94.1	-----	Not Met
2	MMR	91.9	77	92.7	94.7	Not Met
2	Varicella	91.9	73	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	89.6	109	84.5	86.0 (±0.9)	(80%) Met
1	MCV	87.3	109	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	94.4	109	97.4	-----	(95%) Not Met
2	MMR	94.4	109	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	69.7	107	88.8	78.5 (±1.3)	(90%) Not Met



Leslie County

148 Children in Kindergarten

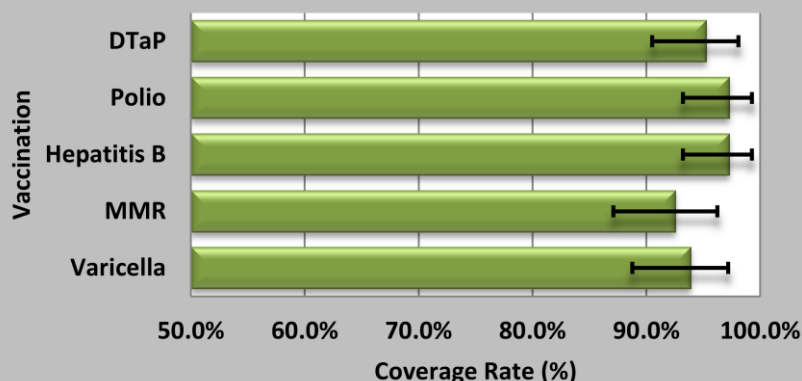
166 Children in Sixth Grade



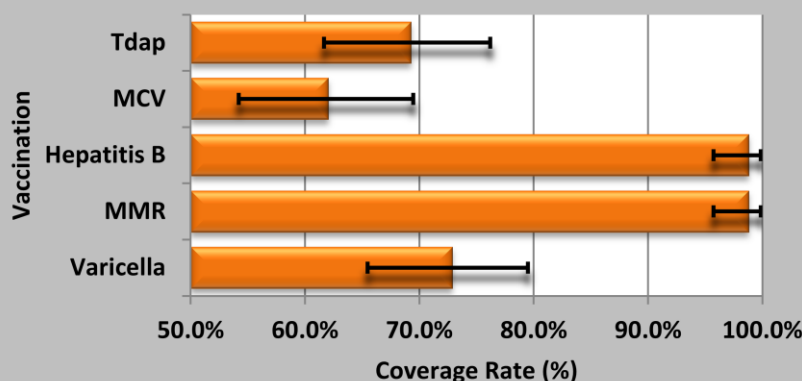
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.0%	98.2%
Medical Exemption	0%	0.6%
Religious Exemption	0%	0%
No Certificate on File	2.0%	1.2%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Leslie County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	95.3	65	94.4	95.0	Met
3+	Polio	97.3	49	94.7	-----	Met
3+	Hep B	97.3	41	94.1	-----	Met
2	MMR	92.6	71	92.7	94.7	Not Met
2	Varicella	93.9	61	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	69.3	100	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	62.0	105	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.8	45	97.4	-----	(95%) Met
2	MMR	98.8	38	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	72.9	104	88.8	78.5 (±1.3)	(90%) Not Met



Letcher County

296 Children in Kindergarten

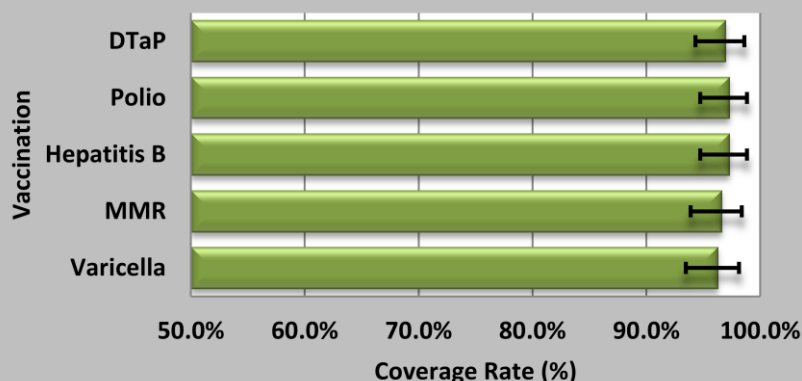
255 Children in Sixth Grade



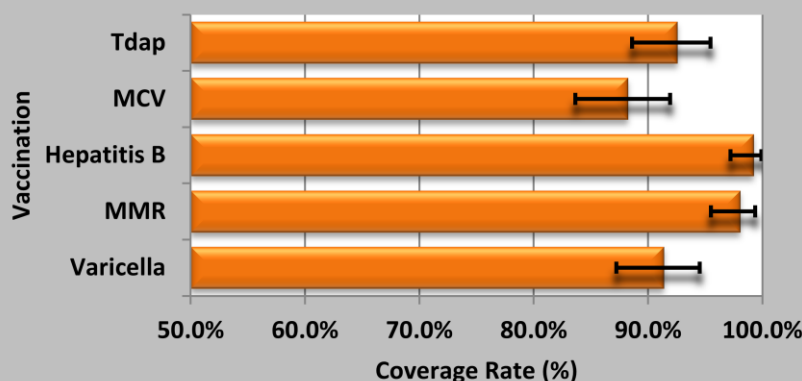
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	96.6%	97.6%
Medical Exemption	1.0%	1.6%
Religious Exemption	0.3%	0%
No Certificate on File	2.0%	0.8%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Letcher County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.0	45	94.4	95.0	Met
3+	Polio	97.3	49	94.7	-----	Met
3+	Hep B	97.3	41	94.1	-----	Met
2	MMR	96.6	36	92.7	94.7	Met
2	Varicella	96.3	39	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	92.5	50	84.5	86.0 (±0.9)	(80%) Met
1	MCV	88.2	57	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.2	31	97.4	-----	(95%) Met
2	MMR	98.0	70	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	91.4	60	88.8	78.5 (±1.3)	(90%) Met



Lewis County

191 Children in Kindergarten

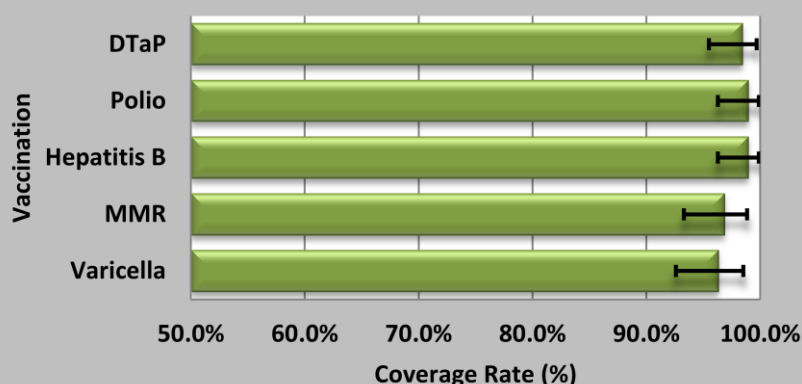
144 Children in Sixth Grade



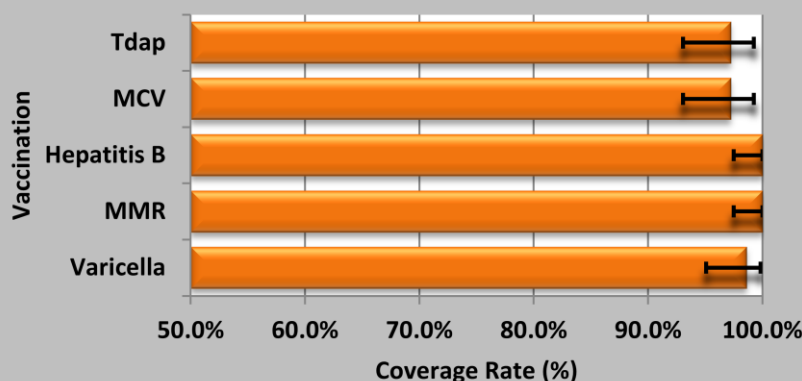
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.0%	100%
Medical Exemption	0%	0%
Religious Exemption	0.5%	0%
No Certificate on File	0.5%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Lewis County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.4	24	94.4	95.0	Met
3+	Polio	99.0	20	94.7	-----	Met
3+	Hep B	99.0	18	94.1	-----	Met
2	MMR	96.9	33	92.7	94.7	Met
2	Varicella	96.3	38	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.2	18	84.5	86.0 (±0.9)	(80%) Met
1	MCV	97.2	17	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.6	12	88.8	78.5 (±1.3)	(90%) Met



Lincoln County

312 Children in Kindergarten

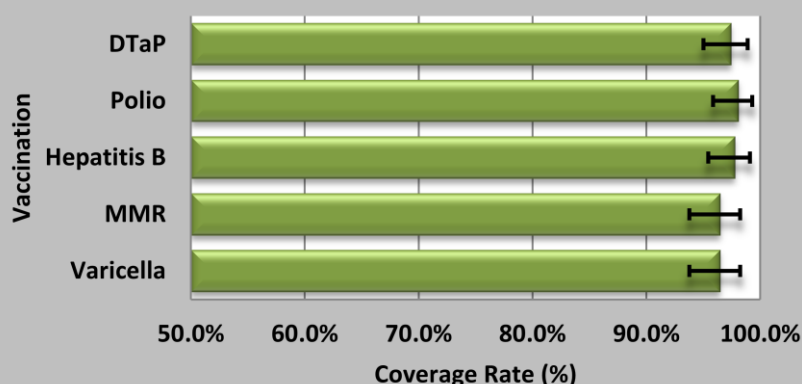
284 Children in Sixth Grade



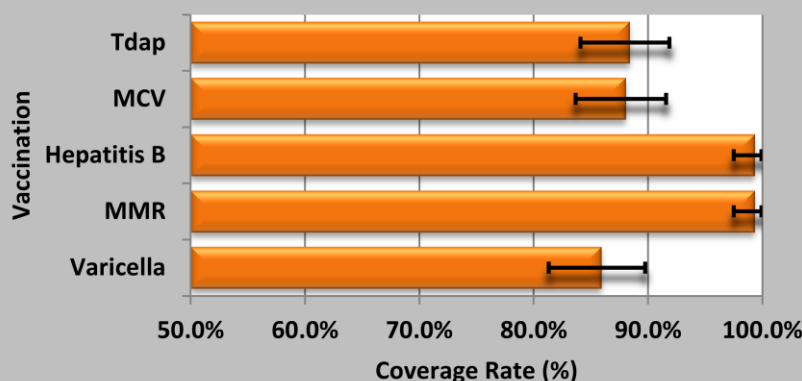
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.1%	99.3%
Medical Exemption	1.0%	0%
Religious Exemption	0.6%	0.7%
No Certificate on File	0.3%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Lincoln County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.4	37	94.4	95.0	Met
3+	Polio	98.1	36	94.7	-----	Met
3+	Hep B	97.8	39	94.1	-----	Met
2	MMR	96.5	39	92.7	94.7	Met
2	Varicella	96.5	37	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	88.4	63	84.5	86.0 (±0.9)	(80%) Met
1	MCV	88.0	60	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.3	28	97.4	-----	(95%) Met
2	MMR	99.3	29	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	85.9	80	88.8	78.5 (±1.3)	(90%) Not Met



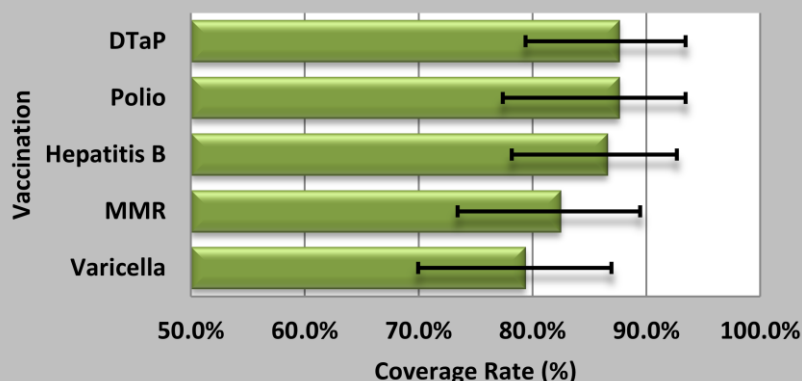
Livingston County

97 Children in Kindergarten

85 Children in Sixth Grade



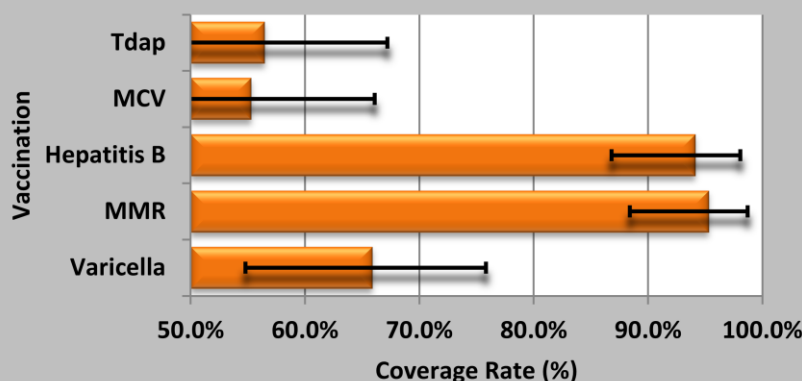
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	87.6%	96.5%
Medical Exemption	0%	0%
Religious Exemption	0%	1.2%
No Certificate on File	12.4%	2.4%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Livingston County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	87.6	107	94.4	95.0	Not Met
3+	Polio	87.6	108	94.7	-----	Not Met
3+	Hep B	86.6	111	94.1	-----	Not Met
2	MMR	82.5	111	92.7	94.7	Not Met
2	Varicella	79.4	114	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	56.5	111	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	55.3	111	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	94.1	110	97.4	-----	(95%) Not Met
2	MMR	95.3	103	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	65.9	113	88.8	78.5 (±1.3)	(90%) Not Met



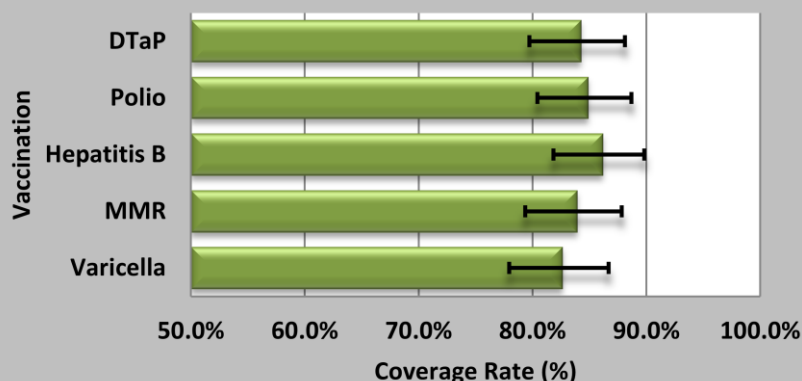
Logan County

311 Children in Kindergarten

316 Children in Sixth Grade



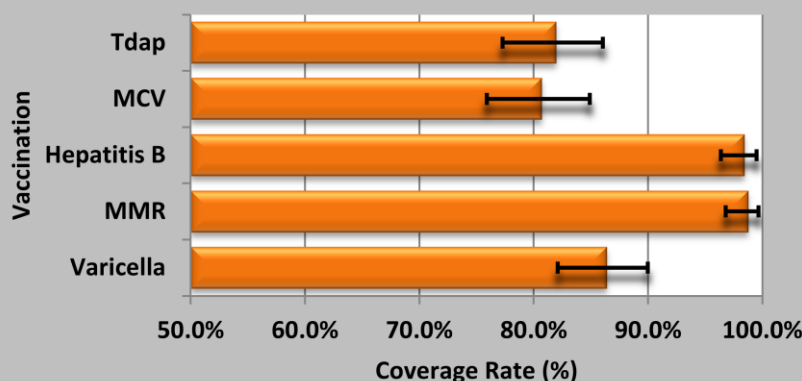
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	87.1%	95.6%
Medical Exemption	0.3%	1.3%
Religious Exemption	1.0%	0%
No Certificate on File	11.6%	3.2%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Logan County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	84.2	117	94.4	95.0	Not Met
3+	Polio	84.9	116	94.7	-----	Not Met
3+	Hep B	86.2	114	94.1	-----	Not Met
2	MMR	83.9	109	92.7	94.7	Not Met
2	Varicella	82.6	110	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	82.0	77	84.5	86.0 (±0.9)	(80%) Met
1	MCV	80.7	75	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.4	58	97.4	-----	(95%) Met
2	MMR	98.7	43	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	86.4	78	88.8	78.5 (±1.3)	(90%) Not Met



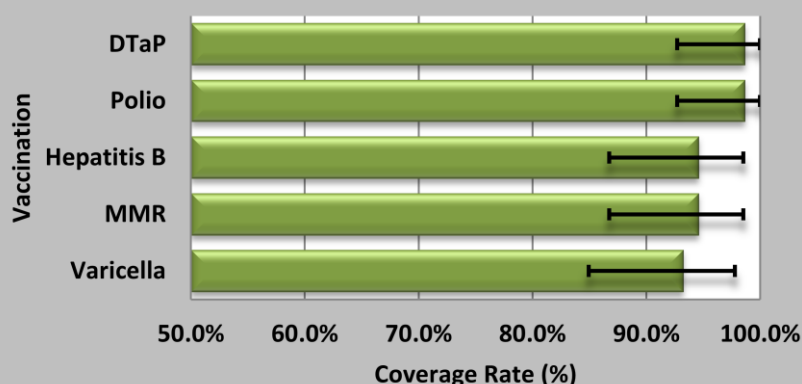
Lyon County

74 Children in Kindergarten

65 Children in Sixth Grade



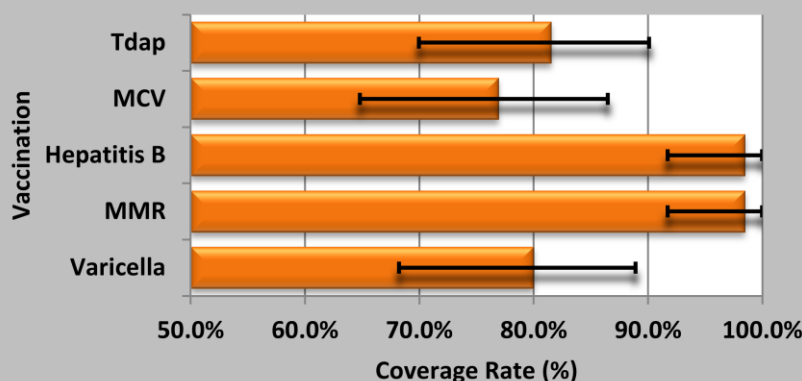
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.6%	98.5%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	1.4%	1.5%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Lyon County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.6	18	94.4	95.0	Met
3+	Polio	98.6	28	94.7	-----	Met
3+	Hep B	94.6	63	94.1	-----	Not Met
2	MMR	94.6	58	92.7	94.7	Not Met
2	Varicella	93.2	65	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	81.5	78	84.5	86.0 (±0.9)	(80%) Met
1	MCV	76.9	83	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.5	56	97.4	-----	(95%) Met
2	MMR	98.5	51	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	80.0	94	88.8	78.5 (±1.3)	(90%) Not Met



Madison County

1053 Children in Kindergarten

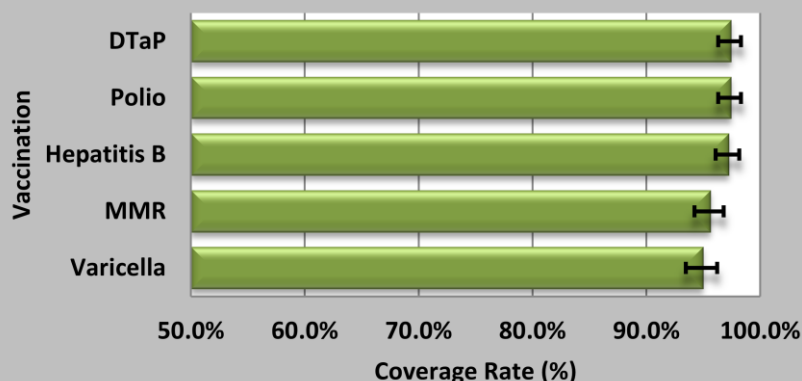
944 Children in Sixth Grade



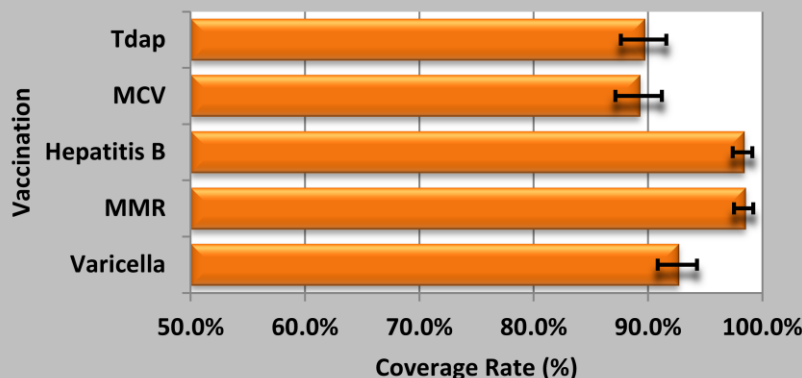
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.2%	97.2%
Medical Exemption	0.1%	0.8%
Religious Exemption	0.8%	1.3%
No Certificate on File	0.9%	0.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Madison County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.4	37	94.4	95.0	Met
3+	Polio	97.4	45	94.7	-----	Met
3+	Hep B	97.2	43	94.1	-----	Met
2	MMR	95.6	45	92.7	94.7	Met
2	Varicella	95.0	48	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	89.7	59	84.5	86.0 (±0.9)	(80%) Met
1	MCV	89.3	54	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.4	60	97.4	-----	(95%) Met
2	MMR	98.5	50	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	92.7	54	88.8	78.5 (±1.3)	(90%) Met



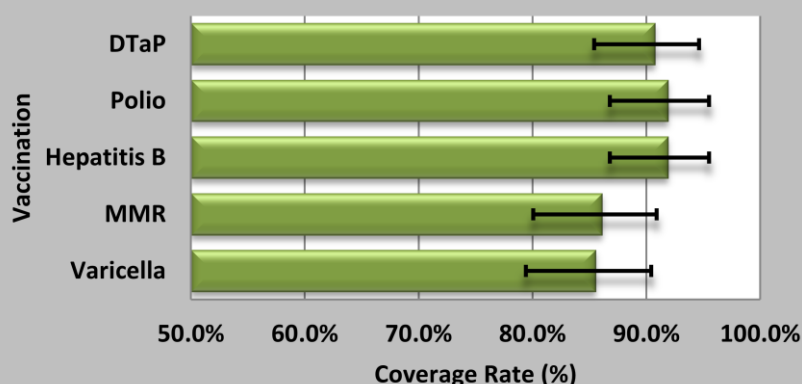
Magoffin County

173 Children in Kindergarten

156 Children in Sixth Grade



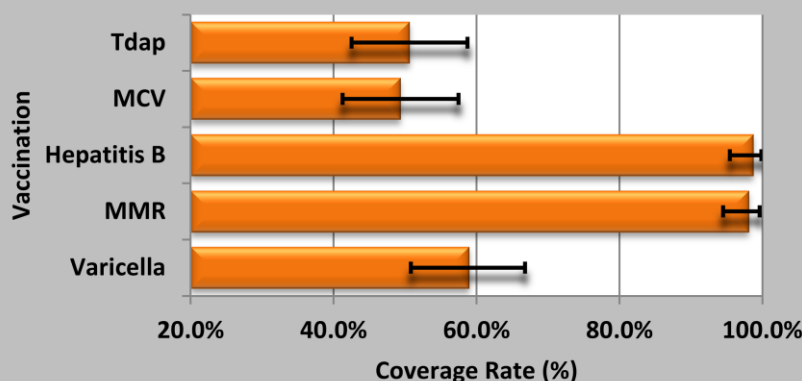
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	90.2%	98.1%
Medical Exemption	0.6%	0%
Religious Exemption	0.6%	0%
No Certificate on File	8.7%	1.9%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Magoffin County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	90.8	94	94.4	95.0	Not Met
3+	Polio	91.9	89	94.7	-----	Not Met
3+	Hep B	91.9	84	94.1	-----	Not Met
2	MMR	86.1	97	92.7	94.7	Not Met
2	Varicella	85.5	100	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	50.6	115	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	49.4	115	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.7	50	97.4	-----	(95%) Met
2	MMR	98.1	67	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	59.0	116	88.8	78.5 (±1.3)	(90%) Not Met



Marion County

285 Children in Kindergarten

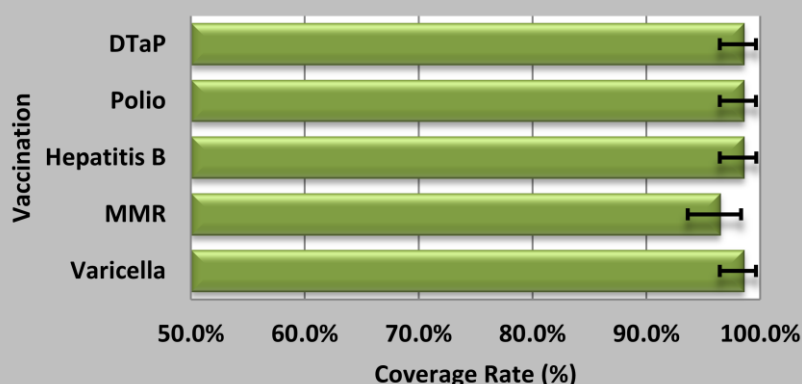
251 Children in Sixth Grade



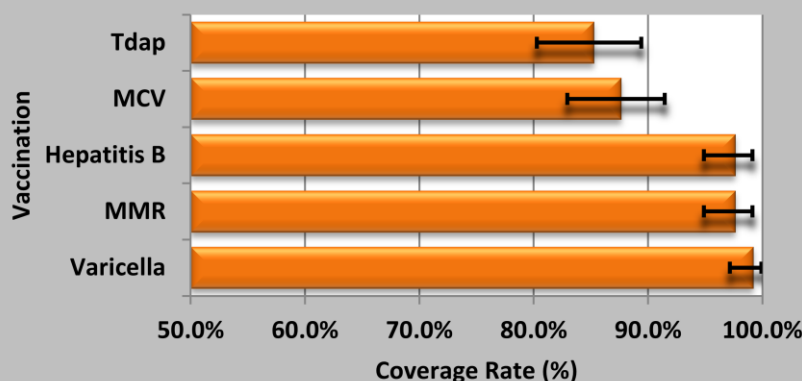
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.2%	98.4%
Medical Exemption	0.4%	0%
Religious Exemption	1.4%	0.4%
No Certificate on File	0%	1.2%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Marion County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.6	19	94.4	95.0	Met
3+	Polio	98.6	29	94.7	-----	Met
3+	Hep B	98.6	23	94.1	-----	Met
2	MMR	96.5	38	92.7	94.7	Met
2	Varicella	98.6	13	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	85.3	67	84.5	86.0 (±0.9)	(80%) Met
1	MCV	87.6	61	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	97.6	77	97.4	-----	(95%) Met
2	MMR	97.6	74	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	99.2	8	88.8	78.5 (±1.3)	(90%) Met



Marshall County

407 Children in Kindergarten

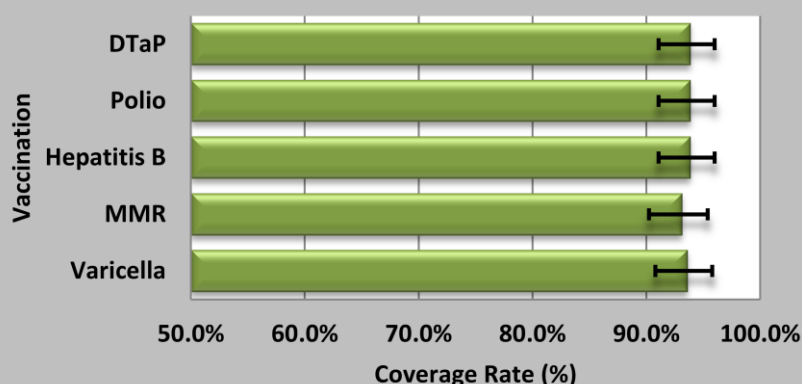
388 Children in Sixth Grade



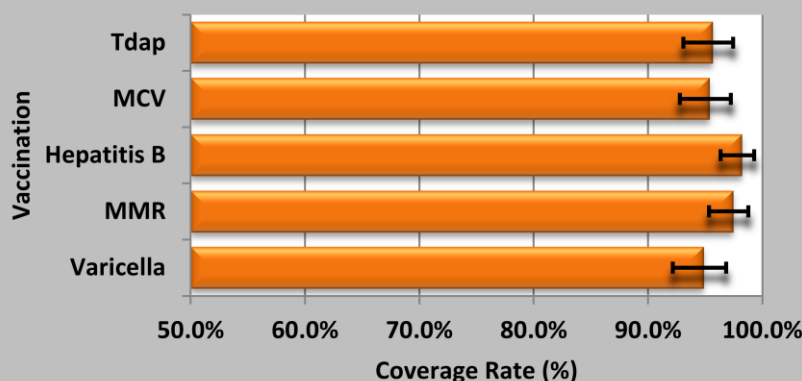
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	92.1%	96.6%
Medical Exemption	0.2%	0.5%
Religious Exemption	0.5%	0.3%
No Certificate on File	7.1%	2.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Marshall County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	93.9	19	94.4	95.0	Not Met
3+	Polio	93.9	29	94.7	-----	Not Met
3+	Hep B	93.9	23	94.1	-----	Not Met
2	MMR	93.1	38	92.7	94.7	Not Met
2	Varicella	93.6	13	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	95.6	35	84.5	86.0 (±0.9)	(80%) Met
1	MCV	95.4	30	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.2	69	97.4	-----	(95%) Met
2	MMR	97.4	77	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	94.8	41	88.8	78.5 (±1.3)	(90%) Met



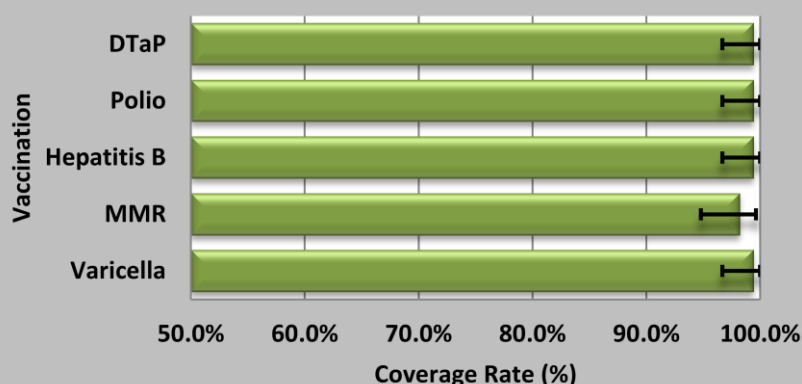
Martin County

165 Children in Kindergarten

158 Children in Sixth Grade



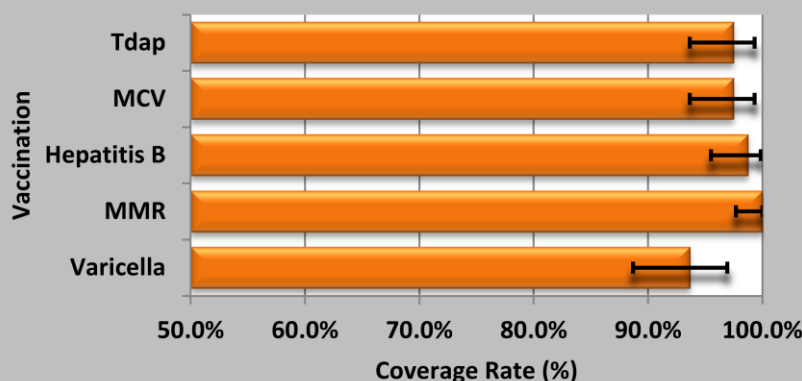
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.2%	93.7%
Medical Exemption	1.2%	2.5%
Religious Exemption	0%	0%
No Certificate on File	0.6%	3.8%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Martin County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.4	8	94.4	95.0	Met
3+	Polio	99.4	11	94.7	-----	Met
3+	Hep B	99.4	9	94.1	-----	Met
2	MMR	98.2	16	92.7	94.7	Met
2	Varicella	99.4	7	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.5	17	84.5	86.0 (±0.9)	(80%) Met
1	MCV	97.5	16	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.7	49	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	93.7	48	88.8	78.5 (±1.3)	(90%) Met



Mason County

219 Children in Kindergarten

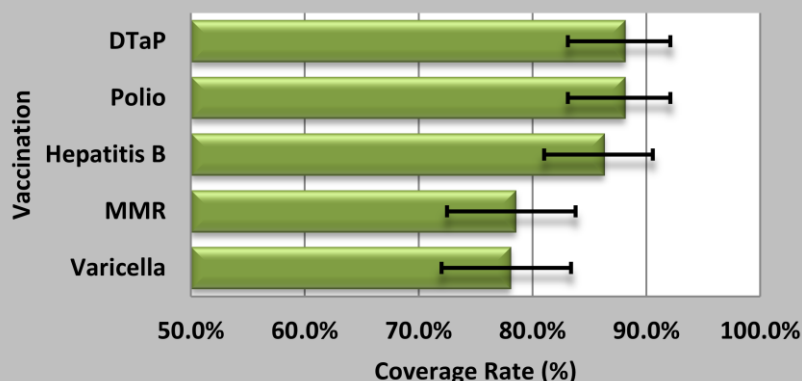
202 Children in Sixth Grade



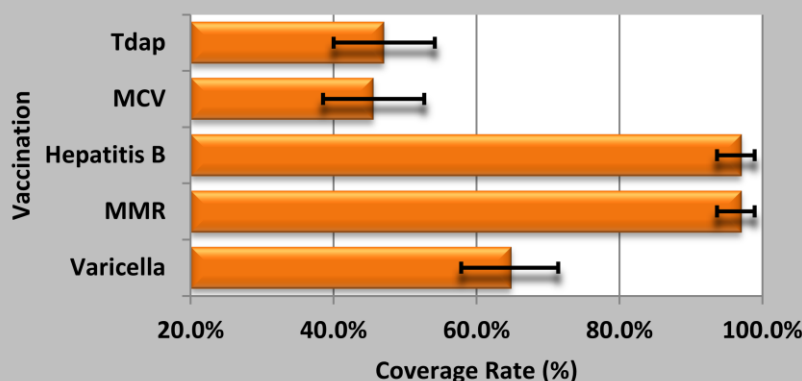
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	88.1%	97.0%
Medical Exemption	0%	0.5%
Religious Exemption	0%	0%
No Certificate on File	11.9%	2.5%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Mason County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	88.1	105	94.4	95.0	Not Met
3+	Polio	88.1	106	94.7	-----	Not Met
3+	Hep B	86.3	113	94.1	-----	Not Met
2	MMR	78.5	117	92.7	94.7	Not Met
2	Varicella	78.1	118	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	47.0	117	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	45.5	117	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.0	90	97.4	-----	(95%) Met
2	MMR	97.0	82	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	64.9	115	88.8	78.5 (±1.3)	(90%) Not Met



McCracken County

672 Children in Kindergarten

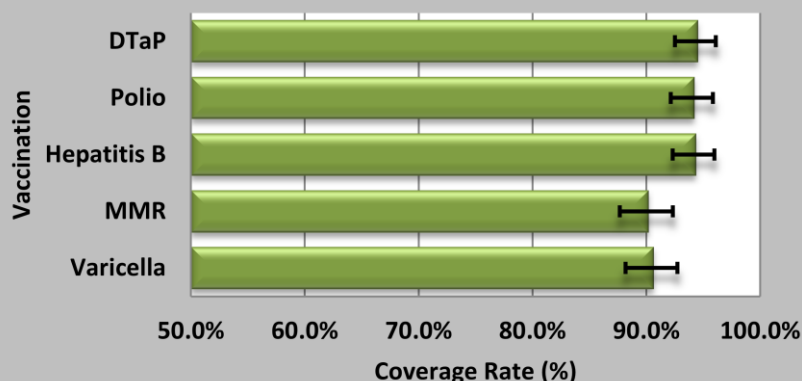
755 Children in Sixth Grade



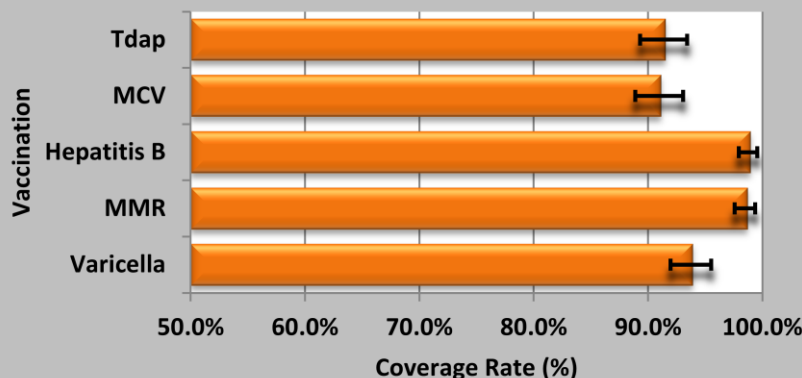
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.5%	98.4%
Medical Exemption	0%	0.3%
Religious Exemption	1.0%	1.2%
No Certificate on File	3.4%	0.1%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		McCracken County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.5	69	94.4	95.0	Not Met
3+	Polio	94.2	72	94.7	-----	Not Met
3+	Hep B	94.3	67	94.1	-----	Not Met
2	MMR	90.2	87	92.7	94.7	Not Met
2	Varicella	90.6	81	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	91.5	53	84.5	86.0 (±0.9)	(80%) Met
1	MCV	91.1	47	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.9	41	97.4	-----	(95%) Met
2	MMR	98.7	47	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	93.9	47	88.8	78.5 (±1.3)	(90%) Met



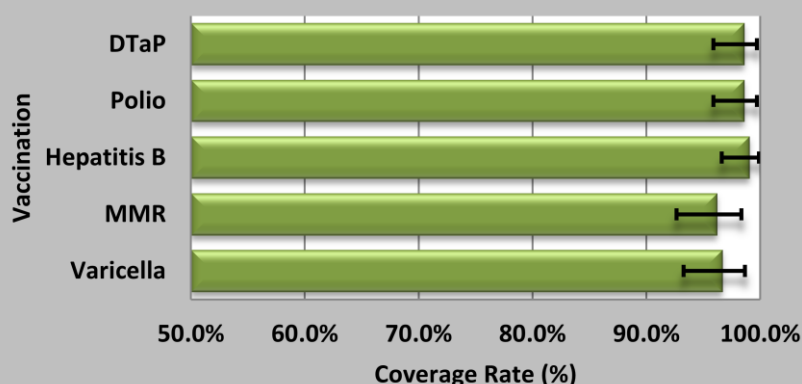
McCreary County

210 Children in Kindergarten

209 Children in Sixth Grade



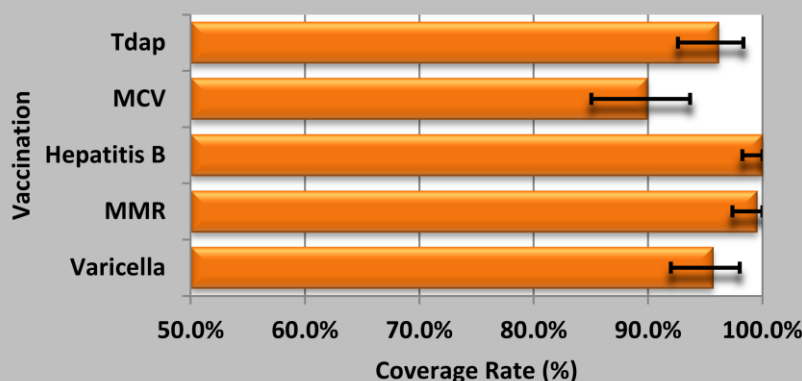
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.0%	99.5%
Medical Exemption	0%	0%
Religious Exemption	0.5%	0.5%
No Certificate on File	0.5%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		McCreary County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.6	21	94.4	95.0	Met
3+	Polio	98.6	30	94.7	-----	Met
3+	Hep B	99.0	15	94.1	-----	Met
2	MMR	96.2	42	92.7	94.7	Met
2	Varicella	96.7	36	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.2	31	84.5	86.0 (±0.9)	(80%) Met
1	MCV	90.0	51	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	99.5	24	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	95.7	38	88.8	78.5 (±1.3)	(90%) Met



McLean County

119 Children in Kindergarten

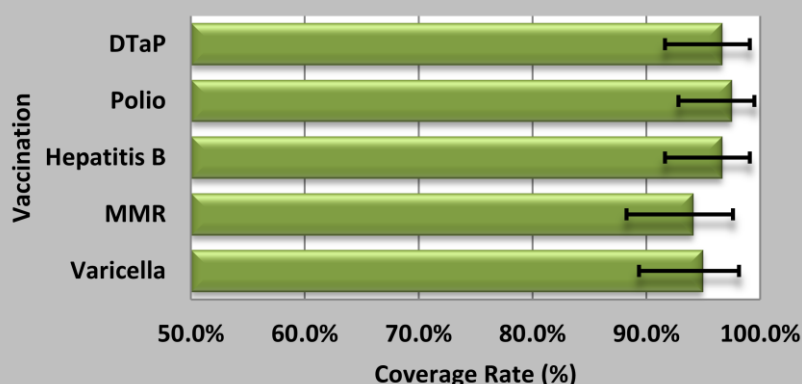
119 Children in Sixth Grade



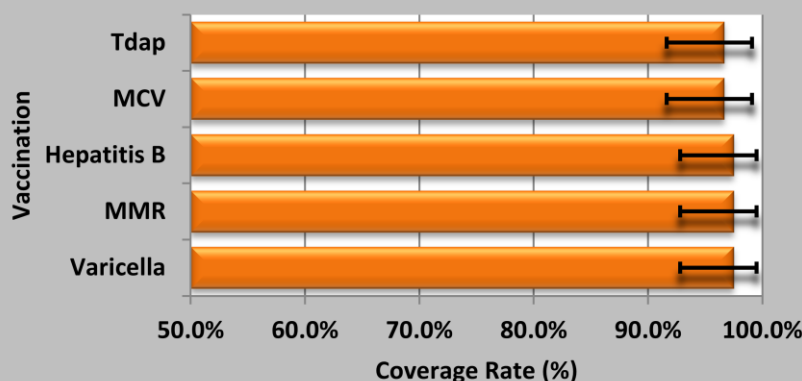
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.5%	96.6%
Medical Exemption	0%	0%
Religious Exemption	2.5%	3.4%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		McLean County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.6	50	94.4	95.0	Met
3+	Polio	97.5	44	94.7	-----	Met
3+	Hep B	96.6	52	94.1	-----	Met
2	MMR	94.1	61	92.7	94.7	Not Met
2	Varicella	95.0	49	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.6	26	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.6	20	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	97.5	83	97.4	-----	(95%) Met
2	MMR	97.5	76	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.5	21	88.8	78.5 (±1.3)	(90%) Met



Meade County

350 Children in Kindergarten

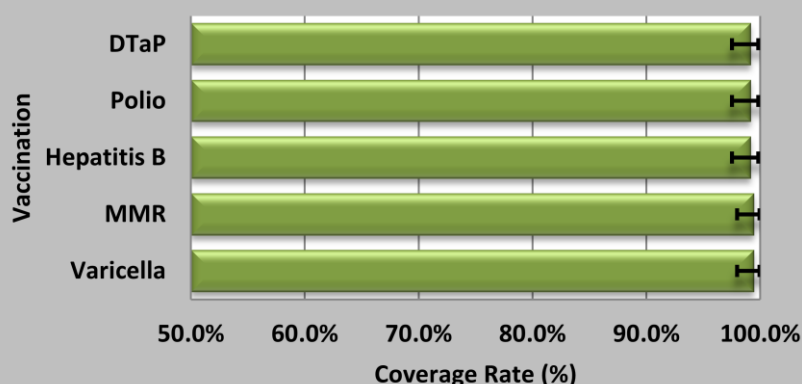
369 Children in Sixth Grade



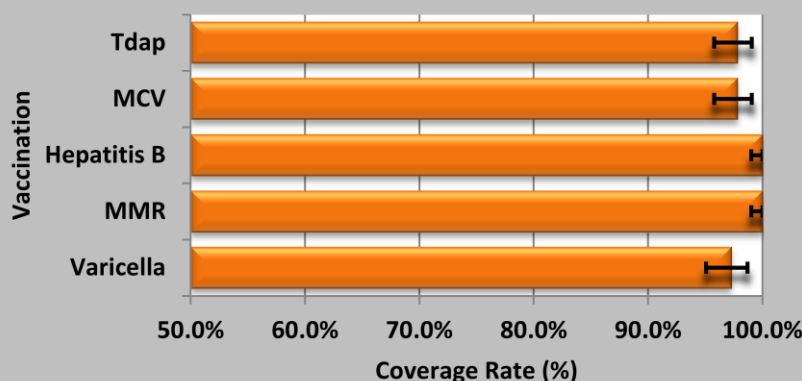
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.4%	99.2%
Medical Exemption	0%	0.5%
Religious Exemption	0.6%	0.3%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Meade County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.1	11	94.4	95.0	Met
3+	Polio	99.1	15	94.7	-----	Met
3+	Hep B	99.1	14	94.1	-----	Met
2	MMR	99.4	5	92.7	94.7	Met
2	Varicella	99.4	6	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.8	15	84.5	86.0 (±0.9)	(80%) Met
1	MCV	97.8	12	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.3	24	88.8	78.5 (±1.3)	(90%) Met



Meniffee County

81 Children in Kindergarten

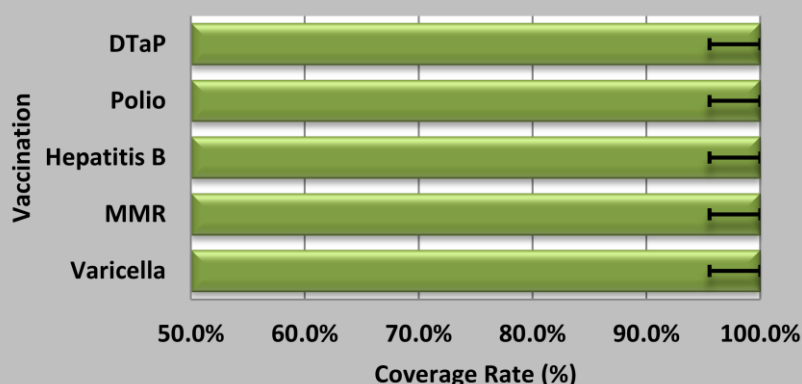
89 Children in Sixth Grade



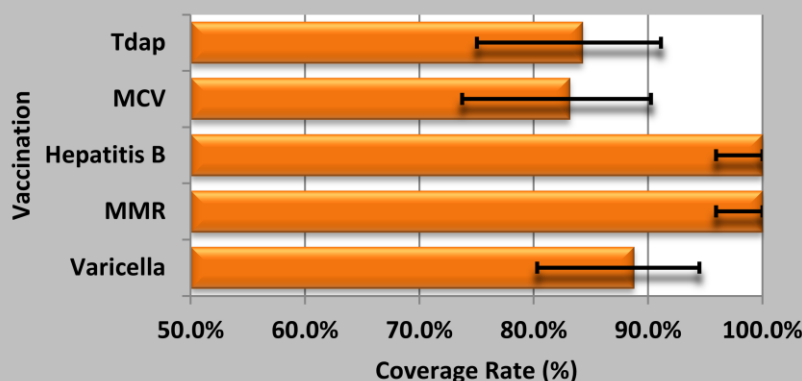
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	100%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Meniffee County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	100	1	94.4	95.0	Met
3+	Polio	100	1	94.7	-----	Met
3+	Hep B	100	1	94.1	-----	Met
2	MMR	100	1	92.7	94.7	Met
2	Varicella	100	1	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	84.3	69	84.5	86.0 (±0.9)	(80%) Met
1	MCV	83.1	69	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	88.8	67	88.8	78.5 (±1.3)	(90%) Not Met



Mercer County

275 Children in Kindergarten

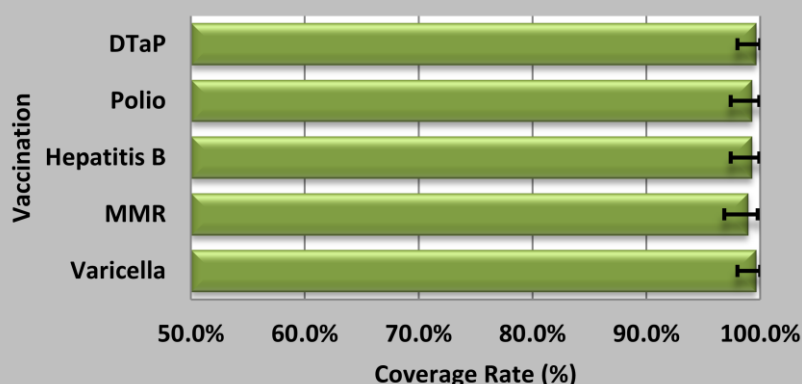
252 Children in Sixth Grade



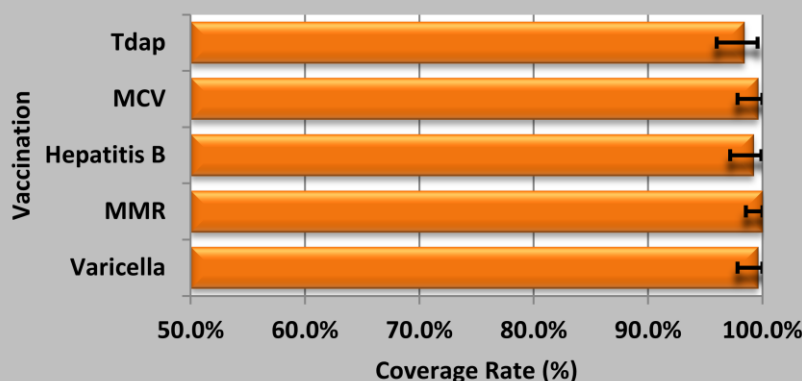
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.3%	99.3%
Medical Exemption	0%	0%
Religious Exemption	0.4%	0.4%
No Certificate on File	0.4%	0.4%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Mercer County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.6	5	94.4	95.0	Met
3+	Polio	99.3	12	94.7	-----	Met
3+	Hep B	99.3	11	94.1	-----	Met
2	MMR	98.9	10	92.7	94.7	Met
2	Varicella	99.6	4	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	99.6	11	84.5	86.0 (±0.9)	(80%) Met
1	MCV	99.3	4	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.3	32	97.4	-----	(95%) Met
2	MMR	98.9	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	99.6	7	88.8	78.5 (±1.3)	(90%) Met



Metcalfe County

135 Children in Kindergarten

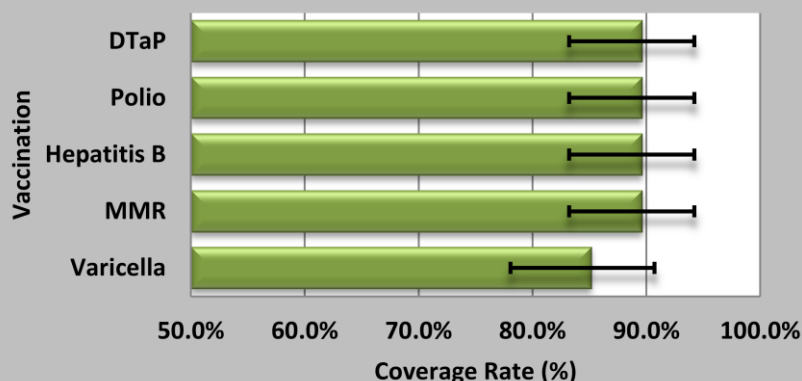
115 Children in Sixth Grade



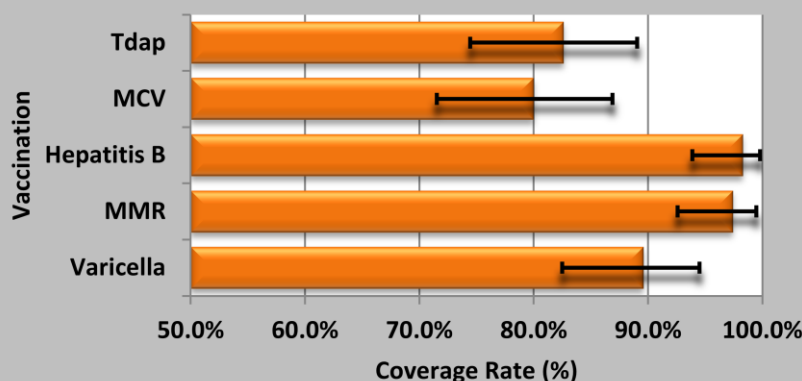
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	89.6%	100%
Medical Exemption	0%	0%
Religious Exemption	0.7%	0%
No Certificate on File	9.6%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Metcalfe County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	89.6	96	94.4	95.0	Not Met
3+	Polio	89.6	97	94.7	-----	Not Met
3+	Hep B	89.6	98	94.1	-----	Not Met
2	MMR	89.6	89	92.7	94.7	Not Met
2	Varicella	85.2	103	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	82.6		84.5	86.0 (±0.9)	(80%) Met
1	MCV	80.0		83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.3		97.4	-----	(95%) Met
2	MMR	97.4		97.7	91.8 (±0.8)	(95%) Met
2	Varicella	89.6		88.8	78.5 (±1.3)	(90%) Not Met



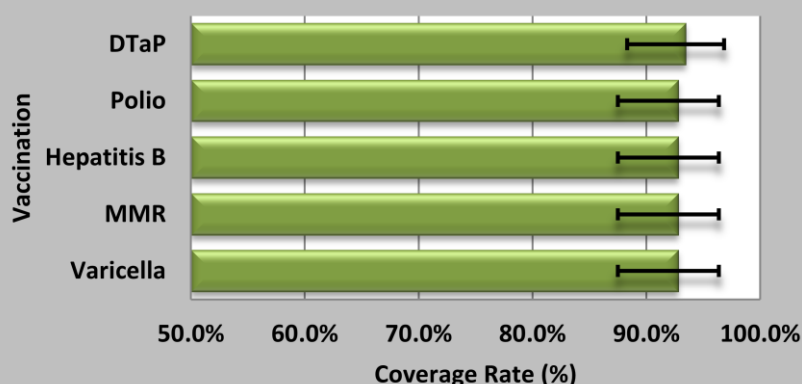
Monroe County

153 Children in Kindergarten

132 Children in Sixth Grade



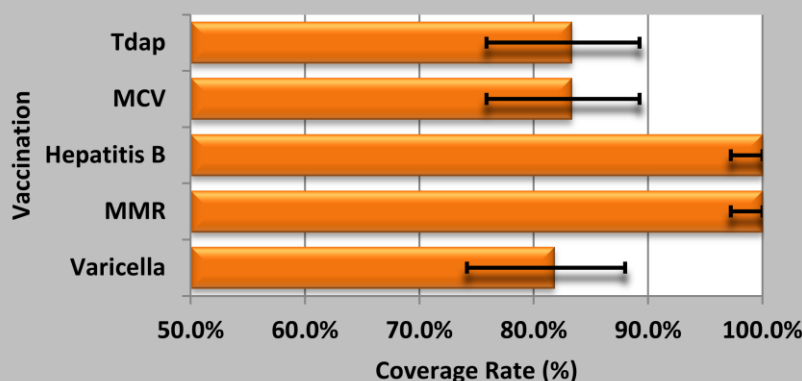
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	93.5%	99.2%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	6.5%	0.8%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Monroe County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal ^{**}
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	93.5	79	94.4	95.0	Not Met
3+	Polio	92.8	82	94.7	-----	Not Met
3+	Hep B	92.8	80	94.1	-----	Not Met
2	MMR	92.8	68	92.7	94.7	Not Met
2	Varicella	92.8	67	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	83.3	73	84.5	86.0 (±0.9)	(80%) Met
1	MCV	83.3	66	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	81.8	92	88.8	78.5 (±1.3)	(90%) Not Met



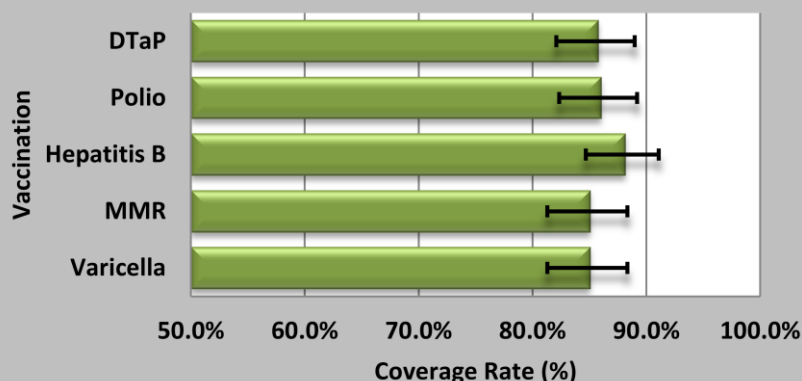
Montgomery County

422 Children in Kindergarten

356 Children in Sixth Grade



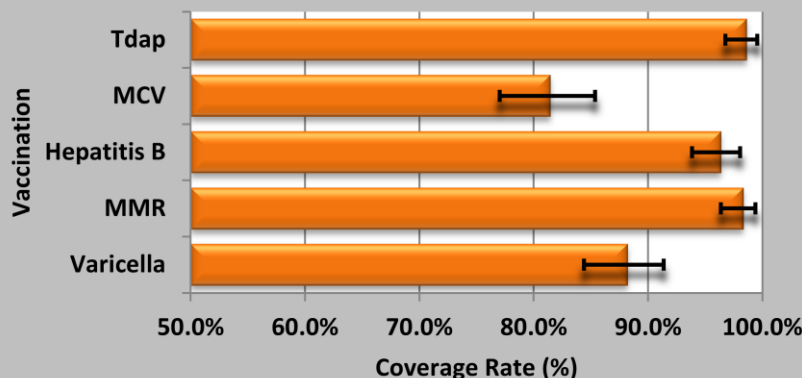
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	91.2%	94.7%
Medical Exemption	0.2%	1.4%
Religious Exemption	0.7%	0.3%
No Certificate on File	7.8%	3.7%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Montgomery County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	85.8	112	94.4	95.0	Not Met
3+	Polio	86.0	112	94.7	-----	Not Met
3+	Hep B	88.2	104	94.1	-----	Not Met
2	MMR	85.1	106	92.7	94.7	Not Met
2	Varicella	85.1	105	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.6	9	84.5	86.0 (±0.9)	(80%) Met
1	MCV	81.5	73	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.3	96	97.4	-----	(95%) Met
2	MMR	98.3	61	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	88.2	69	88.8	78.5 (±1.3)	(90%) Not Met



Morgan County

158 Children in Kindergarten

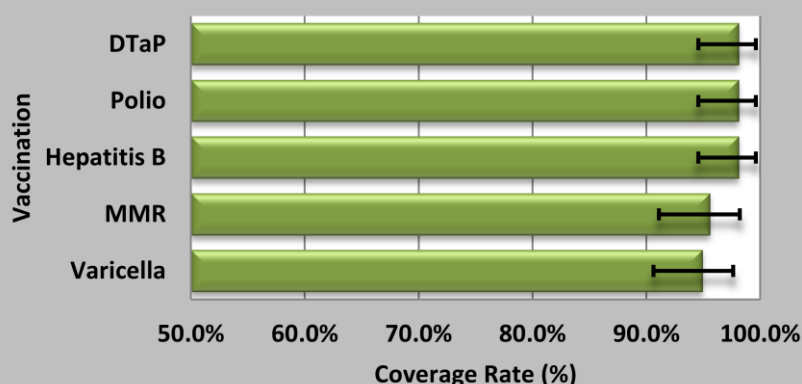
157 Children in Sixth Grade



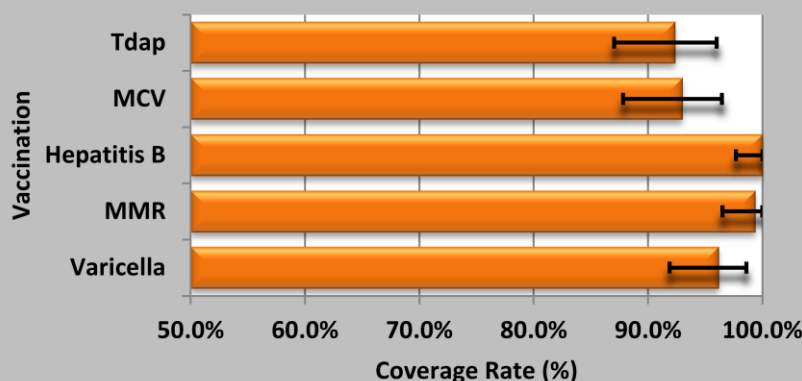
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.1%	98.7%
Medical Exemption	0%	0.6%
Religious Exemption	0%	0.6%
No Certificate on File	1.9%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Morgan County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.1	28	94.4	95.0	Met
3+	Polio	98.1	35	94.7	-----	Met
3+	Hep B	98.1	31	94.1	-----	Met
2	MMR	95.6	46	92.7	94.7	Met
2	Varicella	94.9	50	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	92.4	52	84.5	86.0 (±0.9)	(80%) Met
1	MCV	93.0	41	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	99.4	28	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.2	33	88.8	78.5 (±1.3)	(90%) Met



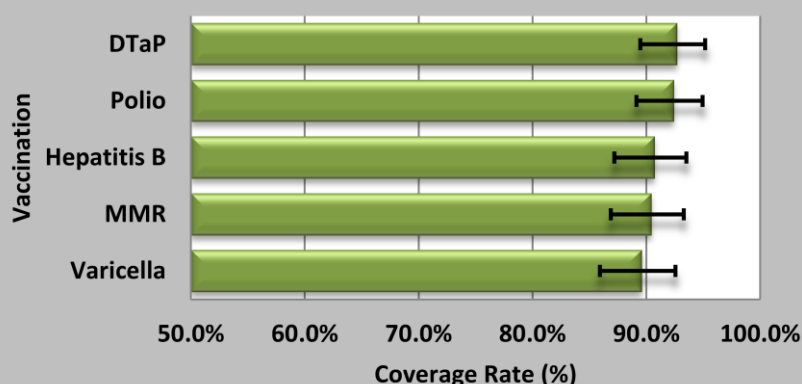
Muhlenberg County

355 Children in Kindergarten

360 Children in Sixth Grade



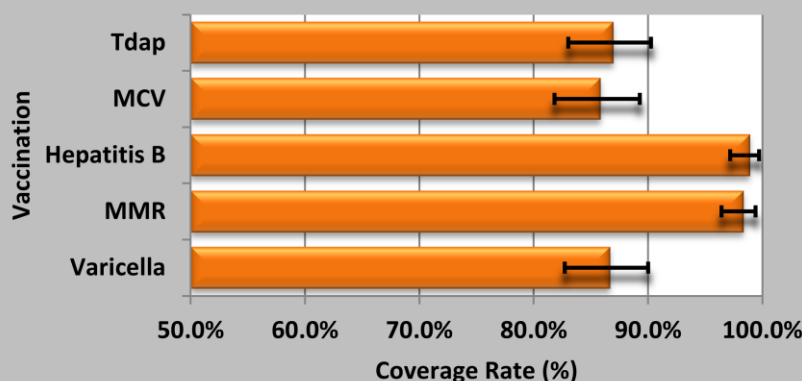
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	92.7%	97.8%
Medical Exemption	0%	1.1%
Religious Exemption	0.8%	0.8%
No Certificate on File	6.5%	0.3%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Muhlenberg County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	92.7	82	94.4	95.0	Not Met
3+	Polio	92.4	87	94.7	-----	Not Met
3+	Hep B	90.7	94	94.1	-----	Not Met
2	MMR	90.4	86	92.7	94.7	Not Met
2	Varicella	89.6	87	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	92.7	65	84.5	86.0 (±0.9)	(80%) Met
1	MCV	92.4	63	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	90.7	44	97.4	-----	(95%) Not Met
2	MMR	90.4	59	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	89.6	76	88.8	78.5 (±1.3)	(90%) Not Met



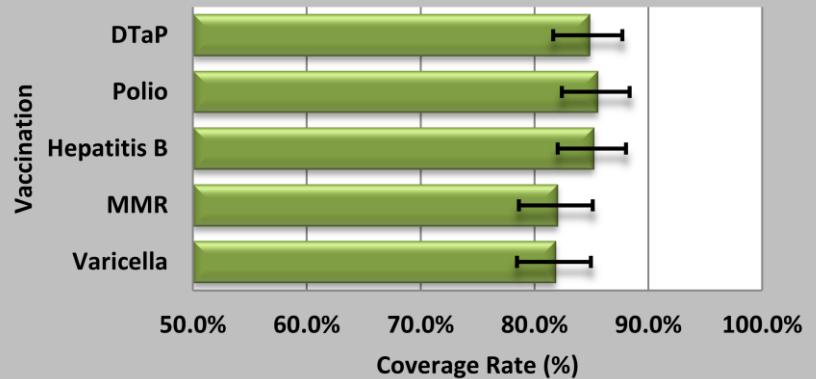
Nelson County

568 Children in Kindergarten

618 Children in Sixth Grade



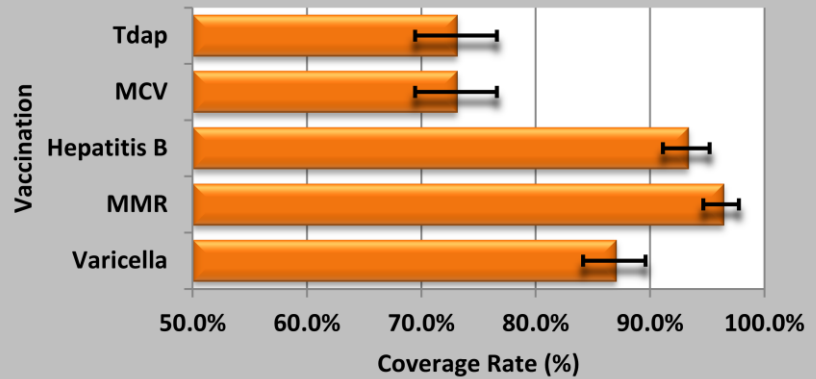
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	84.3%	97.1%
Medical Exemption	0.4%	0.3%
Religious Exemption	0.2%	0.6%
No Certificate on File	15.1%	1.9%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Nelson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	84.9	115	94.4	95.0	Not Met
3+	Polio	85.6	114	94.7	-----	Not Met
3+	Hep B	85.2	116	94.1	-----	Not Met
2	MMR	82.0	114	92.7	94.7	Not Met
2	Varicella	81.9	112	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	73.1	96	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	73.1	94	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	93.4	111	97.4	-----	(95%) Not Met
2	MMR	96.4	93	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	87.1	73	88.8	78.5 (±1.3)	(90%) Not Met



Nicholas County

95 Children in Kindergarten

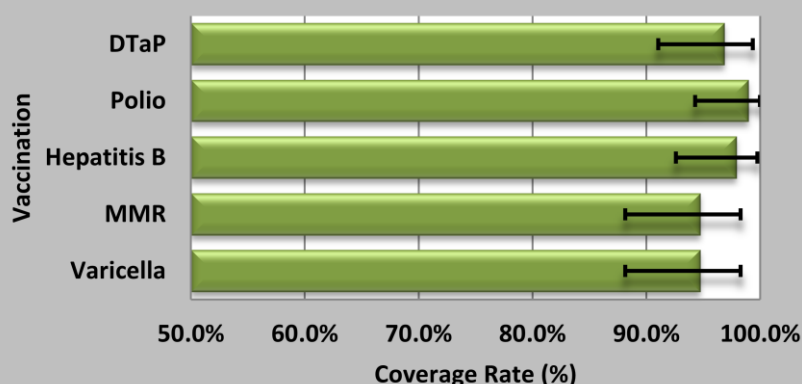
84 Children in Sixth Grade



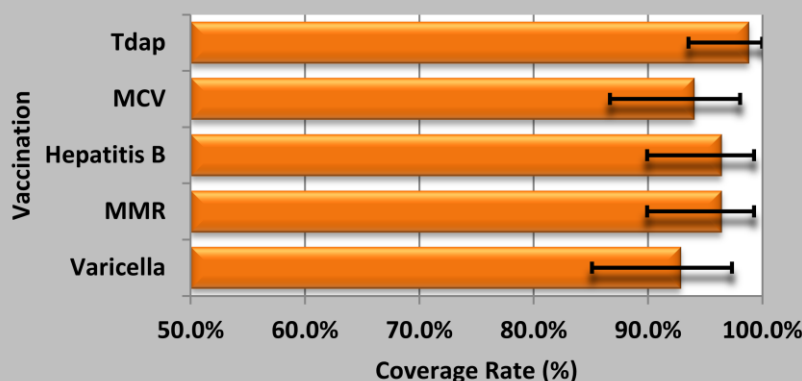
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	98.8%
Medical Exemption	0%	0%
Religious Exemption	0%	1.2%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Nicholas County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.8	47	94.4	95.0	Met
3+	Polio	98.9	21	94.7	-----	Met
3+	Hep B	97.9	34	94.1	-----	Met
2	MMR	94.7	56	92.7	94.7	Not Met
2	Varicella	94.7	54	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.8	6	84.5	86.0 (±0.9)	(80%) Met
1	MCV	94.0	36	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.4	95	97.4	-----	(95%) Met
2	MMR	96.4	94	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	92.9	51	88.8	78.5 (±1.3)	(90%) Met



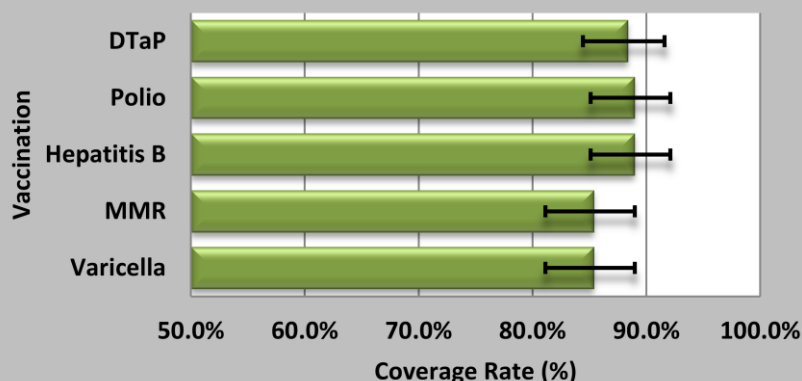
Ohio County

335 Children in Kindergarten

284 Children in Sixth Grade



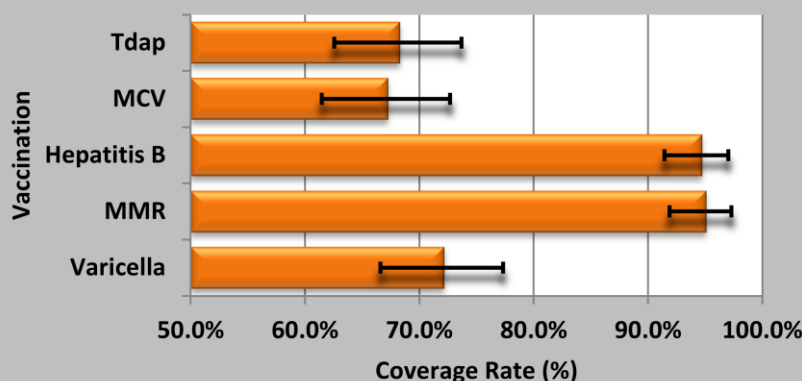
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	90.1%	96.5%
Medical Exemption	0%	0%
Religious Exemption	0.6%	0%
No Certificate on File	9.3%	3.5%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Ohio County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	88.4	104	94.4	95.0	Not Met
3+	Polio	89.0	103	94.7	-----	Not Met
3+	Hep B	89.0	102	94.1	-----	Not Met
2	MMR	85.4	104	92.7	94.7	Not Met
2	Varicella	85.4	102	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	68.3	102	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	67.3	100	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	94.7	107	97.4	-----	(95%) Not Met
2	MMR	95.1	106	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	72.2	105	88.8	78.5 (±1.3)	(90%) Not Met



Oldham County

816 Children in Kindergarten

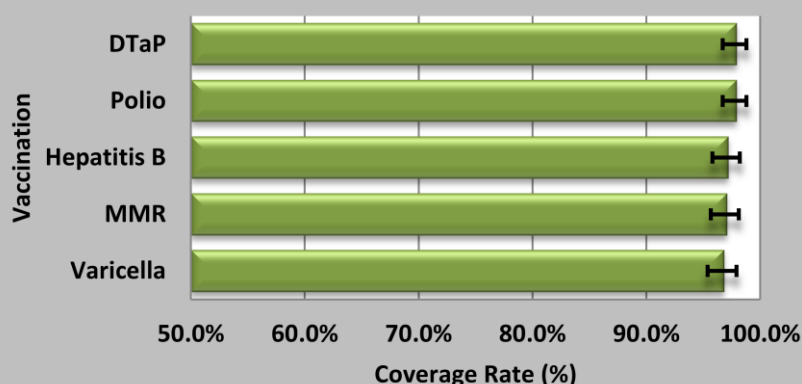
1023 Children in Sixth Grade



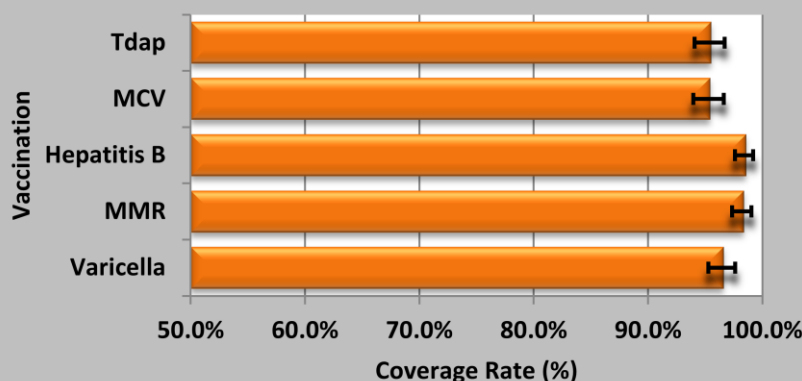
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.8%	97.9%
Medical Exemption	0.6%	0.2%
Religious Exemption	1.5%	1.4%
No Certificate on File	0.1%	0.5%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Oldham County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.9	31	94.4	95.0	Met
3+	Polio	97.9	41	94.7	-----	Met
3+	Hep B	97.2	45	94.1	-----	Met
2	MMR	97.1	31	92.7	94.7	Met
2	Varicella	96.8	34	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	95.5	36	84.5	86.0 (±0.9)	(80%) Met
1	MCV	95.4	29	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.5	54	97.4	-----	(95%) Met
2	MMR	98.3	58	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.6	29	88.8	78.5 (±1.3)	(90%) Met



Owen County

135 Children in Kindergarten

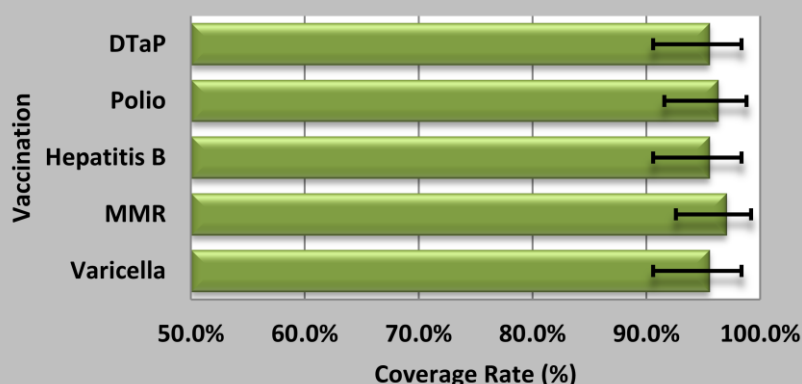
126 Children in Sixth Grade



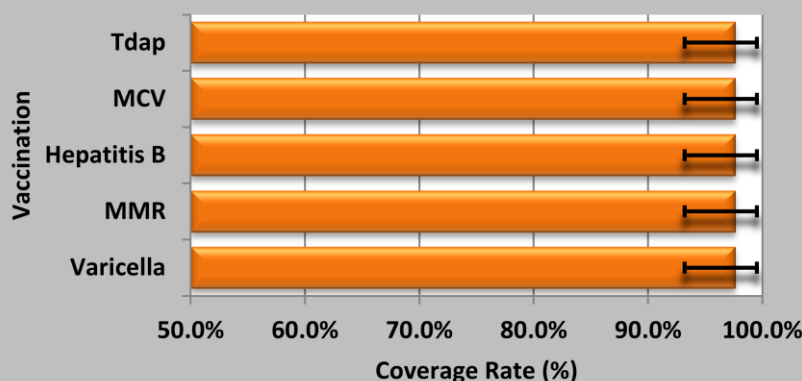
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.8%	97.6%
Medical Exemption	0.7%	0%
Religious Exemption	0.7%	0.8%
No Certificate on File	0.7%	1.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Owen County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	95.6	58	94.4	95.0	Met
3+	Polio	96.3	58	94.7	-----	Met
3+	Hep B	95.6	58	94.1	-----	Met
2	MMR	97.0	32	92.7	94.7	Met
2	Varicella	95.6	43	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.6	16	84.5	86.0 (±0.9)	(80%) Met
1	MCV	97.6	13	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	97.6	76	97.4	-----	(95%) Met
2	MMR	97.6	73	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.6	18	88.8	78.5 (±1.3)	(90%) Met



Owsley County

65 Children in Kindergarten

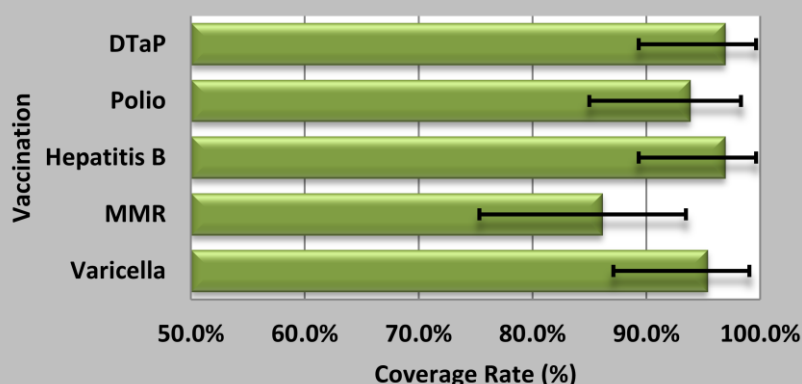
54 Children in Sixth Grade



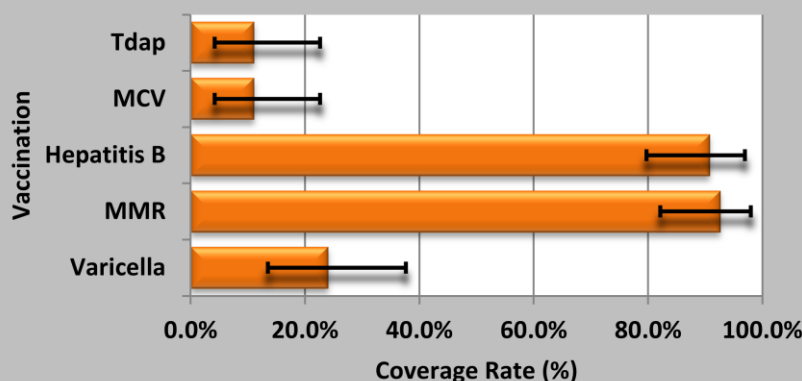
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.4%	90.7%
Medical Exemption	1.5%	1.9%
Religious Exemption	0%	0%
No Certificate on File	3.1%	7.4%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Owsley County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.9	46	94.4	95.0	Met
3+	Polio	93.8	77	94.7	-----	Not Met
3+	Hep B	96.9	49	94.1	-----	Met
2	MMR	86.2	96	92.7	94.7	Not Met
2	Varicella	95.4	44	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	11.1	120	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	11.1	120	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	90.7	117	97.4	-----	(95%) Not Met
2	MMR	92.6	115	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	24.1	120	88.8	78.5 (±1.3)	(90%) Not Met



Pendleton County

182 Children in Kindergarten

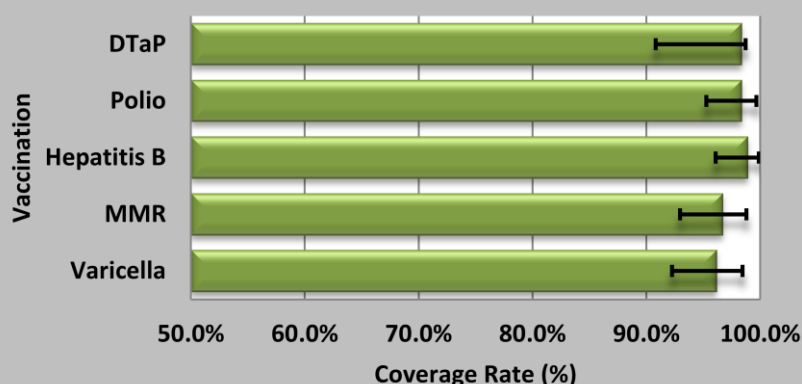
175 Children in Sixth Grade



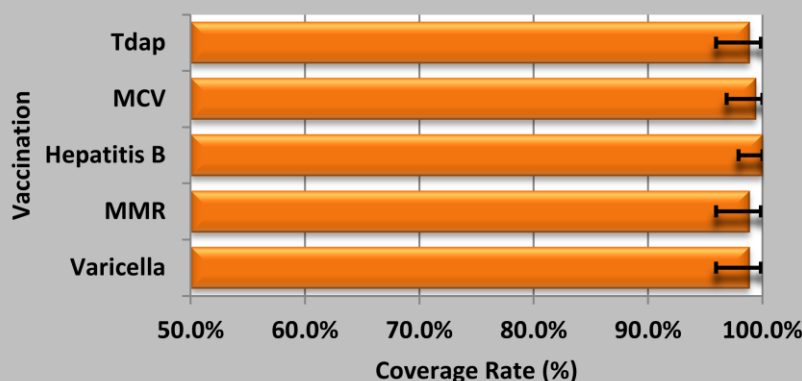
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.9%	98.9%
Medical Exemption	0%	0.6%
Religious Exemption	1.1%	0.6%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Pendleton County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.4	26	94.4	95.0	Met
3+	Polio	98.4	31	94.7	-----	Met
3+	Hep B	98.9	19	94.1	-----	Met
2	MMR	96.7	35	92.7	94.7	Met
2	Varicella	96.2	40	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.9	5	84.5	86.0 (±0.9)	(80%) Met
1	MCV	99.4	6	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	98.9	36	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.9	10	88.8	78.5 (±1.3)	(90%) Met



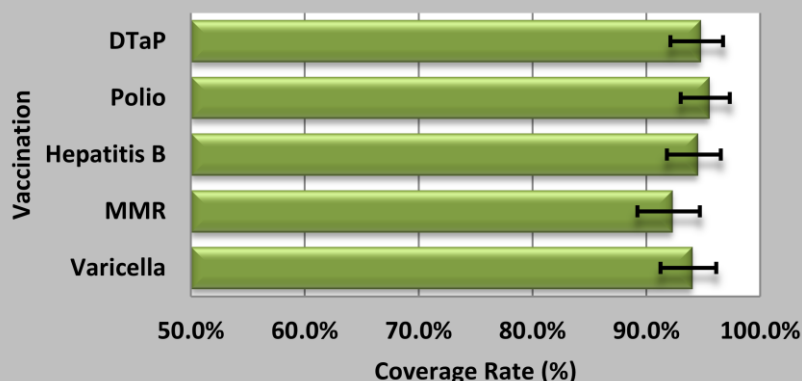
Perry County

401 Children in Kindergarten

390 Children in Sixth Grade



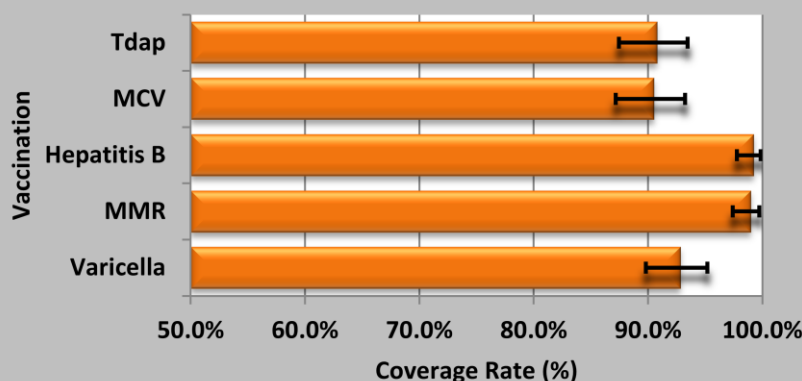
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.8%	99.2%
Medical Exemption	0.5%	0%
Religious Exemption	0%	0%
No Certificate on File	3.7%	0.8%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Perry County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.5	68	94.4	95.0	Not Met
3+	Polio	95.5	61	94.7	-----	Met
3+	Hep B	94.5	64	94.1	-----	Not Met
2	MMR	92.3	73	92.7	94.7	Not Met
2	Varicella	94.0	59	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	90.8	55	84.5	86.0 (±0.9)	(80%) Met
1	MCV	90.5	49	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.2	30	97.4	-----	(95%) Met
2	MMR	99.0	34	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	92.8	53	88.8	78.5 (±1.3)	(90%) Met



Pike County

796 Children in Kindergarten

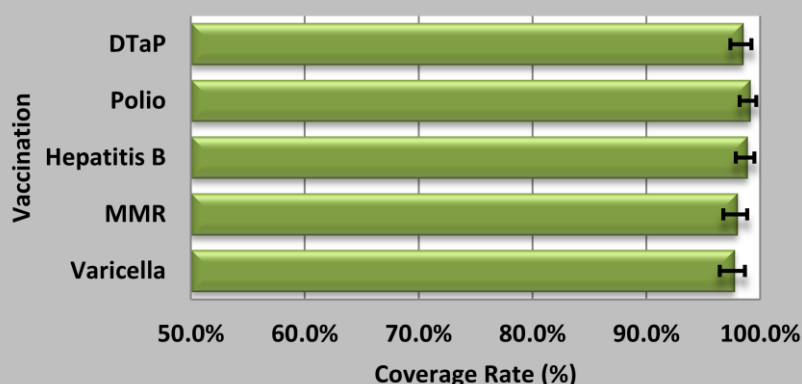
775 Children in Sixth Grade



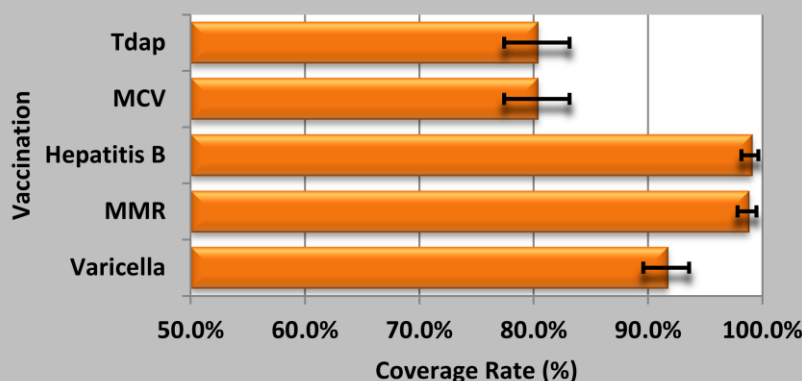
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.5%	99.0%
Medical Exemption	0%	0.4%
Religious Exemption	0%	0.1%
No Certificate on File	0.5%	0.5%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Pike County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.5	22	94.4	95.0	Met
3+	Polio	99.1	16	94.7	-----	Met
3+	Hep B	98.9	20	94.1	-----	Met
2	MMR	98.0	18	92.7	94.7	Met
2	Varicella	97.7	20	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	80.4	81	84.5	86.0 (±0.9)	(80%) Met
1	MCV	80.4	76	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.1	37	97.4	-----	(95%) Met
2	MMR	98.8	37	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	91.7	58	88.8	78.5 (±1.3)	(90%) Met



Powell County

176 Children in Kindergarten

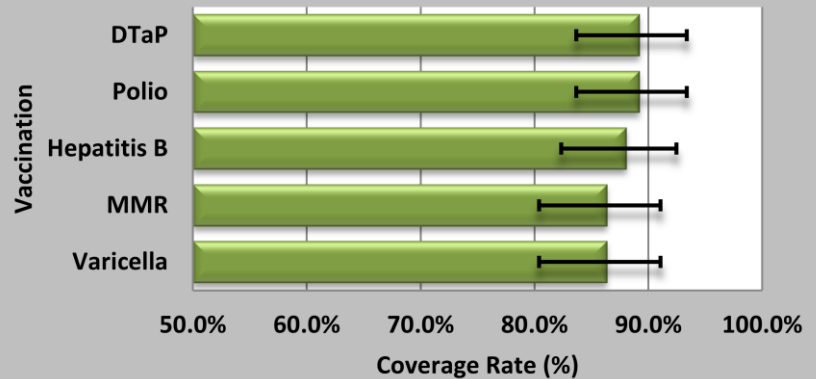
170 Children in Sixth Grade



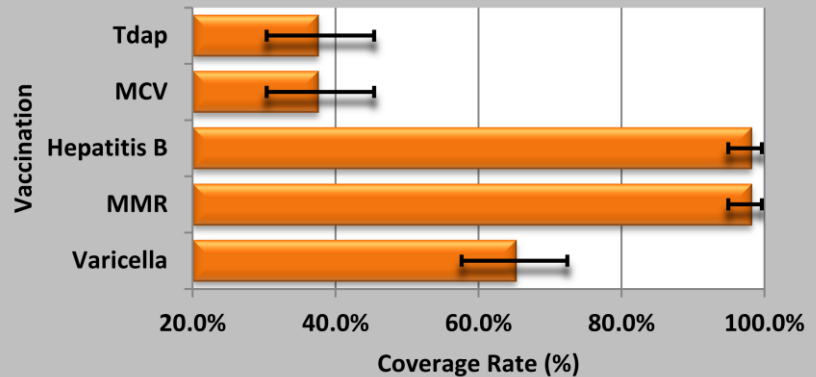
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	89.2%	98.2%
Medical Exemption	0%	0.6%
Religious Exemption	0%	0.6%
No Certificate on File	10.8%	0.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Powell County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	89.2	98	94.4	95.0	Not Met
3+	Polio	89.2	101	94.7	-----	Not Met
3+	Hep B	88.1	107	94.1	-----	Not Met
2	MMR	86.4	94	92.7	94.7	Not Met
2	Varicella	86.4	98	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	37.6	118	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	37.6	118	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.2	67	97.4	-----	(95%) Met
2	MMR	98.2	62	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	65.3	114	88.8	78.5 (±1.3)	(90%) Not Met



Pulaski County

831 Children in Kindergarten

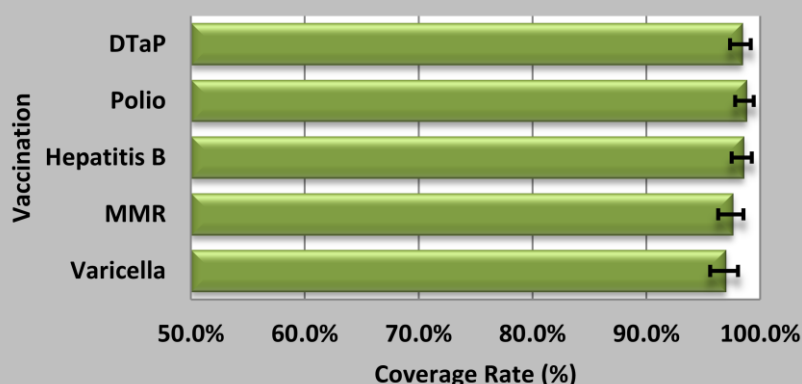
836 Children in Sixth Grade



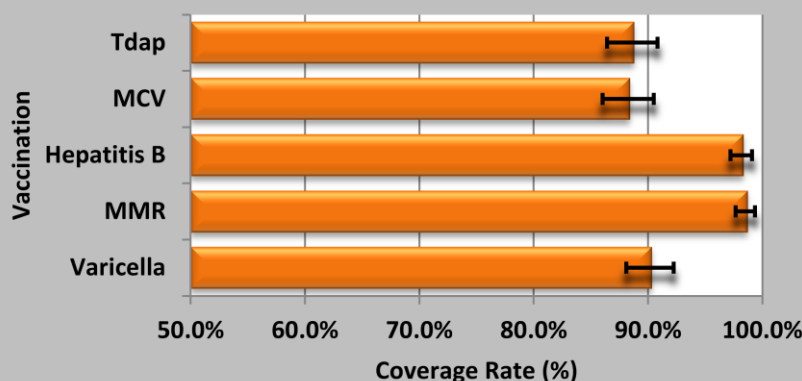
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.3%	98.3%
Medical Exemption	0.4%	0.4%
Religious Exemption	0.8%	0.2%
No Certificate on File	0.5%	1.1%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Pulaski County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.4	23	94.4	95.0	Met
3+	Polio	98.8	24	94.7	-----	Met
3+	Hep B	98.6	25	94.1	-----	Met
2	MMR	97.6	23	92.7	94.7	Met
2	Varicella	97.0	31	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	88.8	62	84.5	86.0 (±0.9)	(80%) Met
1	MCV	88.4	56	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.3	64	97.4	-----	(95%) Met
2	MMR	98.7	45	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	90.3	64	88.8	78.5 (±1.3)	(90%) Met



Robertson County

19 Children in Kindergarten

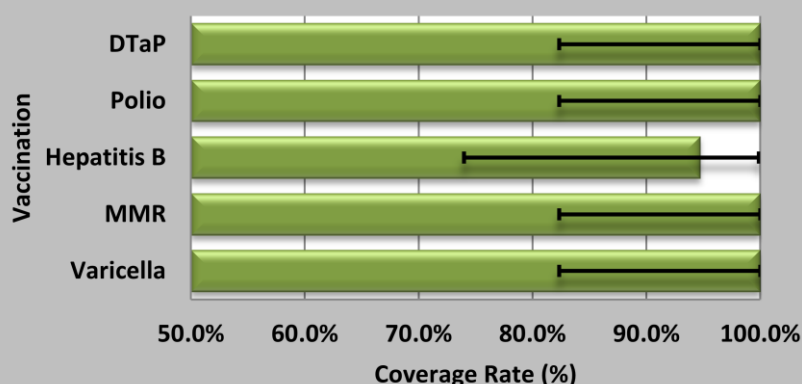
27 Children in Sixth Grade



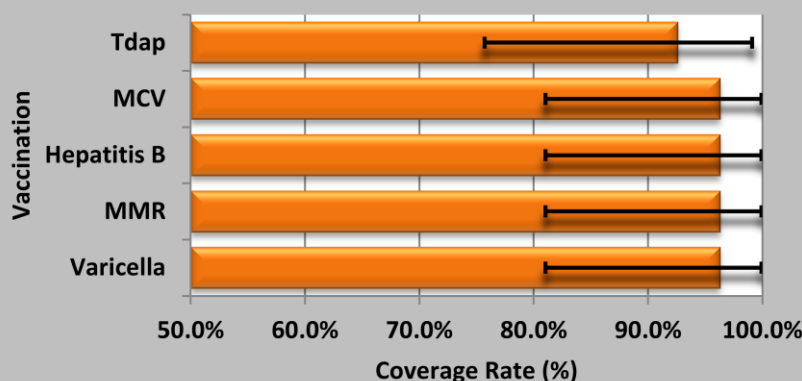
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	100%	96.3%
Medical Exemption	0%	0%
Religious Exemption	0%	3.7%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Robertson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	100	1	94.4	95.0	Met
3+	Polio	100	1	94.7	-----	Met
3+	Hep B	94.7	61	94.1	-----	Not Met
2	MMR	100	1	92.7	94.7	Met
2	Varicella	100	1	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	92.6	49	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.3	23	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	96.3	97	97.4	-----	(95%) Met
2	MMR	96.3	95	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.3	31	88.8	78.5 (±1.3)	(90%) Met



Rockcastle County

213 Children in Kindergarten

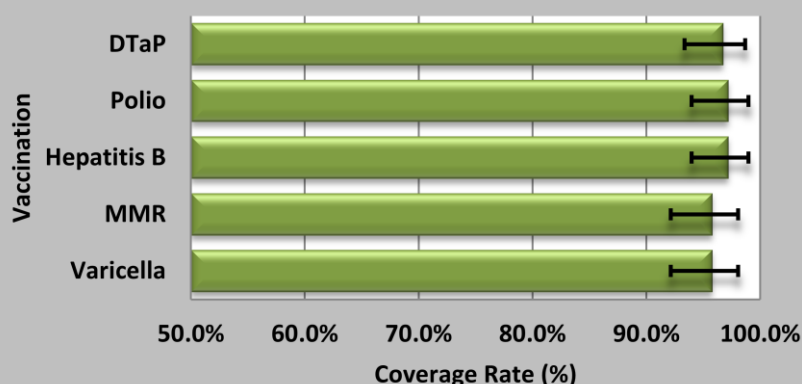
210 Children in Sixth Grade



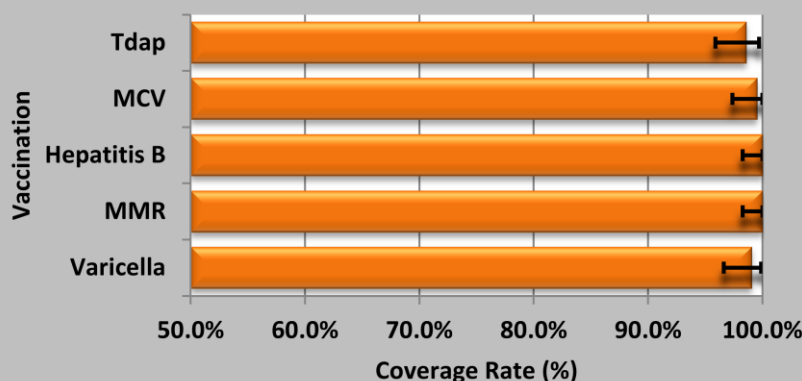
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.7%	99.0%
Medical Exemption	0%	0.5%
Religious Exemption	0.9%	0.5%
No Certificate on File	1.4%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Rockcastle County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.7	49	94.4	95.0	Met
3+	Polio	97.2	53	94.7	-----	Met
3+	Hep B	97.2	44	94.1	-----	Met
2	MMR	95.8	44	92.7	94.7	Met
2	Varicella	95.8	42	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.6	10	84.5	86.0 (±0.9)	(80%) Met
1	MCV	99.5	5	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	99.0	9	88.8	78.5 (±1.3)	(90%) Met



Rowan County

280 Children in Kindergarten

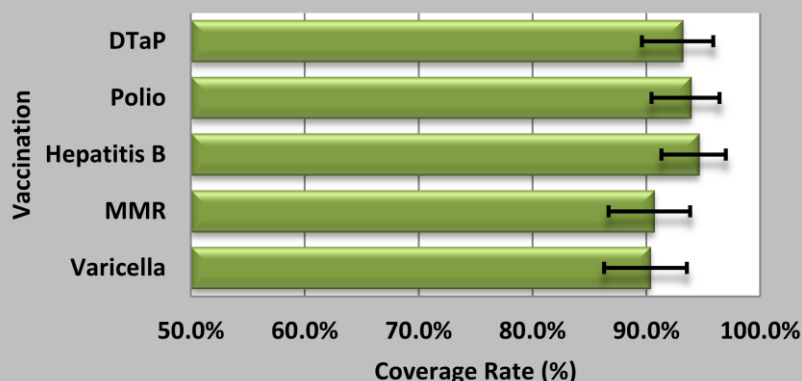
246 Children in Sixth Grade



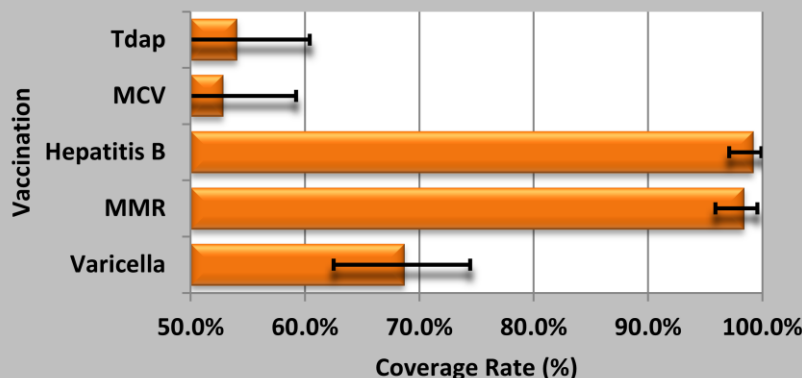
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	94.3%	97.2%
Medical Exemption	0%	1.2%
Religious Exemption	0.4%	0.8%
No Certificate on File	5.4%	0.8%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Rowan County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	93.2	80	94.4	95.0	Not Met
3+	Polio	93.9	75	94.7	-----	Not Met
3+	Hep B	94.6	62	94.1	-----	Not Met
2	MMR	90.7	85	92.7	94.7	Not Met
2	Varicella	90.4	83	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	54.1	113	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	52.8	113	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	99.2	34	97.4	-----	(95%) Met
2	MMR	98.4	57	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	68.7	109	88.8	78.5 (±1.3)	(90%) Not Met



Russell County

272 Children in Kindergarten

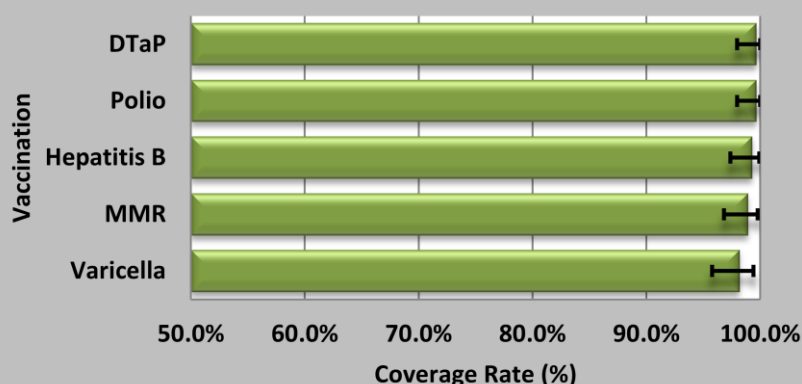
213 Children in Sixth Grade



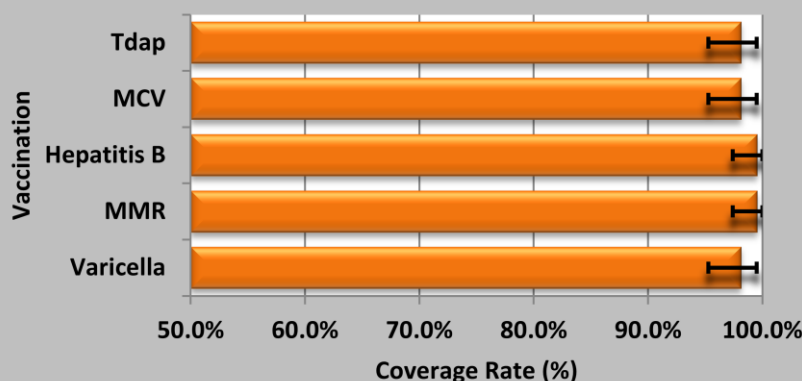
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.3%	99.5%
Medical Exemption	0.4%	0%
Religious Exemption	0.4%	0.5%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Russell County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.6	6	94.4	95.0	Met
3+	Polio	99.6	9	94.7	-----	Met
3+	Hep B	99.3	12	94.1	-----	Met
2	MMR	98.9	11	92.7	94.7	Met
2	Varicella	98.2	17	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	98.1	12	84.5	86.0 (±0.9)	(80%) Met
1	MCV	98.1	1	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.5	22	97.4	-----	(95%) Met
2	MMR	99.5	23	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	98.1	15	88.8	78.5 (±1.3)	(90%) Met



Scott County

733 Children in Kindergarten

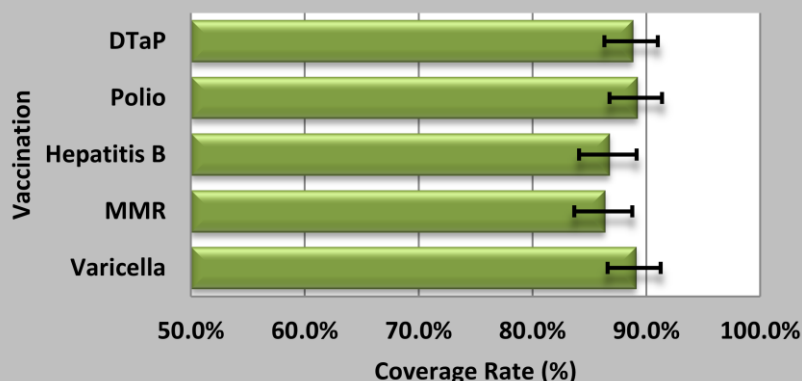
695 Children in Sixth Grade



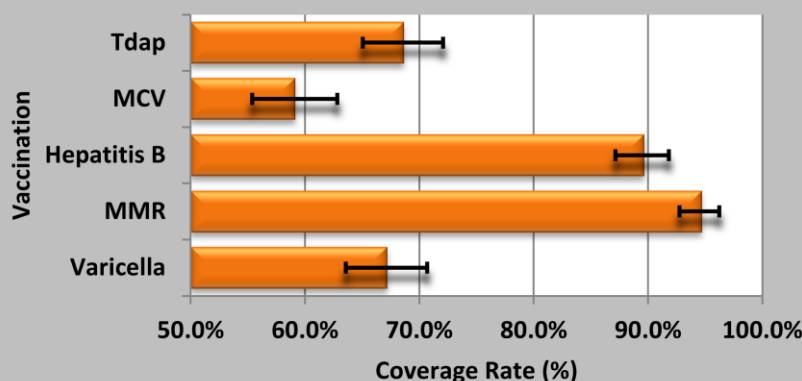
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	89.4%	96.3%
Medical Exemption	0.3%	0%
Religious Exemption	1.2%	0.4%
No Certificate on File	9.1%	3.3%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Scott County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	88.8	100	94.4	95.0	Not Met
3+	Polio	89.2	99	94.7	-----	Not Met
3+	Hep B	86.8	110	94.1	-----	Not Met
2	MMR	86.4	95	92.7	94.7	Not Met
2	Varicella	89.1	90	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	68.6	101	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	59.1	106	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	89.6	119	97.4	-----	(95%) Not Met
2	MMR	94.7	108	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	67.2	112	88.8	78.5 (±1.3)	(90%) Not Met



Shelby County

547 Children in Kindergarten

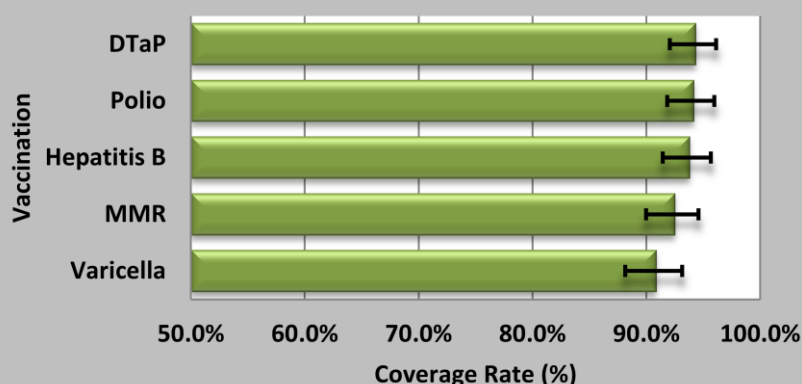
563 Children in Sixth Grade



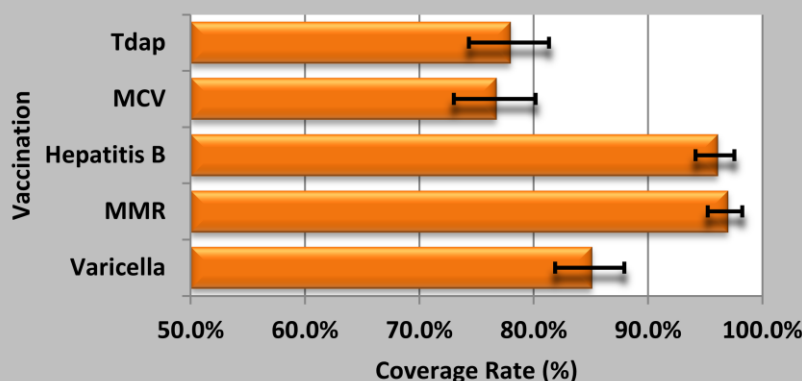
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.6%	97.5%
Medical Exemption	0%	0.9%
Religious Exemption	0.4%	0.4%
No Certificate on File	4.0%	1.2%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Shelby County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.3	71	94.4	95.0	Not Met
3+	Polio	94.1	73	94.7	-----	Not Met
3+	Hep B	93.8	72	94.1	-----	Not Met
2	MMR	92.5	72	92.7	94.7	Not Met
2	Varicella	90.9	79	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	78.0	87	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	76.7	84	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	96.1	101	97.4	-----	(95%) Met
2	MMR	97.0	83	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	85.1	82	88.8	78.5 (±1.3)	(90%) Not Met



Simpson County

213 Children in Kindergarten

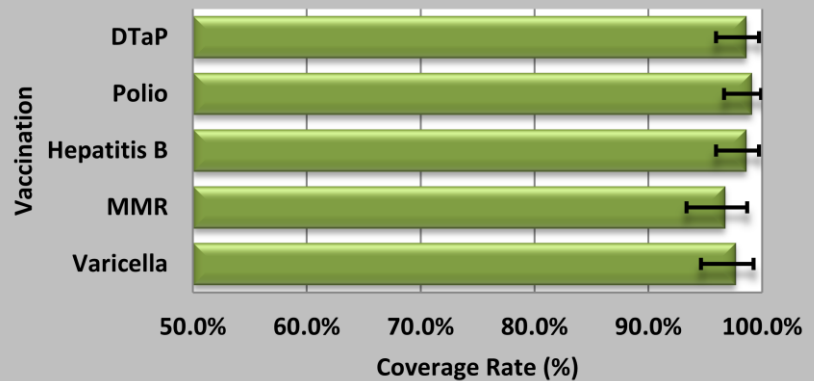
227 Children in Sixth Grade



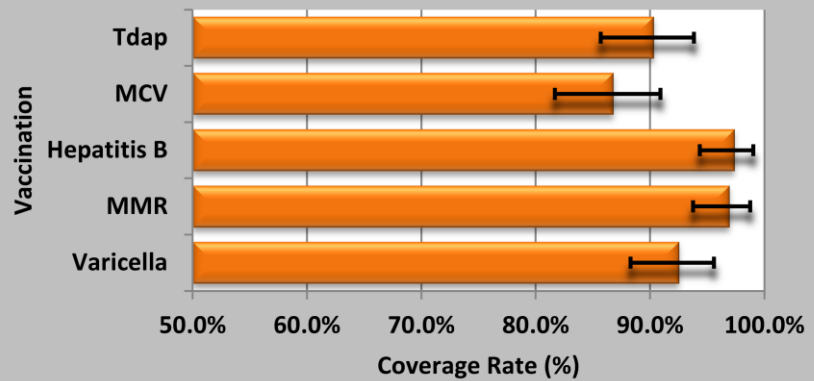
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.1%	97.4%
Medical Exemption	0.5%	0.4%
Religious Exemption	0.5%	0.4%
No Certificate on File	0%	1.8%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Simpson County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	98.6	20	94.4	95.0	Met
3+	Polio	99.1	17	94.7	-----	Met
3+	Hep B	98.6	24	94.1	-----	Met
2	MMR	96.7	34	92.7	94.7	Met
2	Varicella	97.7	22	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	90.3	57	84.5	86.0 (±0.9)	(80%) Met
1	MCV	86.8	62	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	97.4	87	97.4	-----	(95%) Met
2	MMR	96.9	84	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	92.5	57	88.8	78.5 (±1.3)	(90%) Met



Spencer County

195 Children in Kindergarten

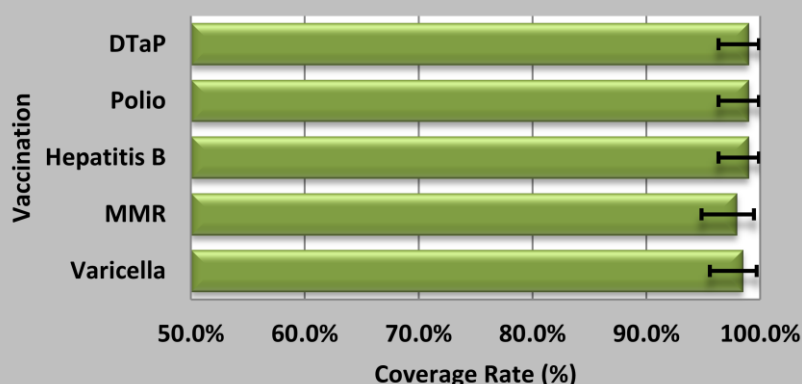
227 Children in Sixth Grade



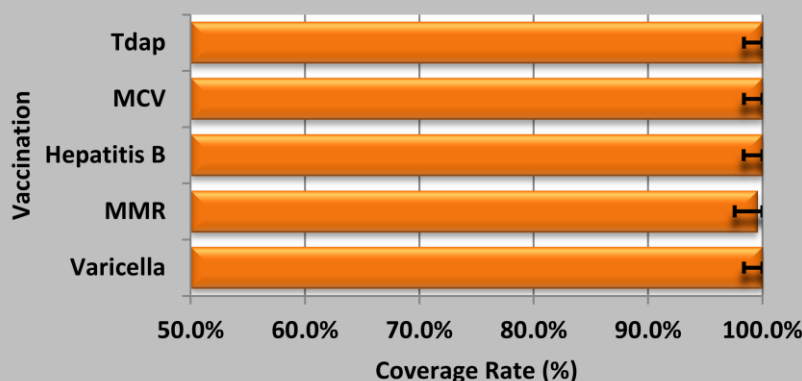
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.5%	99.6%
Medical Exemption	0%	0.4%
Religious Exemption	1.0%	0%
No Certificate on File	0.5%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Spencer County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.0	14	94.4	95.0	Met
3+	Polio	99.0	19	94.7	-----	Met
3+	Hep B	99.0	17	94.1	-----	Met
2	MMR	97.9	19	92.7	94.7	Met
2	Varicella	98.5	15	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	100	1	84.5	86.0 (±0.9)	(80%) Met
1	MCV	100	1	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	99.6	22	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	100	1	88.8	78.5 (±1.3)	(90%) Met



Taylor County

327 Children in Kindergarten

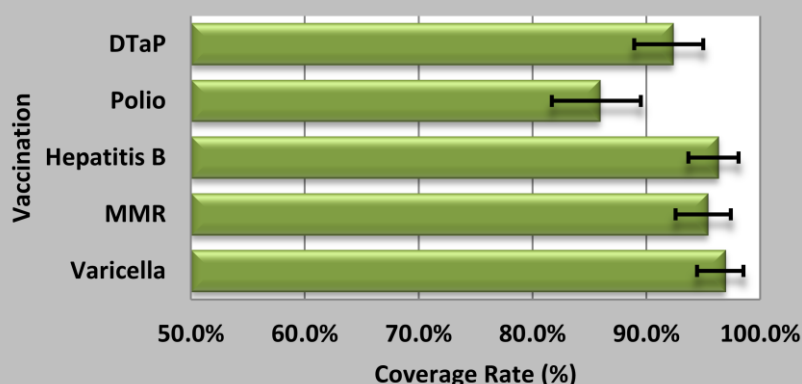
315 Children in Sixth Grade



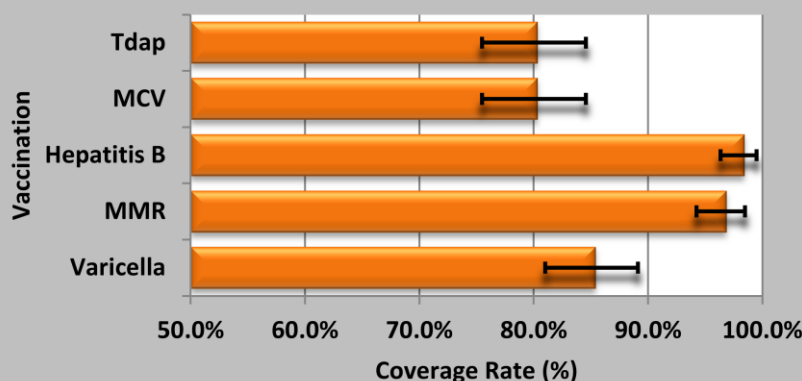
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.6%	98.7%
Medical Exemption	0%	0.3%
Religious Exemption	0.6%	1.0%
No Certificate on File	1.8%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Taylor County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal ^{**}
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	92.4	84	94.4	95.0	Not Met
3+	Polio	85.9	113	94.7	-----	Not Met
3+	Hep B	96.3	54	94.1	-----	Met
2	MMR	95.4	49	92.7	94.7	Met
2	Varicella	96.9	32	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	80.3	82	84.5	86.0 (±0.9)	(80%) Met
1	MCV	80.3	77	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	98.4	59	97.4	-----	(95%) Met
2	MMR	96.8	88	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	85.4	81	88.8	78.5 (±1.3)	(90%) Not Met



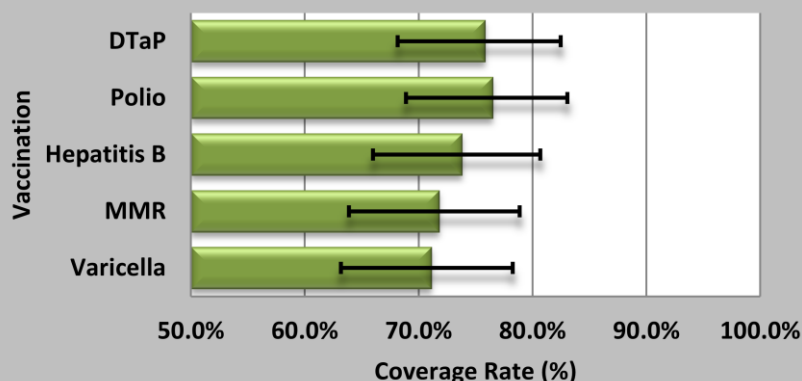
Todd County

149 Children in Kindergarten

153 Children in Sixth Grade



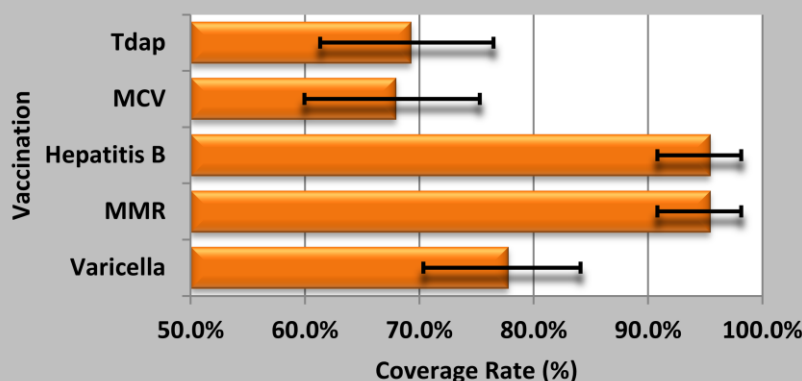
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	76.5%	95.4%
Medical Exemption	0.7%	0%
Religious Exemption	0%	0%
No Certificate on File	22.8%	4.6%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Todd County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	75.8	120	94.4	95.0	Not Met
3+	Polio	76.5	120	94.7	-----	Not Met
3+	Hep B	73.8	120	94.1	-----	Not Met
2	MMR	71.8	119	92.7	94.7	Not Met
2	Varicella	71.1	119	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	69.3	99	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	68.0	99	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	95.4	105	97.4	-----	(95%) Met
2	MMR	95.4	102	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	77.8	98	88.8	78.5 (±1.3)	(90%) Not Met



Trigg County

142 Children in Kindergarten

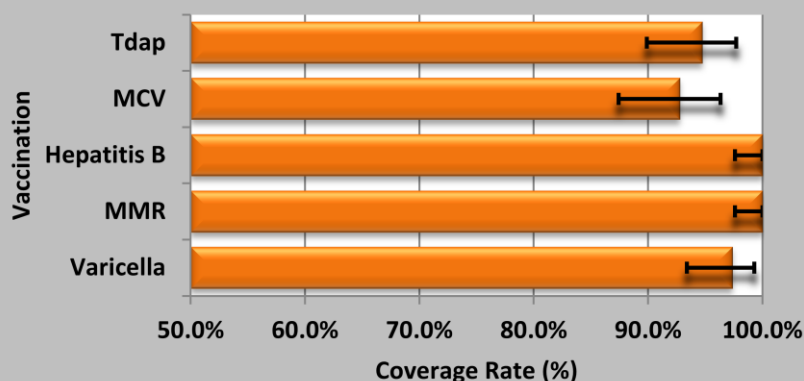
152 Children in Sixth Grade



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	93.0%	100%
Medical Exemption	0%	0%
Religious Exemption	0.7%	0%
No Certificate on File	6.3%	0%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Trigg County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	92.3	85	94.4	95.0	Not Met
3+	Polio	93.0	81	94.7	-----	Not Met
3+	Hep B	91.5	89	94.1	-----	Not Met
2	MMR	92.3	74	92.7	94.7	Not Met
2	Varicella	91.5	75	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	94.7	40	84.5	86.0 (±0.9)	(80%) Met
1	MCV	92.8	42	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.4	23	88.8	78.5 (±1.3)	(90%) Met



Trimble County

124 Children in Kindergarten

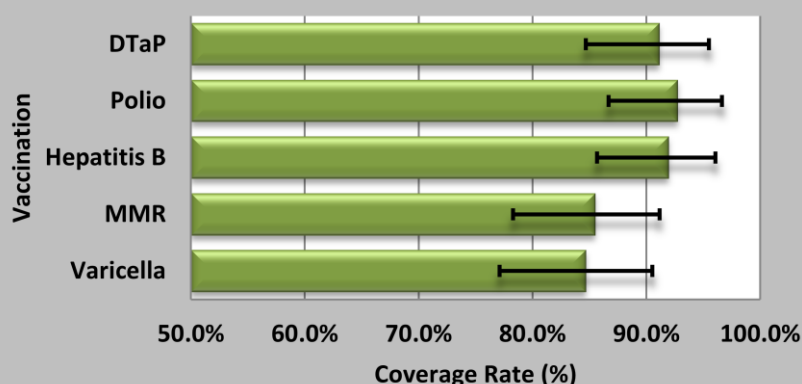
105 Children in Sixth Grade



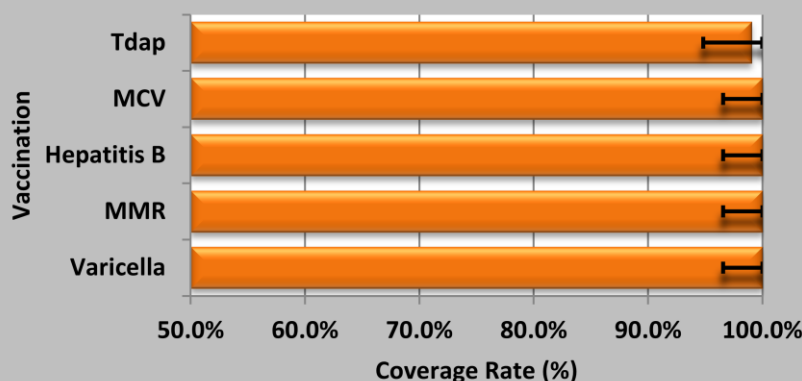
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	92.7%	99.0%
Medical Exemption	0%	1.0%
Religious Exemption	0%	0%
No Certificate on File	7.3%	0%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Trimble County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.1	92	94.4	95.0	Not Met
3+	Polio	92.7	84	94.7	-----	Not Met
3+	Hep B	91.9	83	94.1	-----	Not Met
2	MMR	85.5	103	92.7	94.7	Not Met
2	Varicella	84.7	107	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	99	3	84.5	86.0 (±0.9)	(80%) Met
1	MCV	100	1	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	100	1	88.8	78.5 (±1.3)	(90%) Met



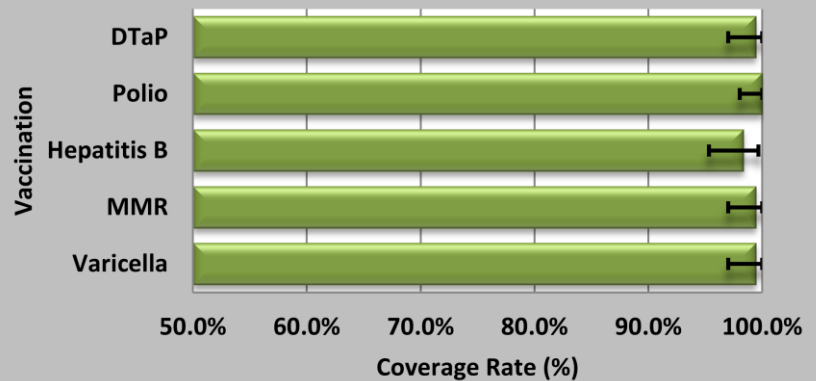
Union County

184 Children in Kindergarten

205 Children in Sixth Grade



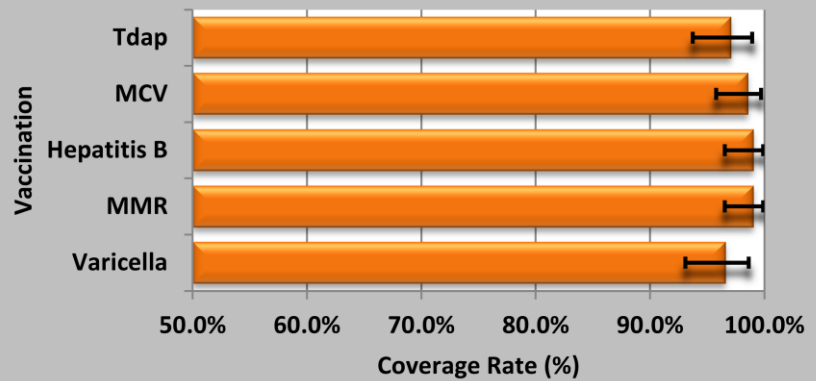
School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	99.5%	98.5%
Medical Exemption	0%	0.5%
Religious Exemption	0.5%	0.5%
No Certificate on File	0%	0.5%

School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Union County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.5	7	94.4	95.0	Met
3+	Polio	100	1	94.7	-----	Met
3+	Hep B	98.4	28	94.1	-----	Met
2	MMR	99.5	4	92.7	94.7	Met
2	Varicella	99.5	5	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	97.1	20	84.5	86.0 (±0.9)	(80%) Met
1	MCV	98.5	8	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.0	40	97.4	-----	(95%) Met
2	MMR	99.0	33	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	96.6	28	88.8	78.5 (±1.3)	(90%) Met



Warren County

1361 Children in Kindergarten

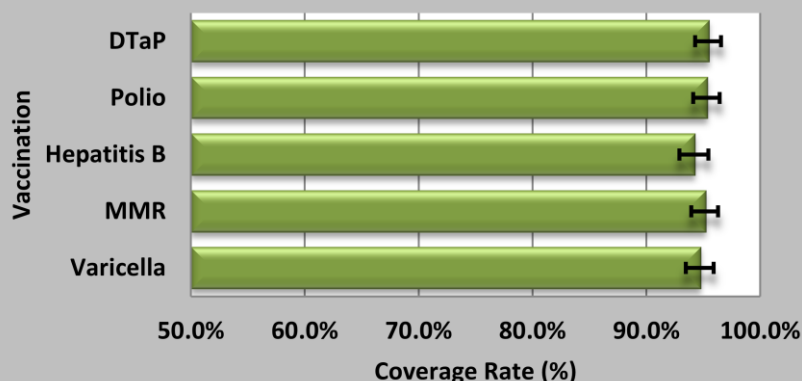
1292 Children in Sixth Grade



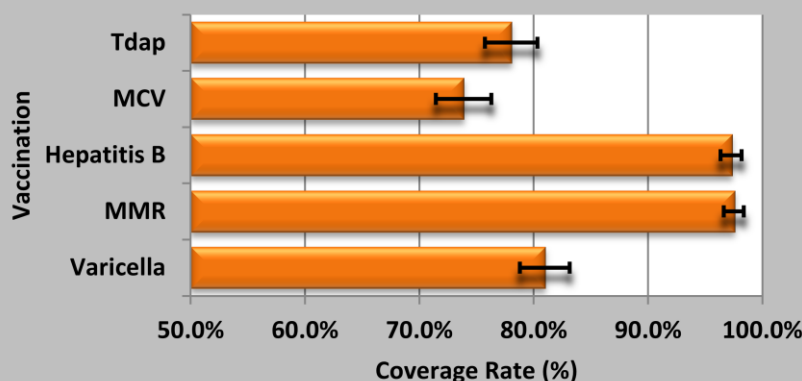
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.3%	96.8%
Medical Exemption	0.1%	1.8%
Religious Exemption	1.1%	0.2%
No Certificate on File	1.5%	1.2%

School Entry Vaccination Coverage Levels
for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels
for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Warren County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	95.5	60	94.4	95.0	Met
3+	Polio	95.4	62	94.7	-----	Met
3+	Hep B	94.3	68	94.1	-----	Not Met
2	MMR	95.2	52	92.7	94.7	Met
2	Varicella	94.8	52	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	78.1	86	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	73.9	93	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.4	86	97.4	-----	(95%) Met
2	MMR	97.6	75	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	81.0	93	88.8	78.5 (±1.3)	(90%) Not Met



Washington County

179 Children in Kindergarten

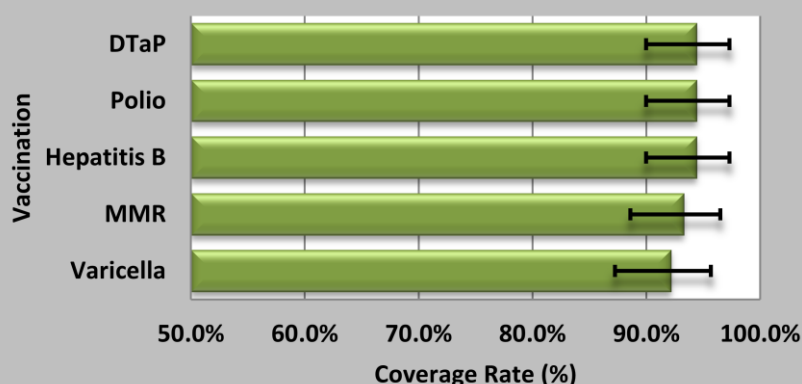
156 Children in Sixth Grade



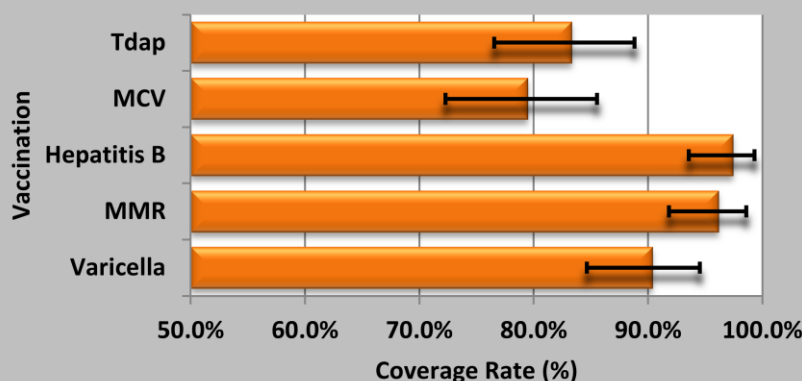
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	95.0%	97.4%
Medical Exemption	0%	1.3%
Religious Exemption	0%	0%
No Certificate on File	5.0%	1.3%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Washington County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	94.4	70	94.4	95.0	Not Met
3+	Polio	94.4	71	94.7	-----	Not Met
3+	Hep B	94.4	66	94.1	-----	Not Met
2	MMR	93.3	63	92.7	94.7	Not Met
2	Varicella	92.2	71	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	83.3	73	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	79.5	80	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	97.4	84	97.4	-----	(95%) Met
2	MMR	96.2	96	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	90.4	63	88.8	78.5 (±1.3)	(90%) Met



Wayne County

234 Children in Kindergarten

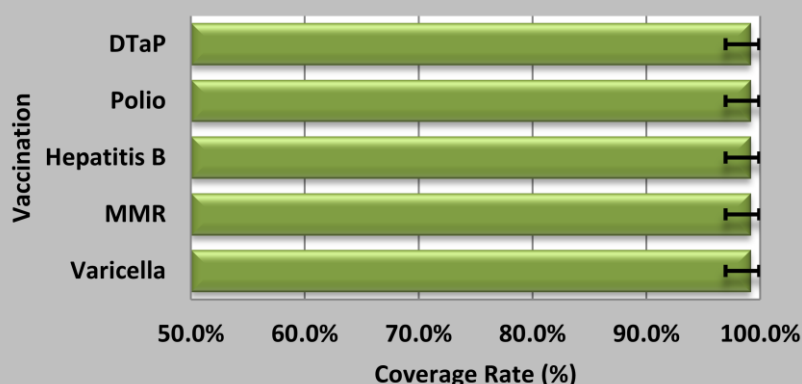
265 Children in Sixth Grade



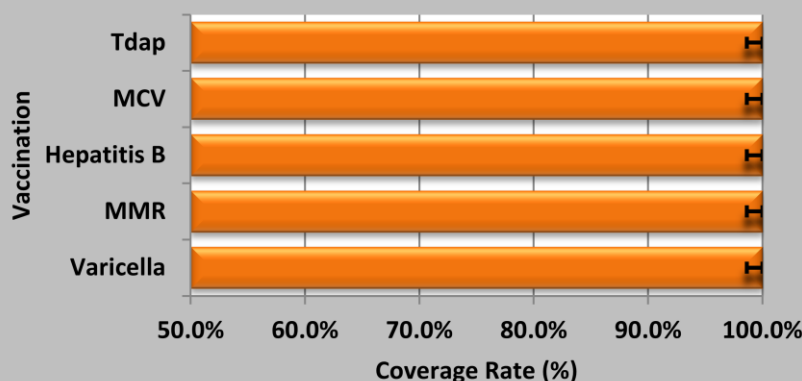
Percentage of Certificates and Exemptions
on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	98.7%	99.6%
Medical Exemption	0.4%	0.4%
Religious Exemption	0.9%	0%
No Certificate on File	0%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Wayne County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	99.1	10	94.4	95.0	Met
3+	Polio	99.1	14	94.7	-----	Met
3+	Hep B	99.1	13	94.1	-----	Met
2	MMR	99.1	7	92.7	94.7	Met
2	Varicella	99.1	9	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	100	1	84.5	86.0 (±0.9)	(80%) Met
1	MCV	100	1	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	100	1	97.4	-----	(95%) Met
2	MMR	100	1	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	100	1	88.8	78.5 (±1.3)	(90%) Met



Webster County

184 Children in Kindergarten

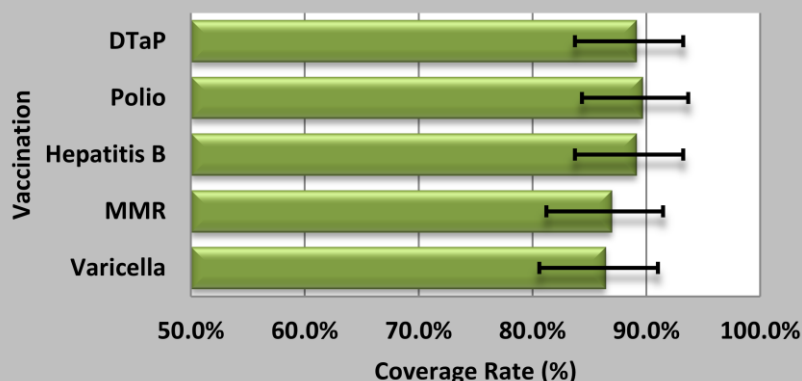
175 Children in Sixth Grade



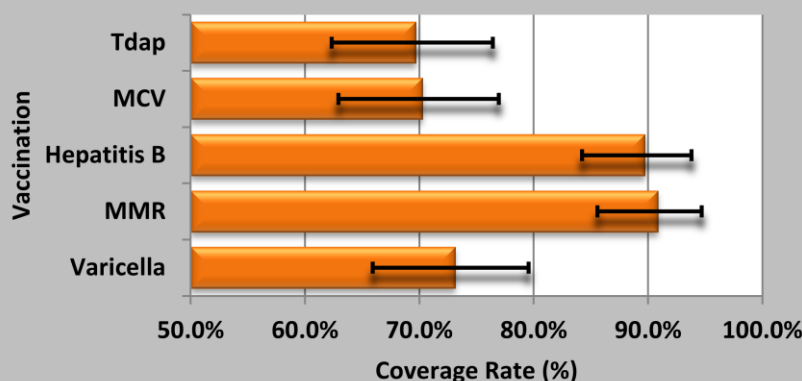
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	89.7%	91.4%
Medical Exemption	0%	0%
Religious Exemption	0.5%	0%
No Certificate on File	9.8%	8.6%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Webster County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	89.1	99	94.4	95.0	Not Met
3+	Polio	89.7	96	94.7	-----	Not Met
3+	Hep B	89.1	101	94.1	-----	Not Met
2	MMR	87.0	93	92.7	94.7	Not Met
2	Varicella	86.4	97	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	69.7	98	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	70.3	97	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	89.7	118	97.4	-----	(95%) Not Met
2	MMR	90.9	119	97.7	91.8 (±0.8)	(95%) Not Met
2	Varicella	73.1	103	88.8	78.5 (±1.3)	(90%) Not Met



Whitley County

569 Children in Kindergarten

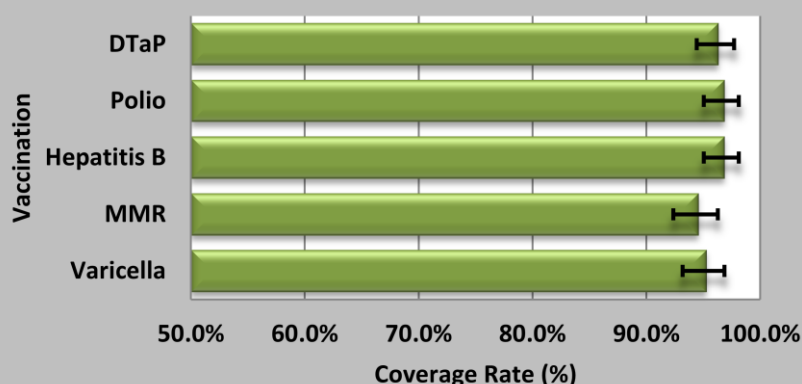
614 Children in Sixth Grade



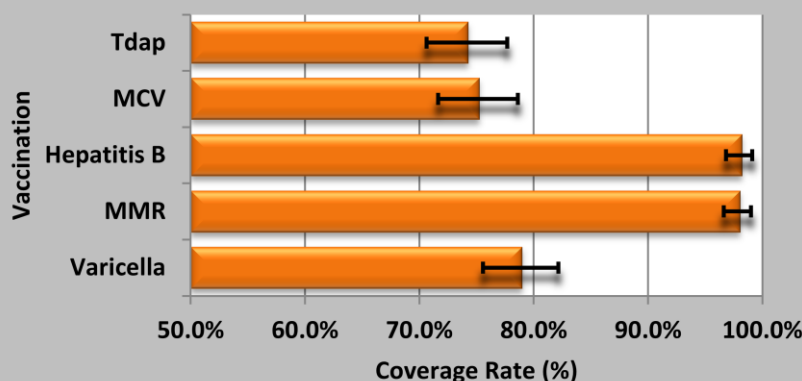
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.2%	97.7%
Medical Exemption	0%	0.2%
Religious Exemption	1.1%	1.0%
No Certificate on File	1.8%	1.1%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Whitley County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal ^{**}
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	96.3	56	94.4	95.0	Met
3+	Polio	96.8	54	94.7	-----	Met
3+	Hep B	96.8	51	94.1	-----	Met
2	MMR	94.6	59	92.7	94.7	Not Met
2	Varicella	95.3	45	92.3	93.3	Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	74.3	94	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	75.2	90	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.2	68	97.4	-----	(95%) Met
2	MMR	98.0	69	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	79.0	96	88.8	78.5 (±1.3)	(90%) Not Met



Wolfe County

97 Children in Kindergarten

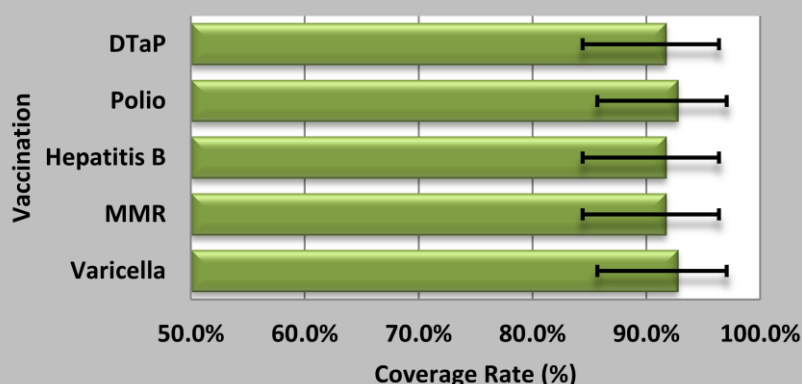
91 Children in Sixth Grade



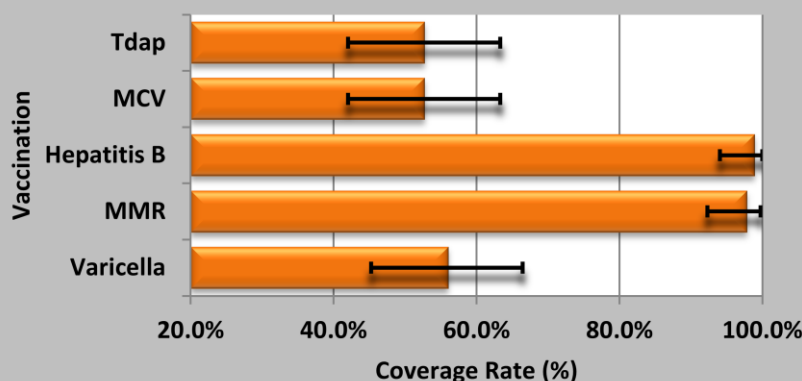
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	93.8%	100%
Medical Exemption	0%	0%
Religious Exemption	0%	0%
No Certificate on File	6.2%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Wolfe County	County Rank	KY Average	US Average ^{*,†}	HP 2020 Goal [‡]
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	91.8%	87	94.4	95.0	Not Met
3+	Polio	92.8%	83	94.7	-----	Not Met
3+	Hep B	91.8%	86	94.1	-----	Not Met
2	MMR	91.8%	78	92.7	94.7	Not Met
2	Varicella	92.8%	68	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	52.7	114	84.5	86.0 (±0.9)	(80%) Not Met
1	MCV	52.7	114	83.1	77.8 (±1.1)	(80%) Not Met
3+	Hep B	98.9	43	97.4	-----	(95%) Met
2	MMR	97.8	71	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	56.0	117	88.8	78.5 (±1.3)	(90%) Not Met



Woodford County

321 Children in Kindergarten

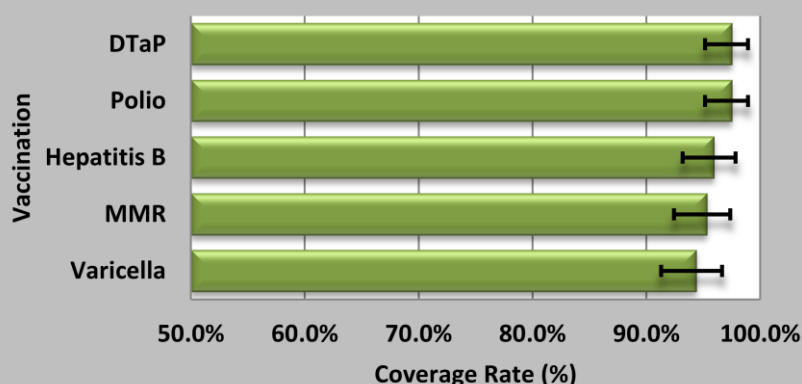
357 Children in Sixth Grade



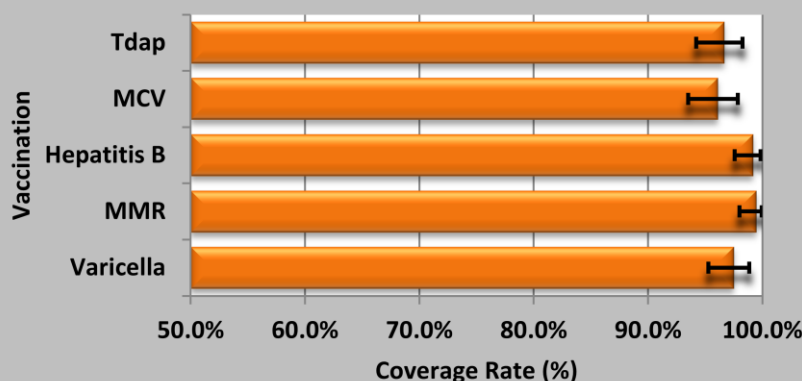
Percentage of Certificates and Exemptions on File for Kindergarten and Sixth Grade

	Kindergarten	Sixth Grade
Current Certificate	97.2%	99.4%
Medical Exemption	0.3%	0.3%
Religious Exemption	2.2%	0.3%
No Certificate on File	0.3%	0%

School Entry Vaccination Coverage Levels for Kindergarten (95% CI)



School Entry Vaccination Coverage Levels for Sixth Grade (95% CI)



Age-Specific Group: Vaccines and Doses		Woodford County	County Rank	KY Average	US Average*,†	HP 2020 Goal**
Kindergarten						
Doses	Antigen	%		%	%	95.0%
4+	DTaP	97.5	36	94.4	95.0	Met
3+	Polio	97.5	43	94.7	-----	Met
3+	Hep B	96.0	57	94.1	-----	Met
2	MMR	95.3	51	92.7	94.7	Met
2	Varicella	94.4	56	92.3	93.3	Not Met
Sixth Grade						
Doses	Antigen	%		%	%	% Varies
1	Tdap	96.6	26	84.5	86.0 (±0.9)	(80%) Met
1	MCV	96.1	25	83.1	77.8 (±1.1)	(80%) Met
3+	Hep B	99.2	35	97.4	-----	(95%) Met
2	MMR	99.4	25	97.7	91.8 (±0.8)	(95%) Met
2	Varicella	97.5	21	88.8	78.5 (±1.3)	(90%) Met

APPENDIX C

2014-2015 ANNUAL SCHOOL IMMUNIZATION SURVEY—

Area Development District (ADD) Profiles

About Immunization Coverage

Appendix C: Area Development District (ADD) Profiles

Each of these age-specific reports for both Kindergarten (Appendix C-1) and Sixth Grade (Appendix C-2) provides the aggregate totals of immunization certificate types (i.e., Current, Medical or Religious Exemptions, and Missing) and age appropriate immunizations reported for each Area Development District (ADD) by county, as part of the County Profiles (Appendix B).

This report also lists a report for each district or independent health department in the ADD, under each of the county totals/coverage rates, with coverage rates (percentage) for each certificate type and age-appropriate vaccinations. Children having the minimum number of doses for each immunization, as reported by each school, were considered compliant.

Several objectives for Immunizations are defined by Healthy People 2020 (HP 2020), <http://www.healthypeople.gov/2020/topics-objectives/topic/immunization-and-infectious-diseases>. The attainment of age-appropriate target measures for these Objectives is used annually by the Kentucky Immunization Program to identify schools that have been successful with vaccination compliance for school age children in the survey year.


The age-appropriate HP 2020 target measures are assessed in school, as follows:

Kindergarten:

- Greater than 95% for 4+ DTaP, 3+ Polio, 3+ HepB, 2 MMR, and 2 Varicella;

Sixth Grade:

- Greater than 95% for 3+ HepB and 2 MMR,
- Greater than 90% for 2 Varicella, and
- Greater than 80% for 1 Tdap and 1 MCV

If any of the age-appropriate HP 2020 target measures were not met at a school, the cell in the corresponding vaccine (COLUMN) for a given school (ROW) has been highlighted red  .

2014-2015 Annual School Immunization Survey--Kindergarten Results, by ADD

APPENDIX C-1

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District I Purchase		2,324	2,228 95.9%	7 0.3%	27 1.2%	62 2.7%	2,226 95.8%	2,226 95.8%	2,225 95.7%	2,182 93.9%	2,178 93.7%
District 01 Purchase	Ballard	92	92 100.0%	0 0.0%	0 0.0%	0 0.0%	90 97.8%	91 98.9%	92 100.0%	90 97.8%	90 97.8%
District 01 Purchase	Carlisle	67	62 92.5%	0 0.0%	3 4.5%	2 3.0%	61 91.0%	61 91.0%	60 89.6%	59 88.1%	58 86.6%
District 01 Purchase	Fulton	87	87 100.0%	0 0.0%	0 0.0%	0 0.0%	86 98.9%	86 98.9%	87 100.0%	86 98.9%	85 97.7%
District 01 Purchase	Hickman	52	51 98.1%	0 0.0%	0 0.0%	1 1.9%	52 100.0%	52 100.0%	52 100.0%	50 96.2%	48 92.3%
District 01 Purchase	McCracken	672	642 95.5%	0 0.0%	7 1.0%	23 3.4%	635 94.5%	633 94.2%	634 94.3%	606 90.2%	609 90.6%
Independent	Calloway	415	403 97.1%	2 0.5%	9 2.2%	1 0.2%	405 97.6%	406 97.8%	406 97.8%	404 97.3%	402 96.9%
Independent	Graves	532	516 97.0%	4 0.8%	6 1.1%	6 1.1%	515 96.8%	515 96.8%	512 96.2%	508 95.5%	505 94.9%
Independent	Marshall	407	375 92.1%	1 0.2%	2 0.5%	29 7.1%	382 93.9%	382 93.9%	382 93.9%	379 93.1%	381 93.6%

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County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District II Pennyriple		2,500	2,342 93.7%	3 0.1%	13 0.5%	142 5.7%	2,328 93.1%	2,339 93.6%	2,317 92.7%	2,291 91.6%	2,269 90.8%
District 02 Pennyriple	Caldwell	144	139 96.5%	0 0.0%	2 1.4%	3 2.1%	139 96.5%	139 96.5%	136 94.4%	139 96.5%	134 93.1%
District 02 Pennyriple	Crittenden	104	94 90.4%	0 0.0%	0 0.0%	10 9.6%	93 89.4%	93 89.4%	92 88.5%	91 87.5%	91 87.5%
District 02 Pennyriple	Livingston	97	85 87.6%	0 0.0%	0 0.0%	12 12.4%	85 87.6%	85 87.6%	84 86.6%	80 82.5%	77 79.4%
District 02 Pennyriple	Lyon	74	73 98.6%	0 0.0%	0 0.0%	1 1.4%	73 98.6%	73 98.6%	70 94.6%	70 94.6%	69 93.2%
District 02 Pennyriple	Trigg	142	132 93.0%	0 0.0%	1 0.7%	9 6.3%	131 92.3%	132 93.0%	130 91.5%	131 92.3%	130 91.5%
Independent	Christian	831	784 94.3%	1 0.1%	1 0.1%	45 5.4%	777 93.5%	782 94.1%	779 93.7%	764 91.9%	757 91.1%
Independent	Hopkins	604	592 98.0%	1 0.2%	6 1.0%	5 0.8%	588 97.4%	593 98.2%	594 98.3%	588 97.4%	587 97.2%
Independent	Muhlenberg	355	329 92.7%	0 0.0%	3 0.8%	23 6.5%	329 92.7%	328 92.4%	322 90.7%	321 90.4%	318 89.6%
Independent	Todd	149	114 76.5%	1 0.7%	0 0.0%	34 22.8%	113 75.8%	114 76.5%	110 73.8%	107 71.8%	106 71.1%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District III Green River		2,864	2,718 94.9%	3 0.1%	9 0.3%	134 4.7%	2,700 94.3%	2,712 94.7%	2,695 94.1%	2,651 92.6%	2,628 91.8%
District 03 Green River	Daviess	1,313	1232 93.8%	2 0.2%	1 0.1%	78 5.9%	1228 93.5%	1231 93.8%	1222 93.1%	1198 91.2%	1174 89.4%
District 03 Green River	Hancock	102	102 100.0%	0 0.0%	0 0.0%	0 0.0%	101 99.0%	102 100.0%	102 100.0%	101 99.0%	102 100.0%
District 03 Green River	Henderson	627	618 98.6%	1 0.2%	1 0.2%	7 1.1%	613 97.8%	616 98.2%	613 97.8%	611 97.4%	611 97.4%
District 03 Green River	McLean	119	116 97.5%	0 0.0%	3 2.5%	0 0.0%	115 96.6%	116 97.5%	115 96.6%	112 94.1%	113 95.0%
District 03 Green River	Ohio	335	302 90.1%	0 0.0%	2 0.6%	31 9.3%	296 88.4%	298 89.0%	298 89.0%	286 85.4%	286 85.4%
District 03 Green River	Union	184	183 99.5%	0 0.0%	1 0.5%	0 0.0%	183 99.5%	184 100.0%	181 98.4%	183 99.5%	183 99.5%
District 03 Green River	Webster	184	165 89.7%	0 0.0%	1 0.5%	18 9.8%	164 89.1%	165 89.7%	164 89.1%	160 87.0%	159 86.4%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District IV Barren River		3,584	3,450 96.3%	6 0.2%	26 0.7%	102 2.8%	3,405 95.0%	3,414 95.3%	3,396 94.8%	3,383 94.4%	3,362 93.8%
District 04 Barren River	Barren	651	632 97.1%	3 0.5%	5 0.8%	11 1.7%	628 96.5%	630 96.8%	632 97.1%	621 95.4%	620 95.2%
District 04 Barren River	Butler	176	167 94.9%	0 0.0%	1 0.6%	8 4.5%	166 94.3%	167 94.9%	163 92.6%	158 89.8%	156 88.6%
District 04 Barren River	Edmonson	148	147 99.3%	0 0.0%	0 0.0%	1 0.7%	147 99.3%	148 100.0%	145 98.0%	147 99.3%	147 99.3%
District 04 Barren River	Hart	186	186 100.0%	0 0.0%	0 0.0%	0 0.0%	182 97.8%	185 99.5%	183 98.4%	182 97.8%	180 96.8%
District 04 Barren River	Logan	311	271 87.1%	1 0.3%	3 1.0%	36 11.6%	262 84.2%	264 84.9%	268 86.2%	261 83.9%	257 82.6%
District 04 Barren River	Metcalfe	135	121 89.6%	0 0.0%	1 0.7%	13 9.6%	121 89.6%	121 89.6%	121 89.6%	121 89.6%	115 85.2%
District 04 Barren River	Simpson	213	211 99.1%	1 0.5%	1 0.5%	0 0.0%	210 98.6%	211 99.1%	210 98.6%	206 96.7%	208 97.7%
District 04 Barren River	Warren	1,361	1324 97.3%	1 0.1%	15 1.1%	21 1.5%	1300 95.5%	1298 95.4%	1283 94.3%	1296 95.2%	1290 94.8%
Independent	Allen	250	248 99.2%	0 0.0%	0 0.0%	2 0.8%	246 98.4%	248 99.2%	249 99.6%	249 99.6%	247 98.8%
Independent	Monroe	153	143 93.5%	0 0.0%	0 0.0%	10 6.5%	143 93.5%	142 92.8%	142 92.8%	142 92.8%	142 92.8%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District V Lincoln Trail		3,104	2,868 92.4%	7 0.2%	17 0.5%	212 6.8%	2,853 91.9%	2,863 92.2%	2,845 91.7%	2,792 89.9%	2,788 89.8%
District 05 Lincoln Trail	Hardin	992	892 89.9%	2 0.2%	8 0.8%	90 9.1%	880 88.7%	885 89.2%	874 88.1%	852 85.9%	849 85.6%
District V Lincoln Trail	Larue	171	155 90.6%	0 0.0%	0 0.0%	16 9.4%	149 87.1%	150 87.7%	149 87.1%	147 86.0%	146 85.4%
District 05 Lincoln Trail	Marion	285	280 98.2%	1 0.4%	4 1.4%	0 0.0%	281 98.6%	281 98.6%	281 98.6%	275 96.5%	281 98.6%
District 05 Lincoln Trail	Meade	350	348 99.4%	0 0.0%	2 0.6%	0 0.0%	347 99.1%	347 99.1%	347 99.1%	348 99.4%	348 99.4%
District 05 Lincoln Trail	Nelson	568	479 84.3%	2 0.4%	1 0.2%	86 15.1%	482 84.9%	486 85.6%	484 85.2%	466 82.0%	465 81.9%
District 05 Lincoln Trail	Washington	179	170 95.0%	0 0.0%	0 0.0%	9 5.0%	169 94.4%	169 94.4%	169 94.4%	167 93.3%	165 92.2%
Independent	Breckinridge	258	244 94.6%	2 0.8%	2 0.8%	10 3.9%	245 95.0%	245 95.0%	243 94.2%	239 92.6%	236 91.5%
Independent	Grayson	301	300 99.7%	0 0.0%	0 0.0%	1 0.3%	300 99.7%	300 99.7%	298 99.0%	298 99.0%	298 99.0%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District VI KIPDA		12,633	12,042 95.3%	21 0.2%	85 0.7%	485 3.8%	11,939 94.5%	11,989 94.9%	11,898 94.2%	11,753 93.0%	11,671 92.4%
District 06 North Central	Henry	203	199 98.0%	0 0.0%	2 1.0%	2 1.0%	199 98.0%	199 98.0%	199 98.0%	198 97.5%	198 97.5%
District 06 North Central	Shelby	547	523 95.6%	0 0.0%	2 0.4%	22 4.0%	516 94.3%	515 94.1%	513 93.8%	506 92.5%	497 90.9%
District 06 North Central	Spencer	195	192 98.5%	0 0.0%	2 1.0%	1 0.5%	193 99.0%	193 99.0%	193 99.0%	191 97.9%	192 98.5%
District 06 North Central	Trimble	124	115 92.7%	0 0.0%	0 0.0%	9 7.3%	113 91.1%	115 92.7%	114 91.9%	106 85.5%	105 84.7%
Independent	Bullitt	990	947 95.7%	2 0.2%	3 0.3%	38 3.8%	940 94.9%	941 95.1%	938 94.7%	923 93.2%	924 93.3%
Independent	Jefferson	9,758	9,268 95.0%	14 0.1%	64 0.7%	412 4.2%	9,179 94.1%	9,227 94.6%	9,148 93.7%	9,037 92.6%	8,965 91.9%
Independent	Oldham	816	798 97.8%	5 0.6%	12 1.5%	1 0.1%	799 97.9%	799 97.9%	793 97.2%	792 97.1%	790 96.8%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District VII Northern Kentucky		6,114	5,968 97.6%	16 0.3%	66 1.1%	64 1.0%	5,907 96.6%	5,929 97.0%	5,948 97.3%	5,884 96.2%	5,851 95.7%
District 07A Subtotal		5,489	5,372 97.9%	15 0.3%	63 1.1%	39 0.7%	5,334 97.2%	5,351 97.5%	5,360 97.6%	5,314 96.8%	5,289 96.4%
District 07A Northern Kentucky	Boone	1,780	1,742 97.9%	5 0.3%	28 1.6%	5 0.3%	1,734 97.4%	1,743 97.9%	1,742 97.9%	1,737 97.6%	1,727 97.0%
District 07A Northern Kentucky	Campbell	976	952 97.5%	4 0.4%	9 0.9%	11 1.1%	948 97.1%	949 97.2%	955 97.8%	949 97.2%	947 97.0%
District 07A Northern Kentucky	Grant	375	364 97.1%	1 0.3%	2 0.5%	8 2.1%	358 95.5%	365 97.3%	360 96.0%	357 95.2%	355 94.7%
District 07A Northern Kentucky	Kenton	2,358	2,314 98.1%	5 0.2%	24 1.0%	15 0.6%	2,294 97.3%	2,294 97.3%	2,303 97.7%	2,271 96.3%	2,260 95.8%
District 07B Subtotal		625	596 95.4%	1 0.2%	3 0.5%	25 4.0%	573 91.7%	578 92.5%	588 94.1%	570 91.2%	562 89.9%
District 07B Three Rivers	Carroll	190	173 91.1%	0 0.0%	0 0.0%	17 8.9%	165 86.8%	164 86.3%	171 90.0%	162 85.3%	156 82.1%
District 07B Three Rivers	Gallatin	118	111 94.1%	0 0.0%	0 0.0%	7 5.9%	100 84.7%	105 89.0%	108 91.5%	101 85.6%	102 86.4%
District 07B Three Rivers	Owen	135	132 97.8%	1 0.7%	1 0.7%	1 0.7%	129 95.6%	130 96.3%	129 95.6%	131 97.0%	129 95.6%
District 07B Three Rivers	Pendleton	182	180 98.9%	0 0.0%	2 1.1%	0 0.0%	179 98.4%	179 98.4%	180 98.9%	176 96.7%	175 96.2%

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Kentucky (Total)		56,238	53,572	113	369	2,184	53,083	53,240	52,948	52,151	51,898
			95.3%	0.2%	0.7%	3.9%	94.4%	94.7%	94.1%	92.7%	92.3%
District VIII Buffalo Trace		764	722	2	1	39	726	723	723	697	692
			94.5%	0.3%	0.1%	5.1%	95.0%	94.6%	94.6%	91.2%	90.6%
District 08 Buffalo Trace	Mason	219	193	0	0	26	193	193	189	172	171
			88.1%	0.0%	0.0%	11.9%	88.1%	88.1%	86.3%	78.5%	78.1%
District 08 Buffalo Trace	Robertson	19	19	0	0	0	19	19	18	19	19
			100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	94.7%	100.0%	100.0%
Independent	Bracken	136	123	1	0	12	129	125	129	125	122
			90.4%	0.7%	0.0%	8.8%	94.9%	91.9%	94.9%	91.9%	89.7%
Independent	Fleming	199	198	1	0	0	197	197	198	196	196
			99.5%	0.5%	0.0%	0.0%	99.0%	99.0%	99.5%	98.5%	98.5%
Independent	Lewis	191	189	0	1	1	188	189	189	185	184
			99.0%	0.0%	0.5%	0.5%	98.4%	99.0%	99.0%	96.9%	96.3%

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Kentucky (Total)		56,238	53,572	113	369	2,184	53,083	53,240	52,948	52,151	51,898
			95.3%	0.2%	0.7%	3.9%	94.4%	94.7%	94.1%	92.7%	92.3%
District IX Gateway		1,114	1,045	1	4	64	1,019	1,022	1,028	994	994
			93.8%	0.1%	0.4%	5.7%	91.5%	91.7%	92.3%	89.2%	89.2%
District 09 Gateway	Bath	173	160	0	0	13	160	160	155	149	151
			92.5%	0.0%	0.0%	7.5%	92.5%	92.5%	89.6%	86.1%	87.3%
District 09 Gateway	Menifee	81	81	0	0	0	81	81	81	81	81
			100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
District 09 Gateway	Morgan	158	155	0	0	3	155	155	155	151	150
			98.1%	0.0%	0.0%	1.9%	98.1%	98.1%	98.1%	95.6%	94.9%
District 09 Gateway	Rowan	280	264	0	1	15	261	263	265	254	253
			94.3%	0.0%	0.4%	5.4%	93.2%	93.9%	94.6%	90.7%	90.4%
Independent	Montgomery	422	385	1	3	33	362	363	372	359	359
			91.2%	0.2%	0.7%	7.8%	85.8%	86.0%	88.2%	85.1%	85.1%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District X FIVCO		1,764	1,708 96.8%	5 0.3%	3 0.2%	48 2.7%	1,689 95.7%	1,707 96.8%	1,693 96.0%	1,650 93.5%	1,637 92.8%
District 10 Little Sandy	Carter	347	337 97.1%	2 0.6%	0 0.0%	8 2.3%	335 96.5%	338 97.4%	337 97.1%	323 93.1%	320 92.2%
District 10 Little Sandy	Elliott	99	94 94.9%	0 0.0%	0 0.0%	5 5.1%	94 94.9%	94 94.9%	92 92.9%	93 93.9%	93 93.9%
Independent	Boyd	574	547 95.3%	2 0.3%	0 0.0%	25 4.4%	539 93.9%	546 95.1%	539 93.9%	524 91.3%	518 90.2%
Independent	Greenup	495	485 98.0%	1 0.2%	3 0.6%	6 1.2%	481 97.2%	485 98.0%	480 97.0%	473 95.6%	469 94.7%
Independent	Lawrence	249	245 98.4%	0 0.0%	0 0.0%	4 1.6%	240 96.4%	244 98.0%	245 98.4%	237 95.2%	237 95.2%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District XI Big Sandy		2,027	1,955 96.4%	5 0.2%	2 0.1%	65 3.2%	1,945 96.0%	1,945 96.0%	1,953 96.3%	1,921 94.8%	1,919 94.7%
Independent	Floyd	573	569 99.3%	1 0.2%	0 0.0%	3 0.5%	567 99.0%	566 98.8%	569 99.3%	563 98.3%	563 98.3%
Independent	Johnson	320	276 86.3%	1 0.3%	1 0.3%	42 13.1%	273 85.3%	267 83.4%	274 85.6%	267 83.4%	266 83.1%
Independent	Magoffin	173	156 90.2%	1 0.6%	1 0.6%	15 8.7%	157 90.8%	159 91.9%	159 91.9%	149 86.1%	148 85.5%
Independent	Martin	165	162 98.2%	2 1.2%	0 0.0%	1 0.6%	164 99.4%	164 99.4%	164 99.4%	162 98.2%	164 99.4%
Independent	Pike	796	792 99.5%	0 0.0%	0 0.0%	4 0.5%	784 98.5%	789 99.1%	787 98.9%	780 98.0%	778 97.7%

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Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District XII Kentucky River		1,480	1,402 94.7%	6 0.4%	3 0.2%	69 4.7%	1,383 93.4%	1,390 93.9%	1,392 94.1%	1,347 91.0%	1,361 92.0%
District 12 Kentucky River	Knott	218	200 91.7%	0 0.0%	2 0.9%	16 7.3%	200 91.7%	200 91.7%	198 90.8%	199 91.3%	197 90.4%
District 12 Kentucky River	Lee	86	81 94.2%	0 0.0%	0 0.0%	5 5.8%	79 91.9%	80 93.0%	79 91.9%	79 91.9%	79 91.9%
District 12 Kentucky River	Leslie	148	145 98.0%	0 0.0%	0 0.0%	3 2.0%	141 95.3%	144 97.3%	144 97.3%	137 92.6%	139 93.9%
District 12 Kentucky River	Letcher	296	286 96.6%	3 1.0%	1 0.3%	6 2.0%	287 97.0%	288 97.3%	288 97.3%	286 96.6%	285 96.3%
District 12 Kentucky River	Owsley	65	62 95.4%	1 1.5%	0 0.0%	2 3.1%	63 96.9%	61 93.8%	63 96.9%	56 86.2%	62 95.4%
District 12 Kentucky River	Perry	401	384 95.8%	2 0.5%	0 0.0%	15 3.7%	380 94.8%	383 95.5%	379 94.5%	370 92.3%	377 94.0%
District 12 Kentucky River	Wolfe	97	91 93.8%	0 0.0%	0 0.0%	6 6.2%	89 91.8%	90 92.8%	89 91.8%	89 91.8%	90 92.8%
Independent	Breathitt	169	153 90.5%	0 0.0%	0 0.0%	16 9.5%	144 85.2%	144 85.2%	152 89.9%	131 77.5%	132 78.1%

2014-2015 Annual School Immunization Survey--Kindergarten Results, by ADD

APPENDIX C-1

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District XIII Cumberland Valley		3,321	3,000 90.3%	5 0.2%	15 0.5%	301 9.1%	2,975 89.6%	2,990 90.0%	2,945 88.7%	2,893 87.1%	2,891 87.1%
District 13 Cumberland Valley	Clay	338	318 94.1%	0 0.0%	0 0.0%	20 5.9%	318 94.1%	317 93.8%	310 91.7%	309 91.4%	308 91.1%
District 13 Cumberland Valley	Jackson	193	190 98.4%	0 0.0%	3 1.6%	0 0.0%	189 97.9%	188 97.4%	187 96.9%	189 97.9%	188 97.4%
District 13 Cumberland Valley	Rockcastle	213	208 97.7%	0 0.0%	2 0.9%	3 1.4%	206 96.7%	207 97.2%	207 97.2%	204 95.8%	204 95.8%
Independent	Bell	386	349 90.4%	2 0.5%	0 0.0%	35 9.1%	349 90.4%	349 90.4%	349 90.4%	324 83.9%	327 84.7%
Independent	Harlan	370	310 83.8%	0 0.0%	0 0.0%	60 16.2%	304 82.2%	308 83.2%	307 83.0%	292 78.9%	292 78.9%
Independent	Knox	438	361 82.4%	1 0.2%	2 0.5%	74 16.9%	356 81.3%	358 81.7%	346 79.0%	347 79.2%	345 78.8%
Independent	Laurel	814	711 87.3%	2 0.2%	2 0.2%	99 12.2%	705 86.6%	712 87.5%	688 84.5%	690 84.8%	685 84.2%
Independent	Whitley	569	553 97.2%	0 0.0%	6 1.1%	10 1.8%	548 96.3%	551 96.8%	551 96.8%	538 94.6%	542 95.3%

2014-2015 Annual School Immunization Survey--Kindergarten Results, by ADD

APPENDIX C-1

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District XIV Lake Cumberland		2,640	2,584 97.9%	8 0.3%	18 0.7%	30 1.1%	2,556 96.8%	2,551 96.6%	2,579 97.7%	2,556 96.8%	2,557 96.9%
District 14 Lake Cumberland	Adair	201	201 100.0%	0 0.0%	0 0.0%	0 0.0%	192 95.5%	201 100.0%	200 99.5%	198 98.5%	197 98.0%
District 14 Lake Cumberland	Casey	184	168 91.3%	0 0.0%	2 1.1%	14 7.6%	168 91.3%	168 91.3%	167 90.8%	164 89.1%	167 90.8%
District 14 Lake Cumberland	Clinton	150	148 98.7%	0 0.0%	2 1.3%	0 0.0%	144 96.0%	148 98.7%	148 98.7%	147 98.0%	148 98.7%
District 14 Lake Cumberland	Cumberland	78	76 97.4%	1 1.3%	0 0.0%	1 1.3%	77 98.7%	77 98.7%	77 98.7%	76 97.4%	76 97.4%
District 14 Lake Cumberland	Green	153	146 95.4%	2 1.3%	1 0.7%	4 2.6%	145 94.8%	145 94.8%	143 93.5%	145 94.8%	144 94.1%
District 14 Lake Cumberland	McCreary	210	208 99.0%	0 0.0%	1 0.5%	1 0.5%	207 98.6%	207 98.6%	208 99.0%	202 96.2%	203 96.7%
District 14 Lake Cumberland	Pulaski	831	817 98.3%	3 0.4%	7 0.8%	4 0.5%	818 98.4%	821 98.8%	819 98.6%	811 97.6%	806 97.0%
District 14 Lake Cumberland	Russell	272	270 99.3%	1 0.4%	1 0.4%	0 0.0%	271 99.6%	271 99.6%	270 99.3%	269 98.9%	267 98.2%
District 14 Lake Cumberland	Taylor	327	319 97.6%	0 0.0%	2 0.6%	6 1.8%	302 92.4%	281 85.9%	315 96.3%	312 95.4%	317 96.9%
District 14 Lake Cumberland	Wayne	234	231 98.7%	1 0.4%	2 0.9%	0 0.0%	232 99.1%	232 99.1%	232 99.1%	232 99.1%	232 99.1%

2014-2015 Annual School Immunization Survey--Kindergarten Results, by ADD

APPENDIX C-1

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District XV Bluegrass		9,878	9,540 96.6%	18 0.2%	80 0.8%	367 3.7%	9,432 95.5%	9,440 95.6%	9,311 94.3%	9,157 92.7%	9,100 92.1%
Bluegrass Capital Region Subtotal		3,219	2,990 92.9%	3 0.1%	36 1.1%	190 5.9%	2,942 91.4%	2,967 92.2%	2,923 90.8%	2,785 86.5%	2,758 85.7%
District 15 WEDCO	Harrison	235	209 88.9%	0 0.0%	0 0.0%	26 11.1%	206 87.7%	208 88.5%	207 88.1%	193 82.1%	200 85.1%
District 15 WEDCO	Nicholas	95	95 100.0%	0 0.0%	0 0.0%	0 0.0%	92 96.8%	94 98.9%	93 97.9%	90 94.7%	90 94.7%
District 15 WEDCO	Scott	733	655 89.4%	2 0.3%	9 1.2%	67 9.1%	651 88.8%	654 89.2%	636 86.8%	633 86.4%	653 89.1%
Independent	Anderson	288	278 96.5%	0 0.0%	4 1.4%	6 2.1%	280 97.2%	276 95.8%	278 96.5%	272 94.4%	269 93.4%
Independent	Bourbon	266	261 98.1%	0 0.0%	1 0.4%	4 1.5%	261 98.1%	261 98.1%	261 98.1%	256 96.2%	259 97.4%
Independent	Franklin	653	576 88.2%	0 0.0%	3 0.5%	74 11.3%	566 86.7%	568 87.0%	565 86.5%	450 68.9%	409 62.6%
Independent	Jessamine	628	604 96.2%	0 0.0%	12 1.9%	12 1.9%	573 91.2%	593 94.4%	575 91.6%	585 93.2%	575 91.6%
Independent	Woodford	321	312 97.2%	1 0.3%	7 2.2%	1 0.3%	313 97.5%	313 97.5%	308 96.0%	306 95.3%	303 94.4%

2014-2015 Annual School Immunization Survey--Kindergarten Results, by ADD

APPENDIX C-1

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)		56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
District XV Bluegrass		9,878	9,540 96.6%	18 0.2%	80 0.8%	367 3.7%	9,432 95.5%	9,440 95.6%	9,311 94.3%	9,157 92.7%	9,100 92.1%
Bluegrass South Region Subtotal		2,851	2,845 99.8%	6 0.2%	13 0.5%	114 4.0%	2,821 98.9%	2,824 99.1%	2,820 98.9%	2,765 97.0%	2,755 96.6%
Independent	Boyle	368	312 92.0%	0 0.0%	0 0.0%	27 8.0%	310 91.4%	311 91.7%	308 90.9%	309 91.2%	303 89.4%
Independent	Clark	444	437 93.8%	0 0.0%	1 0.2%	28 6.0%	434 93.1%	432 92.7%	433 92.9%	423 90.8%	420 90.1%
Independent	Estill	176	138 88.5%	0 0.0%	0 0.0%	18 11.5%	138 88.5%	138 88.5%	136 87.2%	128 82.1%	127 81.4%
Independent	Garrard	213	188 93.5%	2 1.0%	1 0.5%	10 5.0%	178 88.6%	181 90.0%	186 92.5%	173 86.1%	178 88.6%
Independent	Lincoln	284	306 98.1%	3 1.0%	2 0.6%	1 0.3%	304 97.4%	306 98.1%	305 97.8%	301 96.5%	301 96.5%
Independent	Madison	944	1,034 98.2%	1 0.1%	8 0.8%	10 0.9%	1,026 97.4%	1,026 97.4%	1,024 97.2%	1,007 95.6%	1,000 95.0%
Independent	Mercer	252	273 99.3%	0 0.0%	1 0.4%	1 0.4%	274 99.6%	273 99.3%	273 99.3%	272 98.9%	274 99.6%
Independent	Powell	170	157 89.2%	0 0.0%	0 0.0%	19 10.8%	157 89.2%	157 89.2%	155 88.1%	152 86.4%	152 86.4%

2014-2015 Annual School Immunization Survey--Kindergarten Results, by ADD

APPENDIX C-1

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)		56,238	53,572	113	369	2,184	53,083	53,240	52,948	52,151	51,898
			95.3%	0.2%	0.7%	3.9%	94.4%	94.7%	94.1%	92.7%	92.3%
District XV Bluegrass		9,878	9,540	18	80	367	9,432	9,440	9,311	9,157	9,100
			96.6%	0.2%	0.8%	3.7%	95.5%	95.6%	94.3%	92.7%	92.1%
Lexington-Fayette Region Subtotal		3,808	3,705	9	31	63	3,669	3,649	3,568	3,607	3,587
			97.3%	0.2%	0.8%	1.7%	96.3%	95.8%	93.7%	94.7%	94.2%
Independent	Fayette	3,808	3,705	9	31	63	3,669	3,649	3,568	3,607	3,587
			97.3%	0.2%	0.8%	1.7%	96.3%	95.8%	93.7%	94.7%	94.2%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District I Purchase		2,272	2,198 96.7%	9 0.4%	20 0.9%	45 2.0%	2,089 91.9%	2,079 91.5%	2,209 97.2%	2,203 97.0%	2,116 93.1%
District 01 Purchase	Ballard	105	104 99.0%	0 0.0%	1 1.0%	0 0.0%	103 98.1%	102 97.1%	105 100.0%	105 100.0%	102 97.1%
District 01 Purchase	Carlisle	58	55 94.8%	0 0.0%	1 1.7%	2 3.4%	55 94.8%	55 94.8%	56 96.6%	56 96.6%	52 89.7%
District 01 Purchase	Fulton	81	81 100.0%	0 0.0%	0 0.0%	0 0.0%	80 98.8%	80 98.8%	81 100.0%	81 100.0%	81 100.0%
District 01 Purchase	Hickman	44	44 100.0%	0 0.0%	0 0.0%	0 0.0%	40 90.9%	40 90.9%	44 100.0%	44 100.0%	40 90.9%
District 01 Purchase	McCracken	755	743 98.4%	2 0.3%	9 1.2%	1 0.1%	691 91.5%	688 91.1%	747 98.9%	745 98.7%	709 93.9%
Independent	Calloway	382	367 96.1%	2 0.5%	7 1.8%	6 1.6%	360 94.2%	359 94.0%	367 96.1%	367 96.1%	363 95.0%
Independent	Graves	459	429 93.5%	3 0.7%	1 0.2%	26 5.7%	389 84.7%	385 83.9%	428 93.2%	427 93.0%	401 87.4%
Independent	Marshall	388	375 96.6%	2 0.5%	1 0.3%	10 2.6%	371 95.6%	370 95.4%	381 98.2%	378 97.4%	368 94.8%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District II Pennyriple		2,404	2,355 98.0%	7 0.3%	7 0.3%	35 1.5%	1,989 82.7%	1,959 81.5%	2,360 98.2%	2,350 97.8%	2,116 88.0%
District 02 Pennyriple	Caldwell	152	152 100.0%	0 0.0%	0 0.0%	0 0.0%	143 94.1%	140 92.1%	150 98.7%	150 98.7%	131 86.2%
District 02 Pennyriple	Crittenden	106	102 96.2%	0 0.0%	0 0.0%	4 3.8%	99 93.4%	102 96.2%	105 99.1%	106 100.0%	102 96.2%
District 02 Pennyriple	Livingston	85	82 96.5%	0 0.0%	1 1.2%	2 2.4%	48 56.5%	47 55.3%	80 94.1%	81 95.3%	56 65.9%
District 02 Pennyriple	Lyon	65	64 98.5%	0 0.0%	0 0.0%	1 1.5%	53 81.5%	50 76.9%	64 98.5%	64 98.5%	52 80.0%
District 02 Pennyriple	Trigg	152	152 100.0%	0 0.0%	0 0.0%	0 0.0%	144 94.7%	141 92.8%	152 100.0%	152 100.0%	148 97.4%
Independent	Christian	778	762 97.9%	0 0.0%	1 0.1%	15 1.9%	583 74.9%	566 72.8%	771 99.1%	763 98.1%	674 86.6%
Independent	Hopkins	553	543 98.2%	3 0.5%	2 0.4%	5 0.9%	500 90.4%	500 90.4%	536 96.9%	534 96.6%	522 94.4%
Independent	Muhlenberg	360	352 97.8%	4 1.1%	3 0.8%	1 0.3%	313 86.9%	309 85.8%	356 98.9%	354 98.3%	312 86.7%
Independent	Todd	153	146 95.4%	0 0.0%	0 0.0%	7 4.6%	106 69.3%	104 68.0%	146 95.4%	146 95.4%	119 77.8%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District III Green River		2,730	2,663 97.5%	9 0.3%	13 0.5%	45 1.6%	2,430 89.0%	2,435 89.2%	2,676 98.0%	2,676 98.0%	2,468 90.4%
District 03 Green River	Daviess	1,263	1,238 98.0%	4 0.3%	4 0.3%	17 1.3%	1,175 93.0%	1,164 92.2%	1,251 99.0%	1,250 99.0%	1,179 93.3%
District 03 Green River	Hancock	125	121 96.8%	1 0.8%	3 2.4%	0 0.0%	121 96.8%	122 97.6%	124 99.2%	123 98.4%	120 96.0%
District 03 Green River	Henderson	559	553 98.9%	3 0.5%	1 0.2%	2 0.4%	504 90.2%	518 92.7%	556 99.5%	555 99.3%	522 93.4%
District 03 Green River	McLean	119	115 96.6%	0 0.0%	4 3.4%	0 0.0%	115 96.6%	115 96.6%	116 97.5%	116 97.5%	116 97.5%
District 03 Green River	Ohio	284	274 96.5%	0 0.0%	0 0.0%	10 3.5%	194 68.3%	191 67.3%	269 94.7%	270 95.1%	205 72.2%
District 03 Green River	Union	205	202 98.5%	1 0.5%	1 0.5%	1 0.5%	199 97.1%	202 98.5%	203 99.0%	203 99.0%	198 96.6%
District 03 Green River	Webster	175	160 91.4%	0 0.0%	0 0.0%	15 8.6%	122 69.7%	123 70.3%	157 89.7%	159 90.9%	128 73.1%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

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Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District IV Barren River		3,281	3,202 97.6%	32 1.0%	6 0.2%	41 1.2%	2,677 81.6%	2,583 78.7%	3,172 96.7%	3,179 96.9%	2,790 85.0%
District 04 Barren River	Barren	518	510 98.5%	2 0.4%	3 0.6%	3 0.6%	426 82.2%	425 82.0%	471 90.9%	472 91.1%	459 88.6%
District 04 Barren River	Butler	159	155 97.5%	1 0.6%	0 0.0%	3 1.9%	95 59.7%	92 57.9%	155 97.5%	154 96.9%	112 70.4%
District 04 Barren River	Edmonson	135	134 99.3%	0 0.0%	0 0.0%	1 0.7%	101 74.8%	100 74.1%	133 98.5%	133 98.5%	114 84.4%
District 04 Barren River	Hart	148	148 100.0%	0 0.0%	0 0.0%	0 0.0%	145 98.0%	143 96.6%	145 98.0%	148 100.0%	139 93.9%
District 04 Barren River	Logan	316	302 95.6%	4 1.3%	0 0.0%	10 3.2%	259 82.0%	255 80.7%	311 98.4%	312 98.7%	273 86.4%
District 04 Barren River	Metcalfe	115	115 100.0%	0 0.0%	0 0.0%	0 0.0%	95 82.6%	92 80.0%	113 98.3%	112 97.4%	103 89.6%
District 04 Barren River	Simpson	227	221 97.4%	1 0.4%	1 0.4%	4 1.8%	205 90.3%	197 86.8%	221 97.4%	220 96.9%	210 92.5%
District 04 Barren River	Warren	1,292	1,251 96.8%	23 1.8%	2 0.2%	16 1.2%	1,009 78.1%	955 73.9%	1,258 97.4%	1,261 97.6%	1,047 81.0%
Independent	Allen	239	235 98.3%	1 0.4%	0 0.0%	3 1.3%	232 97.1%	214 89.5%	233 97.5%	235 98.3%	225 94.1%
Independent	Monroe	132	131 99.2%	0 0.0%	0 0.0%	1 0.8%	110 83.3%	110 83.3%	132 100.0%	132 100.0%	108 81.8%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

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County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District V Lincoln Trail		3,279	3,077 93.8%	8 0.2%	16 0.5%	22 0.7%	2,708 82.6%	2,659 81.1%	3,063 93.4%	3,070 93.6%	2,879 87.8%
District 05 Lincoln Trail	Hardin	1,135	1,121 98.8%	2 0.2%	6 0.5%	6 0.5%	996 87.8%	945 83.3%	1,129 99.5%	1,121 98.8%	1,038 91.5%
District V Lincoln Trail	Larue	166	165 99.4%	1 0.6%	0 0.0%	0 0.0%	124 74.7%	124 74.7%	163 98.2%	163 98.2%	129 77.7%
District 05 Lincoln Trail	Marion	251	247 98.4%	0 0.0%	1 0.4%	3 1.2%	214 85.3%	220 87.6%	245 97.6%	245 97.6%	249 99.2%
District 05 Lincoln Trail	Meade	369	366 99.2%	2 0.5%	1 0.3%	0 0.0%	361 97.8%	361 97.8%	369 100.0%	369 100.0%	359 97.3%
District 05 Lincoln Trail	Nelson	618	600 97.1%	2 0.3%	4 0.6%	12 1.9%	452 73.1%	452 73.1%	577 93.4%	596 96.4%	538 87.1%
District 05 Lincoln Trail	Washington	156	152 97.4%	2 1.3%	0 0.0%	2 1.3%	130 83.3%	124 79.5%	152 97.4%	150 96.2%	141 90.4%
Independent	Breckinridge	261	257 98.5%	1 0.4%	3 1.1%	0 0.0%	249 95.4%	247 94.6%	259 99.2%	255 97.7%	249 95.4%
Independent	Grayson	323	321 99.4%	0 0.0%	1 0.3%	1 0.3%	312 96.6%	310 96.0%	321 99.4%	321 99.4%	317 98.1%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District VI KIPDA		12,576	12,334 98.1%	33 0.3%	76 0.6%	133 1.1%	11,122 88.4%	11,032 87.7%	12,368 98.3%	12,354 98.2%	11,795 93.8%
District 06 North Central	Henry	244	242 99.2%	1 0.4%	1 0.4%	0 0.0%	237 97.1%	238 97.5%	243 99.6%	242 99.2%	239 98.0%
District 06 North Central	Shelby	563	549 97.5%	5 0.9%	2 0.4%	7 1.2%	439 78.0%	432 76.7%	541 96.1%	546 97.0%	479 85.1%
District 06 North Central	Spencer	227	226 99.6%	1 0.4%	0 0.0%	0 0.0%	227 100.0%	227 100.0%	227 100.0%	226 99.6%	227 100.0%
District 06 North Central	Trimble	105	104 99.0%	1 1.0%	0 0.0%	0 0.0%	104 99.0%	105 100.0%	105 100.0%	105 100.0%	105 100.0%
Independent	Bullitt	1,079	1,064 98.6%	2 0.2%	5 0.5%	8 0.7%	852 79.0%	836 77.5%	1,062 98.4%	1,062 98.4%	950 88.0%
Independent	Jefferson	9,335	9,147 98.0%	21 0.2%	54 0.6%	113 1.2%	8,286 88.8%	8,218 88.0%	9,182 98.4%	9,167 98.2%	8,807 94.3%
Independent	Oldham	1,023	1,002 97.9%	2 0.2%	14 1.4%	5 0.5%	977 95.5%	976 95.4%	1,008 98.5%	1,006 98.3%	988 96.6%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District VII Northern Kentucky		5,988	5,854 97.8%	22 0.4%	41 0.7%	71 1.2%	5,597 93.5%	5,552 92.7%	5,914 98.8%	5,905 98.6%	5,704 95.3%
District 07A Subtotal		5,424	5,315 98.0%	21 0.4%	39 0.7%	49 0.9%	5,085 93.8%	5,039 92.9%	5,361 98.8%	5,356 98.7%	5,184 95.6%
District 07A Northern Kentucky	Boone	1,911	1,878 98.3%	8 0.4%	20 1.0%	5 0.3%	1,831 95.8%	1,818 95.1%	1,886 98.7%	1,883 98.5%	1,841 96.3%
District 07A Northern Kentucky	Campbell	1,026	1,006 98.1%	6 0.6%	5 0.5%	9 0.9%	971 94.6%	967 94.2%	1,015 98.9%	1,013 98.7%	986 96.1%
District 07A Northern Kentucky	Grant	339	329 97.1%	0 0.0%	1 0.3%	9 2.7%	263 77.6%	256 75.5%	326 96.2%	328 96.8%	294 86.7%
District 07A Northern Kentucky	Kenton	2,148	2,102 97.9%	7 0.3%	13 0.6%	26 1.2%	2,020 94.0%	1,998 93.0%	2,134 99.3%	2,132 99.3%	2,063 96.0%
District 07B Subtotal		564	539 95.6%	1 0.2%	2 0.4%	22 3.9%	512 90.8%	513 91.0%	553 98.0%	549 97.3%	520 92.2%
District 07B Three Rivers	Carroll	139	119 85.6%	0 0.0%	0 0.0%	20 14.4%	97 69.8%	97 69.8%	133 95.7%	131 94.2%	105 75.5%
District 07B Three Rivers	Gallatin	124	124 100.0%	0 0.0%	0 0.0%	0 0.0%	119 96.0%	119 96.0%	122 98.4%	122 98.4%	119 96.0%
District 07B Three Rivers	Owen	126	123 97.6%	0 0.0%	1 0.8%	2 1.6%	123 97.6%	123 97.6%	123 97.6%	123 97.6%	123 97.6%
District 07B Three Rivers	Pendleton	175	173 98.9%	1 0.6%	1 0.6%	0 0.0%	173 98.9%	174 99.4%	175 100.0%	173 98.9%	173 98.9%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District VIII Buffalo Trace		696	684	2	1	9	563	555	686	677	601
			98.3%	0.3%	0.1%	1.3%	80.9%	79.7%	98.6%	97.3%	86.4%
District 08 Buffalo Trace	Mason	202	196 97.0%	1 0.5%	0 0.0%	5 2.5%	95 47.0%	92 45.5%	196 97.0%	196 97.0%	131 64.9%
District 08 Buffalo Trace	Robertson	27	26 96.3%	0 0.0%	1 3.7%	0 0.0%	25 92.6%	26 96.3%	26 96.3%	26 96.3%	26 96.3%
Independent	Bracken	125	120 96.0%	1 0.8%	0 0.0%	4 3.2%	107 85.6%	103 82.4%	122 97.6%	113 90.4%	110 88.0%
Independent	Fleming	198	198 100.0%	0 0.0%	0 0.0%	0 0.0%	196 99.0%	194 98.0%	198 100.0%	198 100.0%	192 97.0%
Independent	Lewis	144	144 100.0%	0 0.0%	0 0.0%	0 0.0%	140 97.2%	140 97.2%	144 100.0%	144 100.0%	142 98.6%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District IX Gateway		1,006	974 96.8%	9 0.9%	4 0.4%	19 1.9%	797 79.2%	733 72.9%	988 98.2%	992 98.6%	868 86.3%
District 09 Gateway	Bath	158	154 97.5%	0 0.0%	0 0.0%	4 2.5%	93 58.9%	93 58.9%	155 98.1%	155 98.1%	155 98.1%
District 09 Gateway	Menifee	89	89 100.0%	0 0.0%	0 0.0%	0 0.0%	75 84.3%	74 83.1%	89 100.0%	89 100.0%	79 88.8%
District 09 Gateway	Morgan	157	155 98.7%	1 0.6%	1 0.6%	0 0.0%	145 92.4%	146 93.0%	157 100.0%	156 99.4%	151 96.2%
District 09 Gateway	Rowan	246	239 97.2%	3 1.2%	2 0.8%	2 0.8%	133 54.1%	130 52.8%	244 99.2%	242 98.4%	169 68.7%
Independent	Montgomery	356	337 94.7%	5 1.4%	1 0.3%	13 3.7%	351 98.6%	290 81.5%	343 96.3%	350 98.3%	314 88.2%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District X FIVCO		1,669	1,550 92.9%	9 0.5%	5 0.3%	21 1.3%	1,356 81.2%	1,345 80.6%	1,559 93.4%	1,554 93.1%	1,372 82.2%
District 10 Little Sandy	Carter	333	329 98.8%	2 0.6%	2 0.6%	0 0.0%	329 98.8%	328 98.5%	332 99.7%	331 99.4%	329 98.8%
District 10 Little Sandy	Elliott	84	84 100.0%	0 0.0%	0 0.0%	0 0.0%	78 92.9%	77 91.7%	84 100.0%	84 100.0%	78 92.9%
Independent	Boyd	572	550 96.2%	6 1.0%	1 0.2%	15 2.6%	447 78.1%	443 77.4%	556 97.2%	554 96.9%	457 79.9%
Independent	Greenup	493	487 98.8%	1 0.2%	2 0.4%	3 0.6%	414 84.0%	408 82.8%	487 98.8%	485 98.4%	413 83.8%
Independent	Lawrence	187	184 98.4%	0 0.0%	0 0.0%	3 1.6%	166 88.8%	166 88.8%	184 98.4%	184 98.4%	173 92.5%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

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County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District XI Big Sandy		1,863	1,833	10	1	19	1,554	1,555	1,845	1,845	1,670
			98.4%	0.5%	0.1%	1.0%	83.4%	83.5%	99.0%	99.0%	89.6%
Independent	Floyd	456	453 99.3%	3 0.7%	0 0.0%	0 0.0%	440 96.5%	442 96.9%	455 99.8%	454 99.6%	449 98.5%
Independent	Johnson	318	312 98.1%	0 0.0%	0 0.0%	6 1.9%	258 81.1%	259 81.4%	312 98.1%	314 98.7%	270 84.9%
Independent	Magoffin	156	153 98.1%	0 0.0%	0 0.0%	3 1.9%	79 50.6%	77 49.4%	154 98.7%	153 98.1%	92 59.0%
Independent	Martin	158	148 93.7%	4 2.5%	0 0.0%	6 3.8%	154 97.5%	154 97.5%	156 98.7%	158 100.0%	148 93.7%
Independent	Pike	775	767 99.0%	3 0.4%	1 0.1%	4 0.5%	623 80.4%	623 80.4%	768 99.1%	766 98.8%	711 91.7%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

County		Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	1 Tdap	1 MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District XII Kentucky River		1,425	1,390 97.5%	8 0.6%	0 0.0%	27 1.9%	1,088 76.4%	1,052 73.8%	1,395 97.9%	1,382 97.0%	1,131 79.4%
District 12 Kentucky River	Knott	186	178 95.7%	2 1.1%	0 0.0%	6 3.2%	144 77.4%	141 75.8%	179 96.2%	177 95.2%	146 78.5%
District 12 Kentucky River	Lee	89	84 94.4%	0 0.0%	0 0.0%	5 5.6%	53 59.6%	51 57.3%	84 94.4%	84 94.4%	62 69.7%
District 12 Kentucky River	Leslie	166	163 98.2%	1 0.6%	0 0.0%	2 1.2%	115 69.3%	103 62.0%	164 98.8%	164 98.8%	121 72.9%
District 12 Kentucky River	Letcher	255	249 97.6%	4 1.6%	0 0.0%	2 0.8%	236 92.5%	225 88.2%	253 99.2%	250 98.0%	233 91.4%
District 12 Kentucky River	Owsley	54	49 90.7%	1 1.9%	0 0.0%	4 7.4%	6 11.1%	6 11.1%	49 90.7%	50 92.6%	13 24.1%
District 12 Kentucky River	Perry	390	387 99.2%	0 0.0%	0 0.0%	3 0.8%	354 90.8%	353 90.5%	387 99.2%	386 99.0%	362 92.8%
District 12 Kentucky River	Wolfe	91	91 100.0%	0 0.0%	0 0.0%	0 0.0%	48 52.7%	48 52.7%	90 98.9%	89 97.8%	51 56.0%
Independent	Breathitt	194	189 97.4%	0 0.0%	0 0.0%	5 2.6%	132 68.0%	125 64.4%	189 97.4%	182 93.8%	143 73.7%

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Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District XIII Cumberland Valley		3,230	3,105 96.1%	7 0.2%	17 0.5%	101 3.1%	2,050 63.5%	2,035 63.0%	2,931 90.7%	3,091 95.7%	2,230 69.0%
District 13 Cumberland Valley	Clay	288	281 97.6%	0 0.0%	0 0.0%	7 2.4%	227 78.8%	220 76.4%	278 96.5%	279 96.9%	245 85.1%
District 13 Cumberland Valley	Jackson	164	162 98.8%	0 0.0%	2 1.2%	0 0.0%	159 97.0%	158 96.3%	162 98.8%	162 98.8%	160 97.6%
District 13 Cumberland Valley	Rockcastle	210	208 99.0%	1 0.5%	1 0.5%	0 0.0%	207 98.6%	209 99.5%	210 100.0%	210 100.0%	208 99.0%
Independent	Bell	380	352 92.6%	0 0.0%	0 0.0%	28 7.4%	114 30.0%	108 28.4%	349 91.8%	347 91.3%	177 46.6%
Independent	Harlan	378	359 95.0%	2 0.5%	0 0.0%	17 4.5%	248 65.6%	241 63.8%	358 94.7%	355 93.9%	254 67.2%
Independent	Knox	399	384 96.2%	1 0.3%	2 0.5%	12 3.0%	250 62.7%	249 62.4%	382 95.7%	380 95.2%	275 68.9%
Independent	Laurel	797	759 95.2%	2 0.3%	6 0.8%	30 3.8%	389 48.8%	388 48.7%	589 73.9%	756 94.9%	426 53.5%
Independent	Whitley	614	600 97.7%	1 0.2%	6 1.0%	7 1.1%	456 74.3%	462 75.2%	603 98.2%	602 98.0%	485 79.0%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

APPENDIX C-2

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Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District XIV Lake Cumberland		2,545	2,513 98.7%	8 0.3%	11 0.4%	13 0.5%	2,316 91.0%	2,284 89.7%	2,515 98.8%	2,509 98.6%	2,378 93.4%
District 14 Lake Cumberland	Adair	218	212 97.2%	3 1.4%	1 0.5%	2 0.9%	203 93.1%	195 89.4%	214 98.2%	212 97.2%	199 91.3%
District 14 Lake Cumberland	Casey	164	162 98.8%	0 0.0%	1 0.6%	1 0.6%	156 95.1%	154 93.9%	162 98.8%	162 98.8%	159 97.0%
District 14 Lake Cumberland	Clinton	127	127 100.0%	0 0.0%	0 0.0%	0 0.0%	122 96.1%	121 95.3%	127 100.0%	127 100.0%	127 100.0%
District 14 Lake Cumberland	Cumberland	76	76 100.0%	0 0.0%	0 0.0%	0 0.0%	47 61.8%	43 56.6%	75 98.7%	76 100.0%	76 100.0%
District 14 Lake Cumberland	Green	122	119 97.5%	0 0.0%	2 1.6%	1 0.8%	118 96.7%	117 95.9%	119 97.5%	117 95.9%	119 97.5%
District 14 Lake Cumberland	McCreary	209	208 99.5%	0 0.0%	1 0.5%	0 0.0%	201 96.2%	188 90.0%	209 100.0%	208 99.5%	200 95.7%
District 14 Lake Cumberland	Pulaski	836	822 98.3%	3 0.4%	2 0.2%	9 1.1%	742 88.8%	739 88.4%	822 98.3%	825 98.7%	755 90.3%
District 14 Lake Cumberland	Russell	213	212 99.5%	0 0.0%	1 0.5%	0 0.0%	209 98.1%	209 98.1%	212 99.5%	212 99.5%	209 98.1%
District 14 Lake Cumberland	Taylor	315	311 98.7%	1 0.3%	3 1.0%	0 0.0%	253 80.3%	253 80.3%	310 98.4%	305 96.8%	269 85.4%
District 14 Lake Cumberland	Wayne	265	264 99.6%	1 0.4%	0 0.0%	0 0.0%	265 100.0%	265 100.0%	265 100.0%	265 100.0%	265 100.0%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

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Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District XV Bluegrass		9,394	9,145 97.3%	42 0.4%	59 0.6%	148 1.6%	7,371 78.5%	7,122 75.8%	9,052 96.4%	9,099 96.9%	7,955 84.7%
Bluegrass Capital Region Subtotal		3,058	2,935 96.0%	12 0.4%	21 0.7%	90 2.9%	2,440 79.8%	2,337 76.4%	2,869 93.8%	2,924 95.6%	2,494 81.6%
District 15 WEDCO	Harrison	235	228 97.0%	1 0.4%	2 0.9%	4 1.7%	196 83.4%	197 83.8%	226 96.2%	225 95.7%	193 82.1%
District 15 WEDCO	Nicholas	84	83 98.8%	0 0.0%	1 1.2%	0 0.0%	83 98.8%	79 94.0%	81 96.4%	81 96.4%	78 92.9%
District 15 WEDCO	Scott	695	669 96.3%	0 0.0%	3 0.4%	23 3.3%	477 68.6%	411 59.1%	623 89.6%	658 94.7%	467 67.2%
Independent	Anderson	296	285 96.3%	7 2.4%	3 1.0%	1 0.3%	286 96.6%	261 88.2%	286 96.6%	286 96.6%	274 92.6%
Independent	Bourbon	233	233 100.0%	0 0.0%	0 0.0%	0 0.0%	195 83.7%	194 83.3%	229 98.3%	232 99.6%	198 85.0%
Independent	Franklin	587	545 92.8%	0 0.0%	0 0.0%	42 7.2%	330 56.2%	321 54.7%	538 91.7%	539 91.8%	396 67.5%
Independent	Jessamine	571	537 94.0%	3 0.5%	11 1.9%	20 3.5%	528 92.5%	531 93.0%	532 93.2%	548 96.0%	540 94.6%
Independent	Woodford	357	355 99.4%	1 0.3%	1 0.3%	0 0.0%	345 96.6%	343 96.1%	354 99.2%	355 99.4%	348 97.5%

2014-2015 Annual School Immunization Survey--Sixth Grade Results, by ADD

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Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District XV Bluegrass		9,394	9,145 97.3%	42 0.4%	59 0.6%	148 1.6%	7,371 78.5%	7,122 75.8%	9,052 96.4%	9,099 96.9%	7,955 84.7%
Bluegrass South Region Subtotal		2,851	2,793 98.0%	12 0.4%	21 0.7%	25 0.9%	2,353 82.5%	2,271 79.7%	2,796 98.1%	2,786 97.7%	2,437 85.5%
Independent	Boyle	368	360 97.8%	0 0.0%	4 1.1%	4 1.1%	357 97.0%	281 76.4%	351 95.4%	361 98.1%	302 82.1%
Independent	Clark	444	434 97.7%	1 0.2%	0 0.0%	9 2.0%	276 62.2%	277 62.4%	433 97.5%	418 94.1%	326 73.4%
Independent	Estill	176	172 97.7%	0 0.0%	2 1.1%	2 1.1%	137 77.8%	135 76.7%	172 97.7%	169 96.0%	149 84.7%
Independent	Garrard	213	208 97.7%	2 0.9%	0 0.0%	3 1.4%	173 81.2%	170 79.8%	212 99.5%	207 97.2%	179 84.0%
Independent	Lincoln	284	282 99.3%	0 0.0%	2 0.7%	0 0.0%	251 88.4%	250 88.0%	282 99.3%	282 99.3%	244 85.9%
Independent	Madison	944	918 97.2%	8 0.8%	12 1.3%	6 0.6%	847 89.7%	843 89.3%	929 98.4%	930 98.5%	875 92.7%
Independent	Mercer	252	252 100.0%	0 0.0%	0 0.0%	0 0.0%	248 98.4%	251 99.6%	250 99.2%	252 100.0%	251 99.6%
Independent	Powell	170	167 98.2%	1 0.6%	1 0.6%	1 0.6%	64 37.6%	64 37.6%	167 98.2%	167 98.2%	111 65.3%

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Kentucky (Total)		54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
District XV Bluegrass		9,394	9,145 97.3%	42 0.4%	59 0.6%	148 1.6%	7,371 78.5%	7,122 75.8%	9,052 96.4%	9,099 96.9%	7,955 84.7%
Lexington-Fayette Region Subtotal		3,485	3,417 98.0%	18 0.5%	17 0.5%	33 0.9%	2,578 74.0%	2,514 72.1%	3,387 97.2%	3,389 97.2%	3,024 86.8%
Independent	Fayette	3,485	3,417 98.0%	18 0.5%	17 0.5%	33 0.9%	2,578 74.0%	2,514 72.1%	3,387 97.2%	3,389 97.2%	3,024 86.8%

APPENDIX D

Immunization Profiles For All Schools, By County

KINDERGARTEN D-1

SIXTH GRADE D-2

Appendix D: County Profiles

Each of these age-specific reports for both Kindergarten (Appendix D-1) and Sixth Grade (Appendix D-2) provides the aggregate totals of immunization certificate types (i.e., Current, Medical or Religious Exemptions, and Missing) and age appropriate immunizations reported for each county.

This report lists the county totals/coverage rates, with coverage rates (percentage) for each certificate type, and age-appropriate vaccinations. Children having the minimum number of doses for each immunization, as reported by each school, were considered compliant.

Several objectives for Immunizations are defined by Healthy People 2020 (HP 2020), <http://www.healthypeople.gov/2020/topics-objectives/topic/immunization-and-infectious-diseases>. The attainment of age-appropriate target measures for these Objectives is used annually by the Kentucky Immunization Program to identify schools that have been successful with vaccination compliance for school age children in the survey year.


The age-appropriate HP 2020 target measures are assessed in school, as follows:

Kindergarten:

- Greater than 95% for 4+ DTaP, 3+ Polio, 3+ HepB, 2 MMR, and 2 Varicella;

Sixth Grade:

- Greater than 95% for 3+HepB and 2 MMR,
- Greater than 90% for 2 Varicella, and
- Greater than 80% for 1 Tdap and 1 MCV

If any of the age-appropriate HP 2020 target measures were not met at a school, the cell in the corresponding vaccine (COLUMN) for a given school (ROW) has been highlighted red .

2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX D-1

County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)	56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
Adair	201	201 100.0%	0 0.0%	0 0.0%	0 0.0%	192 95.5%	201 100.0%	200 99.5%	198 98.5%	197 98.0%
Allen	250	248 99.2%	0 0.0%	0 0.0%	2 0.8%	246 98.4%	248 99.2%	249 99.6%	249 99.6%	247 98.8%
Anderson	288	278 96.5%	0 0.0%	4 1.4%	6 2.1%	280 97.2%	276 95.8%	278 96.5%	272 94.4%	269 93.4%
Ballard	92	92 100.0%	0 0.0%	0 0.0%	0 0.0%	90 97.8%	91 98.9%	92 100.0%	90 97.8%	90 97.8%
Barren	651	632 97.1%	3 0.5%	5 0.8%	11 1.7%	628 96.5%	630 96.8%	632 97.1%	621 95.4%	620 95.2%
Bath	173	160 92.5%	0 0.0%	0 0.0%	13 7.5%	160 92.5%	160 92.5%	155 89.6%	149 86.1%	151 87.3%
Bell	386	349 90.4%	2 0.5%	0 0.0%	35 9.1%	349 90.4%	349 90.4%	349 90.4%	324 83.9%	327 84.7%
Boone	1,780	1,742 97.9%	5 0.3%	28 1.6%	5 0.3%	1,734 97.4%	1,743 97.9%	1,742 97.9%	1,737 97.6%	1,727 97.0%
Bourbon	266	261 98.1%	0 0.0%	1 0.4%	4 1.5%	261 98.1%	261 98.1%	261 98.1%	256 96.2%	259 97.4%
Boyd	574	547 95.3%	2 0.3%	0 0.0%	25 4.4%	539 93.9%	546 95.1%	539 93.9%	524 91.3%	518 90.2%
Boyle	339	312 92.0%	0 0.0%	0 0.0%	27 8.0%	310 91.4%	311 91.7%	308 90.9%	309 91.2%	303 89.4%
Bracken	136	123 90.4%	1 0.7%	0 0.0%	12 8.8%	129 94.9%	125 91.9%	129 94.9%	125 91.9%	122 89.7%
Breathitt	169	153 90.5%	0 0.0%	0 0.0%	16 9.5%	144 85.2%	144 85.2%	152 89.9%	131 77.5%	132 78.1%
Breckinridge	258	244 94.6%	2 0.8%	2 0.8%	10 3.9%	245 95.0%	245 95.0%	243 94.2%	239 92.6%	236 91.5%
Bullitt	990	947 95.7%	2 0.2%	3 0.3%	38 3.8%	940 94.9%	941 95.1%	938 94.7%	923 93.2%	924 93.3%
Butler	176	167 94.9%	0 0.0%	1 0.6%	8 4.5%	166 94.3%	167 94.9%	163 92.6%	158 89.8%	156 88.6%
Caldwell	144	139 96.5%	0 0.0%	2 1.4%	3 2.1%	139 96.5%	139 96.5%	136 94.4%	139 96.5%	134 93.1%
Calloway	415	403 97.1%	2 0.5%	9 2.2%	1 0.2%	405 97.6%	406 97.8%	406 97.8%	404 97.3%	402 96.9%
Campbell	976	952 97.5%	4 0.4%	9 0.9%	11 1.1%	948 97.1%	949 97.2%	955 97.8%	949 97.2%	947 97.0%
Carlisle	67	62 92.5%	0 0.0%	3 4.5%	2 3.0%	61 91.0%	61 91.0%	60 89.6%	59 88.1%	58 86.6%

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APPENDIX D-1

County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)	56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
Carroll	190	173 91.1%	0 0.0%	0 0.0%	17 8.9%	165 86.8%	164 86.3%	171 90.0%	162 85.3%	156 82.1%
Carter	347	337 97.1%	2 0.6%	0 0.0%	8 2.3%	335 96.5%	338 97.4%	337 97.1%	323 93.1%	320 92.2%
Casey	184	168 91.3%	0 0.0%	2 1.1%	14 7.6%	168 91.3%	168 91.3%	167 90.8%	164 89.1%	167 90.8%
Christian	831	784 94.3%	1 0.1%	1 0.1%	45 5.4%	777 93.5%	782 94.1%	779 93.7%	764 91.9%	757 91.1%
Clark	466	437 93.8%	0 0.0%	1 0.2%	28 6.0%	434 93.1%	432 92.7%	433 92.9%	423 90.8%	420 90.1%
Clay	338	318 94.1%	0 0.0%	0 0.0%	20 5.9%	318 94.1%	317 93.8%	310 91.7%	309 91.4%	308 91.1%
Clinton	150	148 98.7%	0 0.0%	2 1.3%	0 0.0%	144 96.0%	148 98.7%	148 98.7%	147 98.0%	148 98.7%
Crittenden	104	94 90.4%	0 0.0%	0 0.0%	10 9.6%	93 89.4%	93 89.4%	92 88.5%	91 87.5%	91 87.5%
Cumberland	78	76 97.4%	1 1.3%	0 0.0%	1 1.3%	77 98.7%	77 98.7%	77 98.7%	76 97.4%	76 97.4%
Daviess	1313	1232 93.8%	2 0.2%	1 0.1%	78 5.9%	1228 93.5%	1231 93.8%	1222 93.1%	1198 91.2%	1174 89.4%
Edmonson	148	147 99.3%	0 0.0%	0 0.0%	1 0.7%	147 99.3%	148 100.0%	145 98.0%	147 99.3%	147 99.3%
Elliott	99	94 94.9%	0 0.0%	0 0.0%	5 5.1%	94 94.9%	94 94.9%	92 92.9%	93 93.9%	93 93.9%
Estill	156	138 88.5%	0 0.0%	0 0.0%	18 11.5%	138 88.5%	138 88.5%	136 87.2%	128 82.1%	127 81.4%
Fayette	3,808	3,705 97.3%	9 0.2%	31 0.8%	63 1.7%	3,669 96.3%	3,649 95.8%	3,568 93.7%	3,607 94.7%	3,587 94.2%
Fleming	199	198 99.5%	1 0.5%	0 0.0%	0 0.0%	197 99.0%	197 99.0%	198 99.5%	196 98.5%	196 98.5%
Floyd	573	569 99.3%	1 0.2%	0 0.0%	3 0.5%	567 99.0%	566 98.8%	569 99.3%	563 98.3%	563 98.3%
Franklin	653	576 88.2%	0 0.0%	3 0.5%	74 11.3%	566 86.7%	568 87.0%	565 86.5%	450 68.9%	409 62.6%
Fulton	87	87 100.0%	0 0.0%	0 0.0%	0 0.0%	86 98.9%	86 98.9%	87 100.0%	86 98.9%	85 97.7%
Gallatin	118	111 94.1%	0 0.0%	0 0.0%	7 5.9%	100 84.7%	105 89.0%	108 91.5%	101 85.6%	102 86.4%
Garrard	201	188 93.5%	2 1.0%	1 0.5%	10 5.0%	178 88.6%	181 90.0%	186 92.5%	173 86.1%	178 88.6%

2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX D-1

County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR
Kentucky (Total)	56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
Grant	375	364 97.1%	1 0.3%	2 0.5%	8 2.1%	358 95.5%	365 97.3%	360 96.0%	357 95.2%	355 94.7%
Graves	532	516 97.0%	4 0.8%	6 1.1%	6 1.1%	515 96.8%	515 96.8%	512 96.2%	508 95.5%	505 94.9%
Grayson	301	300 99.7%	0 0.0%	0 0.0%	1 0.3%	300 99.7%	300 99.7%	298 99.0%	298 99.0%	298 99.0%
Green	153	146 95.4%	2 1.3%	1 0.7%	4 2.6%	145 94.8%	145 94.8%	143 93.5%	145 94.8%	144 94.1%
Greenup	495	485 98.0%	1 0.2%	3 0.6%	6 1.2%	481 97.2%	485 98.0%	480 97.0%	473 95.6%	469 94.7%
Hancock	102	102 100.0%	0 0.0%	0 0.0%	0 0.0%	101 99.0%	102 100.0%	102 100.0%	101 99.0%	102 100.0%
Hardin	992	892 89.9%	2 0.2%	8 0.8%	90 9.1%	880 88.7%	885 89.2%	874 88.1%	852 85.9%	849 85.6%
Harlan	370	310 83.8%	0 0.0%	0 0.0%	60 16.2%	304 82.2%	308 83.2%	307 83.0%	292 78.9%	292 78.9%
Harrison	235	209 88.9%	0 0.0%	0 0.0%	26 11.1%	206 87.7%	208 88.5%	207 88.1%	193 82.1%	200 85.1%
Hart	186	186 100.0%	0 0.0%	0 0.0%	0 0.0%	182 97.8%	185 99.5%	183 98.4%	182 97.8%	180 96.8%
Henderson	627	618 98.6%	1 0.2%	1 0.2%	7 1.1%	613 97.8%	616 98.2%	613 97.8%	611 97.4%	611 97.4%
Henry	203	199 98.0%	0 0.0%	2 1.0%	2 1.0%	199 98.0%	199 98.0%	199 98.0%	198 97.5%	198 97.5%
Hickman	52	51 98.1%	0 0.0%	0 0.0%	1 1.9%	52 100.0%	52 100.0%	52 100.0%	50 96.2%	48 92.3%
Hopkins	604	592 98.0%	1 0.2%	6 1.0%	5 0.8%	588 97.4%	593 98.2%	594 98.3%	588 97.4%	587 97.2%
Jackson	193	190 98.4%	0 0.0%	3 1.6%	0 0.0%	189 97.9%	188 97.4%	187 96.9%	189 97.9%	188 97.4%
Jefferson	9,758	9,268 95.0%	14 0.1%	64 0.7%	412 4.2%	9,179 94.1%	9,227 94.6%	9,148 93.7%	9,037 92.6%	8,965 91.9%
Jessamine	628	604 96.2%	0 0.0%	12 1.9%	12 1.9%	573 91.2%	593 94.4%	575 91.6%	585 93.2%	575 91.6%
Johnson	320	276 86.3%	1 0.3%	1 0.3%	42 13.1%	273 85.3%	267 83.4%	274 85.6%	267 83.4%	266 83.1%
Kenton	2,358	2,314 98.1%	5 0.2%	24 1.0%	15 0.6%	2,294 97.3%	2,294 97.3%	2,303 97.7%	2,271 96.3%	2,260 95.8%
Knott	218	200 91.7%	0 0.0%	2 0.9%	16 7.3%	200 91.7%	200 91.7%	198 90.8%	199 91.3%	197 90.4%

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APPENDIX D-1

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Kentucky (Total)	56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
Knox	438	361 82.4%	1 0.2%	2 0.5%	74 16.9%	356 81.3%	358 81.7%	346 79.0%	347 79.2%	345 78.8%
Larue	171	155 90.6%	0 0.0%	0 0.0%	16 9.4%	149 87.1%	150 87.7%	149 87.1%	147 86.0%	146 85.4%
Laurel	814	711 87.3%	2 0.2%	2 0.2%	99 12.2%	705 86.6%	712 87.5%	688 84.5%	690 84.8%	685 84.2%
Lawrence	249	245 98.4%	0 0.0%	0 0.0%	4 1.6%	240 96.4%	244 98.0%	245 98.4%	237 95.2%	237 95.2%
Lee	86	81 94.2%	0 0.0%	0 0.0%	5 5.8%	79 91.9%	80 93.0%	79 91.9%	79 91.9%	79 91.9%
Leslie	148	145 98.0%	0 0.0%	0 0.0%	3 2.0%	141 95.3%	144 97.3%	144 97.3%	137 92.6%	139 93.9%
Letcher	296	286 96.6%	3 1.0%	1 0.3%	6 2.0%	287 97.0%	288 97.3%	288 97.3%	286 96.6%	285 96.3%
Lewis	191	189 99.0%	0 0.0%	1 0.5%	1 0.5%	188 98.4%	189 99.0%	189 99.0%	185 96.9%	184 96.3%
Lincoln	312	306 98.1%	3 1.0%	2 0.6%	1 0.3%	304 97.4%	306 98.1%	305 97.8%	301 96.5%	301 96.5%
Livingston	97	85 87.6%	0 0.0%	0 0.0%	12 12.4%	85 87.6%	85 87.6%	84 86.6%	80 82.5%	77 79.4%
Logan	311	271 87.1%	1 0.3%	3 1.0%	36 11.6%	262 84.2%	264 84.9%	268 86.2%	261 83.9%	257 82.6%
Lyon	74	73 98.6%	0 0.0%	0 0.0%	1 1.4%	73 98.6%	73 98.6%	70 94.6%	70 94.6%	69 93.2%
Madison	1,053	1,034 98.2%	1 0.1%	8 0.8%	10 0.9%	1,026 97.4%	1,026 97.4%	1,024 97.2%	1,007 95.6%	1,000 95.0%
Magoffin	173	156 90.2%	1 0.6%	1 0.6%	15 8.7%	157 90.8%	159 91.9%	159 91.9%	149 86.1%	148 85.5%
Marion	285	280 98.2%	1 0.4%	4 1.4%	0 0.0%	281 98.6%	281 98.6%	281 98.6%	275 96.5%	281 98.6%
Marshall	407	375 92.1%	1 0.2%	2 0.5%	29 7.1%	382 93.9%	382 93.9%	382 93.9%	379 93.1%	381 93.6%
Martin	165	162 98.2%	2 1.2%	0 0.0%	1 0.6%	164 99.4%	164 99.4%	164 99.4%	162 98.2%	164 99.4%
Mason	219	193 88.1%	0 0.0%	0 0.0%	26 11.9%	193 88.1%	193 88.1%	189 86.3%	172 78.5%	171 78.1%
McCracken	672	642 95.5%	0 0.0%	7 1.0%	23 3.4%	635 94.5%	633 94.2%	634 94.3%	606 90.2%	609 90.6%
McCreary	210	208 99.0%	0 0.0%	1 0.5%	1 0.5%	207 98.6%	207 98.6%	208 99.0%	202 96.2%	203 96.7%

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Kentucky (Total)	56,238	53,572 95.3%	113 0.2%	369 0.7%	2,184 3.9%	53,083 94.4%	53,240 94.7%	52,948 94.1%	52,151 92.7%	51,898 92.3%
McLean	119	116 97.5%	0 0.0%	3 2.5%	0 0.0%	115 96.6%	116 97.5%	115 96.6%	112 94.1%	113 95.0%
Meade	350	348 99.4%	0 0.0%	2 0.6%	0 0.0%	347 99.1%	347 99.1%	347 99.1%	348 99.4%	348 99.4%
Menifee	81	81 100.0%	0 0.0%	0 0.0%	0 0.0%	81 100.0%	81 100.0%	81 100.0%	81 100.0%	81 100.0%
Mercer	275	273 99.3%	0 0.0%	1 0.4%	1 0.4%	274 99.6%	273 99.3%	273 99.3%	272 98.9%	274 99.6%
Metcalfe	135	121 89.6%	0 0.0%	1 0.7%	13 9.6%	121 89.6%	121 89.6%	121 89.6%	121 89.6%	115 85.2%
Monroe	153	143 93.5%	0 0.0%	0 0.0%	10 6.5%	143 93.5%	142 92.8%	142 92.8%	142 92.8%	142 92.8%
Montgomery	422	385 91.2%	1 0.2%	3 0.7%	33 7.8%	362 85.8%	363 86.0%	372 88.2%	359 85.1%	359 85.1%
Morgan	158	155 98.1%	0 0.0%	0 0.0%	3 1.9%	155 98.1%	155 98.1%	155 98.1%	151 95.6%	150 94.9%
Muhlenberg	355	329 92.7%	0 0.0%	3 0.8%	23 6.5%	329 92.7%	328 92.4%	322 90.7%	321 90.4%	318 89.6%
Nelson	568	479 84.3%	2 0.4%	1 0.2%	86 15.1%	482 84.9%	486 85.6%	484 85.2%	466 82.0%	465 81.9%
Nicholas	95	95 100.0%	0 0.0%	0 0.0%	0 0.0%	92 96.8%	94 98.9%	93 97.9%	90 94.7%	90 94.7%
Ohio	335	302 90.1%	0 0.0%	2 0.6%	31 9.3%	296 88.4%	298 89.0%	298 89.0%	286 85.4%	286 85.4%
Oldham	816	798 97.8%	5 0.6%	12 1.5%	1 0.1%	799 97.9%	799 97.9%	793 97.2%	792 97.1%	790 96.8%
Owen	135	132 97.8%	1 0.7%	1 0.7%	1 0.7%	129 95.6%	130 96.3%	129 95.6%	131 97.0%	129 95.6%
Owsley	65	62 95.4%	1 1.5%	0 0.0%	2 3.1%	63 96.9%	61 93.8%	63 96.9%	56 86.2%	62 95.4%
Pendleton	182	180 98.9%	0 0.0%	2 1.1%	0 0.0%	179 98.4%	179 98.4%	180 98.9%	176 96.7%	175 96.2%
Perry	401	384 95.8%	2 0.5%	0 0.0%	15 3.7%	380 94.8%	383 95.5%	379 94.5%	370 92.3%	377 94.0%
Pike	796	792 99.5%	0 0.0%	0 0.0%	4 0.5%	784 98.5%	789 99.1%	787 98.9%	780 98.0%	778 97.7%
Powell	176	157 89.2%	0 0.0%	0 0.0%	19 10.8%	157 89.2%	157 89.2%	155 88.1%	152 86.4%	152 86.4%
Pulaski	831	817 98.3%	3 0.4%	7 0.8%	4 0.5%	818 98.4%	821 98.8%	819 98.6%	811 97.6%	806 97.0%

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Robertson	19	19 100.0%	0 0.0%	0 0.0%	0 0.0%	19 100.0%	19 100.0%	18 94.7%	19 100.0%	19 100.0%
Rockcastle	213	208 97.7%	0 0.0%	2 0.9%	3 1.4%	206 96.7%	207 97.2%	207 97.2%	204 95.8%	204 95.8%
Rowan	280	264 94.3%	0 0.0%	1 0.4%	15 5.4%	261 93.2%	263 93.9%	265 94.6%	254 90.7%	253 90.4%
Russell	272	270 99.3%	1 0.4%	1 0.4%	0 0.0%	271 99.6%	271 99.6%	270 99.3%	269 98.9%	267 98.2%
Scott	733	655 89.4%	2 0.3%	9 1.2%	67 9.1%	651 88.8%	654 89.2%	636 86.8%	633 86.4%	653 89.1%
Shelby	547	523 95.6%	0 0.0%	2 0.4%	22 4.0%	516 94.3%	515 94.1%	513 93.8%	506 92.5%	497 90.9%
Simpson	213	211 99.1%	1 0.5%	1 0.5%	0 0.0%	210 98.6%	211 99.1%	210 98.6%	206 96.7%	208 97.7%
Spencer	195	192 98.5%	0 0.0%	2 1.0%	1 0.5%	193 99.0%	193 99.0%	193 99.0%	191 97.9%	192 98.5%
Taylor	327	319 97.6%	0 0.0%	2 0.6%	6 1.8%	302 92.4%	281 85.9%	315 96.3%	312 95.4%	317 96.9%
Todd	149	114 76.5%	1 0.7%	0 0.0%	34 22.8%	113 75.8%	114 76.5%	110 73.8%	107 71.8%	106 71.1%
Trigg	142	132 93.0%	0 0.0%	1 0.7%	9 6.3%	131 92.3%	132 93.0%	130 91.5%	131 92.3%	130 91.5%
Trimble	124	115 92.7%	0 0.0%	0 0.0%	9 7.3%	113 91.1%	115 92.7%	114 91.9%	106 85.5%	105 84.7%
Union	184	183 99.5%	0 0.0%	1 0.5%	0 0.0%	183 99.5%	184 100.0%	181 98.4%	183 99.5%	183 99.5%
Warren	1361	1324 97.3%	1 0.1%	15 1.1%	21 1.5%	1300 95.5%	1298 95.4%	1283 94.3%	1296 95.2%	1290 94.8%
Washington	179	170 95.0%	0 0.0%	0 0.0%	9 5.0%	169 94.4%	169 94.4%	169 94.4%	167 93.3%	165 92.2%
Wayne	234	231 98.7%	1 0.4%	2 0.9%	0 0.0%	232 99.1%	232 99.1%	232 99.1%	232 99.1%	232 99.1%
Webster	184	165 89.7%	0 0.0%	1 0.5%	18 9.8%	164 89.1%	165 89.7%	164 89.1%	160 87.0%	159 86.4%
Whitley	569	553 97.2%	0 0.0%	6 1.1%	10 1.8%	548 96.3%	551 96.8%	551 96.8%	538 94.6%	542 95.3%
Wolfe	97	91 93.8%	0 0.0%	0 0.0%	6 6.2%	89 91.8%	90 92.8%	89 91.8%	89 91.8%	90 92.8%
Woodford	321	312 97.2%	1 0.3%	7 2.2%	1 0.3%	313 97.5%	313 97.5%	308 96.0%	306 95.3%	303 94.4%



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX D-2

County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	Tdap	MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)	54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
Adair	218	212 97.2%	3 1.4%	1 0.5%	2 0.9%	203 93.1%	195 89.4%	214 98.2%	212 97.2%	199 91.3%
Allen	239	235 98.3%	1 0.4%	0 0.0%	3 1.3%	232 97.1%	214 89.5%	233 97.5%	235 98.3%	225 94.1%
Anderson	296	285 96.3%	7 2.4%	3 1.0%	1 0.3%	286 96.6%	261 88.2%	286 96.6%	286 96.6%	274 92.6%
Ballard	105	104 99.0%	0 0.0%	1 1.0%	0 0.0%	103 98.1%	102 97.1%	105 100.0%	105 100.0%	102 97.1%
Barren	518	510 98.5%	2 0.4%	3 0.6%	3 0.6%	426 82.2%	425 82.0%	471 90.9%	472 91.1%	459 88.6%
Bath	158	154 97.5%	0 0.0%	0 0.0%	4 2.5%	93 58.9%	93 58.9%	155 98.1%	155 98.1%	155 98.1%
Bell	380	352 92.6%	0 0.0%	0 0.0%	28 7.4%	114 30.0%	108 28.4%	349 91.8%	347 91.3%	177 46.6%
Boone	1,911	1,878 98.3%	8 0.4%	20 1.0%	5 0.3%	1,831 95.8%	1,818 95.1%	1,886 98.7%	1,883 98.5%	1,841 96.3%
Bourbon	233	233 100.0%	0 0.0%	0 0.0%	0 0.0%	195 83.7%	194 83.3%	229 98.3%	232 99.6%	198 85.0%
Boyd	572	550 96.2%	6 1.0%	1 0.2%	15 2.6%	447 78.1%	443 77.4%	556 97.2%	554 96.9%	457 79.9%
Boyle	368	360 97.8%	0 0.0%	4 1.1%	4 1.1%	357 97.0%	281 76.4%	351 95.4%	361 98.1%	302 82.1%
Bracken	125	120 96.0%	1 0.8%	0 0.0%	4 3.2%	107 85.6%	103 82.4%	122 97.6%	113 90.4%	110 88.0%
Breathitt	194	189 97.4%	0 0.0%	0 0.0%	5 2.6%	132 68.0%	125 64.4%	189 97.4%	182 93.8%	143 73.7%
Breckinridge	261	257 98.5%	1 0.4%	3 1.1%	0 0.0%	249 95.4%	247 94.6%	259 99.2%	255 97.7%	249 95.4%
Bullitt	1,079	1,064 98.6%	2 0.2%	5 0.5%	8 0.7%	852 79.0%	836 77.5%	1,062 98.4%	1,062 98.4%	950 88.0%
Butler	159	155 97.5%	1 0.6%	0 0.0%	3 1.9%	95 59.7%	92 57.9%	155 97.5%	154 96.9%	112 70.4%
Caldwell	152	152 100.0%	0 0.0%	0 0.0%	0 0.0%	143 94.1%	140 92.1%	150 98.7%	150 98.7%	131 86.2%
Calloway	382	367 96.1%	2 0.5%	7 1.8%	6 1.6%	360 94.2%	359 94.0%	367 96.1%	367 96.1%	363 95.0%
Campbell	1,026	1,006 98.1%	6 0.6%	5 0.5%	9 0.9%	971 94.6%	967 94.2%	1,015 98.9%	1,013 98.7%	986 96.1%
Carlisle	58	55 94.8%	0 0.0%	1 1.7%	2 3.4%	55 94.8%	55 94.8%	56 96.6%	56 96.6%	52 89.7%

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County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	Tdap	MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)	54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
Carroll	139	119 85.6%	0 0.0%	0 0.0%	20 14.4%	97 69.8%	97 69.8%	133 95.7%	131 94.2%	105 75.5%
Carter	333	329 98.8%	2 0.6%	2 0.6%	0 0.0%	329 98.8%	328 98.5%	332 99.7%	331 99.4%	329 98.8%
Casey	164	162 98.8%	0 0.0%	1 0.6%	1 0.6%	156 95.1%	154 93.9%	162 98.8%	162 98.8%	159 97.0%
Christian	778	762 97.9%	0 0.0%	1 0.1%	15 1.9%	583 74.9%	566 72.8%	771 99.1%	763 98.1%	674 86.6%
Clark	444	434 97.7%	1 0.2%	0 0.0%	9 2.0%	276 62.2%	277 62.4%	433 97.5%	418 94.1%	326 73.4%
Clay	288	281 97.6%	0 0.0%	0 0.0%	7 2.4%	227 78.8%	220 76.4%	278 96.5%	279 96.9%	245 85.1%
Clinton	127	127 100.0%	0 0.0%	0 0.0%	0 0.0%	122 96.1%	121 95.3%	127 100.0%	127 100.0%	127 100.0%
Crittenden	106	102 96.2%	0 0.0%	0 0.0%	4 3.8%	99 93.4%	102 96.2%	105 99.1%	106 100.0%	102 96.2%
Cumberland	76	76 100.0%	0 0.0%	0 0.0%	0 0.0%	47 61.8%	43 56.6%	75 98.7%	76 100.0%	76 100.0%
Daviess	1,263	1,238 98.0%	4 0.3%	4 0.3%	17 1.3%	1,175 93.0%	1,164 92.2%	1,251 99.0%	1,250 99.0%	1,179 93.3%
Edmonson	135	134 99.3%	0 0.0%	0 0.0%	1 0.7%	101 74.8%	100 74.1%	133 98.5%	133 98.5%	114 84.4%
Elliott	84	84 100.0%	0 0.0%	0 0.0%	0 0.0%	78 92.9%	77 91.7%	84 100.0%	84 100.0%	78 92.9%
Estill	176	172 97.7%	0 0.0%	2 1.1%	2 1.1%	137 77.8%	135 76.7%	172 97.7%	169 96.0%	149 84.7%
Fayette	3,485	3,417 98.0%	18 0.5%	17 0.5%	33 0.9%	2,578 74.0%	2,514 72.1%	3,387 97.2%	3,389 97.2%	3,024 86.8%
Fleming	198	198 100.0%	0 0.0%	0 0.0%	0 0.0%	196 99.0%	194 98.0%	198 100.0%	198 100.0%	192 97.0%
Floyd	456	453 99.3%	3 0.7%	0 0.0%	0 0.0%	440 96.5%	442 96.9%	455 99.8%	454 99.6%	449 98.5%
Franklin	587	545 92.8%	0 0.0%	0 0.0%	42 7.2%	330 56.2%	321 54.7%	538 91.7%	539 91.8%	396 67.5%
Fulton	81	81 100.0%	0 0.0%	0 0.0%	0 0.0%	80 98.8%	80 98.8%	81 100.0%	81 100.0%	81 100.0%
Gallatin	124	124 100.0%	0 0.0%	0 0.0%	0 0.0%	119 96.0%	119 96.0%	122 98.4%	122 98.4%	119 96.0%
Garrard	213	208 97.7%	2 0.9%	0 0.0%	3 1.4%	173 81.2%	170 79.8%	212 99.5%	207 97.2%	179 84.0%

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County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	Tdap	MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)	54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
Grant	339	329 97.1%	0 0.0%	1 0.3%	9 2.7%	263 77.6%	256 75.5%	326 96.2%	328 96.8%	294 86.7%
Graves	459	429 93.5%	3 0.7%	1 0.2%	26 5.7%	389 84.7%	385 83.9%	428 93.2%	427 93.0%	401 87.4%
Grayson	323	321 99.4%	0 0.0%	1 0.3%	1 0.3%	312 96.6%	310 96.0%	321 99.4%	321 99.4%	317 98.1%
Green	122	119 97.5%	0 0.0%	2 1.6%	1 0.8%	118 96.7%	117 95.9%	119 97.5%	117 95.9%	119 97.5%
Greenup	493	487 98.8%	1 0.2%	2 0.4%	3 0.6%	414 84.0%	408 82.8%	487 98.8%	485 98.4%	413 83.8%
Hancock	125	121 96.8%	1 0.8%	3 2.4%	0 0.0%	121 96.8%	122 97.6%	124 99.2%	123 98.4%	120 96.0%
Hardin	1135	1121 98.8%	2 0.2%	6 0.5%	6 0.5%	996 87.8%	945 83.3%	1129 99.5%	1121 98.8%	1038 91.5%
Harlan	378	359 95.0%	2 0.5%	0 0.0%	17 4.5%	248 65.6%	241 63.8%	358 94.7%	355 93.9%	254 67.2%
Harrison	235	228 97.0%	1 0.4%	2 0.9%	4 1.7%	196 83.4%	197 83.8%	226 96.2%	225 95.7%	193 82.1%
Hart	148	148 100.0%	0 0.0%	0 0.0%	0 0.0%	145 98.0%	143 96.6%	145 98.0%	148 100.0%	139 93.9%
Henderson	559	553 98.9%	3 0.5%	1 0.2%	2 0.4%	504 90.2%	518 92.7%	556 99.5%	555 99.3%	522 93.4%
Henry	244	242 99.2%	1 0.4%	1 0.4%	0 0.0%	237 97.1%	238 97.5%	243 99.6%	242 99.2%	239 98.0%
Hickman	44	44 100.0%	0 0.0%	0 0.0%	0 0.0%	40 90.9%	40 90.9%	44 100.0%	44 100.0%	40 90.9%
Hopkins	553	543 98.2%	3 0.5%	2 0.4%	5 0.9%	500 90.4%	500 90.4%	536 96.9%	534 96.6%	522 94.4%
Jackson	164	162 98.8%	0 0.0%	2 1.2%	0 0.0%	159 97.0%	158 96.3%	162 98.8%	162 98.8%	160 97.6%
Jefferson	9,335	9,147 98.0%	21 0.2%	54 0.6%	113 1.2%	8,286 88.8%	8,218 88.0%	9,182 98.4%	9,167 98.2%	8,807 94.3%
Jessamine	571	537 94.0%	3 0.5%	11 1.9%	20 3.5%	528 92.5%	531 93.0%	532 93.2%	548 96.0%	540 94.6%
Johnson	318	312 98.1%	0 0.0%	0 0.0%	6 1.9%	258 81.1%	259 81.4%	312 98.1%	314 98.7%	270 84.9%
Kenton	2,148	2,102 97.9%	7 0.3%	13 0.6%	26 1.2%	2,020 94.0%	1,998 93.0%	2,134 99.3%	2,132 99.3%	2,063 96.0%
Knott	186	178 95.7%	2 1.1%	0 0.0%	6 3.2%	144 77.4%	141 75.8%	179 96.2%	177 95.2%	146 78.5%

2014-2015 Annual School Immunization Survey--Sixth Grade Results

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County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	Tdap	MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)	54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
Knox	399	384 96.2%	1 0.3%	2 0.5%	12 3.0%	250 62.7%	249 62.4%	382 95.7%	380 95.2%	275 68.9%
Larue	166	165 99.4%	1 0.6%	0 0.0%	0 0.0%	124 74.7%	124 74.7%	163 98.2%	163 98.2%	129 77.7%
Laurel	797	759 95.2%	2 0.3%	6 0.8%	30 3.8%	389 48.8%	388 48.7%	589 73.9%	756 94.9%	426 53.5%
Lawrence	187	184 98.4%	0 0.0%	0 0.0%	3 1.6%	166 88.8%	166 88.8%	184 98.4%	184 98.4%	173 92.5%
Lee	89	84 94.4%	0 0.0%	0 0.0%	5 5.6%	53 59.6%	51 57.3%	84 94.4%	84 94.4%	62 69.7%
Leslie	166	163 98.2%	1 0.6%	0 0.0%	2 1.2%	115 69.3%	103 62.0%	164 98.8%	164 98.8%	121 72.9%
Letcher	255	249 97.6%	4 1.6%	0 0.0%	2 0.8%	236 92.5%	225 88.2%	253 99.2%	250 98.0%	233 91.4%
Lewis	144	144 100.0%	0 0.0%	0 0.0%	0 0.0%	140 97.2%	140 97.2%	144 100.0%	144 100.0%	142 98.6%
Lincoln	284	282 99.3%	0 0.0%	2 0.7%	0 0.0%	251 88.4%	250 88.0%	282 99.3%	282 99.3%	244 85.9%
Livingston	85	82 96.5%	0 0.0%	1 1.2%	2 2.4%	48 56.5%	47 55.3%	80 94.1%	81 95.3%	56 65.9%
Logan	316	302 95.6%	4 1.3%	0 0.0%	10 3.2%	259 82.0%	255 80.7%	311 98.4%	312 98.7%	273 86.4%
Lyon	65	64 98.5%	0 0.0%	0 0.0%	1 1.5%	53 81.5%	50 76.9%	64 98.5%	64 98.5%	52 80.0%
Madison	944	918 97.2%	8 0.8%	12 1.3%	6 0.6%	847 89.7%	843 89.3%	929 98.4%	930 98.5%	875 92.7%
Magoffin	156	153 98.1%	0 0.0%	0 0.0%	3 1.9%	79 50.6%	77 49.4%	154 98.7%	153 98.1%	92 59.0%
Marion	251	247 98.4%	0 0.0%	1 0.4%	3 1.2%	214 85.3%	220 87.6%	245 97.6%	245 97.6%	249 99.2%
Marshall	388	375 96.6%	2 0.5%	1 0.3%	10 2.6%	371 95.6%	370 95.4%	381 98.2%	378 97.4%	368 94.8%
Martin	158	148 93.7%	4 2.5%	0 0.0%	6 3.8%	154 97.5%	154 97.5%	156 98.7%	158 100.0%	148 93.7%
Mason	202	196 97.0%	1 0.5%	0 0.0%	5 2.5%	95 47.0%	92 45.5%	196 97.0%	196 97.0%	131 64.9%
McCracken	755	743 98.4%	2 0.3%	9 1.2%	1 0.1%	691 91.5%	688 91.1%	747 98.9%	745 98.7%	709 93.9%
McCreary	209	208 99.5%	0 0.0%	1 0.5%	0 0.0%	201 96.2%	188 90.0%	209 100.0%	208 99.5%	200 95.7%

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APPENDIX D-2

County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	Tdap	MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)	54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
McLean	119	115 96.6%	0 0.0%	4 3.4%	0 0.0%	115 96.6%	115 96.6%	116 97.5%	116 97.5%	116 97.5%
Meade	369	366 99.2%	2 0.5%	1 0.3%	0 0.0%	361 97.8%	361 97.8%	369 100.0%	369 100.0%	359 97.3%
Menifee	89	89 100.0%	0 0.0%	0 0.0%	0 0.0%	75 84.3%	74 83.1%	89 100.0%	89 100.0%	79 88.8%
Mercer	252	252 100.0%	0 0.0%	0 0.0%	0 0.0%	248 98.4%	251 99.6%	250 99.2%	252 100.0%	251 99.6%
Metcalfe	115	115 100.0%	0 0.0%	0 0.0%	0 0.0%	95 82.6%	92 80.0%	113 98.3%	112 97.4%	103 89.6%
Monroe	132	131 99.2%	0 0.0%	0 0.0%	1 0.8%	110 83.3%	110 83.3%	132 100.0%	132 100.0%	108 81.8%
Montgomery	356	337 94.7%	5 1.4%	1 0.3%	13 3.7%	351 98.6%	290 81.5%	343 96.3%	350 98.3%	314 88.2%
Morgan	157	155 98.7%	1 0.6%	1 0.6%	0 0.0%	145 92.4%	146 93.0%	157 100.0%	156 99.4%	151 96.2%
Muhlenberg	360	352 97.8%	4 1.1%	3 0.8%	1 0.3%	313 86.9%	309 85.8%	356 98.9%	354 98.3%	312 86.7%
Nelson	618	600 97.1%	2 0.3%	4 0.6%	12 1.9%	452 73.1%	452 73.1%	577 93.4%	596 96.4%	538 87.1%
Nicholas	84	83 98.8%	0 0.0%	1 1.2%	0 0.0%	83 98.8%	79 94.0%	81 96.4%	81 96.4%	78 92.9%
Ohio	284	274 96.5%	0 0.0%	0 0.0%	10 3.5%	194 68.3%	191 67.3%	269 94.7%	270 95.1%	205 72.2%
Oldham	1,023	1,002 97.9%	2 0.2%	14 1.4%	5 0.5%	977 95.5%	976 95.4%	1,008 98.5%	1,006 98.3%	988 96.6%
Owen	126	123 97.6%	0 0.0%	1 0.8%	2 1.6%	123 97.6%	123 97.6%	123 97.6%	123 97.6%	123 97.6%
Owsley	54	49 90.7%	1 1.9%	0 0.0%	4 7.4%	6 11.1%	6 11.1%	49 90.7%	50 92.6%	13 24.1%
Pendleton	175	173 98.9%	1 0.6%	1 0.6%	0 0.0%	173 98.9%	174 99.4%	175 100.0%	173 98.9%	173 98.9%
Perry	390	387 99.2%	0 0.0%	0 0.0%	3 0.8%	354 90.8%	353 90.5%	387 99.2%	386 99.0%	362 92.8%
Pike	775	767 99.0%	3 0.4%	1 0.1%	4 0.5%	623 80.4%	623 80.4%	768 99.1%	766 98.8%	711 91.7%
Powell	170	167 98.2%	1 0.6%	1 0.6%	1 0.6%	64 37.6%	64 37.6%	167 98.2%	167 98.2%	111 65.3%
Pulaski	836	822 98.3%	3 0.4%	2 0.2%	9 1.1%	742 88.8%	739 88.4%	822 98.3%	825 98.7%	755 90.3%

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County	Total # of Students	Current Cert.	Medical Exempt	Religious Exempt	Missing Cert.	Tdap	MCV	3 HepB	2 MMR	2 VAR
Kentucky (Total)	54,358	53,113 97.7%	217 0.4%	277 0.5%	751 1.4%	45,915 84.5%	45,181 83.1%	52,969 97.4%	53,120 97.7%	48,292 88.8%
Robertson	27	26 96.3%	0 0.0%	1 3.7%	0 0.0%	25 92.6%	26 96.3%	26 96.3%	26 96.3%	26 96.3%
Rockcastle	210	208 99.0%	1 0.5%	1 0.5%	0 0.0%	207 98.6%	209 99.5%	210 100.0%	210 100.0%	208 99.0%
Rowan	246	239 97.2%	3 1.2%	2 0.8%	2 0.8%	133 54.1%	130 52.8%	244 99.2%	242 98.4%	169 68.7%
Russell	213	212 99.5%	0 0.0%	1 0.5%	0 0.0%	209 98.1%	209 98.1%	212 99.5%	212 99.5%	209 98.1%
Scott	695	669 96.3%	0 0.0%	3 0.4%	23 3.3%	477 68.6%	411 59.1%	623 89.6%	658 94.7%	467 67.2%
Shelby	563	549 97.5%	5 0.9%	2 0.4%	7 1.2%	439 78.0%	432 76.7%	541 96.1%	546 97.0%	479 85.1%
Simpson	227	221 97.4%	1 0.4%	1 0.4%	4 1.8%	205 90.3%	197 86.8%	221 97.4%	220 96.9%	210 92.5%
Spencer	227	226 99.6%	1 0.4%	0 0.0%	0 0.0%	227 100.0%	227 100.0%	227 100.0%	226 99.6%	227 100.0%
Taylor	315	311 98.7%	1 0.3%	3 1.0%	0 0.0%	253 80.3%	253 80.3%	310 98.4%	305 96.8%	269 85.4%
Todd	153	146 95.4%	0 0.0%	0 0.0%	7 4.6%	106 69.3%	104 68.0%	146 95.4%	146 95.4%	119 77.8%
Trigg	152	152 100.0%	0 0.0%	0 0.0%	0 0.0%	144 94.7%	141 92.8%	152 100.0%	152 100.0%	148 97.4%
Trimble	105	104 99.0%	1 1.0%	0 0.0%	0 0.0%	104 99.0%	105 100.0%	105 100.0%	105 100.0%	105 100.0%
Union	205	202 98.5%	1 0.5%	1 0.5%	1 0.5%	199 97.1%	202 98.5%	203 99.0%	203 99.0%	198 96.6%
Warren	1,292	1,251 96.8%	23 1.8%	2 0.2%	16 1.2%	1,009 78.1%	955 73.9%	1,258 97.4%	1,261 97.6%	1,047 81.0%
Washington	156	152 97.4%	2 1.3%	0 0.0%	2 1.3%	130 83.3%	124 79.5%	152 97.4%	150 96.2%	141 90.4%
Wayne	265	264 99.6%	1 0.4%	0 0.0%	0 0.0%	265 100.0%	265 100.0%	265 100.0%	265 100.0%	265 100.0%
Webster	175	160 91.4%	0 0.0%	0 0.0%	15 8.6%	122 69.7%	123 70.3%	157 89.7%	159 90.9%	128 73.1%
Whitley	614	600 97.7%	1 0.2%	6 1.0%	7 1.1%	456 74.3%	462 75.2%	603 98.2%	602 98.0%	485 79.0%
Wolfe	91	91 100.0%	0 0.0%	0 0.0%	0 0.0%	48 52.7%	48 52.7%	90 98.9%	89 97.8%	51 56.0%
Woodford	357	355 99.4%	1 0.3%	1 0.3%	0 0.0%	345 96.6%	343 96.1%	354 99.2%	355 99.4%	348 97.5%

APPENDIX E

County Ranking by Average Compliance for All Five Vaccines

KINDERGARTEN - Sorted by County Name in Alphabetical Order (E-1)

KINDERGARTEN - Sorted by County Ranking from Highest to Lowest (E-2)

SIXTH GRADE - Sorted by County Name in Alphabetical Order (E-4)




SIXTH GRADE - Sorted by County Ranking from Highest to Lowest (E-4)



Appendix E: County Rankings

Each of these age-specific reports for both Kindergarten (Appendix E-1 and Appendix E-2) and Sixth Grade (Appendix E-3 and Appendix E-4) provides the county rankings by average compliance for all five age-appropriate vaccinations surveyed in alphabetical order (Appendix E-1 and Appendix E-3), or by highest to lowest county ranking (Appendix E-2 and Appendix E-4).

This report lists the county totals/coverage rates, with coverage rates (percentage) for each certificate type, age-appropriate vaccinations, and the average compliance for all five vaccinations surveyed. Using an arithmetic average of children having the minimum number of doses for each immunization, as reported by each school indicating vaccination compliance, counties were ranked into three groups:

- County ranking with an average of 95% or greater has been highlighted in ,
- County ranking with an average between 90% and < 95% has been highlighted in ,
- County ranking with an average <90% has been highlighted in .

Several objectives for Immunizations are defined by Healthy People 2020 (HP 2020), <http://www.healthypeople.gov/2020/topics-objectives/topic/immunization-and-infectious-diseases>. The attainment of age-appropriate target measures for these Objectives is used annually by the Kentucky Immunization Program to identify schools that have been successful with vaccination compliance for school age children in the survey year.


The age-appropriate HP 2020 target measures are assessed in school, as follows:

Kindergarten:

- Greater than 95% for 4+ DTaP, 3+ Polio, 3+ HepB, 2 MMR, and 2 Varicella;

Sixth Grade:

- Greater than 95% for 3+ HepB and 2 MMR,
- Greater than 90% for 2 Varicella, and
- Greater than 80% for 1 Tdap and 1 MCV.

If any of the age-appropriate HP 2020 target measures were not met at a school, the cell in the corresponding vaccine (COLUMN) for a given school (ROW) has been highlighted red .

2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-1

Sorted by County Name in Alphabetical Order

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Adair	201	95.5%	100.0%	99.5%	98.5%	98.0%	98.31%	19
Allen	250	98.4%	99.2%	99.6%	99.6%	98.8%	99.12%	10
Anderson	288	97.2%	95.8%	96.5%	94.4%	93.4%	95.49%	56
Ballard	92	97.8%	98.9%	100.0%	97.8%	97.8%	98.48%	17
Barren	651	96.5%	96.8%	97.1%	95.4%	95.2%	96.19%	48
Bath	173	92.5%	92.5%	89.6%	86.1%	87.3%	89.60%	91
Bell	386	90.4%	90.4%	90.4%	83.9%	84.7%	87.98%	100
Boone	1,780	97.4%	97.9%	97.9%	97.6%	97.0%	97.56%	34
Bourbon	266	98.1%	98.1%	98.1%	96.2%	97.4%	97.59%	33
Boyd	574	93.9%	95.1%	93.9%	91.3%	90.2%	92.89%	74
Boyle	339	91.4%	91.7%	90.9%	91.2%	89.4%	90.91%	89
Bracken	136	94.9%	91.9%	94.9%	91.9%	89.7%	92.65%	77
Breathitt	169	85.2%	85.2%	89.9%	77.5%	78.1%	83.20%	116
Breckinridge	258	95.0%	95.0%	94.2%	92.6%	91.5%	93.64%	69
Bullitt	990	94.9%	95.1%	94.7%	93.2%	93.3%	94.26%	63
Butler	176	94.3%	94.9%	92.6%	89.8%	88.6%	92.05%	85
Caldwell	144	96.5%	96.5%	94.4%	96.5%	93.1%	95.42%	57
Calloway	415	97.6%	97.8%	97.8%	97.3%	96.9%	97.49%	36
Campbell	976	97.1%	97.2%	97.8%	97.2%	97.0%	97.30%	38
Carlisle	67	91.0%	91.0%	89.6%	88.1%	86.6%	89.25%	92
Carroll	190	86.8%	86.3%	90.0%	85.3%	82.1%	86.11%	107
Carter	347	96.5%	97.4%	97.1%	93.1%	92.2%	95.27%	58
Casey	184	91.3%	91.3%	90.8%	89.1%	90.8%	90.65%	90
Christian	831	93.5%	94.1%	93.7%	91.9%	91.1%	92.88%	75
Clark	466	93.1%	92.7%	92.9%	90.8%	90.1%	91.93%	86
Clay	338	94.1%	93.8%	91.7%	91.4%	91.1%	92.43%	79
Clinton	150	96.0%	98.7%	98.7%	98.0%	98.7%	98.00%	25
Crittenden	104	89.4%	89.4%	88.5%	87.5%	87.5%	88.46%	97
Cumberland	78	98.7%	98.7%	98.7%	97.4%	97.4%	98.21%	20
Daviess	1313	93.5%	93.8%	93.1%	91.2%	89.4%	92.20%	81

2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-1

Sorted by County Name in Alphabetical Order

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Edmonson	148	99.3%	100.0%	98.0%	99.3%	99.3%	99.19%	7
Elliott	99	94.9%	94.9%	92.9%	93.9%	93.9%	94.14%	65
Estill	156	88.5%	88.5%	87.2%	82.1%	81.4%	85.51%	109
Fayette	3,808	96.3%	95.8%	93.7%	94.7%	94.2%	94.96%	61
Fleming	199	99.0%	99.0%	99.5%	98.5%	98.5%	98.89%	13
Floyd	573	99.0%	98.8%	99.3%	98.3%	98.3%	98.71%	15
Franklin	653	86.7%	87.0%	86.5%	68.9%	62.6%	78.35%	119
Fulton	87	98.9%	98.9%	100.0%	98.9%	97.7%	98.85%	14
Gallatin	118	84.7%	89.0%	91.5%	85.6%	86.4%	87.46%	103
Garrard	201	88.6%	90.0%	92.5%	86.1%	88.6%	89.15%	95
Grant	375	95.5%	97.3%	96.0%	95.2%	94.7%	95.73%	55
Graves	532	96.8%	96.8%	96.2%	95.5%	94.9%	96.05%	50
Grayson	301	99.7%	99.7%	99.0%	99.0%	99.0%	99.27%	5
Green	153	94.8%	94.8%	93.5%	94.8%	94.1%	94.38%	62
Greenup	495	97.2%	98.0%	97.0%	95.6%	94.7%	96.48%	47
Hancock	102	99.0%	100.0%	100.0%	99.0%	100.0%	99.61%	2
Hardin	992	88.7%	89.2%	88.1%	85.9%	85.6%	87.50%	102
Harlan	370	82.2%	83.2%	83.0%	78.9%	78.9%	81.24%	117
Harrison	235	87.7%	88.5%	88.1%	82.1%	85.1%	86.30%	106
Hart	186	97.8%	99.5%	98.4%	97.8%	96.8%	98.06%	24
Henderson	627	97.8%	98.2%	97.8%	97.4%	97.4%	97.74%	29
Henry	203	98.0%	98.0%	98.0%	97.5%	97.5%	97.83%	27
Hickman	52	100.0%	100.0%	100.0%	96.2%	92.3%	97.69%	30
Hopkins	604	97.4%	98.2%	98.3%	97.4%	97.2%	97.68%	32
Jackson	193	97.9%	97.4%	96.9%	97.9%	97.4%	97.51%	35
Jefferson	9,758	94.1%	94.6%	93.7%	92.6%	91.9%	93.37%	71
Jessamine	628	91.2%	94.4%	91.6%	93.2%	91.6%	92.39%	80
Johnson	320	85.3%	83.4%	85.6%	83.4%	83.1%	84.19%	113
Kenton	2,358	97.3%	97.3%	97.7%	96.3%	95.8%	96.88%	42
Knott	218	91.7%	91.7%	90.8%	91.3%	90.4%	91.19%	87

2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-1

Sorted by County Name in Alphabetical Order

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Knox	438	81.3%	81.7%	79.0%	79.2%	78.8%	80.00%	118
Larue	171	87.1%	87.7%	87.1%	86.0%	85.4%	86.67%	105
Laurel	814	86.6%	87.5%	84.5%	84.8%	84.2%	85.50%	110
Lawrence	249	96.4%	98.0%	98.4%	95.2%	95.2%	96.63%	44
Lee	86	91.9%	93.0%	91.9%	91.9%	91.9%	92.09%	84
Leslie	148	95.3%	97.3%	97.3%	92.6%	93.9%	95.27%	59
Letcher	296	97.0%	97.3%	97.3%	96.6%	96.3%	96.89%	41
Lewis	191	98.4%	99.0%	99.0%	96.9%	96.3%	97.91%	26
Lincoln	312	97.4%	98.1%	97.8%	96.5%	96.5%	97.24%	39
Livingston	97	87.6%	87.6%	86.6%	82.5%	79.4%	84.74%	111
Logan	311	84.2%	84.9%	86.2%	83.9%	82.6%	84.37%	112
Lyon	74	98.6%	98.6%	94.6%	94.6%	93.2%	95.95%	54
Madison	1,053	97.4%	97.4%	97.2%	95.6%	95.0%	96.54%	45
Magoffin	173	90.8%	91.9%	91.9%	86.1%	85.5%	89.25%	93
Marion	285	98.6%	98.6%	98.6%	96.5%	98.6%	98.18%	21
Marshall	407	93.9%	93.9%	93.9%	93.1%	93.6%	93.66%	68
Martin	165	99.4%	99.4%	99.4%	98.2%	99.4%	99.15%	8
Mason	219	88.1%	88.1%	86.3%	78.5%	78.1%	83.84%	115
McCracken	672	94.5%	94.2%	94.3%	90.2%	90.6%	92.77%	76
McCreary	210	98.6%	98.6%	99.0%	96.2%	96.7%	97.81%	28
McLean	119	96.6%	97.5%	96.6%	94.1%	95.0%	95.97%	52
Meade	350	99.1%	99.1%	99.1%	99.4%	99.4%	99.26%	6
Menifee	81	100.0%	100.0%	100.0%	100.0%	100.0%	100.00%	1
Mercer	275	99.6%	99.3%	99.3%	98.9%	99.6%	99.35%	4
Metcalfe	135	89.6%	89.6%	89.6%	89.6%	85.2%	88.74%	96
Monroe	153	93.5%	92.8%	92.8%	92.8%	92.8%	92.94%	73
Montgomery	422	85.8%	86.0%	88.2%	85.1%	85.1%	86.02%	108
Morgan	158	98.1%	98.1%	98.1%	95.6%	94.9%	96.96%	40
Muhlenberg	355	92.7%	92.4%	90.7%	90.4%	89.6%	91.15%	88
Nelson	568	84.9%	85.6%	85.2%	82.0%	81.9%	83.91%	114



2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-1

Sorted by County Name in Alphabetical Order

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Nicholas	95	96.8%	98.9%	97.9%	94.7%	94.7%	96.63%	43
Ohio	335	88.4%	89.0%	89.0%	85.4%	85.4%	87.40%	104
Oldham	816	97.9%	97.9%	97.2%	97.1%	96.8%	97.38%	37
Owen	135	95.6%	96.3%	95.6%	97.0%	95.6%	96.00%	51
Owsley	65	96.9%	93.8%	96.9%	86.2%	95.4%	93.85%	66
Pendleton	182	98.4%	98.4%	98.9%	96.7%	96.2%	97.69%	31
Perry	401	94.8%	95.5%	94.5%	92.3%	94.0%	94.21%	64
Pike	796	98.5%	99.1%	98.9%	98.0%	97.7%	98.44%	18
Powell	176	89.2%	89.2%	88.1%	86.4%	86.4%	87.84%	101
Pulaski	831	98.4%	98.8%	98.6%	97.6%	97.0%	98.07%	23
Robertson	19	100.0%	100.0%	94.7%	100.0%	100.0%	98.95%	12
Rockcastle	213	96.7%	97.2%	97.2%	95.8%	95.8%	96.53%	46
Rowan	280	93.2%	93.9%	94.6%	90.7%	90.4%	92.57%	78
Russell	272	99.6%	99.6%	99.3%	98.9%	98.2%	99.12%	11
Scott	733	88.8%	89.2%	86.8%	86.4%	89.1%	88.05%	99
Shelby	547	94.3%	94.1%	93.8%	92.5%	90.9%	93.13%	72
Simpson	213	98.6%	99.1%	98.6%	96.7%	97.7%	98.12%	22
Spencer	195	99.0%	99.0%	99.0%	97.9%	98.5%	98.67%	16
Taylor	327	92.4%	85.9%	96.3%	95.4%	96.9%	93.39%	70
Todd	149	75.8%	76.5%	73.8%	71.8%	71.1%	73.83%	120
Trigg	142	92.3%	93.0%	91.5%	92.3%	91.5%	92.11%	83
Trimble	124	91.1%	92.7%	91.9%	85.5%	84.7%	89.19%	94
Union	184	99.5%	100.0%	98.4%	99.5%	99.5%	99.35%	3
Warren	1361	95.5%	95.4%	94.3%	95.2%	94.8%	95.03%	60
Washington	179	94.4%	94.4%	94.4%	93.3%	92.2%	93.74%	67
Wayne	234	99.1%	99.1%	99.1%	99.1%	99.1%	99.15%	9
Webster	184	89.1%	89.7%	89.1%	87.0%	86.4%	88.26%	98
Whitley	569	96.3%	96.8%	96.8%	94.6%	95.3%	95.96%	53
Wolfe	97	91.8%	92.8%	91.8%	91.8%	92.8%	92.16%	82
Woodford	321	97.5%	97.5%	96.0%	95.3%	94.4%	96.14%	49



2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-2

Sorted by County Ranking from Highest to Lowest

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Menifee	81	100.0%	100.0%	100.0%	100.0%	100.0%	100.00%	1
Hancock	102	99.0%	100.0%	100.0%	99.0%	100.0%	99.61%	2
Union	184	99.5%	100.0%	98.4%	99.5%	99.5%	99.35%	3
Mercer	275	99.6%	99.3%	99.3%	98.9%	99.6%	99.35%	4
Grayson	301	99.7%	99.7%	99.0%	99.0%	99.0%	99.27%	5
Meade	350	99.1%	99.1%	99.1%	99.4%	99.4%	99.26%	6
Edmonson	148	99.3%	100.0%	98.0%	99.3%	99.3%	99.19%	7
Martin	165	99.4%	99.4%	99.4%	98.2%	99.4%	99.15%	8
Wayne	234	99.1%	99.1%	99.1%	99.1%	99.1%	99.15%	9
Allen	250	98.4%	99.2%	99.6%	99.6%	98.8%	99.12%	10
Russell	272	99.6%	99.6%	99.3%	98.9%	98.2%	99.12%	11
Robertson	19	100.0%	100.0%	94.7%	100.0%	100.0%	98.95%	12
Fleming	199	99.0%	99.0%	99.5%	98.5%	98.5%	98.89%	13
Fulton	87	98.9%	98.9%	100.0%	98.9%	97.7%	98.85%	14
Floyd	573	99.0%	98.8%	99.3%	98.3%	98.3%	98.71%	15
Spencer	195	99.0%	99.0%	99.0%	97.9%	98.5%	98.67%	16
Ballard	92	97.8%	98.9%	100.0%	97.8%	97.8%	98.48%	17
Pike	796	98.5%	99.1%	98.9%	98.0%	97.7%	98.44%	18
Adair	201	95.5%	100.0%	99.5%	98.5%	98.0%	98.31%	19
Cumberland	78	98.7%	98.7%	98.7%	97.4%	97.4%	98.21%	20
Marion	285	98.6%	98.6%	98.6%	96.5%	98.6%	98.18%	21
Simpson	213	98.6%	99.1%	98.6%	96.7%	97.7%	98.12%	22
Pulaski	831	98.4%	98.8%	98.6%	97.6%	97.0%	98.07%	23
Hart	186	97.8%	99.5%	98.4%	97.8%	96.8%	98.06%	24
Clinton	150	96.0%	98.7%	98.7%	98.0%	98.7%	98.00%	25
Lewis	191	98.4%	99.0%	99.0%	96.9%	96.3%	97.91%	26
Henry	203	98.0%	98.0%	98.0%	97.5%	97.5%	97.83%	27
McCreary	210	98.6%	98.6%	99.0%	96.2%	96.7%	97.81%	28
Henderson	627	97.8%	98.2%	97.8%	97.4%	97.4%	97.74%	29
Hickman	52	100.0%	100.0%	100.0%	96.2%	92.3%	97.69%	30

2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-2

Sorted by County Ranking from Highest to Lowest

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Pendleton	182	98.4%	98.4%	98.9%	96.7%	96.2%	97.69%	31
Hopkins	604	97.4%	98.2%	98.3%	97.4%	97.2%	97.68%	32
Bourbon	266	98.1%	98.1%	98.1%	96.2%	97.4%	97.59%	33
Boone	1,780	97.4%	97.9%	97.9%	97.6%	97.0%	97.56%	34
Jackson	193	97.9%	97.4%	96.9%	97.9%	97.4%	97.51%	35
Calloway	415	97.6%	97.8%	97.8%	97.3%	96.9%	97.49%	36
Oldham	816	97.9%	97.9%	97.2%	97.1%	96.8%	97.38%	37
Campbell	976	97.1%	97.2%	97.8%	97.2%	97.0%	97.30%	38
Lincoln	312	97.4%	98.1%	97.8%	96.5%	96.5%	97.24%	39
Morgan	158	98.1%	98.1%	98.1%	95.6%	94.9%	96.96%	40
Letcher	296	97.0%	97.3%	97.3%	96.6%	96.3%	96.89%	41
Kenton	2,358	97.3%	97.3%	97.7%	96.3%	95.8%	96.88%	42
Nicholas	95	96.8%	98.9%	97.9%	94.7%	94.7%	96.63%	43
Lawrence	249	96.4%	98.0%	98.4%	95.2%	95.2%	96.63%	44
Madison	1,053	97.4%	97.4%	97.2%	95.6%	95.0%	96.54%	45
Rockcastle	213	96.7%	97.2%	97.2%	95.8%	95.8%	96.53%	46
Greenup	495	97.2%	98.0%	97.0%	95.6%	94.7%	96.48%	47
Barren	651	96.5%	96.8%	97.1%	95.4%	95.2%	96.19%	48
Woodford	321	97.5%	97.5%	96.0%	95.3%	94.4%	96.14%	49
Graves	532	96.8%	96.8%	96.2%	95.5%	94.9%	96.05%	50
Owen	135	95.6%	96.3%	95.6%	97.0%	95.6%	96.00%	51
McLean	119	96.6%	97.5%	96.6%	94.1%	95.0%	95.97%	52
Whitley	569	96.3%	96.8%	96.8%	94.6%	95.3%	95.96%	53
Lyon	74	98.6%	98.6%	94.6%	94.6%	93.2%	95.95%	54
Grant	375	95.5%	97.3%	96.0%	95.2%	94.7%	95.73%	55
Anderson	288	97.2%	95.8%	96.5%	94.4%	93.4%	95.49%	56
Caldwell	144	96.5%	96.5%	94.4%	96.5%	93.1%	95.42%	57
Carter	347	96.5%	97.4%	97.1%	93.1%	92.2%	95.27%	58
Leslie	148	95.3%	97.3%	97.3%	92.6%	93.9%	95.27%	59
Warren	1361	95.5%	95.4%	94.3%	95.2%	94.8%	95.03%	60



2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-2

Sorted by County Ranking from Highest to Lowest

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Fayette	3,808	96.3%	95.8%	93.7%	94.7%	94.2%	94.96%	61
Green	153	94.8%	94.8%	93.5%	94.8%	94.1%	94.38%	62
Bullitt	990	94.9%	95.1%	94.7%	93.2%	93.3%	94.26%	63
Perry	401	94.8%	95.5%	94.5%	92.3%	94.0%	94.21%	64
Elliott	99	94.9%	94.9%	92.9%	93.9%	93.9%	94.14%	65
Owsley	65	96.9%	93.8%	96.9%	86.2%	95.4%	93.85%	66
Washington	179	94.4%	94.4%	94.4%	93.3%	92.2%	93.74%	67
Marshall	407	93.9%	93.9%	93.9%	93.1%	93.6%	93.66%	68
Breckinridge	258	95.0%	95.0%	94.2%	92.6%	91.5%	93.64%	69
Taylor	327	92.4%	85.9%	96.3%	95.4%	96.9%	93.39%	70
Jefferson	9,758	94.1%	94.6%	93.7%	92.6%	91.9%	93.37%	71
Shelby	547	94.3%	94.1%	93.8%	92.5%	90.9%	93.13%	72
Monroe	153	93.5%	92.8%	92.8%	92.8%	92.8%	92.94%	73
Boyd	574	93.9%	95.1%	93.9%	91.3%	90.2%	92.89%	74
Christian	831	93.5%	94.1%	93.7%	91.9%	91.1%	92.88%	75
McCracken	672	94.5%	94.2%	94.3%	90.2%	90.6%	92.77%	76
Bracken	136	94.9%	91.9%	94.9%	91.9%	89.7%	92.65%	77
Rowan	280	93.2%	93.9%	94.6%	90.7%	90.4%	92.57%	78
Clay	338	94.1%	93.8%	91.7%	91.4%	91.1%	92.43%	79
Jessamine	628	91.2%	94.4%	91.6%	93.2%	91.6%	92.39%	80
Daviess	1313	93.5%	93.8%	93.1%	91.2%	89.4%	92.20%	81
Wolfe	97	91.8%	92.8%	91.8%	91.8%	92.8%	92.16%	82
Trigg	142	92.3%	93.0%	91.5%	92.3%	91.5%	92.11%	83
Lee	86	91.9%	93.0%	91.9%	91.9%	91.9%	92.09%	84
Butler	176	94.3%	94.9%	92.6%	89.8%	88.6%	92.05%	85
Clark	466	93.1%	92.7%	92.9%	90.8%	90.1%	91.93%	86
Knott	218	91.7%	91.7%	90.8%	91.3%	90.4%	91.19%	87
Muhlenberg	355	92.7%	92.4%	90.7%	90.4%	89.6%	91.15%	88
Boyle	339	91.4%	91.7%	90.9%	91.2%	89.4%	90.91%	89
Casey	184	91.3%	91.3%	90.8%	89.1%	90.8%	90.65%	90

2014-2015 Annual School Immunization Survey--Kindergarten Results

APPENDIX E-2

Sorted by County Ranking from Highest to Lowest

County	Total # of Students	4+ DTaP	3+ Polio	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	56,238	94.4%	94.7%	94.1%	92.7%	92.3%	93.64%	
Bath	173	92.5%	92.5%	89.6%	86.1%	87.3%	89.60%	91
Carlisle	67	91.0%	91.0%	89.6%	88.1%	86.6%	89.25%	92
Magoffin	173	90.8%	91.9%	91.9%	86.1%	85.5%	89.25%	93
Trimble	124	91.1%	92.7%	91.9%	85.5%	84.7%	89.19%	94
Garrard	201	88.6%	90.0%	92.5%	86.1%	88.6%	89.15%	95
Metcalfe	135	89.6%	89.6%	89.6%	89.6%	85.2%	88.74%	96
Crittenden	104	89.4%	89.4%	88.5%	87.5%	87.5%	88.46%	97
Webster	184	89.1%	89.7%	89.1%	87.0%	86.4%	88.26%	98
Scott	733	88.8%	89.2%	86.8%	86.4%	89.1%	88.05%	99
Bell	386	90.4%	90.4%	90.4%	83.9%	84.7%	87.98%	100
Powell	176	89.2%	89.2%	88.1%	86.4%	86.4%	87.84%	101
Hardin	992	88.7%	89.2%	88.1%	85.9%	85.6%	87.50%	102
Gallatin	118	84.7%	89.0%	91.5%	85.6%	86.4%	87.46%	103
Ohio	335	88.4%	89.0%	89.0%	85.4%	85.4%	87.40%	104
Larue	171	87.1%	87.7%	87.1%	86.0%	85.4%	86.67%	105
Harrison	235	87.7%	88.5%	88.1%	82.1%	85.1%	86.30%	106
Carroll	190	86.8%	86.3%	90.0%	85.3%	82.1%	86.11%	107
Montgomery	422	85.8%	86.0%	88.2%	85.1%	85.1%	86.02%	108
Estill	156	88.5%	88.5%	87.2%	82.1%	81.4%	85.51%	109
Laurel	814	86.6%	87.5%	84.5%	84.8%	84.2%	85.50%	110
Livingston	97	87.6%	87.6%	86.6%	82.5%	79.4%	84.74%	111
Logan	311	84.2%	84.9%	86.2%	83.9%	82.6%	84.37%	112
Johnson	320	85.3%	83.4%	85.6%	83.4%	83.1%	84.19%	113
Nelson	568	84.9%	85.6%	85.2%	82.0%	81.9%	83.91%	114
Mason	219	88.1%	88.1%	86.3%	78.5%	78.1%	83.84%	115
Breathitt	169	85.2%	85.2%	89.9%	77.5%	78.1%	83.20%	116
Harlan	370	82.2%	83.2%	83.0%	78.9%	78.9%	81.24%	117
Knox	438	81.3%	81.7%	79.0%	79.2%	78.8%	80.00%	118
Franklin	653	86.7%	87.0%	86.5%	68.9%	62.6%	78.35%	119
Todd	149	75.8%	76.5%	73.8%	71.8%	71.1%	73.83%	120



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX E-3

Sorted by County Name in Alphabetical Order

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Adair	218	93.1%	89.4%	98.2%	97.2%	91.3%	93.9%	53
Allen	239	97.1%	89.5%	97.5%	98.3%	94.1%	95.3%	42
Anderson	296	96.6%	88.2%	96.6%	96.6%	92.6%	94.1%	50
Ballard	105	98.1%	97.1%	100.0%	100.0%	97.1%	98.5%	13
Barren	518	82.2%	82.0%	90.9%	91.1%	88.6%	87.0%	83
Bath	158	58.9%	58.9%	98.1%	98.1%	98.1%	82.4%	98
Bell	380	30.0%	28.4%	91.8%	91.3%	46.6%	57.6%	119
Boone	1,911	95.8%	95.1%	98.7%	98.5%	96.3%	96.9%	29
Bourbon	233	83.7%	83.3%	98.3%	99.6%	85.0%	90.0%	68
Boyd	572	78.1%	77.4%	97.2%	96.9%	79.9%	85.9%	90
Boyle	368	97.0%	76.4%	95.4%	98.1%	82.1%	89.8%	69
Bracken	125	85.6%	82.4%	97.6%	90.4%	88.0%	88.8%	76
Breathitt	194	68.0%	64.4%	97.4%	93.8%	73.7%	79.5%	103
Breckinridge	261	95.4%	94.6%	99.2%	97.7%	95.4%	96.5%	34
Bullitt	1,079	79.0%	77.5%	98.4%	98.4%	88.0%	88.3%	79
Butler	159	59.7%	57.9%	97.5%	96.9%	70.4%	76.5%	108
Caldwell	152	94.1%	92.1%	98.7%	98.7%	86.2%	93.9%	51
Calloway	382	94.2%	94.0%	96.1%	96.1%	95.0%	95.1%	44
Campbell	1,026	94.6%	94.2%	98.9%	98.7%	96.1%	96.5%	33
Carlisle	58	94.8%	94.8%	96.6%	96.6%	89.7%	94.5%	48
Carroll	139	69.8%	69.8%	95.7%	94.2%	75.5%	81.0%	100
Carter	333	98.8%	98.5%	99.7%	99.4%	98.8%	99.0%	8
Casey	164	95.1%	93.9%	98.8%	98.8%	97.0%	96.7%	32
Christian	778	74.9%	72.8%	99.1%	98.1%	86.6%	86.3%	88
Clark	444	62.2%	62.4%	97.5%	94.1%	73.4%	77.9%	105
Clay	288	78.8%	76.4%	96.5%	96.9%	85.1%	86.7%	84
Clinton	127	96.1%	95.3%	100.0%	100.0%	100.0%	98.3%	15
Crittenden	106	93.4%	96.2%	99.1%	100.0%	96.2%	97.0%	26
Cumberland	76	61.8%	56.6%	98.7%	100.0%	100.0%	83.4%	97
Daviess	1,263	93.0%	92.2%	99.0%	99.0%	93.3%	95.3%	43



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX E-3

Sorted by County Name in Alphabetical Order

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Edmonson	135	74.8%	74.1%	98.5%	98.5%	84.4%	86.1%	89
Elliott	84	92.9%	91.7%	100.0%	100.0%	92.9%	95.5%	41
Estill	176	77.8%	76.7%	97.7%	96.0%	84.7%	86.6%	85
Fayette	3,485	74.0%	72.1%	97.2%	97.2%	86.8%	85.5%	92
Fleming	198	99.0%	98.0%	100.0%	100.0%	97.0%	98.8%	9
Floyd	456	96.5%	96.9%	99.8%	99.6%	98.5%	98.2%	16
Franklin	587	56.2%	54.7%	91.7%	91.8%	67.5%	72.4%	113
Fulton	81	98.8%	98.8%	100.0%	100.0%	100.0%	99.5%	4
Gallatin	124	96.0%	96.0%	98.4%	98.4%	96.0%	96.9%	28
Garrard	213	81.2%	79.8%	99.5%	97.2%	84.0%	88.4%	78
Grant	339	77.6%	75.5%	96.2%	96.8%	86.7%	86.5%	87
Graves	459	84.7%	83.9%	93.2%	93.0%	87.4%	88.5%	77
Grayson	323	96.6%	96.0%	99.4%	99.4%	98.1%	97.9%	18
Green	122	96.7%	95.9%	97.5%	95.9%	97.5%	96.7%	31
Greenup	493	84.0%	82.8%	98.8%	98.4%	83.8%	89.5%	72
Hancock	125	96.8%	97.6%	99.2%	98.4%	96.0%	97.6%	22
Hardin	1135	87.8%	83.3%	99.5%	98.8%	91.5%	92.1%	64
Harlan	378	65.6%	63.8%	94.7%	93.9%	67.2%	77.0%	106
Harrison	235	83.4%	83.8%	96.2%	95.7%	82.1%	88.3%	80
Hart	148	98.0%	96.6%	98.0%	100.0%	93.9%	97.3%	24
Henderson	559	90.2%	92.7%	99.5%	99.3%	93.4%	95.0%	45
Henry	244	97.1%	97.5%	99.6%	99.2%	98.0%	98.3%	14
Hickman	44	90.9%	90.9%	100.0%	100.0%	90.9%	94.5%	47
Hopkins	553	90.4%	90.4%	96.9%	96.6%	94.4%	93.7%	55
Jackson	164	97.0%	96.3%	98.8%	98.8%	97.6%	97.7%	20
Jefferson	9,335	88.8%	88.0%	98.4%	98.2%	94.3%	93.5%	57
Jessamine	571	92.5%	93.0%	93.2%	96.0%	94.6%	93.8%	54
Johnson	318	81.1%	81.4%	98.1%	98.7%	84.9%	88.9%	75
Kenton	2,148	94.0%	93.0%	99.3%	99.3%	96.0%	96.3%	35
Knott	186	77.4%	75.8%	96.2%	95.2%	78.5%	84.6%	96



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX E-3

Sorted by County Name in Alphabetical Order

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Knox	399	62.7%	62.4%	95.7%	95.2%	68.9%	77.0%	107
Larue	166	74.7%	74.7%	98.2%	98.2%	77.7%	84.7%	94
Laurel	797	48.8%	48.7%	73.9%	94.9%	53.5%	63.9%	118
Lawrence	187	88.8%	88.8%	98.4%	98.4%	92.5%	93.4%	59
Lee	89	59.6%	57.3%	94.4%	94.4%	69.7%	75.1%	110
Leslie	166	69.3%	62.0%	98.8%	98.8%	72.9%	80.4%	101
Letcher	255	92.5%	88.2%	99.2%	98.0%	91.4%	93.9%	52
Lewis	144	97.2%	97.2%	100.0%	100.0%	98.6%	98.6%	11
Lincoln	284	88.4%	88.0%	99.3%	99.3%	85.9%	92.2%	63
Livingston	85	56.5%	55.3%	94.1%	95.3%	65.9%	73.4%	112
Logan	316	82.0%	80.7%	98.4%	98.7%	86.4%	89.2%	74
Lyon	65	81.5%	76.9%	98.5%	98.5%	80.0%	87.1%	82
Madison	944	89.7%	89.3%	98.4%	98.5%	92.7%	93.7%	56
Magoffin	156	50.6%	49.4%	98.7%	98.1%	59.0%	71.2%	115
Marion	251	85.3%	87.6%	97.6%	97.6%	99.2%	93.5%	58
Marshall	388	95.6%	95.4%	98.2%	97.4%	94.8%	96.3%	36
Martin	158	97.5%	97.5%	98.7%	100.0%	93.7%	97.5%	23
Mason	202	47.0%	45.5%	97.0%	97.0%	64.9%	70.3%	116
McCracken	755	91.5%	91.1%	98.9%	98.7%	93.9%	94.8%	46
McCreary	209	96.2%	90.0%	100.0%	99.5%	95.7%	96.3%	37
McLean	119	96.6%	96.6%	97.5%	97.5%	97.5%	97.1%	25
Meade	369	97.8%	97.8%	100.0%	100.0%	97.3%	98.6%	12
Menifee	89	84.3%	83.1%	100.0%	100.0%	88.8%	91.2%	66
Mercer	252	98.4%	99.6%	99.2%	100.0%	99.6%	99.4%	6
Metcalfe	115	82.6%	80.0%	98.3%	97.4%	89.6%	89.6%	71
Monroe	132	83.3%	83.3%	100.0%	100.0%	81.8%	89.7%	70
Montgomery	356	98.6%	81.5%	96.3%	98.3%	88.2%	92.6%	62
Morgan	157	92.4%	93.0%	100.0%	99.4%	96.2%	96.2%	38
Muhlenberg	360	86.9%	85.8%	98.9%	98.3%	86.7%	91.3%	65
Nelson	618	73.1%	73.1%	93.4%	96.4%	87.1%	84.6%	95



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX E-3

Sorted by County Name in Alphabetical Order

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Nicholas	84	98.8%	94.0%	96.4%	96.4%	92.9%	95.7%	39
Ohio	284	68.3%	67.3%	94.7%	95.1%	72.2%	79.5%	102
Oldham	1,023	95.5%	95.4%	98.5%	98.3%	96.6%	96.9%	30
Owen	126	97.6%	97.6%	97.6%	97.6%	97.6%	97.6%	21
Owsley	54	11.1%	11.1%	90.7%	92.6%	24.1%	45.9%	120
Pendleton	175	98.9%	99.4%	100.0%	98.9%	98.9%	99.2%	7
Perry	390	90.8%	90.5%	99.2%	99.0%	92.8%	94.5%	49
Pike	775	80.4%	80.4%	99.1%	98.8%	91.7%	90.1%	67
Powell	170	37.6%	37.6%	98.2%	98.2%	65.3%	67.4%	117
Pulaski	836	88.8%	88.4%	98.3%	98.7%	90.3%	92.9%	60
Robertson	27	92.6%	96.3%	96.3%	96.3%	96.3%	95.6%	40
Rockcastle	210	98.6%	99.5%	100.0%	100.0%	99.0%	99.4%	5
Rowan	246	54.1%	52.8%	99.2%	98.4%	68.7%	74.6%	111
Russell	213	98.1%	98.1%	99.5%	99.5%	98.1%	98.7%	10
Scott	695	68.6%	59.1%	89.6%	94.7%	67.2%	75.9%	109
Shelby	563	78.0%	76.7%	96.1%	97.0%	85.1%	86.6%	86
Simpson	227	90.3%	86.8%	97.4%	96.9%	92.5%	92.8%	61
Spencer	227	100.0%	100.0%	100.0%	99.6%	100.0%	99.9%	2
Taylor	315	80.3%	80.3%	98.4%	96.8%	85.4%	88.3%	81
Todd	153	69.3%	68.0%	95.4%	95.4%	77.8%	81.2%	99
Trigg	152	94.7%	92.8%	100.0%	100.0%	97.4%	97.0%	27
Trimble	105	99.0%	100.0%	100.0%	100.0%	100.0%	99.8%	3
Union	205	97.1%	98.5%	99.0%	99.0%	96.6%	98.0%	17
Warren	1,292	78.1%	73.9%	97.4%	97.6%	81.0%	85.6%	91
Washington	156	83.3%	79.5%	97.4%	96.2%	90.4%	89.4%	73
Wayne	265	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	1
Webster	175	69.7%	70.3%	89.7%	90.9%	73.1%	78.7%	104
Whitley	614	74.3%	75.2%	98.2%	98.0%	79.0%	85.0%	93
Wolfe	91	52.7%	52.7%	98.9%	97.8%	56.0%	71.6%	114
Woodford	357	96.6%	96.1%	99.2%	99.4%	97.5%	97.8%	19



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX E-4

Sorted by County Ranking from Highest to Lowest

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Wayne	265	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	1
Spencer	227	100.0%	100.0%	100.0%	99.6%	100.0%	99.9%	2
Trimble	105	99.0%	100.0%	100.0%	100.0%	100.0%	99.8%	3
Fulton	81	98.8%	98.8%	100.0%	100.0%	100.0%	99.5%	4
Rockcastle	210	98.6%	99.5%	100.0%	100.0%	99.0%	99.4%	5
Mercer	252	98.4%	99.6%	99.2%	100.0%	99.6%	99.4%	6
Pendleton	175	98.9%	99.4%	100.0%	98.9%	98.9%	99.2%	7
Carter	333	98.8%	98.5%	99.7%	99.4%	98.8%	99.0%	8
Fleming	198	99.0%	98.0%	100.0%	100.0%	97.0%	98.8%	9
Russell	213	98.1%	98.1%	99.5%	99.5%	98.1%	98.7%	10
Lewis	144	97.2%	97.2%	100.0%	100.0%	98.6%	98.6%	11
Meade	369	97.8%	97.8%	100.0%	100.0%	97.3%	98.6%	12
Ballard	105	98.1%	97.1%	100.0%	100.0%	97.1%	98.5%	13
Henry	244	97.1%	97.5%	99.6%	99.2%	98.0%	98.3%	14
Clinton	127	96.1%	95.3%	100.0%	100.0%	100.0%	98.3%	15
Floyd	456	96.5%	96.9%	99.8%	99.6%	98.5%	98.2%	16
Union	205	97.1%	98.5%	99.0%	99.0%	96.6%	98.0%	17
Grayson	323	96.6%	96.0%	99.4%	99.4%	98.1%	97.9%	18
Woodford	357	96.6%	96.1%	99.2%	99.4%	97.5%	97.8%	19
Jackson	164	97.0%	96.3%	98.8%	98.8%	97.6%	97.7%	20
Owen	126	97.6%	97.6%	97.6%	97.6%	97.6%	97.6%	21
Hancock	125	96.8%	97.6%	99.2%	98.4%	96.0%	97.6%	22
Martin	158	97.5%	97.5%	98.7%	100.0%	93.7%	97.5%	23
Hart	148	98.0%	96.6%	98.0%	100.0%	93.9%	97.3%	24
McLean	119	96.6%	96.6%	97.5%	97.5%	97.5%	97.1%	25
Crittenden	106	93.4%	96.2%	99.1%	100.0%	96.2%	97.0%	26
Trigg	152	94.7%	92.8%	100.0%	100.0%	97.4%	97.0%	27
Gallatin	124	96.0%	96.0%	98.4%	98.4%	96.0%	96.9%	28
Boone	1,911	95.8%	95.1%	98.7%	98.5%	96.3%	96.9%	29
Oldham	1,023	95.5%	95.4%	98.5%	98.3%	96.6%	96.9%	30



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX E-4

Sorted by County Ranking from Highest to Lowest

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Green	122	96.7%	95.9%	97.5%	95.9%	97.5%	96.7%	31
Casey	164	95.1%	93.9%	98.8%	98.8%	97.0%	96.7%	32
Campbell	1,026	94.6%	94.2%	98.9%	98.7%	96.1%	96.5%	33
Breckinridge	261	95.4%	94.6%	99.2%	97.7%	95.4%	96.5%	34
Kenton	2,148	94.0%	93.0%	99.3%	99.3%	96.0%	96.3%	35
Marshall	388	95.6%	95.4%	98.2%	97.4%	94.8%	96.3%	36
McCreary	209	96.2%	90.0%	100.0%	99.5%	95.7%	96.3%	37
Morgan	157	92.4%	93.0%	100.0%	99.4%	96.2%	96.2%	38
Nicholas	84	98.8%	94.0%	96.4%	96.4%	92.9%	95.7%	39
Robertson	27	92.6%	96.3%	96.3%	96.3%	96.3%	95.6%	40
Elliott	84	92.9%	91.7%	100.0%	100.0%	92.9%	95.5%	41
Allen	239	97.1%	89.5%	97.5%	98.3%	94.1%	95.3%	42
Daviess	1,263	93.0%	92.2%	99.0%	99.0%	93.3%	95.3%	43
Calloway	382	94.2%	94.0%	96.1%	96.1%	95.0%	95.1%	44
Henderson	559	90.2%	92.7%	99.5%	99.3%	93.4%	95.0%	45
McCracken	755	91.5%	91.1%	98.9%	98.7%	93.9%	94.8%	46
Hickman	44	90.9%	90.9%	100.0%	100.0%	90.9%	94.5%	47
Carlisle	58	94.8%	94.8%	96.6%	96.6%	89.7%	94.5%	48
Perry	390	90.8%	90.5%	99.2%	99.0%	92.8%	94.5%	49
Anderson	296	96.6%	88.2%	96.6%	96.6%	92.6%	94.1%	50
Caldwell	152	94.1%	92.1%	98.7%	98.7%	86.2%	93.9%	51
Letcher	255	92.5%	88.2%	99.2%	98.0%	91.4%	93.9%	52
Adair	218	93.1%	89.4%	98.2%	97.2%	91.3%	93.9%	53
Jessamine	571	92.5%	93.0%	93.2%	96.0%	94.6%	93.8%	54
Hopkins	553	90.4%	90.4%	96.9%	96.6%	94.4%	93.7%	55
Madison	944	89.7%	89.3%	98.4%	98.5%	92.7%	93.7%	56
Jefferson	9,335	88.8%	88.0%	98.4%	98.2%	94.3%	93.5%	57
Marion	251	85.3%	87.6%	97.6%	97.6%	99.2%	93.5%	58
Lawrence	187	88.8%	88.8%	98.4%	98.4%	92.5%	93.4%	59
Pulaski	836	88.8%	88.4%	98.3%	98.7%	90.3%	92.9%	60



2014-2015 Annual School Immunization Survey--Sixth Grade Results

APPENDIX E-4

Sorted by County Ranking from Highest to Lowest

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Simpson	227	90.3%	86.8%	97.4%	96.9%	92.5%	92.8%	61
Montgomery	356	98.6%	81.5%	96.3%	98.3%	88.2%	92.6%	62
Lincoln	284	88.4%	88.0%	99.3%	99.3%	85.9%	92.2%	63
Hardin	1135	87.8%	83.3%	99.5%	98.8%	91.5%	92.1%	64
Muhlenberg	360	86.9%	85.8%	98.9%	98.3%	86.7%	91.3%	65
Menifee	89	84.3%	83.1%	100.0%	100.0%	88.8%	91.2%	66
Pike	775	80.4%	80.4%	99.1%	98.8%	91.7%	90.1%	67
Bourbon	233	83.7%	83.3%	98.3%	99.6%	85.0%	90.0%	68
Boyle	368	97.0%	76.4%	95.4%	98.1%	82.1%	89.8%	69
Monroe	132	83.3%	83.3%	100.0%	100.0%	81.8%	89.7%	70
Metcalfe	115	82.6%	80.0%	98.3%	97.4%	89.6%	89.6%	71
Greenup	493	84.0%	82.8%	98.8%	98.4%	83.8%	89.5%	72
Washington	156	83.3%	79.5%	97.4%	96.2%	90.4%	89.4%	73
Logan	316	82.0%	80.7%	98.4%	98.7%	86.4%	89.2%	74
Johnson	318	81.1%	81.4%	98.1%	98.7%	84.9%	88.9%	75
Bracken	125	85.6%	82.4%	97.6%	90.4%	88.0%	88.8%	76
Graves	459	84.7%	83.9%	93.2%	93.0%	87.4%	88.5%	77
Garrard	213	81.2%	79.8%	99.5%	97.2%	84.0%	88.4%	78
Bullitt	1,079	79.0%	77.5%	98.4%	98.4%	88.0%	88.3%	79
Harrison	235	83.4%	83.8%	96.2%	95.7%	82.1%	88.3%	80
Taylor	315	80.3%	80.3%	98.4%	96.8%	85.4%	88.3%	81
Lyon	65	81.5%	76.9%	98.5%	98.5%	80.0%	87.1%	82
Barren	518	82.2%	82.0%	90.9%	91.1%	88.6%	87.0%	83
Clay	288	78.8%	76.4%	96.5%	96.9%	85.1%	86.7%	84
Estill	176	77.8%	76.7%	97.7%	96.0%	84.7%	86.6%	85
Shelby	563	78.0%	76.7%	96.1%	97.0%	85.1%	86.6%	86
Grant	339	77.6%	75.5%	96.2%	96.8%	86.7%	86.5%	87
Christian	778	74.9%	72.8%	99.1%	98.1%	86.6%	86.3%	88
Edmonson	135	74.8%	74.1%	98.5%	98.5%	84.4%	86.1%	89
Boyd	572	78.1%	77.4%	97.2%	96.9%	79.9%	85.9%	90



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Sorted by County Ranking from Highest to Lowest

County	Total # of Students	Tdap	MCV	3 HepB	2 MMR	2 VAR	Average Percent	County Ranking
Kentucky (Total)	54,358	84.5%	83.1%	97.4%	97.7%	88.8%	90.3%	
Warren	1,292	78.1%	73.9%	97.4%	97.6%	81.0%	85.6%	91
Fayette	3,485	74.0%	72.1%	97.2%	97.2%	86.8%	85.5%	92
Whitley	614	74.3%	75.2%	98.2%	98.0%	79.0%	85.0%	93
Larue	166	74.7%	74.7%	98.2%	98.2%	77.7%	84.7%	94
Nelson	618	73.1%	73.1%	93.4%	96.4%	87.1%	84.6%	95
Knott	186	77.4%	75.8%	96.2%	95.2%	78.5%	84.6%	96
Cumberland	76	61.8%	56.6%	98.7%	100.0%	100.0%	83.4%	97
Bath	158	58.9%	58.9%	98.1%	98.1%	98.1%	82.4%	98
Todd	153	69.3%	68.0%	95.4%	95.4%	77.8%	81.2%	99
Carroll	139	69.8%	69.8%	95.7%	94.2%	75.5%	81.0%	100
Leslie	166	69.3%	62.0%	98.8%	98.8%	72.9%	80.4%	101
Ohio	284	68.3%	67.3%	94.7%	95.1%	72.2%	79.5%	102
Breathitt	194	68.0%	64.4%	97.4%	93.8%	73.7%	79.5%	103
Webster	175	69.7%	70.3%	89.7%	90.9%	73.1%	78.7%	104
Clark	444	62.2%	62.4%	97.5%	94.1%	73.4%	77.9%	105
Harlan	378	65.6%	63.8%	94.7%	93.9%	67.2%	77.0%	106
Knox	399	62.7%	62.4%	95.7%	95.2%	68.9%	77.0%	107
Butler	159	59.7%	57.9%	97.5%	96.9%	70.4%	76.5%	108
Scott	695	68.6%	59.1%	89.6%	94.7%	67.2%	75.9%	109
Lee	89	59.6%	57.3%	94.4%	94.4%	69.7%	75.1%	110
Rowan	246	54.1%	52.8%	99.2%	98.4%	68.7%	74.6%	111
Livingston	85	56.5%	55.3%	94.1%	95.3%	65.9%	73.4%	112
Franklin	587	56.2%	54.7%	91.7%	91.8%	67.5%	72.4%	113
Wolfe	91	52.7%	52.7%	98.9%	97.8%	56.0%	71.6%	114
Magoffin	156	50.6%	49.4%	98.7%	98.1%	59.0%	71.2%	115
Mason	202	47.0%	45.5%	97.0%	97.0%	64.9%	70.3%	116
Powell	170	37.6%	37.6%	98.2%	98.2%	65.3%	67.4%	117
Laurel	797	48.8%	48.7%	73.9%	94.9%	53.5%	63.9%	118
Bell	380	30.0%	28.4%	91.8%	91.3%	46.6%	57.6%	119
Owsley	54	11.1%	11.1%	90.7%	92.6%	24.1%	45.9%	120



APPENDIX F

Immunization Staff and Survey Contacts at LHDs

Kentucky Immunization Program, Frankfort Staff

Kentucky Immunization Program, Field Staff

Local Health Department Contacts for the Survey

**Kentucky Immunization Program
Infectious Disease Branch
Division of Epidemiology and Health Planning
Department for Public Health
Cabinet for Health and Family Services**

Address: Kentucky Immunization Program
275 East Main Street, HS2E-B
Frankfort, KY 40621

Phone: (502) 564-4478, **Fax:** (502) 564-4760

Website: <http://chfs.ky.gov/dph/epi/Immunization+Program.htm>

Kentucky Immunization Central Program Staff

(Current as of June 2016)

Program Manager: **Margaret Jones, RN, BSN**

Administrative Assistant: **LaKeta Ritchie**

For more information:

- ❖ Nurse Consultants
 - Perinatal Hepatitis B, VAERS, Vaccine Safety, **Julie Miracle**
 - HPV, Adolescent Immunizations, **Melissa Eastman**
 - Influenza Coordinator, Adult Immunizations, **Troi Cunningham**
 - Pertussis, Adult Hepatitis B Special Projects, **Deborah Bolton-Plucknett**
 - Regulations, Childhood Immunizations, Registry, **Nancy Hamilton**
- ❖ Vaccine Accountability Section
 - Program Coordinator, **VACANT**
 - Assistant Program Coordinator, **Ida Taylor**
 - Representative, **Clarissa Goode**
 - Representative, **Rita Lathrem**
 - Representative, **Jane Payne**
- ❖ Vaccine Storage and Handling Health Education Administrator, **Erica Davis**
- ❖ Kentucky Immunization Registry (KYIR)
 - Registry Manager/AFIX Coordinator, **Jody Schweitzer**
 - KYIR HL7 Coordinator, **Terry Brumback**
 - KYIR Data Quality Analyst, **Frank Scarborough**
 - KYIR Training Coordinator, **Laura Barrett**
 - KYIR Training Coordinator, **LaCheena Carothers**
 - KYIR Training Coordinator, **Sarah Heimann**
- ❖ Staff Assistant, **Laura Harrod**
- ❖ Yellow Fever and CoCASA Import/Exports, **Carrie Tuggle**
- ❖ Administrative Assistant, **Rebecca Pearl**
- ❖ Influenza Epidemiologist, **Tori Amburgey**
- ❖ VPD Coordinator/Epidemiologist, **Alice Nyakeriga**
- ❖ School Assessment Coordinator/Epidemiologist, **Hollie Sands**

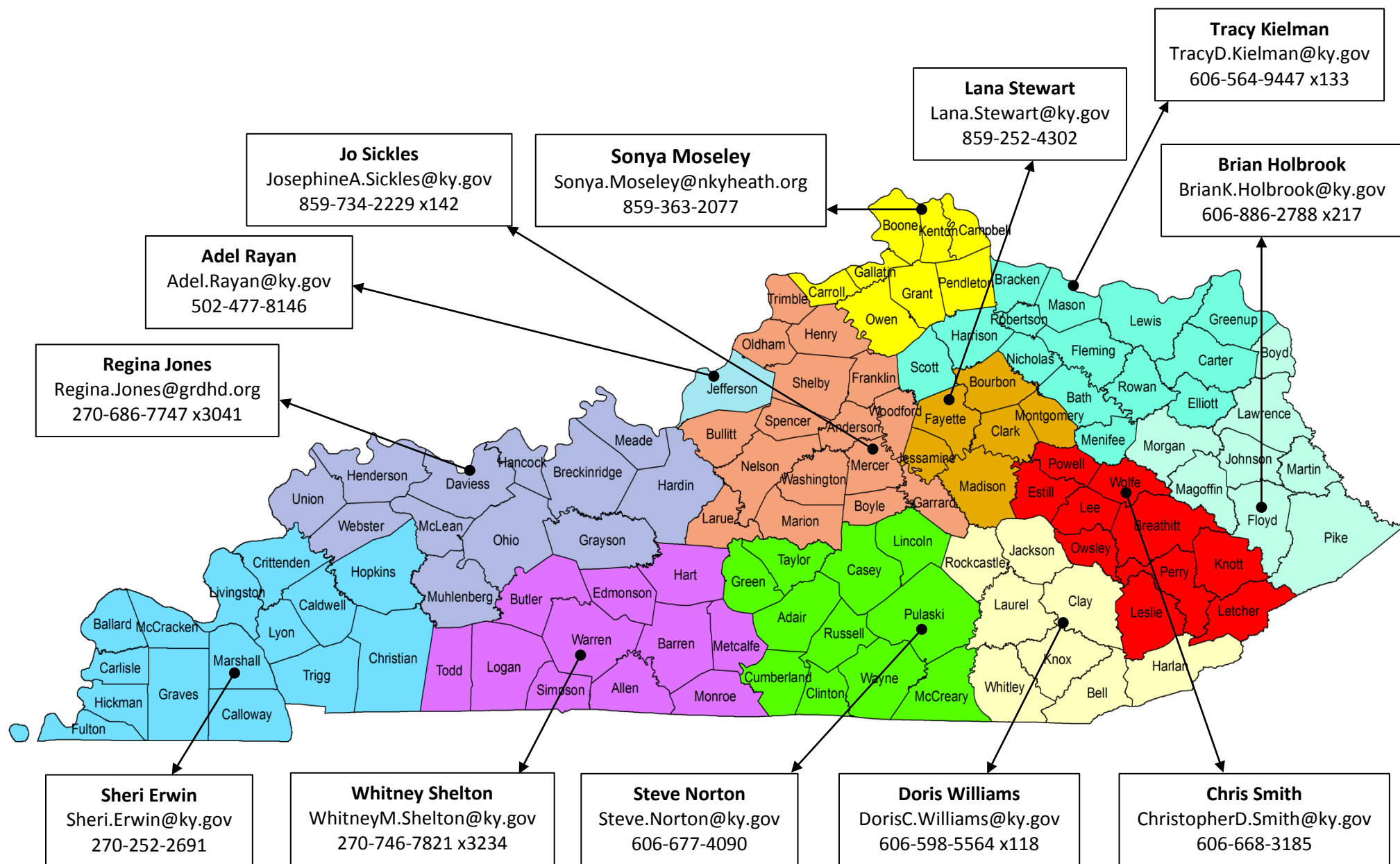
Email Address

julie.miracle@ky.gov
melissa.eastman@ky.gov
troi.cunningham@ky.gov
deb.bolton-plucknett@ky.gov
nancy.hamilton@ky.gov

502-564-4478
ida.taylor@ky.gov
clarissa.goode@ky.gov
rita.lathrem@ky.gov
jane.payne@ky.gov
erica.davis@ky.gov

jody.schweitzer@ky.gov
terry.brumbach@ky.gov
frank.scarborough@ky.gov
lauraE.barrett@ky.gov
lacheena.carothers@ky.gov
sarah.heimann@ky.gov
laura.harrod@ky.gov
carrie.tuggle@ky.gov
rebecca.pearl@ky.gov
tori.amburgey@ky.gov
alice.nyakeriga@ky.gov
hollie.sands@ky.gov

2016 Kentucky Immunization Program Field Staff Map



Local Health Department Contacts for the 2014-2015 Annual School Immunization Survey

Rhonda Akin, Adair County Health Department
Carolyn Richey, Allen County Health Department
Cheri Johnson, Anderson County Health Department
Melissa Ballard, Ballard County Health Department
Belinda Greer, Barren County Health Department
Sherry Ingram, Bath County Health Department
Trissa McGeorge, Bell County Health Center
Sonya Moseley, Northern Kentucky
Teresa Marsh, Bourbon County Health Department
Erin Crace, Boyd County Health Department
Amy Gammon, Boyle County Health Department
Amy Mains, Bracken County Health Department
Atta Turner, Breathitt County Health Department
Johnnie Kircharr, Breckinridge County Health Department
Marci Flechler, Bullitt County Health Department
Stephanie Stallings, Butler County Health Department
Candace Brown, Caldwell County Health Department
Linda Cavitt, Calloway County Health Center
Cinda Wilson, Carlisle County Health Center
Ruth Kingkade, Carroll County Health Center
Trena Greene, Carter and Elliott County Health Centers
Natasha Bowmer, Casey County Health Center
Christy Oliphant/Tara Hart, Christian County Health Department
Anne Hatton, Clark County Health Department
Daisy Begley, Clay County Health Center
Donna Parrish, Clinton County Health Center
Heather Jones, Crittenden County Health Center
Sherri Gibson, Cumberland County Health Center
Linda Hughes, Daviess County Health Center
Debbie Cain, Edmonson County Health Center
Trena Greene, Elliott County Health Center
Judy Profitt, Estill County Health Department
Elaine Bailey/Jill Keys, Fayette County Health Department
Marcy Faris, Fleming County Health Department
Brian Holbrook, Floyd County Health Department
Vicky Poplin, Franklin County Health Department
Dawna Fields, Fulton County Health Center
Tammy McDonald, Gallatin County Health Center
Tonya Watkins, Garrard County Health Center
Rita Thorn, Graves County Health Center
Gigi Meredith, Grayson County Health Center
Kaylene Bush, Green County Health Center
Connie Wilburn, Greenup County Health Department
Mary Crowe, Hancock County Health Center
Deborah Hanson, Hardin & Meade County Health Centers
Bobbie Crider, Harlan County Health Center
Janie Martin, Harrison/Nicholas/Scott County Health Centers
Leeann Hennion, Hart County Health Center
Donna Demar, Henderson County Health Center
Elizabeth Welch, Henry County Health Center
Danette Humphreys, Hickman County Health Center
Eileen Wickham, Hopkins County Health Department
Lamanda Truett, Jackson County Health Center
Dora Johnson, Jessamine County Health Department
Christi Eller, Johnson County Health Department
Kathy Hall, Knott County Health Center
Loretta Rogers, Knox County Health Center

Tammi Moore, Larue and Nelson County Health Centers
Rinda Vanderhoof, Laurel County Health Department
Shirley DeLong, Lawrence County Health Department
Irsha Wilder, Lee County Health Center
Jean Hoskins, Leslie County Health Center
Tina Caudill, Letcher County Health Center
Katie Brannon, Lewis County Health Center
Jackie McMurtry, Lincoln County Health Department
Amanda Hunter, Livingston County Health Center
Kelly Lyne, Logan County Health Center
Patricia Ashely, Louisville Metro Public Health and Wellness
Dawn Fowler, Lyon County Health Center
Ava Wright, Madison County Health Department
Marlene Robertson, Magoffin County Health Department
Paula Mattingly, Marion and Washington County Health Ctr
BJ Weathers, Marshall County Health Department
Robin Thompson, Martin County Health Department
Vicki Morgan, Mason County Health Center
Tracy Moss, McCracken County Health Center
Jeanne Gaskin, McCreary County Health Center
Joanie Patterson, McLean County Health Center
Donna Livers, Meade County Health Department
Teresa Kim Smallwood, Menifee County Health Center
Becky Underwood, Mercer County Health Center
Kristi Irvin, Metcalfe County Health Center
Betty Ford, Monroe County Health Department
Elicia Combs, Montgomery County Health Center
Jahanna Lane, Morgan County Health Center
Kay Culver, Muhlenberg County Health Department
Tammi Moore, Nelson County Health Center
Christen Renfrow, Ohio County Health Center
Chelsea Post and Lora Head, Oldham County Health Dept
Alicia Banta, Owen County Health Center
Thelma Spencer, Owsley County Health Center
Rebecca Messmer, Pendleton County Health Center
Patti Brashear, Perry County Health Center
Stephanie Bentley, Pike County Health Department
Joanne Campbell, Powell County Health Department
Peggy Dancy, Pulaski County Health Center
Allison Alexander, Robertson County Health Center
Angela Thacker, Rockcastle County Health Center
Laura Harney, Rowan County Health Center
Beverly Brockman, Russell County Health Center
Julie Schoenbaechler, Shelby County Health Center
Jane Lewis, Simpson County Health Center
Leigh Stratton, Spencer County Health Center
Ruth Bender, Taylor County Health Center
Christie Baumann, Todd County Health Department
Georgia McIntosh, Trigg County Health Center
Bonita Scholey, Trimble County Health Center
Donna Metheny, Union County Health Center
Jennifer Davis, Warren County Health Center
Fay Delcamp, Wayne County Health Center
Terra Beck, Webster County Health Center
Tamara Phelps, Whitley County Health Department
Melanie Linkous, Wolfe County Health Center
Deborah Lefevers, Woodford County Health Department