



Kentucky Public Health

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Kentucky Annual School Immunization Survey Report for School Year 2020-2021

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

August 2021

The Kentucky Annual School Immunization Survey Report was published by the Kentucky Immunization Branch, Division of Epidemiology and Health Planning, Kentucky Department for Public Health, Cabinet for Health and Family Services, Frankfort, KY.

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 from October 1, 2018 through December 31, 2018.

Acknowledgments

This report was prepared by:

Taylor Miller, Epidemiologist I, Kentucky Immunization 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, Section 2, “(1) Kindergartens and public and private elementary and secondary schools shall submit to the local health department in their area immunization results for (a) Kindergarten; (b) Seventh grade; (c) Eleventh grade” 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 declinations; (d) Medical exemptions; (e) Children who have received age-appropriate immunizations; and (f) Vaccine-specific exemptions.”

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- Seventh – Sorted by County Name in Alphabetical Order (B-2)
- Eleventh – Sorted by County Name in Alphabetical Order (B-3)

Labels for Charts and Tables

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

- # of Children: Number of children at the school in that grade/group
- # Cert: Number of 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. Exempt (Med. Ex.): Number of children with a Commonwealth of Kentucky Certificate of Medical Exemption on file at the school
- Rel. Exempt (Rel. Ex.): Number of children with a Commonwealth of Kentucky Certificate of Religious Exemption on file at the school
- DTaP: Number of children with four or more doses of diphtheria, tetanus, and acellular pertussis vaccine
- HepB: Number of children with three or more doses of hepatitis B vaccine
- HepA: Number of children with two or more doses of hepatitis A vaccine
- MenACWY: Number of children with one or more doses of quadrivalent meningococcal vaccine for seventh grade or number of children with two or more doses of quadrivalent meningococcal vaccine for eleventh and twelfth grades
- MMR: Number of children with two dose of measles, mumps, rubella (MMR) vaccine; or one dose of MMR vaccine plus one dose of a measles containing vaccine; or one dose of MMR vaccine depending on a child's age
- Polio: Number of children with three or more doses of poliovirus vaccine
- Tdap/Td Booster: Number of seventh, eleventh and twelfth grade children with a tetanus, diphtheria, and acellular pertussis (Tdap) or tetanus diphtheria (Td) booster after ten years of age
- Varicella or VAR: Number of children with one or two doses of varicella vaccine depending on a child's age
- N/A (Not applicable): County did not submit surveys or specific number of doses or certificates for the survey year

Background

The Kentucky Immunization Branch (KIB) conducts a Kentucky Annual School 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, seventh, and eleventh grade students. The purpose of this report is to disseminate the results of the survey for the 2020-2021 school year and offer recommendations to improve rates of immunization in Kentucky to reduce illness and death from vaccine-preventable diseases (VPDs).

Methods

Data Collection and Follow-up

The Kentucky Annual School Immunization Survey tools for 2020-2021 were distributed to each local health department (LHD) by KIB in late August 2020 in electronic formats. LHDs distributed the survey materials to every public and private school with at least one kindergarten class or seventh, and eleventh grade class. In 2020, 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. KIB asked schools to assess each certificate for receipt of the following immunizations:

- Four or more doses of DTaP vaccine,
- Three or more doses of poliovirus vaccine (Polio),
- Three or more doses of hepatitis B (HepB) vaccine,
- Two doses of Hep A vaccine,
- Two doses of MMR vaccine,
- Two doses of varicella vaccine (VAR) or a history of chickenpox disease,
- One dose of Tdap vaccine or one Td booster dose (for students older than ten years of age), and
- One dose of quadrivalent meningococcal vaccine (MenACWY) for seventh grade and two doses for eleventh.

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 school.

GenLog web-based 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 submit surveys electronically was December 31, 2020. Each survey was reviewed by KIB 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 unresponsive 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.

Any survey received after January 29, 2021, was not included in the analysis.

All survey data were entered into Microsoft Excel 2016, data were cleaned, duplicates were removed, and the information was analyzed, interpreted, and organized into this report.

Outcome Measures

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 Branch to identify successful measures of vaccination compliance for school aged children.

The age-appropriate HP 2020 target measures, assessed in schools, were:

Kindergarten, by selected vaccines and doses:

- 95% or greater for four or more DTaP, three or more polio, three or more HepB, two MMR, and two varicella
- 85% or greater for two HepA

Seventh Grade, by selected vaccines and doses:

- 80% or greater for one Tdap and one MenACWY
- 95% or greater for three or more HepB and two MMR
- 90% or greater for two varicella
- 85% or greater for two HepA

Eleventh Grade, by selected vaccines and doses:

- 95% or greater for two MMR and three or more HepB
- 90% or greater for two varicella
- 85% or greater for two HepA
- 80% or greater for one Tdap and two MenACWY

Results

Table 1 shows the number of children in 2020-2021 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 93.4% of kindergarteners, 96.6% of seventh graders, 96.1% of eleventh graders, and 96.3%.

When using the statistics comparison table, please note the acceptable immunization coverage levels for age-specific vaccines. The range of age-specific vaccination rates could vary significantly with 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 up-to-date prior to reporting. These factors could contribute to variations in reporting.

2020 proved to be a challenging year for Kentucky schools and vaccine administration due to COVID-19. Potential barriers to vaccination include quarantine, school closures, and virtual learning.

The state averages for all vaccines for children in kindergarten were all below the Healthy People (HP) 2020 Objectives¹ of 95% or greater for four or more DTaP, three or more polio, three or more HepB, two MMR, and two varicella.

Tables 2-5 provide highlights from each survey grade.

Table 1- Percentage of Certificates, Exemptions, and Vaccines by Age Group

Grade		# Child	# Cert.	Miss. Cert.	Med. Ex.	Rel. Ex.	4+ DTaP	3+ Polio	3+ HepB	2 MMR*	2 Varicella*	1 Tdap	1 or 2 MenACWY*	2 HepA
Kindergarten	# Child	51,180	47,792	2,888	79	421	46,152	46,525	45,981	45,914	45,604	N/A	N/A	45,774
	%	N/A	93.4%	5.6%	0.2%	0.8%	90.2%	90.9%	89.8%	89.7%	89.1%			89.4%
Seventh Grade	# Child	56,405	54,510	1,231	148	516	N/A	53,553	54,148	53,890	48,683	47,840	50,569	
	%	N/A	96.6%	2.2%	0.3%	0.9%			94.9%	96.0%	95.5%	86.3%	84.8%	89.7%
Eleventh Grade	# Child	51,454	49,472	1,250	275	457	N/A	48,705	49,899	48,647	48,365	27,676	40,923	
	%	N/A	96.1%	2.4%	0.5%	0.9%			94.7%	97.0%	94.5%	94.0%	53.8%	79.5%
*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 1 dose of														
**The number of MenACWY doses is dependent on a child's age. Children aged 16 or older are required to have 2 doses of the MenACWY vaccine.														

Table 2- Kindergarten

KIB assessed antigen-specific immunizations for 51,180 children in kindergarten.

Highlights for Kindergarten Students
<ul style="list-style-type: none"> ▪ 48% of counties reported >90.0% of certificates on file were current ▪ 4% of counties had >1.0% of students with a medical exemption <ul style="list-style-type: none"> ○ Gallatin County reported the largest percentage of children with medical exemptions (3%) ▪ 30% of counties had >1.0% of students with a religious exemption <ul style="list-style-type: none"> ○ Casey County reported the largest percentage of religious exemptions (3.5%) ▪ 17% of counties had >10.0% of students with no certificate on file <ul style="list-style-type: none"> ○ Anderson County reported the largest percentage of no certificate on file (53.6%) ▪ 43% of counties reported 95.0% or greater of children receiving 4 or more DTaP ▪ 53% of counties reported 95.0% or greater of children receiving 3 or more Polio ▪ 53% of counties reported 95.0% or greater of children receiving 3 or more HepB ▪ 30% of counties reported 95.0% or greater of children receiving 2 or more MMR ▪ 28% of counties reported 95.0% or greater of children receiving 2 or more varicella ▪ 79% of counties reported 85.0% or greater of children receiving 2 HepA ▪ 24% of counties met the Healthy People 2020 objectives for each antigen (95% or greater for DTaP, polio, HepB, MMR, and varicella, and 85% or greater for HepA)

The following 29 counties met the Healthy People 2020 objectives of 95.0% or greater for each of the following vaccines: four or more DTaP, three or more polio, three or more HepB, two MMR, two varicella and 85% or greater for HepA in kindergarteners.

Allen	Henry	Wayne
Ballard	Hickman	
Bell	Jackson	
Boone	Kenton	
Bourbon	Lyon	
Breckinridge	McCracken	
Calloway	Mclean	
Campbell	Nicholas	
Crittenden	Oldham	
Estill	Owen	
Fulton	Pike	
Grayson	Pulaski	
Hancock	Simpson	
Harrison	Spencer	

Table 3- Seventh Grade

KIB assessed antigen-specific immunizations for 56,405 children in seventh grade.

Highlights for Seventh Grade Students

- 51% of all counties reported >90.0% of certificates on file were current
- 9% of counties had >1.0% of students with a medical exemption
 - Lincoln County reported the largest percentage of medical exemptions (2.4%)
- 39% of counties had >1.0% of students with a religious exemption
 - Henry County reported the largest percentage of religious exemptions (4.2%)
- 3% of counties had >10.0% of students with no certificate on file
 - Floyd County reported the largest percentage with no certificate (17.2%)
- 80% of counties reported 80.0% or greater of children receiving 1 Tdap/Td booster
- 77% of counties reported 80.0% or greater of children receiving 1 MenACWY
- 80% of counties reported 95.0% or greater of children receiving 3 or more HepB
- 83% of counties reported 95.0% or greater of children receiving 2 or more MMR
- 93% of counties reported 90.0% or greater of children receiving 2 or more varicella
- 80% of counties reported 85.0% or greater of children receiving 2 HepA
- 68% of counties met the Healthy People 2020 objectives for each antigen (80% or greater for Tdap/Td Booster and MenACWY, 85% or greater for HepA, 90% or greater for varicella, and 95% or greater for HepB and MMR)

The following 82 counties met the Healthy People 2020 objectives for each antigen (80% or greater for Tdap/Td booster and MenACWY, 85% or greater for HepA, 90% or greater for varicella, and 95% or greater for HepB and MMR) in seventh graders.

Adair	Casey	Grayson	Lawrence	Menifee	Rockcastle
Allen	Christian	Green	Lee	Mercer	Russell
Anderson	Clay	Greenup	Letcher	Monroe	Shelby
Ballard	Clinton	Hancock	Lincoln	Montgomery	Spencer
Boone	Crittenden	Harrison	Livingston	Morgan	Taylor
Bourbon	Edmonson	Hart	Lyon	Nelson	Todd
Bracken	Estill	Henderson	Madison	Nicholas	Trimble
Breckinridge	Fayette	Henry	Marion	Oldham	Union
Butler	Fleming	Hickman	Marshall	Owen	Washington
Caldwell	Fulton	Hopkins	Martin	Pendleton	Wayne
Calloway	Gallatin	Jackson	McCracken	Pike	Webster
Campbell	Garrard	Jessamine	McCreary	Powell	Woodford
Carlisle	Grant	Kenton	McLean	Pulaski	
Carter	Graves	LaRue	Meade	Robertson	

Table 4- Eleventh Grade

KIB assessed antigen-specific immunizations for 51,454 children in eleventh grade.

Highlights for Eleventh Grade Students

- 12% of all counties reported >90.0% of certificates on file were current
- 23% of counties had >1.0% of students with a medical exemption
 - Knox and Montgomery County reported the largest percentage of medical exemptions (3.6%)
- 37% of counties had >1.0% of students with a religious exemption
 - Crittenden County reported the largest percentage of religious exemptions (5.7%)
- 4% of counties had >10.0% of students with no certificate on file
 - Whitley County reported the largest percentage with no certificate (20.3%)
- 94% of counties reported 80.0% or greater of children receiving 1 Tdap/Td booster
- 13% of counties reported 80.0% or greater of children receiving 1 MenACWY
- 76% of counties reported 95.0% or greater of children receiving 3 or more HepB
- 83% of counties reported 95.0% or greater of children receiving 2 or more MMR
- 87% of counties reported 90.0% or greater of children receiving 2 or more varicella
- 49% of counties reported 85.0% or greater of children receiving 2 HepA
- 8% of counties met the Healthy People 2020 objectives for each antigen (80% or greater for Tdap/Td booster and MenACWY, 85% or greater for HepA, 90% or greater for varicella, and 95% or greater for HepB and MMR)

The following 10 counties met the Healthy People 2020 objectives for each antigen (80% or greater for Tdap/Td booster and MenACWY, 85% or greater for HepA, 90% or greater for varicella, and 95% or greater for HepB and MMR) in eleventh graders.

Ballard
Bracken
Calloway
Crittenden
Hickman
McLean
Menifee
Oldham
Russell
Todd

Discussion

An ongoing challenge for medical providers, health departments, health plans, and parents is that immunization successes must be repeatedly earned with each birth cohort. Successes in one year do not necessarily translate to another school year without the ongoing commitment to achieve immunization goals each year.

Since the 2011-2012 Annual School Immunization Survey, statewide kindergarten results for four or more DTaP, three or more polio, three or more HepB, and two MMR have been 90.0% or greater for coverage of each vaccine, but have not surpassed the Healthy People 2020 objectives to meet or exceed 95% or greater coverage. Herd immunity is established between 92-95%, reducing the likelihood of an infectious transmission. However, to reach “a critical vaccination level, [for] herd immunity and disease eradication (Betsch, Bohm, & Korn, 2013),”² 95% vaccination levels must be achieved.

This was a challenging year for Kentucky school nurses and administration to complete the 2020-2021 school survey. Many healthcare facilities were not able to provide children with immunizations due to COVID-19 mitigation measures. Multiple schools switched to online learning to keep faculty and students safe from COVID-19 infection. While it was important to keep our communities safe from the spread of COVID-19, many counties fell behind on vaccination rates compared to previous years. As Kentucky continues to lessen COVID-19 mitigation measures in healthcare facilities, this will be an opportunity for children to receive their updated vaccines to increase immunization rates for the 2021-2022 school year.

Fine, Eames, and Heymann (2011) state, “Maintenance of high coverage is particularly difficult as the diseases decline in frequency, and as populations become more sophisticated and more likely to question recommendations (p. 915).”³ Unless direct communication about the social benefits of vaccination are relayed to parents, there will continue to be increases in “free-ride” or reliance on herd immunity to avoid vaccination within school settings. Therefore, more education needs to be provided to parents about the public health impacts vaccinations have within schools, especially for the protection of vulnerable students who are immunocompromised.

Limitations

There were several limitations to this study. First, the survey data were self-reported. KIB relies 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, completion is not mandated by law. Each year, KIB staff uses a weighted validation process whereby staff are sent to schools in each region to systematically sample students in the kindergarten class to ensure the data is being accurately reported. However, due to COVID-19 mitigation measures, KIB staff were not sent to schools this year. Lack of a weighted validation process could affect the accuracy of the kindergarten data.

Homeschooled Children

The Kentucky Administrative Regulation (902 KAR 2:060) related to “Immunization schedules for attending child day care centers, certified family childcare homes, other licensed facilities which care for children, preschool programs, and public and private primary and secondary schools,” does not mandate immunization requirements for children in Kentucky who are homeschooled. KIB does not have a current method to assess vaccination coverage for homeschooled children. However, schools are instructed to include homeschooled children enrolled in public school activities in their total student population.

Recommendations for Using the Results of the Kentucky Annual School Immunization Survey

It is recommended that this report be used by school district administrators to assess district vaccination compliance and identify at-risk schools for the potential of vaccine-preventable disease outbreaks. By identifying at-risk schools and promoting immunizations, Kentucky Department for Public Health will reduce the likelihood of an outbreak and decrease exposures to vaccine-preventable diseases for immunocompromised students or students that have contraindications for administration of certain vaccines.

School administrators can also use this report to adapt policies and procedures for school enrollment to require documentation of vaccination compliance prior to the first day of school. They can implement protocols for school nurses and other identified personnel to enroll as Kentucky Immunization Registry (KYIR) users to view and print current immunization certificates to be filed as part of students' educational records.

School nurses can use this report to promote the importance of immunizations to parents. Information about immunizations can be shared with parents who are vaccine-hesitant or do not understand the adverse public health implications of low compliance for recommended immunizations on the school and community. This report can also help to promote back-to-school vaccination clinics and partnerships with providers and public health to increase vaccination compliance in low coverage rate counties.

Providers can use this report to evaluate their practices for childhood vaccination compliance, especially in low coverage rate areas. Further, it is recommended that all providers enroll in the KYIR and enter historical immunization data in addition to new vaccine doses administered to create a single, current immunization certificate for each child.

This report can be used by public health officials to implement strategies to promote vaccinations for the entire community and promote back-to-school immunization clinics. Public health officials can collaborate with district school administrators and area providers to create vaccination awareness campaigns to educate about the implications low vaccination coverage rates can have within vulnerable communities.

Conclusion

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. In a two-year effort, the Cincinnati primary school system was able to increase immunization levels of school aged children from 60% to 91% by following a program based upon its legal authority to require immunizations.³ 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.⁴

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 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.

School administrators, medical providers, and parents can work together to ensure that children are safe from morbidity and mortality caused by vaccine-preventable diseases. KIB will continue to assess age-appropriate vaccines for children enrolled in school and childcare facilities to ensure they are current 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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APPENDIX A

KENTUCKY ANNUAL SCHOOL IMMUNIZATION SURVEY REPORT 2020-2021

County Profiles about Immunization Coverage in All Schools

KINDERGARTEN	A-1
SEVENTH	A-2
ELEVENTH	A-3

County Profiles about Immunization Coverage in All Schools

Each age-specific report for Kindergarten (Appendix B-1), Seventh (Appendix B-2), or Eleventh (B-3) provided aggregate totals of immunization certificate types (i.e. current, Medical or Religious Exemptions, and Missing) and age appropriate immunizations for each county.

Each county report included 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 Branch to identify schools that have been successful with vaccination compliance for school aged children in the survey year.

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



**Kentucky Annual School Immunization Survey Report, 2020-2021 — County
Profiles Immunization Coverage in Kindergarten Grade for All Schools**

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	4+ DtaP	3+ Polio	3+ HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,180	44,376	79	421	3,416	2,888	46,152	46,525	45,981	45,914	45,604	45,774
		86.7%	0.2%	0.8%	6.7%	5.6%	90.2%	90.9%	89.8%	89.7%	89.1%	89.4%
Adair	162	138	0	1	21	2	152	156	155	149	150	146
		85.2%	0.0%	0.6%	13.0%	1.2%	93.8%	96.3%	95.7%	92.0%	92.6%	90.1%
Allen	223	213	0	0	2	8	213	214	214	214	214	214
		95.5%	0.0%	0.0%	0.9%	3.6%	95.5%	96.0%	96.0%	96.0%	96.0%	96.0%
Anderson	248	108	1	2	4	133	66	68	65	228	226	225
		43.5%	0.4%	0.8%	1.6%	53.6%	26.6%	27.4%	26.2%	91.9%	91.1%	90.7%
Ballard	80	78	0	0	2	0	79	79	79	80	80	78
		97.5%	0.0%	0.0%	2.5%	0.0%	98.8%	98.8%	98.8%	100.0%	100.0%	97.5%
Barren	607	507	1	9	30	60	537	543	548	534	536	539
		83.5%	0.2%	1.5%	4.9%	9.9%	88.5%	89.5%	90.3%	88.0%	88.3%	88.8%
Bath	131	109	0	1	6	15	109	109	109	109	109	109
		83.2%	0.0%	0.8%	4.6%	11.5%	83.2%	83.2%	83.2%	83.2%	83.2%	83.2%
Bell	314	312	0	0	0	2	307	309	311	303	303	297
		99.4%	0.0%	0.0%	0.0%	0.6%	97.8%	98.4%	99.0%	96.5%	96.5%	94.6%
Boone	1,661	1576	2	39	24	20	1597	1600	1601	1596	1586	1590
		94.9%	0.1%	2.3%	1.4%	1.2%	96.1%	96.3%	96.4%	96.1%	95.5%	95.7%
Bourbon	245	226	2	3	11	3	240	240	241	233	235	233
		92.2%	0.8%	1.2%	4.5%	1.2%	98.0%	98.0%	98.4%	95.1%	95.9%	95.1%
Boyd	475	417	1	4	25	28	413	427	435	424	422	425
		87.8%	0.2%	0.8%	5.3%	5.9%	86.9%	89.9%	91.6%	89.3%	88.8%	89.5%
Boyle	370	325	2	4	19	20	332	335	323	324	327	321
		87.8%	0.5%	1.1%	5.1%	5.4%	89.7%	90.5%	87.3%	87.6%	88.4%	86.8%
Bracken	89	85	0	0	3	1	87	88	88	85	84	85
		95.5%	0.0%	0.0%	3.4%	1.1%	97.8%	98.9%	98.9%	95.5%	94.4%	95.5%
Breathitt	171	137	0	0	27	7	156	159	158	143	144	155
		80.1%	0.0%	0.0%	15.8%	4.1%	91.2%	93.0%	92.4%	83.6%	84.2%	90.6%
Breckinridge	210	180	0	2	12	16	204	204	204	203	201	203
		85.7%	0.0%	1.0%	5.7%	7.6%	97.1%	97.1%	97.1%	96.7%	95.7%	96.7%
Bullitt	958	883	1	1	24	49	914	917	912	901	905	904
		92.2%	0.1%	0.1%	2.5%	5.1%	95.4%	95.7%	95.2%	94.1%	94.5%	94.4%
Butler	143	132	0	0	9	2	139	139	140	134	62	59
		92.3%	0.0%	0.0%	6.3%	1.4%	97.2%	97.2%	97.9%	93.7%	43.4%	41.3%
Caldwell	122	117	0	3	0	2	113	114	111	114	113	112
		95.9%	0.0%	2.5%	0.0%	1.6%	92.6%	93.4%	91.0%	93.4%	92.6%	91.8%
Calloway	346	333	1	9	2	1	335	334	335	334	334	332
		96.2%	0.3%	2.6%	0.6%	0.3%	96.8%	96.5%	96.8%	96.5%	96.5%	96.0%
Campbell	1,014	979	0	7	16	12	983	990	989	986	988	964
		96.5%	0.0%	0.7%	1.6%	1.2%	96.9%	97.6%	97.5%	97.2%	97.4%	95.1%
Carlisle	54	50	1	0	3	0	52	52	52	50	50	51
		92.6%	1.9%	0.0%	5.6%	0.0%	96.3%	96.3%	96.3%	92.6%	92.6%	94.4%
Carroll	173	150	0	0	14	9	164	163	164	155	154	156
		86.7%	0.0%	0.0%	8.1%	5.2%	94.8%	94.2%	94.8%	89.6%	89.0%	90.2%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	4+ DtaP	3+ Polio	3+ HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,180	44,376	79	421	3,416	2,888	46,152	46,525	45,981	45,914	45,604	45,774
		86.7%	0.2%	0.8%	6.7%	5.6%	90.2%	90.9%	89.8%	89.7%	89.1%	89.4%
Carter	334	316	0	1	11	6	319	321	315	309	307	309
		94.6%	0.0%	0.3%	3.3%	1.8%	95.5%	96.1%	94.3%	92.5%	91.9%	92.5%
Casey	170	139	2	6	20	3	145	147	154	147	147	151
		81.8%	1.2%	3.5%	11.8%	1.8%	85.3%	86.5%	90.6%	86.5%	86.5%	88.8%
Christian	667	570	2	3	41	51	585	568	586	587	583	584
		85.5%	0.3%	0.4%	6.1%	7.6%	87.7%	85.2%	87.9%	88.0%	87.4%	87.6%
Clark	792	736	2	5	35	14	758	758	754	746	741	706
		92.9%	0.3%	0.6%	4.4%	1.8%	95.7%	95.7%	95.2%	94.2%	93.6%	89.1%
Clay	280	214	0	1	27	38	229	230	232	220	218	218
		76.4%	0.0%	0.4%	9.6%	13.6%	81.8%	82.1%	82.9%	78.6%	77.9%	77.9%
Clinton	123	113	0	0	4	6	80	83	106	84	83	96
		91.9%	0.0%	0.0%	3.3%	4.9%	65.0%	67.5%	86.2%	68.3%	67.5%	78.0%
Crittenden	82	80	0	1	1	0	81	81	81	81	81	80
		97.6%	0.0%	1.2%	1.2%	0.0%	98.8%	98.8%	98.8%	98.8%	98.8%	97.6%
Cumberland	70	59	0	1	2	8	64	64	64	62	62	61
		84.3%	0.0%	1.4%	2.9%	11.4%	91.4%	91.4%	91.4%	88.6%	88.6%	87.1%
Davies	1,294	1214	0	17	29	34	1186	1203	1121	1122	1117	1150
		93.8%	0.0%	1.3%	2.2%	2.6%	91.7%	93.0%	86.6%	86.7%	86.3%	88.9%
Edmonson	141	131	0	0	9	1	140	140	140	133	133	140
		92.9%	0.0%	0.0%	6.4%	0.7%	99.3%	99.3%	99.3%	94.3%	94.3%	99.3%
Elliott	61	50	0	0	0	11	50	51	50	51	51	51
		82.0%	0.0%	0.0%	0.0%	18.0%	82.0%	83.6%	82.0%	83.6%	83.6%	83.6%
Estill	169	162	0	0	5	2	166	167	167	163	163	163
		95.9%	0.0%	0.0%	3.0%	1.2%	98.2%	98.8%	98.8%	96.4%	96.4%	96.4%
Fayette	3,267	3001	6	36	153	71	3097	3132	3110	3077	2998	3047
		91.9%	0.2%	1.1%	4.7%	2.2%	94.8%	95.9%	95.2%	94.2%	91.8%	93.3%
Fleming	169	147	0	1	12	9	160	164	165	157	155	162
		87.0%	0.0%	0.6%	7.1%	5.3%	94.7%	97.0%	97.6%	92.9%	91.7%	95.9%
Floyd	407	344	0	2	10	51	401	400	300	392	393	398
		84.5%	0.0%	0.5%	2.5%	12.5%	98.5%	98.3%	73.7%	96.3%	96.6%	97.8%
Franklin	542	469	1	2	44	26	501	507	506	489	488	493
		86.5%	0.2%	0.4%	8.1%	4.8%	92.4%	93.5%	93.4%	90.2%	90.0%	91.0%
Fulton	72	71	0	0	1	0	72	72	71	70	70	71
		98.6%	0.0%	0.0%	1.4%	0.0%	100.0%	100.0%	98.6%	97.2%	97.2%	98.6%
Gallatin	101	85	3	1	10	2	97	98	96	92	93	94
		84.2%	3.0%	1.0%	9.9%	2.0%	96.0%	97.0%	95.0%	91.1%	92.1%	93.1%
Garrard	177	149	1	5	5	17	157	157	157	149	150	153
		84.2%	0.6%	2.8%	2.8%	9.6%	88.7%	88.7%	88.7%	84.2%	84.7%	86.4%
Grant	317	301	0	0	13	3	301	305	302	299	297	298
		95.0%	0.0%	0.0%	4.1%	0.9%	95.0%	96.2%	95.3%	94.3%	93.7%	94.0%
Graves	416	369	1	4	17	25	381	383	385	378	377	376
		88.7%	0.2%	1.0%	4.1%	6.0%	91.6%	92.1%	92.5%	90.9%	90.6%	90.4%
Grayson	294	274	0	3	13	4	287	287	287	282	285	285
		93.2%	0.0%	1.0%	4.4%	1.4%	97.6%	97.6%	97.6%	95.9%	96.9%	96.9%
Green	133	123	1	0	8	1	132	132	132	126	126	129
		92.5%	0.8%	0.0%	6.0%	0.8%	99.2%	99.2%	99.2%	94.7%	94.7%	97.0%

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Kentucky (Total)	51,180	44,376	79	421	3,416	2,888	46,152	46,525	45,981	45,914	45,604	45,774
		86.7%	0.2%	0.8%	6.7%	5.6%	90.2%	90.9%	89.8%	89.7%	89.1%	89.4%
Greenup	383	329	1	0	10	43	330	332	333	323	325	331
		85.9%	0.3%	0.0%	2.6%	11.2%	86.2%	86.7%	86.9%	84.3%	84.9%	86.4%
Hancock	94	94	0	0	0	0	93	94	93	90	90	92
		100.0%	0.0%	0.0%	0.0%	0.0%	98.9%	100.0%	98.9%	95.7%	95.7%	97.9%
Hardin	1,230	1049	0	12	108	61	1116	1120	1098	1078	1079	1104
		85.3%	0.0%	1.0%	8.8%	5.0%	90.7%	91.1%	89.3%	87.6%	87.7%	89.8%
Harlan	265	153	0	0	34	78	159	163	171	156	156	170
		57.7%	0.0%	0.0%	12.8%	29.4%	60.0%	61.5%	64.5%	58.9%	58.9%	64.2%
Harrison	213	197	0	1	13	2	207	209	210	205	205	203
		92.5%	0.0%	0.5%	6.1%	0.9%	97.2%	98.1%	98.6%	96.2%	96.2%	95.3%
Hart	183	167	0	1	3	12	174	172	175	171	169	171
		91.3%	0.0%	0.5%	1.6%	6.6%	95.1%	94.0%	95.6%	93.4%	96.2%	93.4%
Henderson	486	434	0	3	18	31	448	449	447	443	445	446
		89.3%	0.0%	0.6%	3.7%	6.4%	92.2%	92.4%	92.0%	91.2%	91.6%	91.8%
Henry	190	187	0	2	1	0	185	185	185	186	185	184
		98.4%	0.0%	1.1%	0.5%	0.0%	97.4%	97.4%	97.4%	97.9%	97.4%	96.8%
Hickman	51	51	0	0	0	0	51	51	51	51	51	51
		100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hopkins	528	494	0	15	16	3	486	489	501	484	482	483
		93.6%	0.0%	2.8%	3.0%	0.6%	92.0%	92.6%	94.9%	91.7%	91.3%	91.5%
Jackson	185	180	0	1	0	4	185	185	185	185	185	183
		97.3%	0.0%	0.5%	0.0%	2.2%	100.0%	100.0%	100.0%	100.0%	100.0%	98.9%
Jefferson	8,166	6229	3	40	1384	510	6345	6418	6050	6444	6418	6571
		76.3%	0.0%	0.5%	16.9%	6.2%	77.7%	78.6%	74.1%	78.9%	78.6%	80.5%
Jessamine	559	476	0	15	21	47	517	504	516	511	506	510
		85.2%	0.0%	2.7%	3.8%	8.4%	92.5%	90.2%	92.3%	91.4%	90.5%	91.2%
Johnson	237	212	0	2	20	3	223	226	227	213	213	215
		89.5%	0.0%	0.8%	8.4%	1.3%	94.1%	95.4%	95.8%	89.9%	89.9%	90.7%
Kenton	2,095	2004	9	18	39	25	2042	2050	2042	2033	2016	2014
		95.7%	0.4%	0.9%	1.9%	1.2%	97.5%	97.9%	97.5%	97.0%	96.2%	96.1%
Knott	169	109	0	0	13	47	120	120	121	119	118	113
		64.5%	0.0%	0.0%	7.7%	27.8%	71.0%	71.0%	71.6%	70.4%	69.8%	66.9%
Knox	396	206	2	0	23	165	220	223	228	223	220	214
		52.0%	0.5%	0.0%	5.8%	41.7%	55.6%	56.3%	57.6%	56.3%	55.6%	54.0%
LaRue	140	101	0	0	8	31	107	109	109	104	104	105
		72.1%	0.0%	0.0%	5.7%	22.1%	76.4%	77.9%	77.9%	74.3%	74.3%	75.0%
Laurel	657	589	3	2	54	9	617	623	626	607	607	572
		89.6%	0.5%	0.3%	8.2%	1.4%	93.9%	94.8%	95.3%	92.4%	92.4%	87.1%
Lawrence	164	134	0	0	29	1	156	158	161	139	140	147
		81.7%	0.0%	0.0%	17.7%	0.6%	95.1%	96.3%	98.2%	84.8%	85.4%	89.6%
Lee	74	68	0	0	6	0	72	73	73	68	68	70
		91.9%	0.0%	0.0%	8.1%	0.0%	97.3%	98.6%	98.6%	91.9%	91.9%	94.6%
Leslie	112	98	0	0	8	6	100	103	103	100	96	95
		87.5%	0.0%	0.0%	7.1%	5.4%	89.3%	92.0%	92.0%	89.3%	85.7%	84.8%
Letcher	215	199	1	0	14	1	200	208	214	196	197	190
		92.6%	0.5%	0.0%	6.5%	0.5%	93.0%	96.7%	99.5%	91.2%	91.6%	88.4%

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		86.7%	0.2%	0.8%	6.7%	5.6%	90.2%	90.9%	89.8%	89.7%	89.1%	89.4%
Lewis	164	140	0	1	22	1	149	150	156	152	151	150
		85.4%	0.0%	0.6%	13.4%	0.6%	90.9%	91.5%	95.1%	92.7%	92.1%	91.5%
Lincoln	690	472	7	2	82	127	634	634	641	639	633	601
		68.4%	1.0%	0.3%	11.9%	18.4%	91.9%	91.9%	92.9%	92.6%	91.7%	87.1%
Livingston	82	65	0	0	2	15	73	75	75	69	68	73
		79.3%	0.0%	0.0%	2.4%	18.3%	89.0%	91.5%	91.5%	84.1%	82.9%	89.0%
Logan	335	260	0	0	46	29	283	282	289	274	270	280
		77.6%	0.0%	0.0%	13.7%	8.7%	84.5%	84.2%	86.3%	81.8%	80.6%	83.6%
Lyon	60	59	0	1	0	0	59	59	59	59	59	58
		98.3%	0.0%	1.7%	0.0%	0.0%	98.3%	98.3%	98.3%	98.3%	98.3%	96.7%
Madison	938	858	2	7	40	31	871	884	877	851	851	850
		91.5%	0.2%	0.7%	4.3%	3.3%	92.9%	94.2%	93.5%	90.7%	90.7%	90.6%
Magoffin	132	102	1	0	27	2	113	113	121	113	112	114
		77.3%	0.8%	0.0%	20.5%	1.5%	85.6%	85.6%	91.7%	85.6%	84.8%	86.4%
Marion	249	195	0	1	9	44	199	200	199	198	195	197
		78.3%	0.0%	0.4%	3.6%	17.7%	79.9%	80.3%	79.9%	79.5%	78.3%	79.1%
Marshall	357	319	0	7	17	14	332	331	323	328	325	323
		89.4%	0.0%	2.0%	4.8%	3.9%	93.0%	92.7%	90.5%	91.9%	91.0%	90.5%
Martin	119	106	0	0	3	10	97	97	102	95	95	98
		89.1%	0.0%	0.0%	2.5%	8.4%	81.5%	81.5%	85.7%	79.8%	79.8%	82.4%
Mason	202	130	0	5	59	8	167	171	172	152	140	163
		64.4%	0.0%	2.5%	29.2%	4.0%	82.7%	84.7%	85.1%	75.2%	69.3%	80.7%
McCracken	728	611	2	13	49	53	727	728	722	713	707	722
		83.9%	0.3%	1.8%	6.7%	7.3%	99.9%	100.0%	99.2%	97.9%	97.1%	99.2%
McCreary	199	145	1	0	43	10	175	181	179	162	162	167
		72.9%	0.5%	0.0%	21.6%	5.0%	87.9%	91.0%	89.9%	81.4%	81.4%	83.9%
McLean	71	71	0	0	0	0	71	71	71	71	71	71
		100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Meade	373	282	0	2	7	82	288	286	288	283	282	284
		75.6%	0.0%	0.5%	1.9%	22.0%	77.2%	76.7%	77.2%	75.9%	75.6%	76.1%
Menifee	60	55	0	1	4	0	59	59	59	56	56	57
		91.7%	0.0%	1.7%	6.7%	0.0%	98.3%	98.3%	98.3%	93.3%	93.3%	95.0%
Mercer	227	210	0	1	10	6	192	222	220	218	217	215
		92.5%	0.0%	0.4%	4.4%	2.6%	84.6%	97.8%	96.9%	96.0%	95.6%	94.7%
Metcalfe	100	73	0	2	23	2	82	84	91	84	84	71
		73.0%	0.0%	2.0%	23.0%	2.0%	82.0%	84.0%	91.0%	84.0%	84.0%	71.0%
Monroe	201	142	0	1	9	49	144	147	144	145	145	146
		70.6%	0.0%	0.5%	4.5%	24.4%	71.6%	73.1%	71.6%	72.1%	72.1%	72.6%
Montgomery	342	323	0	1	9	9	332	332	329	322	323	246
		94.4%	0.0%	0.3%	2.6%	2.6%	97.1%	97.1%	96.2%	94.2%	94.4%	71.9%
Morgan	154	143	1	0	10	0	146	149	149	141	141	140
		92.9%	0.6%	0.0%	6.5%	0.0%	94.8%	96.8%	96.8%	91.6%	91.6%	90.9%
Muhlenberg	347	312	0	6	22	7	304	309	319	309	307	308
		89.9%	0.0%	1.7%	6.3%	2.0%	87.6%	89.0%	91.9%	89.0%	88.5%	88.8%
Nelson	592	565	1	2	12	12	579	578	578	560	560	567
		95.4%	0.2%	0.3%	2.0%	2.0%	97.8%	97.6%	97.6%	94.6%	94.6%	95.8%

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		86.7%	0.2%	0.8%	6.7%	5.6%	90.2%	90.9%	89.8%	89.7%	89.1%	89.4%
Nicholas	83	75	1	0	2	5	79	81	81	80	79	82
		90.4%	1.2%	0.0%	2.4%	6.0%	95.2%	97.6%	97.6%	96.4%	95.2%	98.8%
Ohio	302	227	0	3	7	65	195	204	227	198	192	201
		75.2%	0.0%	1.0%	2.3%	21.5%	64.6%	67.5%	75.2%	65.6%	63.6%	66.6%
Oldham	861	846	0	7	3	5	849	846	842	846	843	839
		98.3%	0.0%	0.8%	0.3%	0.6%	98.6%	98.3%	97.8%	98.3%	97.9%	97.4%
Owen	103	99	0	0	3	1	99	102	99	98	98	98
		96.1%	0.0%	0.0%	2.9%	1.0%	96.1%	99.0%	96.1%	95.1%	95.1%	95.1%
Owsley	Did Not Report											
Pendleton	145	138	0	0	3	4	139	141	141	137	137	139
		95.2%	0.0%	0.0%	2.1%	2.8%	95.9%	97.2%	97.2%	94.5%	94.5%	95.9%
Perry	388	286	0	3	22	77	265	265	272	260	259	240
		73.7%	0.0%	0.8%	5.7%	19.8%	68.3%	68.3%	70.1%	67.0%	66.8%	61.9%
Pike	670	644	1	1	10	14	644	649	650	643	642	645
		96.1%	0.1%	0.1%	1.5%	2.1%	96.1%	96.9%	97.0%	96.0%	95.8%	96.3%
Powell	160	135	1	2	15	7	140	148	149	149	148	149
		84.4%	0.6%	1.3%	9.4%	4.4%	87.5%	92.5%	93.1%	93.1%	92.5%	93.1%
Pulaski	769	748	2	13	3	3	745	743	751	743	739	741
		84.4%	0.1%	1.7%	0.4%	0.4%	96.9%	96.6%	97.7%	96.6%	96.1%	96.4%
Robertson	26	24	0	0	2	0	26	26	25	22	22	22
		92.3%	0.0%	0.0%	7.7%	0.0%	100.0%	100.0%	96.2%	84.6%	84.6%	84.6%
Rockcastle	198	172	1	1	17	7	169	177	180	167	165	171
		86.9%	0.5%	0.5%	8.6%	3.5%	85.4%	89.4%	90.9%	84.3%	83.3%	86.4%
Rowan	231	204	0	7	11	9	218	218	214	211	211	213
		88.3%	0.0%	3.0%	4.8%	3.9%	94.4%	94.4%	92.6%	91.3%	91.3%	92.2%
Russell	233	222	0	0	7	4	223	227	226	225	220	221
		95.3%	0.0%	0.0%	3.0%	1.7%	95.7%	97.4%	97.0%	96.6%	94.4%	94.8%
Scott	669	605	6	8	34	16	628	638	636	618	615	619
		90.4%	0.9%	1.2%	5.1%	2.4%	93.9%	95.4%	95.1%	92.4%	91.9%	92.5%
Shelby	492	436	1	11	34	10	464	469	462	460	457	457
		88.6%	0.2%	2.2%	6.9%	2.0%	94.3%	95.3%	93.9%	93.5%	92.9%	92.9%
Simpson	240	238	0	2	0	0	233	236	237	230	228	231
		99.2%	0.0%	0.8%	0.0%	0.0%	97.1%	98.3%	98.8%	95.8%	95.0%	96.3%
Spencer	233	225	0	0	8	0	228	228	231	228	228	225
		96.6%	0.0%	0.0%	3.4%	0.0%	97.9%	97.9%	99.1%	97.9%	97.9%	96.6%
Taylor	298	278	1	5	10	4	283	287	287	284	284	282
		93.3%	0.3%	1.7%	3.4%	1.3%	95.0%	96.3%	96.3%	95.3%	95.3%	94.6%
Todd	126	109	0	1	13	3	119	121	121	116	116	118
		86.5%	0.0%	0.8%	10.3%	2.4%	94.4%	96.0%	96.0%	92.1%	92.1%	93.7%
Trigg	148	137	0	2	7	2	138	138	142	138	138	140
		92.6%	0.0%	1.4%	4.7%	1.4%	93.2%	93.2%	95.9%	93.2%	93.2%	94.6%
Trimble	69	58	0	0	8	3	69	69	68	65	65	67
		84.1%	0.0%	0.0%	11.6%	4.3%	100.0%	100.0%	98.6%	94.2%	94.2%	97.1%
Union	177	153	0	1	3	20	153	157	156	147	148	152
		86.4%	0.0%	0.6%	1.7%	11.3%	86.4%	88.7%	88.1%	83.1%	83.6%	85.9%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	4+ DtaP	3+ Polio	3+ HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,180	44,376	79	421	3,416	2,888	46,152	46,525	45,981	45,914	45,604	45,774
		86.7%	0.2%	0.8%	6.7%	5.6%	90.2%	90.9%	89.8%	89.7%	89.1%	89.4%
Warren	1,521	1365	0	9	47	100	1392	1391	1342	1385	1371	1337
		89.7%	0.0%	0.6%	3.1%	6.6%	91.5%	91.5%	88.2%	91.1%	90.1%	87.9%
Washington	147	140	0	0	6	1	142	144	144	140	139	141
		95.2%	0.0%	0.0%	4.1%	0.7%	96.6%	98.0%	98.0%	95.2%	94.6%	95.9%
Wayne	244	238	0	4	2	0	240	240	239	239	238	239
		97.5%	0.0%	1.6%	0.8%	0.0%	98.4%	98.4%	98.0%	98.0%	97.5%	98.0%
Webster	161	151	0	0	5	5	151	153	153	153	151	149
		93.8%	0.0%	0.0%	3.1%	3.1%	93.8%	95.0%	95.0%	95.0%	93.8%	92.5%
Whitley	724	506	0	0	72	146	529	543	518	527	535	528
		69.9%	0.0%	0.0%	9.9%	20.2%	73.1%	75.0%	71.5%	72.8%	73.9%	72.9%
Wolfe	92	77	0	0	8	7	84	85	84	79	79	82
		83.7%	0.0%	0.0%	8.7%	7.6%	91.3%	92.4%	91.3%	85.9%	85.9%	89.1%
Woodford	282	270	0	2	3	7	270	269	268	263	260	268
		95.7%	0.0%	0.7%	1.1%	2.5%	95.7%	95.4%	95.0%	93.3%	92.2%	95.0%

Kentucky Annual School Immunization Survey Report, 2020-2021 — County Profiles

Immunization Coverage in Seventh Grade for All Schools

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	1 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	56,405	46,620 82.7%	148 0.3%	516 0.9%	7,890 14.0%	1,231 2.2%	48,683 86.3%	47,840 84.8%	53,553 94.9%	54,148 96.0%	53,890 95.5%	50,569 89.7%
Adair	222	183 82.4%	2 0.9%	3 1.4%	14 6.3%	20 9.0%	209 94.1%	209 94.1%	218 98.2%	214 96.4%	216 97.3%	202 91.0%
Allen	228	197 86.4%	1 0.4%	1 0.4%	26 11.4%	3 1.3%	204 89.5%	201 88.2%	223 97.8%	222 97.4%	222 97.4%	221 96.9%
Anderson	259	239 92.3%	1 0.4%	0 0.0%	16 6.2%	3 1.2%	239 92.3%	240 92.7%	259 100.0%	255 98.5%	253 97.7%	251 96.9%
Ballard	99	96 97.0%	0 0.0%	2 2.0%	1 1.0%	0 0.0%	96 97.0%	96 97.0%	98 99.0%	98 99.0%	98 99.0%	97 98.0%
Barren	869	667 76.8%	0 0.0%	11 1.3%	157 18.1%	34 3.9%	497 57.2%	499 57.4%	606 69.7%	600 69.0%	599 68.9%	556 64.0%
Bath	182	140 76.9%	0 0.0%	1 0.5%	36 19.8%	5 2.7%	140 76.9%	137 75.3%	176 96.7%	176 96.7%	176 96.7%	160 87.9%
Bell	374	310 82.9%	1 0.3%	0 0.0%	61 16.3%	2 0.5%	322 86.1%	321 85.8%	369 98.7%	370 98.9%	328 87.7%	278 74.3%
Boone	1916	1803 94.1%	4 0.2%	34 1.8%	59 3.1%	16 0.8%	1822 95.1%	1823 95.1%	1874 97.8%	1870 97.6%	1854 96.8%	1839 96.0%
Bourbon	242	228 94.2%	0 0.0%	3 1.2%	8 3.3%	3 1.2%	236 97.5%	235 97.1%	241 99.6%	236 97.5%	242 100.0%	240 99.2%
Boyd	573	365 63.7%	0 0.0%	2 0.3%	186 32.5%	20 3.5%	374 65.3%	374 65.3%	523 91.3%	527 92.0%	533 93.0%	446 77.8%
Boyle	403	329 81.6%	1 0.2%	3 0.7%	50 12.4%	20 5.0%	349 86.6%	348 86.4%	381 94.5%	378 93.8%	375 93.1%	364 90.3%
Bracken	124	121 97.6%	1 0.8%	0 0.0%	0 0.0%	2 1.6%	116 93.5%	116 86.4%	121 97.6%	121 97.6%	121 97.6%	113 91.1%
Breathitt	136	93 68.4%	1 0.7%	0 0.0%	39 28.7%	3 2.2%	107 78.7%	107 78.7%	135 99.3%	133 97.8%	130 95.6%	122 89.7%
Breckinridge	244	226 92.6%	3 1.2%	3 1.2%	12 4.9%	0 0.0%	232 95.1%	235 96.3%	243 99.6%	240 98.4%	237 97.1%	241 98.8%
Bullitt	1126	1069 94.9%	3 0.3%	10 0.9%	24 2.1%	20 1.8%	1085 96.4%	1079 95.8%	1011 89.8%	1092 97.0%	1095 97.2%	1086 96.4%
Butler	160	158 98.8%	0 0.0%	1 0.6%	0 0.0%	1 0.6%	137 85.6%	137 85.6%	158 98.8%	157 98.1%	154 96.3%	142 88.8%
Caldwell	158	152 96.2%	0 0.0%	2 1.3%	3 1.9%	1 0.6%	127 80.4%	129 81.6%	155 98.1%	152 96.2%	153 96.8%	142 89.9%
Calloway	364	352 96.7%	0 0.0%	6 1.6%	3 0.8%	3 0.8%	342 94.0%	340 93.4%	362 99.5%	360 98.9%	360 98.9%	355 97.5%
Campbell	1068	968 90.6%	6 0.6%	14 1.3%	56 5.2%	24 2.2%	1036 97.0%	1026 96.1%	1052 98.5%	1051 98.4%	1041 97.5%	1033 96.7%
Carlisle	57	51 89.5%	1 1.8%	1 1.8%	4 7.0%	0 0.0%	51 89.5%	52 91.2%	57 100.0%	56 98.2%	57 100.0%	53 93.0%
Carroll	173	100 57.8%	0 0.0%	0 0.0%	71 41.0%	2 1.2%	124 71.7%	123 71.1%	172 99.4%	172 99.4%	169 97.7%	156 90.2%
Carter	349	316 90.5%	0 0.0%	3 0.9%	25 7.2%	5 1.4%	338 96.8%	335 96.0%	344 98.6%	345 98.9%	340 97.4%	327 93.7%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	1 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	56,405	46,620 82.7%	148 0.3%	516 0.9%	7,890 14.0%	1,231 2.2%	48,683 86.3%	47,840 84.8%	53,553 94.9%	54,148 96.0%	53,890 95.5%	50,569 89.7%
Casey	184	167 90.8%	1 0.5%	7 3.8%	8 4.3%	1 0.5%	170 92.4%	169 91.8%	178 96.7%	175 95.1%	175 95.1%	165 89.7%
Christian	279	259 92.8%	2 0.7%	4 1.4%	11 3.9%	3 1.1%	265 95.0%	265 95.0%	275 98.6%	274 98.2%	271 97.1%	265 95.0%
Clark	421	254 60.3%	4 1.0%	5 1.2%	116 27.6%	42 10.0%	314 74.6%	309 73.4%	406 96.4%	404 96.0%	401 95.2%	317 75.3%
Clay	265	187 70.6%	1 0.4%	1 0.4%	75 28.3%	1 0.4%	225 84.9%	225 84.9%	262 98.9%	262 98.9%	257 97.0%	236 89.1%
Clinton	138	119 86.2%	1 0.7%	1 0.7%	15 10.9%	2 1.4%	127 92.0%	127 92.0%	136 98.6%	135 97.8%	134 97.1%	131 94.9%
Crittenden	110	106 96.4%	2 1.8%	1 0.9%	1 0.9%	0 0.0%	109 99.1%	109 99.1%	110 100.0%	109 99.1%	107 97.3%	110 100.0%
Cumberland	78	29 37.2%	0 0.0%	2 2.6%	45 57.7%	2 2.6%	65 83.3%	60 76.9%	75 96.2%	75 96.2%	74 94.9%	64 82.1%
Daviess	1494	1438 96.3%	0 0.0%	11 0.7%	25 1.7%	20 1.3%	1310 87.7%	1330 89.0%	1239 82.9%	1461 97.8%	1454 97.3%	1240 83.0%
Edmonson	127	123 96.9%	0 0.0%	1 0.8%	2 1.6%	1 0.8%	125 98.4%	125 98.4%	126 99.2%	126 99.2%	125 98.4%	125 98.4%
Elliott	68	53 77.9%	0 0.0%	0 0.0%	13 19.1%	2 2.9%	54 79.4%	54 79.4%	64 94.1%	66 97.1%	66 97.1%	54 79.4%
Estill	183	177 96.7%	0 0.0%	0 0.0%	6 3.3%	0 0.0%	180 98.4%	178 97.3%	182 99.5%	182 99.5%	182 99.5%	180 98.4%
Fayette	3719	2823 75.9%	12 0.3%	25 0.7%	768 20.7%	91 2.4%	3083 82.9%	3184 85.6%	3619 97.3%	3609 97.0%	3562 95.8%	3390 91.2%
Fleming	163	157 96.3%	1 0.6%	2 1.2%	2 1.2%	1 0.6%	153 93.9%	154 94.5%	161 98.8%	161 98.8%	161 98.8%	157 96.3%
Floyd	528	397 75.2%	2 0.4%	2 0.4%	36 6.8%	91 17.2%	409 77.5%	412 78.0%	434 82.2%	438 83.0%	433 82.0%	429 81.3%
Franklin	627	393 62.7%	7 1.1%	4 0.6%	165 26.3%	58 9.3%	499 79.6%	463 73.8%	376 60.0%	588 93.8%	588 93.8%	575 91.7%
Fulton	76	75 98.7%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	75 98.7%	75 98.7%	76 100.0%	76 100.0%	76 100.0%	76 100.0%
Gallatin	109	84 77.1%	0 0.0%	1 0.9%	22 20.2%	2 1.8%	94 86.2%	94 86.2%	108 99.1%	108 99.1%	108 99.1%	103 94.5%
Garrard	204	158 77.5%	1 0.5%	1 0.5%	35 17.2%	9 4.4%	185 90.7%	183 89.7%	197 96.6%	197 96.6%	197 96.6%	183 89.7%
Grant	66	49 74.2%	0 0.0%	0 0.0%	17 25.8%	0 0.0%	64 97.0%	64 97.0%	66 100.0%	66 100.0%	66 100.0%	63 95.5%
Graves	444	377 84.9%	0 0.0%	6 1.4%	59 13.3%	2 0.5%	428 96.4%	425 95.7%	433 97.5%	430 96.8%	435 98.0%	428 96.4%
Grayson	314	305 97.1%	0 0.0%	2 0.6%	6 1.9%	1 0.3%	308 98.1%	308 98.1%	313 99.7%	311 99.0%	311 99.0%	310 98.7%
Green	133	122 91.7%	1 0.8%	2 1.5%	8 6.0%	0 0.0%	127 95.5%	126 94.7%	132 99.2%	131 98.5%	128 96.2%	127 95.5%
Greenup	476	432 90.8%	0 0.0%	4 0.8%	38 8.0%	2 0.4%	432 90.8%	430 90.3%	473 99.4%	470 98.7%	467 98.1%	439 92.2%
Hancock	128	116 90.6%	0 0.0%	0 0.0%	10 7.8%	2 1.6%	126 98.4%	126 98.4%	127 99.2%	128 100.0%	127 99.2%	124 96.9%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	1 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	56,405	46,620 82.7%	148 0.3%	516 0.9%	7,890 14.0%	1,231 2.2%	48,683 86.3%	47,840 84.8%	53,553 94.9%	54,148 96.0%	53,890 95.5%	50,569 89.7%
Hardin	1675	1380 82.4%	3 0.2%	10 0.6%	221 13.2%	61 3.6%	1527 91.2%	1427 85.2%	1551 92.6%	1603 95.7%	1594 95.2%	1528 91.2%
Harlan	456	275 60.3%	1 0.2%	1 0.2%	162 35.5%	17 3.7%	238 52.2%	284 62.3%	421 92.3%	425 93.2%	422 92.5%	347 76.1%
Harrison	241	224 92.9%	1 0.4%	4 1.7%	11 4.6%	1 0.4%	234 97.1%	232 96.3%	239 99.2%	237 98.3%	235 97.5%	231 95.9%
Hart	160	155 96.9%	0 0.0%	1 0.6%	2 1.3%	2 1.3%	156 97.5%	155 96.9%	156 97.5%	158 98.8%	156 97.5%	158 98.8%
Henderson	600	518 86.3%	3 0.5%	3 0.5%	60 10.0%	16 2.7%	532 88.7%	532 88.7%	591 98.5%	589 98.2%	589 98.2%	559 93.2%
Henry	216	201 93.1%	0 0.0%	9 4.2%	6 2.8%	0 0.0%	206 95.4%	206 95.4%	209 96.8%	210 97.2%	209 96.8%	202 93.5%
Hickman	57	55 96.5%	0 0.0%	2 3.5%	0 0.0%	0 0.0%	56 98.2%	56 98.2%	56 98.2%	56 98.2%	56 98.2%	55 96.5%
Hopkins	609	581 95.4%	1 0.2%	14 2.3%	13 2.1%	0 0.0%	573 94.1%	573 94.1%	600 98.5%	597 98.0%	596 97.9%	593 97.4%
Jackson	154	60 39.0%	0 0.0%	3 1.9%	86 55.8%	5 3.2%	134 87.0%	134 87.0%	148 96.1%	148 96.1%	147 95.5%	148 96.1%
Jefferson	9910	7349 74.2%	5 0.1%	56 0.6%	2235 22.6%	265 2.7%	7956 80.3%	7412 74.8%	9455 95.4%	9406 94.9%	9428 95.1%	8433 85.1%
Jessamine	659	576 87.4%	0 0.0%	13 2.0%	50 7.6%	20 3.0%	624 94.7%	624 94.7%	634 96.2%	645 97.9%	638 96.8%	631 95.8%
Johnson	313	253 80.8%	0 0.0%	3 1.0%	12 3.8%	45 14.4%	198 63.3%	122 39.0%	258 82.4%	259 82.7%	259 82.7%	249 79.6%
Kenton	2173	2014 92.7%	7 0.3%	26 1.2%	103 4.7%	23 1.1%	2101 96.7%	2102 96.7%	2138 98.4%	2134 98.2%	2123 97.7%	2103 96.8%
Knott	227	122 53.7%	0 0.0%	1 0.4%	101 44.5%	3 1.3%	110 48.5%	102 44.9%	201 88.5%	202 89.0%	200 88.1%	154 67.8%
Knox	595	234 39.3%	9 1.5%	7 1.2%	318 53.4%	27 4.5%	276 46.4%	267 44.9%	545 91.6%	559 93.9%	544 91.4%	357 60.0%
LaRue	178	158 88.8%	0 0.0%	3 1.7%	13 7.3%	4 2.2%	172 96.6%	173 97.2%	173 97.2%	171 96.1%	173 97.2%	170 95.5%
Laurel	762	498 65.4%	1 0.1%	5 0.7%	249 32.7%	9 1.2%	641 84.1%	635 83.3%	726 95.3%	716 94.0%	718 94.2%	620 81.4%
Lawrence	212	200 94.3%	1 0.5%	0 0.0%	11 5.2%	0 0.0%	204 96.2%	202 95.3%	212 100.0%	212 100.0%	211 99.5%	205 96.7%
Lee	56	51 91.1%	0 0.0%	0 0.0%	5 8.9%	0 0.0%	52 92.9%	52 92.9%	56 100.0%	56 100.0%	54 96.4%	53 94.6%
Leslie	130	83 63.8%	1 0.8%	0 0.0%	46 35.4%	0 0.0%	82 63.1%	77 59.2%	128 98.5%	129 99.2%	128 98.5%	96 73.8%
Letcher	229	223 97.4%	4 1.7%	0 0.0%	2 0.9%	0 0.0%	229 100.0%	227 99.1%	229 100.0%	227 99.1%	224 97.8%	228 99.6%
Lewis	155	125 80.6%	0 0.0%	2 1.3%	28 18.1%	0 0.0%	136 87.7%	134 86.5%	148 95.5%	147 94.8%	147 94.8%	127 81.9%
Lincoln	252	215 85.3%	6 2.4%	1 0.4%	28 11.1%	2 0.8%	232 92.1%	233 92.5%	248 98.4%	249 98.8%	243 96.4%	234 92.9%
Livingston	87	74 85.1%	0 0.0%	0 0.0%	12 13.8%	1 1.1%	76 87.4%	76 87.4%	86 98.9%	83 95.4%	83 95.4%	85 97.7%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	1 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	56,405	46,620 82.7%	148 0.3%	516 0.9%	7,890 14.0%	1,231 2.2%	48,683 86.3%	47,840 84.8%	53,553 94.9%	54,148 96.0%	53,890 95.5%	50,569 89.7%
Logan	389	284 73.0%	5 1.3%	5 1.3%	81 20.8%	14 3.6%	311 79.9%	306 78.7%	371 95.4%	372 95.6%	367 94.3%	359 92.3%
Lyon	75	73 97.3%	0 0.0%	1 1.3%	1 1.3%	0 0.0%	74 98.7%	73 97.3%	74 98.7%	74 98.7%	74 98.7%	74 98.7%
Madison	1036	943 91.0%	4 0.4%	20 1.9%	63 6.1%	6 0.6%	979 94.5%	978 94.4%	1019 98.4%	1011 97.6%	1015 98.0%	980 94.6%
Magoffin	148	99 66.9%	0 0.0%	1 0.7%	47 31.8%	1 0.7%	145 98.0%	111 75.0%	141 95.3%	143 96.6%	143 96.6%	124 83.8%
Marion	266	218 82.0%	1 0.4%	2 0.8%	39 14.7%	6 2.3%	228 85.7%	229 86.1%	259 97.4%	256 96.2%	253 95.1%	239 89.8%
Marshall	385	333 86.5%	2 0.5%	7 1.8%	37 9.6%	6 1.6%	356 92.5%	355 92.2%	370 96.1%	373 96.9%	374 97.1%	358 93.0%
Martin	159	159 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	159 100.0%	159 100.0%	158 99.4%	158 99.4%	156 98.1%	149 93.7%
Mason	234	163 69.7%	0 0.0%	1 0.4%	64 27.4%	6 2.6%	177 75.6%	178 76.1%	209 89.3%	217 92.7%	217 92.7%	178 76.1%
McCracken	810	641 79.1%	1 0.1%	18 2.2%	136 16.8%	14 1.7%	752 92.8%	686 84.7%	781 96.4%	773 95.4%	761 94.0%	740 91.4%
McCreary	187	187 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	156 83.4%	157 84.0%	186 99.5%	185 98.9%	184 98.4%	181 96.8%
McLean	107	105 98.1%	1 0.9%	1 0.9%	0 0.0%	0 0.0%	104 97.2%	104 97.2%	105 98.1%	105 98.1%	105 98.1%	105 98.1%
Meade	393	386 98.2%	0 0.0%	3 0.8%	0 0.0%	4 1.0%	375 95.4%	377 95.9%	381 96.9%	381 96.9%	381 96.9%	378 96.2%
Menifee	72	71 98.6%	0 0.0%	0 0.0%	1 1.4%	0 0.0%	71 98.6%	71 98.6%	72 100.0%	72 100.0%	72 100.0%	72 100.0%
Mercer	267	256 95.9%	0 0.0%	3 1.1%	7 2.6%	1 0.4%	262 98.1%	263 98.5%	256 95.9%	262 98.1%	264 98.9%	260 97.4%
Metcalfe	147	106 72.1%	0 0.0%	1 0.7%	37 25.2%	3 2.0%	108 73.5%	108 73.5%	108 73.5%	108 73.5%	108 73.5%	70 47.6%
Monroe	155	142 91.6%	2 1.3%	0 0.0%	8 5.2%	3 1.9%	144 92.9%	145 93.5%	152 98.1%	152 98.1%	152 98.1%	149 96.1%
Montgomery	366	362 98.9%	1 0.3%	1 0.3%	2 0.5%	0 0.0%	355 97.0%	354 96.7%	365 99.7%	365 99.7%	365 99.7%	365 99.7%
Morgan	150	132 88.0%	1 0.7%	0 0.0%	17 11.3%	0 0.0%	132 88.0%	132 88.0%	148 98.7%	148 98.7%	148 98.7%	146 97.3%
Muhlenberg	341	251 73.6%	0 0.0%	1 0.3%	82 24.0%	7 2.1%	293 85.9%	292 85.6%	311 91.2%	335 98.2%	333 97.7%	282 82.7%
Nelson	619	572 92.4%	2 0.3%	4 0.6%	41 6.6%	0 0.0%	574 92.7%	571 92.2%	613 99.0%	606 97.9%	610 98.5%	595 96.1%
Nicholas	66	57 86.4%	0 0.0%	0 0.0%	8 12.1%	1 1.5%	62 93.9%	59 89.4%	63 95.5%	65 98.5%	64 97.0%	62 93.9%
Ohio	324	247 76.2%	0 0.0%	4 1.2%	65 20.1%	8 2.5%	256 79.0%	256 79.0%	270 83.3%	309 95.4%	310 95.7%	265 81.8%
Oldham	1083	1055 97.4%	3 0.3%	22 2.0%	3 0.3%	0 0.0%	1061 98.0%	1062 98.1%	1063 98.2%	1062 98.1%	1059 97.8%	1065 98.3%
Owen	147	140 95.2%	0 0.0%	0 0.0%	6 4.1%	1 0.7%	144 98.0%	143 97.3%	145 98.6%	147 100.0%	145 98.6%	142 96.6%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	1 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	56,405	46,620 82.7%	148 0.3%	516 0.9%	7,890 14.0%	1,231 2.2%	48,683 86.3%	47,840 84.8%	53,553 94.9%	54,148 96.0%	53,890 95.5%	50,569 89.7%
Owsley	Did Not Report											
Pendleton	178	176 98.9%	0 0.0%	2 1.1%	0 0.0%	0 0.0%	176 98.9%	176 98.9%	176 98.9%	176 98.9%	174 97.8%	176 98.9%
Perry	390	286 73.3%	1 0.3%	0 0.0%	103 26.4%	0 0.0%	308 79.0%	300 76.9%	357 91.5%	359 92.1%	356 91.3%	342 87.7%
Pike	678	641 94.5%	3 0.4%	1 0.1%	17 2.5%	16 2.4%	662 97.6%	654 96.5%	672 99.1%	669 98.7%	667 98.4%	651 96.0%
Powell	178	131 73.6%	2 1.1%	2 1.1%	38 21.3%	5 2.8%	156 87.6%	155 87.1%	173 97.2%	170 95.5%	173 97.2%	167 93.8%
Pulaski	843	812 96.3%	2 0.2%	8 0.9%	19 2.3%	2 0.2%	817 96.9%	820 97.3%	834 98.9%	830 98.5%	824 97.7%	822 97.5%
Robertson	43	42 97.7%	0 0.0%	1 2.3%	0 0.0%	0 0.0%	43 100.0%	43 100.0%	43 100.0%	43 100.0%	43 100.0%	42 97.7%
Rockcastle	218	205 94.0%	2 0.9%	1 0.5%	10 4.6%	0 0.0%	192 88.1%	189 86.7%	216 99.1%	216 99.1%	211 96.8%	198 90.8%
Rowan	275	125 45.5%	1 0.4%	4 1.5%	118 42.9%	27 9.8%	138 76.4%	135 49.1%	251 91.3%	246 89.5%	248 90.2%	159 57.8%
Russell	235	214 91.1%	0 0.0%	3 1.3%	17 7.2%	1 0.4%	224 95.3%	221 94.0%	232 98.7%	233 99.1%	231 98.3%	223 94.9%
Scott	748	607 81.1%	2 0.3%	7 0.9%	121 16.2%	11 1.5%	668 89.3%	665 88.9%	674 90.1%	729 97.5%	730 97.6%	695 92.9%
Shelby	531	407 76.6%	1 0.2%	13 2.4%	91 17.1%	19 3.6%	502 94.5%	470 88.5%	518 97.6%	516 97.2%	507 95.5%	492 92.7%
Simpson	Did Not Report											
Spencer	240	236 98.3%	0 0.0%	3 1.3%	1 0.4%	0 0.0%	236 98.3%	236 98.3%	237 98.8%	236 98.3%	236 98.3%	236 98.3%
Taylor	299	261 94.2%	1 0.3%	3 1.0%	34 11.4%	0 0.0%	264 88.3%	258 86.3%	297 99.3%	297 99.3%	294 98.3%	281 94.0%
Todd	128	122 95.3%	0 0.0%	2 1.6%	4 3.1%	0 0.0%	124 96.9%	123 96.1%	127 99.2%	126 98.4%	127 99.2%	119 93.0%
Trigg	151	138 91.4%	0 0.0%	0 0.0%	10 6.6%	3 2.0%	128 84.8%	133 88.1%	133 88.1%	148 98.0%	145 96.0%	139 92.1%
Trimble	95	76 80.0%	0 0.0%	1 1.1%	18 18.9%	0 0.0%	78 82.1%	78 82.1%	94 98.9%	93 97.9%	94 98.9%	91 95.8%
Union	164	149 90.9%	0 0.0%	1 0.6%	14 8.5%	0 0.0%	153 93.3%	153 93.3%	162 98.8%	163 99.4%	162 98.8%	154 93.9%
Warren	1631	1332 81.7%	1 0.1%	11 0.7%	266 16.3%	21 1.3%	1146 70.3%	1282 78.6%	1548 94.9%	1573 96.4%	1560 95.6%	1476 90.5%
Washington	145	142 97.9%	0 0.0%	1 0.7%	2 1.4%	0 0.0%	143 98.6%	143 98.6%	144 99.3%	144 99.3%	143 98.6%	142 97.9%
Wayne	253	246 97.2%	1 0.4%	1 0.4%	5 2.0%	0 0.0%	242 95.7%	242 95.7%	245 96.8%	245 96.8%	244 96.4%	241 95.3%
Webster	175	160 91.4%	1 0.6%	0 0.0%	13 7.4%	1 0.6%	161 92.0%	159 90.9%	173 98.9%	168 96.0%	170 97.1%	162 92.6%
Whitley	672	541 80.5%	2 0.3%	5 0.7%	107 15.9%	17 2.5%	576 85.7%	429 63.8%	641 95.4%	636 94.6%	633 94.2%	522 77.7%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	1 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	56,405	46,620 82.7%	148 0.3%	516 0.9%	7,890 14.0%	1,231 2.2%	48,683 86.3%	47,840 84.8%	53,553 94.9%	54,148 96.0%	53,890 95.5%	50,569 89.7%
Wolfe	87	60 69.0%	0 0.0%	0 0.0%	21 24.1%	6 6.9%	68 78.2%	67 63.8%	84 96.6%	82 94.3%	83 95.4%	79 90.8%
Woodford	356	342 96.1%	2 0.6%	5 1.4%	7 2.0%	0 0.0%	345 96.9%	346 97.2%	348 97.8%	346 97.2%	340 95.5%	341 95.8%

Kentucky Annual School Immunization Survey Report, 2020-2021 — County Profiles

Immunization Coverage in Eleventh Grade for All Schools

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	2 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,454	32,731	275	457	16,741	1,250	48,365	27,676	48,705	49,899	48,647	40,923
		63.6%	0.5%	0.9%	32.5%	2.4%	94.0%	53.8%	94.7%	97.0%	94.5%	79.5%
Adair	175	95	4	0	51	25	172	117	173	170	162	164
		54.3%	2.3%	0.0%	29.1%	14.3%	98.3%	66.9%	98.9%	97.1%	92.6%	93.7%
Allen	195	63	1	1	129	1	193	50	195	194	190	169
		32.3%	0.5%	0.5%	66.2%	0.5%	99.0%	25.6%	100.0%	99.5%	97.4%	86.7%
Anderson	244	65	3	1	160	15	234	71	242	234	229	222
		26.6%	1.2%	0.4%	65.6%	6.1%	95.9%	29.1%	99.2%	95.9%	93.9%	91.0%
Ballard	86	77	0	0	9	0	86	77	86	86	86	83
		89.5%	0.0%	0.0%	10.5%	0.0%	100.0%	89.5%	100.0%	100.0%	100.0%	96.5%
Barren	532	466	4	4	50	8	513	310	516	512	503	444
		87.6%	0.8%	0.8%	9.4%	1.5%	96.4%	58.3%	97.0%	96.2%	94.5%	83.5%
Bath	153	61	0	0	92	0	144	67	152	152	146	107
		39.9%	0.0%	0.0%	60.1%	0.0%	94.1%	43.8%	99.3%	99.3%	95.4%	69.9%
Bell	312	246	0	0	63	3	287	169	301	302	292	203
		78.8%	0.0%	0.0%	20.2%	1.0%	92.0%	54.2%	96.5%	96.8%	93.6%	65.1%
Boone	1729	1444	8	32	235	10	1683	1235	1676	1672	1649	1122
		83.5%	0.5%	1.9%	13.6%	0.6%	97.3%	71.4%	96.9%	96.7%	95.4%	64.9%
Bourbon	257	182	1	3	70	1	251	175	256	256	249	241
		70.8%	0.4%	1.2%	27.2%	0.4%	97.7%	68.1%	99.6%	99.6%	96.9%	93.8%
Boyd	584	285	3	8	276	12	523	158	537	532	522	377
		48.8%	0.5%	1.4%	47.3%	2.1%	89.6%	27.1%	92.0%	91.1%	89.4%	64.6%
Boyle	336	126	1	4	192	13	331	195	332	332	321	303
		37.5%	0.3%	1.2%	57.1%	3.9%	98.5%	58.0%	98.8%	98.8%	95.5%	90.2%
Bracken	116	111	3	0	2	0	111	97	113	113	111	104
		95.7%	2.6%	0.0%	1.7%	0.0%	95.7%	83.6%	97.4%	97.4%	95.7%	89.7%
Breathitt	169	82	1	1	81	4	156	137	165	164	156	101
		48.5%	0.6%	0.6%	47.9%	2.4%	92.3%	81.1%	97.6%	97.0%	92.3%	59.8%
Breckinridge	267	113	1	2	137	14	252	150	258	256	249	227
		42.3%	0.4%	0.7%	51.3%	5.2%	94.4%	56.2%	96.6%	95.9%	93.3%	85.0%
Bullitt	1020	701	10	11	280	18	977	712	943	971	970	961
		68.7%	1.0%	1.1%	27.5%	1.8%	95.8%	69.8%	92.5%	95.2%	95.1%	94.2%
Butler	183	171	0	0	7	5	169	80	173	173	180	131
		93.4%	0.0%	0.0%	3.8%	2.7%	92.3%	43.7%	94.5%	94.5%	98.4%	71.6%
Caldwell	119	85	0	0	34	0	117	19	119	118	109	20
		71.4%	0.0%	0.0%	28.6%	0.0%	98.3%	16.0%	100.0%	99.2%	91.6%	16.8%
Calloway	310	279	1	13	16	1	302	254	305	305	299	289
		90.0%	0.3%	4.2%	5.2%	0.3%	97.4%	81.9%	98.4%	98.4%	96.5%	93.2%
Campbell	1725	1260	9	13	422	21	1686	676	1693	1686	1659	1601
		73.0%	0.5%	0.8%	24.5%	1.2%	97.7%	39.2%	98.1%	97.7%	96.2%	92.8%
Carlisle	47	40	0	0	7	0	46	30	46	47	46	36
		85.1%	0.0%	0.0%	14.9%	0.0%	97.9%	63.8%	97.9%	100.0%	97.9%	76.6%
Carroll	133	68	2	0	56	7	126	58	125	124	123	97
		51.1%	1.5%	0.0%	42.1%	5.3%	94.7%	43.6%	94.0%	93.2%	92.5%	72.9%
Carter	308	149	1	1	152	5	299	98	303	296	286	263
		48.4%	0.3%	0.3%	49.4%	1.6%	97.1%	31.8%	98.4%	96.1%	92.9%	85.4%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	2 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,454	32,731	275	457	16,741	1,250	48,365	27,676	48,705	49,899	48,647	40,923
		63.6%	0.5%	0.9%	32.5%	2.4%	94.0%	53.8%	94.7%	97.0%	94.5%	79.5%
Casey	165	67	0	4	94	0	151	68	162	161	157	151
		40.6%	0.0%	2.4%	57.0%	0.0%	91.5%	41.2%	98.2%	97.6%	95.2%	91.5%
Christian	662	516	0	6	133	7	644	480	648	646	618	564
		77.9%	0.0%	0.9%	20.1%	1.1%	97.3%	72.5%	97.9%	97.6%	93.4%	85.2%
Clark	424	126	1	2	253	42	316	86	333	393	361	171
		29.7%	0.2%	0.5%	59.7%	9.9%	74.5%	20.3%	78.5%	92.7%	85.1%	40.3%
Clay	239	51	0	2	176	10	208	30	41	221	210	90
		21.3%	0.0%	0.8%	73.6%	4.2%	87.0%	12.6%	17.2%	92.5%	87.9%	37.7%
Clinton	106	78	0	3	22	3	100	36	105	105	100	71
		73.6%	0.0%	2.8%	20.8%	2.8%	94.3%	34.0%	99.1%	99.1%	94.3%	67.0%
Crittenden	88	80	0	5	3	0	88	80	88	88	88	82
		90.9%	0.0%	5.7%	3.4%	0.0%	100.0%	90.9%	100.0%	100.0%	100.0%	93.2%
Cumberland	68	51	0	1	11	5	63	64	63	62	61	53
		75.0%	0.0%	1.5%	16.2%	7.4%	92.6%	94.1%	92.6%	91.2%	89.7%	77.9%
Daviss	1389	1215	3	19	134	18	1349	673	1354	1359	1325	1021
		87.5%	0.2%	1.4%	9.6%	1.3%	97.1%	48.5%	97.5%	97.8%	95.4%	73.5%
Edmonson	148	131	0	0	17	0	131	72	148	148	146	131
		88.5%	0.0%	0.0%	11.5%	0.0%	88.5%	48.6%	100.0%	100.0%	98.6%	88.5%
Elliott	55	30	0	1	24	0	54	15	54	53	53	48
		54.5%	0.0%	1.8%	43.6%	0.0%	98.2%	27.3%	98.2%	96.4%	96.4%	87.3%
Estill	169	107	0	0	56	6	164	108	163	163	162	145
		63.3%	0.0%	0.0%	33.1%	3.6%	97.0%	63.9%	96.4%	96.4%	95.9%	85.8%
Fayette	3340	1890	14	23	1291	122	3278	1672	3339	3332	3250	2646
		56.6%	0.4%	0.7%	38.7%	3.7%	98.1%	50.1%	100.0%	99.8%	97.3%	79.2%
Fleming	176	133	2	4	37	0	175	134	175	175	171	162
		75.6%	1.1%	2.3%	21.0%	0.0%	99.4%	76.1%	99.4%	99.4%	97.2%	92.0%
Floyd	408	265	0	2	135	6	402	182	395	402	395	350
		65.0%	0.0%	0.5%	33.1%	1.5%	98.5%	44.6%	96.8%	98.5%	96.8%	85.8%
Franklin	546	210	1	11	280	44	510	446	527	527	500	454
		38.5%	0.2%	2.0%	51.3%	8.1%	93.4%	81.7%	96.5%	96.5%	91.6%	83.2%
Fulton	66	63	0	0	3	0	66	29	66	66	66	61
		95.5%	0.0%	0.0%	4.5%	0.0%	100.0%	43.9%	100.0%	100.0%	100.0%	92.4%
Gallatin	120	51	1	0	64	4	116	14	118	118	112	85
		42.5%	0.8%	0.0%	53.3%	3.3%	96.7%	11.7%	98.3%	98.3%	93.3%	70.8%
Garrard	155	57	1	0	93	4	146	50	149	151	144	130
		36.8%	0.6%	0.0%	60.0%	2.6%	94.2%	32.3%	96.1%	97.4%	92.9%	83.9%
Grant	326	227	7	3	80	9	296	194	299	301	293	258
		69.6%	2.1%	0.9%	24.5%	2.8%	90.8%	59.5%	91.7%	92.3%	89.9%	79.1%
Graves	400	251	4	6	136	3	394	144	393	394	391	319
		62.8%	1.0%	1.5%	34.0%	0.8%	98.5%	36.0%	98.3%	98.5%	97.8%	79.8%
Grayson	317	221	0	2	94	0	316	221	316	316	313	299
		69.7%	0.0%	0.6%	29.7%	0.0%	99.7%	69.7%	99.7%	99.7%	98.7%	94.3%
Green	126	78	2	1	40	5	123	67	126	125	124	101
		61.9%	1.6%	0.8%	31.7%	4.0%	97.6%	53.2%	100.0%	99.2%	98.4%	80.2%
Greenup	466	285	2	2	120	57	420	252	439	431	407	332
		61.2%	0.4%	0.4%	25.8%	12.2%	90.1%	54.1%	94.2%	92.5%	87.3%	71.2%
Hancock	139	105	3	2	23	6	130	92	119	125	124	119
		75.5%	2.2%	1.4%	16.5%	4.3%	93.5%	66.2%	85.6%	89.9%	89.2%	85.6%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	2 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,454	32,731	275	457	16,741	1,250	48,365	27,676	48,705	49,899	48,647	40,923
		63.6%	0.5%	0.9%	32.5%	2.4%	94.0%	53.8%	94.7%	97.0%	94.5%	79.5%
Hardin	1242	591	1	6	588	56	1197	384	1191	1205	1178	958
		47.6%	0.1%	0.5%	47.3%	4.5%	96.4%	30.9%	95.9%	97.0%	94.8%	77.1%
Harlan	283	152	0	2	94	35	232	11	255	256	234	136
		53.7%	0.0%	0.7%	33.2%	12.4%	82.0%	3.9%	90.1%	90.5%	82.7%	48.1%
Harrison	221	157	0	3	61	0	214	141	219	219	209	197
		71.0%	0.0%	1.4%	27.6%	0.0%	96.8%	63.8%	99.1%	99.1%	94.6%	89.1%
Hart	169	68	0	1	100	0	167	60	167	168	163	160
		40.2%	0.0%	0.6%	59.2%	0.0%	98.8%	35.5%	98.8%	99.4%	96.4%	94.7%
Henderson	513	339	13	2	158	1	505	361	500	503	488	437
		66.1%	2.5%	0.4%	30.8%	0.2%	98.4%	70.4%	97.5%	98.1%	95.1%	85.2%
Henry	215	159	1	3	52	0	213	168	215	215	211	196
		74.0%	0.5%	1.4%	24.2%	0.0%	99.1%	78.1%	100.0%	100.0%	98.1%	91.2%
Hickman	51	49	0	1	1	0	50	49	50	50	48	51
		96.1%	0.0%	2.0%	2.0%	0.0%	98.0%	96.1%	98.0%	98.0%	94.1%	100.0%
Hopkins	497	390	0	7	98	2	491	279	492	492	488	467
		78.5%	0.0%	1.4%	19.7%	0.4%	98.8%	56.1%	99.0%	99.0%	98.2%	94.0%
Jackson	152	151	0	1	0	0	133	63	134	134	129	113
		99.3%	0.0%	0.7%	0.0%	0.0%	87.5%	41.4%	88.2%	88.2%	84.9%	74.3%
Jefferson	8053	5271	0	44	2511	227	7458	3831	7577	7632	7529	6051
		65.5%	0.0%	0.5%	31.2%	2.8%	92.6%	47.6%	94.1%	94.8%	93.5%	75.1%
Jessamine	586	163	0	12	407	4	547	402	497	562	542	496
		27.8%	0.0%	2.0%	69.5%	0.7%	93.3%	68.6%	84.8%	95.9%	92.5%	84.6%
Johnson	316	117	1	0	191	7	205	101	294	294	282	205
		37.0%	0.3%	0.0%	60.4%	2.2%	64.9%	32.0%	93.0%	93.0%	89.2%	64.9%
Kenton	2076	1743	5	18	299	11	2053	1626	2055	2055	2027	1812
		84.0%	0.2%	0.9%	14.4%	0.5%	98.9%	78.3%	99.0%	99.0%	97.6%	87.3%
Knott	168	20	0	0	147	1	154	15	167	167	152	64
		11.9%	0.0%	0.0%	87.5%	0.6%	91.7%	8.9%	99.4%	99.4%	90.5%	38.1%
Knox	303	283	11	1	7	1	250	23	295	294	251	98
		93.4%	3.6%	0.3%	2.3%	0.3%	82.5%	7.6%	97.4%	97.0%	82.8%	32.3%
LaRue	173	92	1	2	77	1	168	63	168	168	167	155
		53.2%	0.6%	1.2%	44.5%	0.6%	97.1%	36.4%	97.1%	97.1%	96.5%	89.6%
Laurel	650	405	14	3	194	34	305	203	643	643	607	314
		62.3%	2.2%	0.5%	29.8%	5.2%	46.9%	31.2%	98.9%	98.9%	93.4%	48.3%
Lawrence	165	48	1	0	116	0	164	51	164	163	158	120
		29.1%	0.6%	0.0%	70.3%	0.0%	99.4%	30.9%	99.4%	98.8%	95.8%	72.7%
Lee	57	37	0	2	18	0	55	23	56	56	53	40
		64.9%	0.0%	3.5%	31.6%	0.0%	96.5%	40.4%	98.2%	98.2%	93.0%	70.2%
Leslie	113	31	0	1	81	0	111	29	111	111	106	81
		27.4%	0.0%	0.9%	71.7%	0.0%	98.2%	25.7%	98.2%	98.2%	93.8%	71.7%
Letcher	259	193	2	0	63	1	255	175	259	255	256	227
		74.5%	0.8%	0.0%	24.3%	0.4%	98.5%	67.6%	100.0%	98.5%	98.8%	87.6%
Lewis	173	93	0	0	80	0	172	98	173	173	168	148
		53.8%	0.0%	0.0%	46.2%	0.0%	99.4%	56.6%	100.0%	100.0%	97.1%	85.5%
Lincoln	241	231	7	3	0	0	231	42	239	239	229	207
		95.9%	2.9%	1.2%	0.0%	0.0%	95.9%	17.4%	99.2%	99.2%	95.0%	85.9%
Livingston	68	39	0	0	29	0	64	10	68	67	65	49
		57.4%	0.0%	0.0%	42.6%	0.0%	94.1%	14.7%	100.0%	98.5%	95.6%	72.1%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	2 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,454	32,731	275	457	16,741	1,250	48,365	27,676	48,705	49,899	48,647	40,923
		63.6%	0.5%	0.9%	32.5%	2.4%	94.0%	53.8%	94.7%	97.0%	94.5%	79.5%
Logan	556	225	14	4	311	2	550	324	329	549	526	507
		40.5%	2.5%	0.7%	55.9%	0.4%	98.9%	58.3%	59.2%	98.7%	94.6%	91.2%
Lyon	64	30	0	1	33	0	63	29	63	63	63	61
		46.9%	0.0%	1.6%	51.6%	0.0%	98.4%	45.3%	98.4%	98.4%	98.4%	95.3%
Madison	935	548	8	14	364	1	914	540	921	915	900	841
		58.6%	0.9%	1.5%	38.9%	0.1%	97.8%	57.8%	98.5%	97.9%	96.3%	89.9%
Magoffin	148	56	0	0	92	0	147	62	146	148	140	121
		37.8%	0.0%	0.0%	62.2%	0.0%	99.3%	41.9%	98.6%	100.0%	94.6%	81.8%
Marion	273	170	0	0	100	3	267	194	273	272	265	234
		62.3%	0.0%	0.0%	36.6%	1.1%	97.8%	71.1%	100.0%	99.6%	97.1%	85.7%
Marshall	352	226	1	4	108	13	345	134	347	346	340	291
		64.2%	0.3%	1.1%	30.7%	3.7%	98.0%	38.1%	98.6%	98.3%	96.6%	82.7%
Martin	131	20	1	0	98	12	124	24	124	124	121	90
		15.3%	0.8%	0.0%	74.8%	9.2%	94.7%	18.3%	94.7%	94.7%	92.4%	68.7%
Mason	224	98	0	1	122	3	200	92	215	216	202	150
		43.8%	0.0%	0.4%	54.5%	1.3%	89.3%	41.1%	96.0%	96.4%	90.2%	67.0%
McCracken	723	291	1	22	400	9	626	204	260	687	673	457
		40.2%	0.1%	3.0%	55.3%	1.2%	86.6%	28.2%	36.0%	95.0%	93.1%	63.2%
McCreary	218	108	1	0	109	0	217	107	217	217	215	212
		49.5%	0.5%	0.0%	50.0%	0.0%	99.5%	49.1%	99.5%	99.5%	98.6%	97.2%
McLean	117	107	1	0	8	1	114	104	115	114	112	115
		91.5%	0.9%	0.0%	6.8%	0.9%	97.4%	88.9%	98.3%	97.4%	95.7%	98.3%
Meade	412	285	4	1	122	0	405	264	407	408	399	400
		69.2%	1.0%	0.2%	29.6%	0.0%	98.3%	64.1%	98.8%	99.0%	96.8%	97.1%
Menifee	67	67	0	0	0	0	67	60	67	67	67	57
		100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	89.6%	100.0%	100.0%	100.0%	85.1%
Mercer	222	155	4	3	59	1	219	161	211	219	211	217
		69.8%	1.8%	1.4%	26.6%	0.5%	98.6%	72.5%	95.0%	98.6%	95.0%	97.7%
Metcalfe	119	68	1	1	44	5	114	36	114	114	112	97
		57.1%	0.8%	0.8%	37.0%	4.2%	95.8%	30.3%	95.8%	95.8%	94.1%	81.5%
Monroe	136	73	1	0	62	0	135	53	136	136	135	104
		53.7%	0.7%	0.0%	45.6%	0.0%	99.3%	39.0%	100.0%	100.0%	99.3%	76.5%
Montgomery	333	256	12	2	61	2	329	252	329	330	318	312
		76.9%	3.6%	0.6%	18.3%	0.6%	98.8%	75.7%	98.8%	99.1%	95.5%	93.7%
Morgan	133	56	0	2	73	2	128	53	131	129	124	94
		42.1%	0.0%	1.5%	54.9%	1.5%	96.2%	39.8%	98.5%	97.0%	93.2%	70.7%
Muhlenberg	331	316	1	2	11	1	14	95	306	321	316	199
		95.5%	0.3%	0.6%	3.3%	0.3%	4.2%	28.7%	92.4%	97.0%	95.5%	60.1%
Nelson	576	385	11	4	124	52	515	398	522	523	515	498
		66.8%	1.9%	0.7%	21.5%	9.0%	89.4%	69.1%	90.6%	90.8%	89.4%	86.5%
Nicholas	59	33	0	0	25	1	58	58	58	58	57	45
		55.9%	0.0%	0.0%	42.4%	1.7%	98.3%	98.3%	98.3%	98.3%	96.6%	76.3%
Ohio	267	135	0	2	109	21	243	240	261	262	241	139
		50.6%	0.0%	0.7%	40.8%	7.9%	91.0%	89.9%	97.8%	98.1%	90.3%	52.1%
Oldham	1029	905	5	14	102	3	1009	920	1013	1015	1001	1009
		87.9%	0.5%	1.4%	9.9%	0.3%	98.1%	89.4%	98.4%	98.6%	97.3%	98.1%
Owen	152	70	1	0	81	0	152	62	152	151	148	134
		46.1%	0.7%	0.0%	53.3%	0.0%	100.0%	40.8%	100.0%	99.3%	97.4%	88.2%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	2 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,454	32,731	275	457	16,741	1,250	48,365	27,676	48,705	49,899	48,647	40,923
		63.6%	0.5%	0.9%	32.5%	2.4%	94.0%	53.8%	94.7%	97.0%	94.5%	79.5%
Owsley	Did Not Report											
Pendleton	161	134	0	2	25	0	159	127	159	158	158	159
		83.2%	0.0%	1.2%	15.5%	0.0%	98.8%	78.9%	98.8%	98.1%	98.1%	98.8%
Perry	331	100	4	1	216	10	311	81	320	323	303	248
		30.2%	1.2%	0.3%	65.3%	3.0%	94.0%	24.5%	96.7%	97.6%	91.5%	74.9%
Pike	725	583	1	2	133	6	550	511	688	708	707	709
		80.4%	0.1%	0.3%	18.3%	0.8%	75.9%	70.5%	94.9%	97.7%	97.5%	97.8%
Powell	172	44	2	2	123	1	164	25	151	167	161	138
		25.6%	1.2%	1.2%	71.5%	0.6%	95.3%	14.5%	87.8%	97.1%	93.6%	80.2%
Pulaski	811	593	3	8	205	2	798	602	801	804	786	764
		73.1%	0.4%	1.0%	25.3%	0.2%	98.4%	74.2%	98.8%	99.1%	96.9%	94.2%
Robertson	20	18	0	0	2	0	20	11	20	20	19	20
		90.0%	0.0%	0.0%	10.0%	0.0%	100.0%	55.0%	100.0%	100.0%	95.0%	100.0%
Rockcastle	211	57	2	1	146	5	205	62	210	208	195	156
		27.0%	0.9%	0.5%	69.2%	2.4%	97.2%	29.4%	99.5%	98.6%	92.4%	73.9%
Rowan	237	85	3	1	136	12	223	74	219	222	216	125
		35.9%	1.3%	0.4%	57.4%	5.1%	94.1%	31.2%	92.4%	93.7%	91.1%	52.7%
Russell	198	173	0	1	24	0	197	170	198	198	192	190
		87.4%	0.0%	0.5%	12.1%	0.0%	99.5%	85.9%	100.0%	100.0%	97.0%	96.0%
Scott	718	521	2	4	186	5	685	409	639	695	677	604
		72.6%	0.3%	0.6%	25.9%	0.7%	95.4%	57.0%	89.0%	96.8%	94.3%	84.1%
Shelby	466	214	2	6	222	22	436	243	450	451	431	347
		45.9%	0.4%	1.3%	47.6%	4.7%	93.6%	52.1%	96.6%	96.8%	92.5%	74.5%
Simpson	Did Not Report											
Spencer	230	144	1	3	82	0	228	119	228	229	226	209
		62.6%	0.4%	1.3%	35.7%	0.0%	99.1%	51.7%	99.1%	99.6%	98.3%	90.9%
Taylor	270	78	9	5	169	9	261	117	266	263	252	222
		28.9%	3.3%	1.9%	62.6%	3.3%	96.7%	43.3%	98.5%	97.4%	93.3%	82.2%
Todd	142	84	0	0	56	2	136	138	139	138	136	125
		59.2%	0.0%	0.0%	39.4%	1.4%	95.8%	97.2%	97.9%	97.2%	95.8%	88.0%
Trigg	147	92	2	2	40	11	143	103	146	145	140	127
		62.6%	1.4%	1.4%	27.2%	7.5%	97.3%	70.1%	99.3%	98.6%	95.2%	86.4%
Trimble	76	49	1	1	25	0	74	52	74	72	71	65
		64.5%	1.3%	1.3%	32.9%	0.0%	97.4%	68.4%	97.4%	94.7%	93.4%	85.5%
Union	146	90	5	4	47	0	146	103	143	142	141	111
		61.6%	3.4%	2.7%	32.2%	0.0%	100.0%	70.5%	97.9%	97.3%	96.6%	76.0%
Warren	1473	874	10	13	567	9	1382	943	1425	1440	1412	1263
		59.3%	0.7%	0.9%	38.5%	0.6%	93.8%	64.0%	96.7%	97.8%	95.9%	85.7%
Washington	181	138	3	3	37	0	181	145	181	181	181	123
		76.2%	1.7%	1.7%	20.4%	0.0%	100.0%	80.1%	100.0%	100.0%	100.0%	68.0%
Wayne	243	185	0	1	56	1	236	185	237	237	243	234
		76.1%	0.0%	0.4%	23.0%	0.4%	97.1%	76.1%	97.5%	97.5%	100.0%	96.3%
Webster	136	132	0	2	0	2	132	47	121	129	125	78
		97.1%	0.0%	1.5%	0.0%	1.5%	97.1%	34.6%	89.0%	94.9%	91.9%	57.4%
Whitley	542	184	3	6	239	110	465	425	465	516	468	317
		33.9%	0.6%	1.1%	44.1%	20.3%	85.8%	78.4%	85.8%	95.2%	86.3%	58.5%

County	# of Students	Current Cert.	Med. Exempt	Relig. Exempt	Expired Cert.	No Cert.	1 Tdap	2 MCV	3+HepB	2 MMR	2 Varicella	2 HepA
Kentucky (Total)	51,454	32,731	275	457	16,741	1,250	48,365	27,676	48,705	49,899	48,647	40,923
		63.6%	0.5%	0.9%	32.5%	2.4%	94.0%	53.8%	94.7%	97.0%	94.5%	79.5%
Wolfe	86	26	0	0	48	12	80	10	80	79	66	27
		30.2%	0.0%	0.0%	55.8%	14.0%	93.0%	11.6%	93.0%	91.9%	76.7%	31.4%
Woodford	313	171	4	7	127	4	306	156	308	310	291	288
		54.6%	1.3%	2.2%	40.6%	1.3%	97.8%	49.8%	98.4%	99.0%	93.0%	92.0%

APPENDIX B

KENTUCKY ANNUAL SCHOOL IMMUNIZATION SURVEY REPORT 2020-2021

**Changes in Percentage of Coverage Rates by Vaccine
and Changes in Rank Order of Counties by Vaccine,
Comparing Results of the 2019-2020 to the 2020-2021
Annual School Immunization Surveys, by County
for Kindergarten, Seventh, and Eleventh Grade**

**KINDERGARTEN - Sorted by County Name in Alphabetical Order (B-1)
SEVENTH - Sorted by County Name in Alphabetical Order (B-2)
ELEVENTH - Sorted by County Name in Alphabetical Order (B-3)**

Two-Year Comparison of Changes in Percentage of Coverage Rates, by County

Each of the age-specific reports for Kindergarten, Seventh, and Eleventh (Appendix B-1, B-2, and B-3) provides the change in percentage of coverage rates for all six age-appropriate vaccinations surveyed, and the change in rank order of county rankings for all six age-appropriate vaccinations surveyed when comparing the results of the 2019-2020 to the 2020-2021 Annual School Immunization Surveys.

The change in county coverage rates (i.e. change in percentage for each age-appropriate vaccine compared with the previous year's results) were calculated for each county. Counties were classified into two groups:

- Counties with a positive change in percentage were highlighted in yellow. 
- Counties with a negative change in percentage were highlighted in blue. 

The change in rank order of a county from the previous year's results was assessed using the difference in the rank order from 2019-2020 to 2020-2021 for all six age-appropriate vaccinations surveyed. Counties were classified into two groups:

- Counties with a positive change in rank order were highlighted in yellow. 
- Counties with a negative change in rank order were highlighted in blue. 

Several objectives for immunizations were 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 Branch to identify schools that have been successful with vaccination compliance for school aged children in the survey year.

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

2020-2021 Annual School Immunization Survey--Kindergarten Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 to 2020-2021

4+ DTaP						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.4%	N/A	90.2%	N/A	-3.5%	N/A
Adair	93.8%	85	93.8%	64	0.1%	21
Allen	99.5%	7	95.5%	46	-4.0%	-39
Anderson	96.7%	48	26.6%	119	-72.5%	-71
Ballard	100.0%	1	98.8%	12	-1.3%	-11
Barren	94.6%	81	88.5%	88	-6.5%	-7
Bath	93.8%	84	83.2%	101	-11.3%	-17
Bell	97.8%	25	97.8%	22	0.0%	3
Boone	96.1%	60	96.1%	38	0.1%	22
Bourbon	97.6%	26	98.0%	19	0.4%	7
Boyd	88.5%	112	86.9%	93	-1.7%	19
Boyle	97.9%	24	89.7%	84	-8.4%	-60
Bracken	96.2%	57	97.8%	23	1.6%	34
Breathitt	98.2%	19	91.2%	81	-7.1%	-62
Breckinridge	91.6%	100	97.1%	30	6.1%	70
Bullitt	98.7%	13	95.4%	48	-3.4%	-35
Butler	95.2%	73	97.2%	28	100.0%	45
Caldwell	93.3%	93	92.6%	70	-0.7%	23
Calloway	95.5%	68	96.8%	35	1.4%	33
Campbell	98.1%	22	96.9%	33	-1.2%	-11
Carlisle	93.4%	92	96.3%	37	3.1%	55

*Includes all schools who reported within a given county.

Carroll	97.9%	23	94.8%	55	-3.2%	-32
Carter	95.2%	72	95.5%	47	0.3%	25
Casey	91.7%	99	85.3%	98	-7.0%	1
Christian	91.5%	102	87.7%	90	-4.1%	12
Clark	96.0%	61	95.7%	45	-0.3%	16
	4+ DTaP	82	81.8%	105	-13.3%	-23

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.4%	N/A	90.2%	N/A	-3.5%	N/A
Cumberland	94.7%	78	91.4%	79	-3.5%	-1
Daviess	95.8%	63	91.7%	76	-4.3%	-13
Edmonson	97.4%	31	99.3%	8	1.9%	23
Elliott	95.1%	76	82.0%	104	-13.8%	-28
Estill	95.1%	75	98.2%	18	3.3%	57
Fayette	97.1%	38	94.8%	56	-2.4%	-18
Fleming	98.9%	11	94.7%	57	-4.3%	-46
Floyd	95.5%	67	98.5%	14	3.1%	53
Franklin	95.8%	64	92.4%	72	-3.5%	-8
Fulton	97.2%	36	100.0%	1	2.9%	35
Gallatin	82.9%	116	96.0%	41	15.9%	75
Garrard	95.6%	66	88.7%	87	-7.2%	-21

*Includes all schools who reported within a given county.

Grant	98.7%	14	95.0%	52	-3.7%	-38
Graves	96.7%	49	91.6%	77	-5.2%	-28
Grayson	98.9%	9	97.6%	24	-1.3%	-15
Green	98.3%	17	99.2%	9	0.9%	8
Greenup	96.6%	50	86.2%	95	-10.8%	-45
Hancock	94.6%	80	98.9%	10	4.5%	70
Hardin	91.5%	101	90.7%	83	-0.9%	18
Harlan	74.3%	118	60.0%	117	-19.2%	1
Harrison	95.3%	69	97.2%	29	2.0%	40
Hart	96.5%	51	95.1%	51	-1.5%	0
Henderson	96.1%	59	92.2%	73	-4.1%	-14
Henry	96.5%	52	97.4%	26	0.9%	26
Hickman	100.0%	1	100.0%	1	0.0%	0
Hopkins	95.7%	65	92.0%	74	-3.8%	-9
Jackson	98.9%	12	100.0%	1	1.1%	11
Jefferson	86.2%	114	77.7%	108	-9.8%	6
Jessamine	89.0%	110	92.5%	71	3.9%	39
Johnson	91.4%	103	94.1%	61	2.9%	42
Kenton	97.5%	27	97.5%	25	-0.1%	2
Knott	83.7%	115	71.0%	113	-15.1%	2

*Includes all schools who reported within a given county.

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.4%	N/A	90.2%	N/A	-3.5%	N/A
Knox	88.9%	111	55.6%	118	-37.5%	-7
LaRue	93.6%	88	76.4%	110	-18.4%	-22
Laurel	92.0%	96	93.9%	62	2.1%	34
Lawrence	96.2%	56	95.1%	50	-1.2%	6
Lee	95.2%	73	97.3%	27	2.2%	46
Leslie	94.7%	78	89.3%	85	-5.8%	-7
Letcher	97.1%	37	93.0%	67	-4.2%	-30
Lewis	96.9%	45	90.9%	82	-6.2%	-37
Lincoln	93.7%	87	91.9%	75	-1.9%	12
Livingston	89.7%	107	89.0%	86	-0.8%	21
Logan	92.9%	94	84.5%	100	-9.0%	-6
Lyon	100.0%	1	98.3%	17	-1.7%	-16
Madison	97.5%	29	92.9%	69	-4.8%	-40
Magoffin	93.6%	89	85.6%	96	-8.6%	-7
Marion	96.9%	42	79.9%	107	-17.6%	-65
Marshall	94.9%	77	93.0%	68	-2.0%	9
Martin	93.5%	91	81.5%	106	-12.8%	-15
Mason	89.4%	108	82.7%	102	-7.5%	6
McCracken	90.9%	105	99.9%	7	9.9%	98
McCreary	95.2%	71	87.9%	89	-7.7%	-18

*Includes all schools who reported within a given county.

McLean	100.0%	1	100.0%	1	0.0%	0
Meade	98.1%	21	77.2%	109	-21.3%	-88
Menifee	98.6%	15	98.3%	16	-0.3%	-1
Mercer	97.0%	41	84.6%	99	-12.8%	-58
Metcalfe	96.4%	54	82.0%	103	-15.0%	-49
Monroe	97.4%	32	71.6%	112	-26.4%	-80
Montgomery	98.5%	16	97.1%	32	-1.4%	-16
Morgan	96.2%	58	94.8%	54	-1.4%	4
Muhlenberg	91.8%	98	87.6%	91	-4.6%	7
Nelson	96.0%	62	97.8%	21	1.9%	41
Nicholas	98.9%	10	95.2%	49	-3.8%	-39

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.4%	N/A	90.2%	N/A	-3.5%	N/A
Ohio	68.6%	120	64.6%	116	-5.9%	4
Oldham	97.1%	40	98.6%	13	1.6%	27
Owen	96.4%	55	96.1%	40	-0.3%	15
Owsley	71.4%	119	0.0%	120	-100.0%	-1
Pendleton	97.5%	30	95.9%	42	-1.6%	-12
Perry	82.7%	117	68.3%	114	-17.4%	3
Pike	96.9%	43	96.1%	39	-0.8%	4
Powell	89.3%	109	87.5%	92	-2.0%	17
Pulaski	97.3%	35	96.9%	34	-0.4%	1

*Includes all schools who reported within a given county.

Robertson	100.0%	1	100.0%	1	0.0%	0
Rockcastle	91.9%	97	85.4%	97	-7.2%	0
Rowan	90.2%	106	94.4%	59	4.6%	47
Russell	98.3%	18	95.7%	44	-2.6%	-26
Scott	97.4%	33	93.9%	63	-3.6%	-30
Shelby	94.0%	83	94.3%	60	0.3%	23
Simpson	96.8%	46	97.1%	31	0.3%	15
Spencer	97.5%	28	97.9%	20	0.4%	8
Taylor	93.6%	90	95.0%	52	1.5%	38
Todd	93.8%	85	94.4%	58	0.7%	27
Trigg	96.5%	53	93.2%	66	-3.4%	-13
Trimble	100.0%	1	100.0%	1	0.0%	0
Union	97.3%	34	86.4%	94	-11.2%	-60
Warren	92.5%	95	91.5%	78	-1.0%	17
Washington	99.4%	8	96.6%	36	-2.8%	-28
Wayne	98.2%	20	98.4%	15	0.2%	5
Webster	95.3%	69	93.8%	65	-1.6%	4
Whitley	90.9%	104	73.1%	111	-19.7%	-7
Wolfe	87.9%	113	91.3%	80	3.9%	33
Woodford	97.1%	39	95.7%	43	-1.4%	-4

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey--Kindergarten Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 to 2020-2021

3+ Polio						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	94.2%	N/A	90.9%	N/A	-3.5%	N/A
Adair	96.2%	75	96.3%	50	0.1%	25
Allen	99.5%	9	96.0%	55	-3.6%	-46
Anderson	96.3%	68	27.4%	119	-71.5%	-51
Ballard	100.0%	1	98.8%	14	-1.2%	-13
Barren	95.5%	80	89.5%	91	-6.4%	-11
Bath	96.6%	59	83.2%	104	-13.9%	-45
Bell	98.4%	21	98.4%	17	0.0%	4
Boone	96.4%	66	96.3%	49	-0.1%	17
Bourbon	97.6%	33	98.0%	25	0.4%	8
Boyd	92.5%	100	89.9%	90	-2.8%	10
Boyle	98.2%	25	90.5%	88	-7.8%	-63
Bracken	96.2%	74	98.9%	12	2.8%	62
Breathitt	97.1%	49	93.0%	72	-4.2%	-23
Breckinridge	92.4%	101	97.1%	38	5.1%	63
Bullitt	98.7%	17	95.7%	58	-3.1%	-41
Butler	95.2%	83	97.2%	37	100.0%	46
Caldwell	91.8%	106	93.4%	70	1.8%	36
Calloway	96.0%	78	96.5%	46	0.5%	32
Campbell	98.4%	22	97.6%	31	-0.8%	-9
Carlisle	95.1%	85	96.3%	50	1.3%	35

*Includes all schools who reported within a given county.

Carroll	99.3%	12	94.2%	67	-5.1%	-55
Carter	96.7%	57	96.1%	53	-0.6%	4
Casey	92.2%	103	86.5%	97	-6.2%	6
Christian	90.0%	111	85.2%	99	-5.4%	12
Clark	97.0%	52	95.7%	57	-1.3%	-5
Clay	97.0%	51	82.1%	105	-15.3%	-54

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	94.2%	N/A	90.9%	N/A	-3.5%	N/A
Clinton	97.6%	33	67.5%	116	-30.8%	-83
Crittenden	96.9%	53	98.8%	15	2.0%	38
Cumberland	96.1%	77	91.4%	85	100.0%	-8
Daviess	96.2%	71	93.0%	73	-3.4%	-2
Edmonson	97.4%	38	99.3%	9	1.9%	29
Elliott	96.3%	69	83.6%	103	100.0%	-34
Estill	96.2%	72	98.8%	13	2.7%	59
Fayette	97.4%	39	95.9%	56	-1.6%	-17
Fleming	99.4%	10	97.0%	40	-2.5%	-30
Floyd	97.0%	50	98.3%	22	1.3%	28
Franklin	96.3%	70	93.5%	69	-2.8%	1
Fulton	97.2%	44	100.0%	1	2.9%	43
Gallatin	85.6%	116	97.0%	40	100.0%	76
Garrard	96.7%	58	88.7%	94	-8.3%	-36

*Includes all schools who reported within a given county.

Grant	97.3%	42	96.2%	52	-1.2%	-10
Graves	96.5%	64	92.1%	79	-4.5%	-15
Grayson	98.9%	14	97.6%	32	-1.3%	-18
Green	98.3%	24	99.2%	10	0.9%	14
Greenup	96.8%	55	86.7%	96	-10.4%	-41
Hancock	95.8%	79	100.0%	1	4.3%	78
Hardin	92.1%	104	91.1%	86	-1.1%	18
Harlan	76.3%	119	61.5%	117	-19.4%	2
Harrison	96.1%	76	98.1%	24	2.1%	52
Hart	96.5%	60	94.0%	68	-2.6%	-8
Henderson	94.9%	88	92.4%	78	-2.6%	10
Henry	96.5%	62	97.4%	35	0.9%	27
Hickman	100.0%	1	100.0%	1	0.0%	0
Hopkins	96.2%	72	92.6%	75	-3.7%	-3
Jackson	98.9%	15	100.0%	1	1.1%	14
Jefferson	87.2%	115	78.6%	108	-9.9%	7
Jessamine	90.4%	109	90.2%	89	100.0%	20
Johnson	92.8%	97	95.4%	61	2.8%	36

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	94.2%	N/A	90.9%	N/A	-3.5%	N/A
Kenton	97.7%	30	97.9%	28	0.2%	2
Knott	88.5%	114	71.0%	113	-19.7%	1

*Includes all schools who reported within a given county.

Knox	90.6%	108	56.3%	118	-37.8%	-10
LaRue	94.8%	90	77.9%	109	-17.9%	-19
Laurel	93.6%	93	94.8%	64	1.3%	29
Lawrence	96.8%	56	96.3%	47	-0.4%	9
Lee	95.2%	83	98.6%	16	100.0%	67
Leslie	97.4%	41	92.0%	80	-5.6%	-39
Letcher	98.3%	23	96.7%	44	-1.6%	-21
Lewis	96.9%	54	91.5%	82	-5.6%	-28
Lincoln	94.5%	91	91.9%	81	-2.8%	10
Livingston	92.3%	102	91.5%	82	-0.9%	20
Logan	94.9%	87	84.2%	101	-11.3%	-14
Lyon	100.0%	1	98.3%	19	-1.7%	-18
Madison	97.9%	26	94.2%	66	-3.7%	-40
Magoffin	92.9%	96	85.6%	98	-7.9%	-2
Marion	97.8%	29	80.3%	107	-17.9%	-78
Marshall	96.4%	67	92.7%	74	-3.8%	-7
Martin	92.5%	99	81.5%	106	-11.9%	-7
Mason	89.9%	112	84.7%	100	-5.8%	12
McCracken	91.9%	105	100.0%	1	8.9%	104
McCreary	97.1%	46	91.0%	87	-6.4%	-41

*Includes all schools who reported within a given county.

McLean	100.0%	1	100.0%	1	0.0%	0
Meade	99.4%	11	76.7%	110	-22.8%	-99
Menifee	100.0%	1	98.3%	19	-1.7%	-18
Mercer	98.7%	18	97.8%	29	-0.9%	-11
Metcalfe	97.6%	31	84.0%	102	100.0%	-71
Monroe	97.4%	40	73.1%	112	-24.9%	-72
Montgomery	98.9%	16	97.1%	39	-1.8%	-23
Morgan	97.5%	36	96.8%	43	-0.7%	-7
Muhlenberg	93.3%	94	89.0%	93	-4.6%	1

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	94.2%	N/A	90.9%	N/A	-3.5%	N/A
Nelson	96.5%	61	97.6%	30	1.2%	31
Nicholas	97.9%	27	97.6%	33	0.0%	-6
Ohio	77.7%	118	67.5%	115	-13.0%	3
Oldham	97.5%	35	98.3%	23	0.7%	12
Owen	97.8%	28	99.0%	11	1.2%	17
Owsley	71.4%	120	0.0%	120	100.0%	0
Pendleton	97.5%	36	97.2%	36	100.0%	0
Perry	85.4%	117	68.3%	114	-20.0%	3
Pike	99.0%	13	96.9%	42	-2.2%	-29
Powell	94.1%	92	92.5%	76	-1.7%	16
Pulaski	97.6%	32	96.6%	45	-1.0%	-13

*Includes all schools who reported within a given county.

Robertson	100.0%	1	100.0%	1	0.0%	0
Rockcastle	93.0%	95	89.4%	92	-3.9%	3
Rowan	90.2%	110	94.4%	65	4.6%	45
Russell	98.7%	19	97.4%	34	-1.3%	-15
Scott	97.3%	43	95.4%	60	-1.9%	-17
Shelby	94.9%	86	95.3%	62	0.4%	24
Simpson	97.2%	45	98.3%	19	1.2%	26
Spencer	97.1%	48	97.9%	27	0.8%	21
Taylor	94.8%	89	96.3%	48	1.6%	41
Todd	95.3%	81	96.0%	54	0.8%	27
Trigg	96.5%	63	93.2%	71	-3.4%	-8
Trimble	100.0%	1	100.0%	1	100.0%	0
Union	96.4%	65	88.7%	94	-8.0%	-29
Warren	92.7%	98	91.5%	84	-1.4%	14
Washington	100.0%	1	98.0%	25	-2.0%	-24
Wayne	98.6%	20	98.4%	18	-0.3%	2
Webster	95.3%	82	95.0%	63	-0.3%	19
Whitley	91.1%	107	75.0%	111	-17.7%	-4
Wolfe	89.0%	113	92.4%	77	3.8%	36
Woodford	97.1%	47	95.4%	59	-1.7%	-12

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey--Kindergarten Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

3+ HepB						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.7%	N/A	89.8%	N/A	-4.1%	N/A
Adair	96.6%	60	95.7%	53	-1.0%	7
Allen	99.5%	9	96.0%	50	-3.6%	-41
Anderson	97.4%	41	26.2%	119	-73.1%	-78
Ballard	100.0%	1	98.8%	14	-1.3%	-13
Barren	88.2%	113	90.3%	90	2.3%	23
Bath	94.9%	83	83.2%	104	-12.3%	-21
Bell	98.7%	19	99.0%	9	0.3%	10
Boone	96.8%	58	96.4%	43	-0.4%	15
Bourbon	97.2%	46	98.4%	20	1.2%	26
Boyd	93.1%	94	91.6%	81	-1.6%	13
Boyle	96.6%	64	87.3%	97	-9.6%	-33
Bracken	97.1%	48	98.9%	11	1.8%	37
Breathitt	98.2%	26	92.4%	75	-6.0%	-49
Breckinridge	92.4%	97	97.1%	37	5.1%	60
Bullitt	99.1%	13	95.2%	58	-4.0%	-45
Butler	94.6%	85	97.9%	26	100.0%	59
Caldwell	94.8%	84	91.0%	86	-4.0%	-2
Calloway	96.0%	75	96.8%	41	0.8%	34
Campbell	97.8%	31	97.5%	33	-0.3%	-2
Carlisle	95.1%	82	96.3%	45	1.3%	37

*Includes all schools who reported within a given county.

Carroll	98.6%	21	94.8%	66	-3.9%	-45
Carter	96.4%	67	94.3%	67	-2.2%	0
Casey	92.2%	99	90.6%	88	-1.8%	11
Christian	90.7%	105	87.9%	96	-3.1%	9
Clark	97.4%	42	95.2%	57	-2.3%	-15
Clay	96.6%	62	82.9%	105	-14.2%	-43

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.7%	N/A	89.8%	N/A	-4.1%	N/A
Clinton	97.6%	36	86.2%	101	-11.7%	-65
Crittenden	96.9%	52	98.8%	13	2.0%	39
Cumberland	93.4%	91	91.4%	83	100.0%	8
Daviess	93.7%	88	86.6%	99	-7.5%	-11
Edmonson	98.1%	28	99.3%	5	1.3%	23
Elliott	100.0%	1	82.0%	106	100.0%	-105
Estill	95.7%	78	98.8%	12	3.3%	66
Fayette	97.4%	40	95.2%	59	-2.3%	-19
Fleming	98.9%	16	97.6%	30	-1.3%	-14
Floyd	97.2%	44	73.7%	112	-24.2%	-68
Franklin	96.6%	63	93.4%	70	-3.4%	-7
Fulton	97.2%	45	98.6%	17	1.5%	28
Gallatin	91.9%	102	95.0%	62	100.0%	40
Garrard	94.5%	86	88.7%	93	-6.1%	-7

*Includes all schools who reported within a given county.

Grant	96.3%	69	95.3%	56	-1.1%	13
Graves	97.7%	33	92.5%	74	-5.3%	-41
Grayson	98.9%	15	97.6%	31	-1.3%	-16
Green	98.3%	24	99.2%	6	0.9%	18
Greenup	96.8%	56	86.9%	98	-10.2%	-42
Hancock	92.3%	98	98.9%	10	7.2%	88
Hardin	90.4%	107	89.3%	92	-1.3%	15
Harlan	74.0%	120	64.5%	117	-12.8%	3
Harrison	96.1%	74	98.6%	18	2.6%	56
Hart	97.5%	37	95.6%	54	-1.9%	-17
Henderson	96.5%	65	92.0%	77	-4.7%	-12
Henry	96.0%	77	97.4%	35	1.4%	42
Hickman	98.0%	29	100.0%	1	2.0%	28
Hopkins	96.2%	70	94.9%	65	-1.4%	5
Jackson	98.9%	17	100.0%	1	1.1%	16
Jefferson	86.2%	114	74.1%	111	-14.1%	3
Jessamine	89.3%	111	92.3%	76	100.0%	35
Johnson	92.4%	96	95.8%	52	3.6%	44

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.7%	N/A	89.8%	N/A	-4.1%	N/A
Kenton	97.6%	35	97.5%	34	-0.1%	1
Knott	90.4%	108	71.6%	114	-20.8%	-6

*Includes all schools who reported within a given county.

Knox	90.8%	104	57.6%	118	-36.6%	-14
LaRue	93.6%	89	77.9%	108	-16.9%	-19
Laurel	92.0%	101	95.3%	55	3.6%	46
Lawrence	96.8%	59	98.2%	23	1.4%	36
Lee	98.8%	18	98.6%	16	100.0%	2
Leslie	93.0%	95	92.0%	78	-1.1%	17
Letcher	97.9%	30	99.5%	4	1.6%	26
Lewis	97.5%	38	95.1%	60	-2.4%	-22
Lincoln	96.6%	61	92.9%	72	-3.9%	-11
Livingston	93.6%	90	91.5%	82	-2.3%	8
Logan	96.0%	76	86.3%	100	-10.1%	-24
Lyon	100.0%	1	98.3%	21	-1.7%	-20
Madison	98.2%	27	93.5%	69	-4.8%	-42
Magoffin	94.3%	87	91.7%	80	-2.8%	7
Marion	96.5%	66	79.9%	107	-17.2%	-41
Marshall	96.4%	68	90.5%	89	-6.1%	-21
Martin	95.3%	80	85.7%	102	-10.1%	-22
Mason	86.2%	115	85.1%	103	-1.2%	12
McCracken	92.1%	100	99.2%	7	7.7%	93
McCreary	97.1%	48	89.9%	91	-7.4%	-43

*Includes all schools who reported within a given county.

McLean	100.0%	1	100.0%	1	0.0%	0
Meade	99.1%	14	77.2%	109	-22.1%	-95
Menifee	100.0%	1	98.3%	21	-1.7%	-20
Mercer	98.3%	25	96.9%	40	-1.4%	-15
Metcalfe	97.6%	34	91.0%	85	100.0%	-51
Monroe	96.1%	72	71.6%	113	-25.5%	-41
Montgomery	98.5%	23	96.2%	46	-2.3%	-23
Morgan	96.8%	54	96.8%	42	-0.1%	12
Muhlenberg	93.3%	92	91.9%	79	-1.5%	13

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.7%	N/A	89.8%	N/A	-4.1%	N/A
Nelson	96.1%	71	97.6%	29	1.5%	42
Nicholas	96.8%	55	97.6%	32	0.0%	23
Ohio	78.6%	118	75.2%	110	-4.4%	8
Oldham	97.0%	51	97.8%	27	0.9%	24
Owen	97.8%	32	96.1%	48	-1.7%	-16
Owsley	75.7%	119	0.0%	120	100.0%	-1
Pendleton	99.4%	11	97.2%	36	100.0%	-25
Perry	85.4%	116	70.1%	116	-17.9%	0
Pike	99.2%	12	97.0%	38	-2.2%	-26
Powell	90.4%	109	93.1%	71	3.0%	38
Pulaski	97.4%	39	97.7%	28	0.3%	11

*Includes all schools who reported within a given county.

Robertson	100.0%	1	96.2%	47	-3.8%	-46
Rockcastle	82.8%	117	90.9%	87	9.8%	30
Rowan	90.5%	106	92.6%	73	2.3%	33
Russell	98.7%	20	97.0%	39	-1.7%	-19
Scott	97.4%	43	95.1%	61	-2.4%	-18
Shelby	93.1%	93	93.9%	68	0.9%	25
Simpson	97.2%	46	98.8%	14	1.6%	32
Spencer	97.1%	50	99.1%	8	2.1%	42
Taylor	95.4%	79	96.3%	44	0.9%	35
Todd	96.1%	73	96.0%	49	-0.1%	24
Trigg	98.6%	22	95.9%	51	-2.7%	-29
Trimble	100.0%	1	98.6%	19	100.0%	-18
Union	96.9%	52	88.1%	95	-9.0%	-43
Warren	91.7%	103	88.2%	94	-3.7%	9
Washington	99.4%	10	98.0%	24	-1.4%	-14
Wayne	100.0%	1	98.0%	25	-2.0%	-24
Webster	95.3%	81	95.0%	64	-0.3%	17
Whitley	90.0%	110	71.5%	115	-20.5%	-5
Wolfe	89.0%	112	91.3%	84	2.6%	28
Woodford	96.8%	57	95.0%	63	-1.8%	-6

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey--Kindergarten Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

2 MMR						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.1%	N/A	89.7%	N/A	-3.7%	N/A
Adair	94.7%	68	92.0%	63	-2.9%	5
Allen	99.5%	4	96.0%	27	-3.6%	-23
Anderson	96.3%	44	91.9%	64	-4.6%	-20
Ballard	100.0%	1	100.0%	1	0.0%	0
Barren	93.7%	77	88.0%	85	-6.2%	-8
Bath	94.4%	72	83.2%	101	-11.8%	-29
Bell	96.5%	40	96.5%	19	0.0%	21
Boone	96.4%	42	96.1%	24	-0.3%	18
Bourbon	95.6%	55	95.1%	35	-0.5%	20
Boyd	92.9%	86	89.3%	81	-3.9%	5
Boyle	96.3%	43	87.6%	87	-9.1%	-44
Bracken	94.3%	74	95.5%	31	1.3%	43
Breathitt	95.3%	58	83.6%	99	-12.3%	-41
Breckinridge	91.2%	97	96.7%	15	6.0%	82
Bullitt	98.2%	14	94.1%	46	-4.3%	-32
Butler	90.4%	103	93.7%	47	100.0%	56
Caldwell	91.8%	94	93.4%	49	1.8%	45
Calloway	95.5%	57	96.5%	18	1.1%	39
Campbell	97.6%	26	97.2%	12	-0.3%	14
Carlisle	88.5%	109	92.6%	58	4.6%	51

*Includes all schools who reported within a given county.

Carroll	95.8%	53	89.6%	79	-6.5%	-26
Carter	94.3%	73	92.5%	59	-1.9%	14
Casey	90.7%	101	86.5%	89	-4.6%	12
Christian	92.4%	90	88.0%	84	-4.8%	6
Clark	95.3%	59	94.2%	43	-1.2%	16
Clay	94.4%	71	78.6%	108	-16.7%	-37

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.1%	N/A	89.7%	N/A	-3.7%	N/A
Clinton	96.0%	52	68.3%	115	-28.8%	-63
Crittenden	96.1%	46	98.8%	5	2.8%	41
Cumberland	94.7%	67	88.6%	83	100.0%	-16
Daviess	91.0%	99	86.7%	88	-4.7%	11
Edmonson	98.1%	17	94.3%	40	-3.8%	-23
Elliott	96.3%	45	83.6%	100	100.0%	-55
Estill	90.2%	105	96.4%	20	6.9%	85
Fayette	96.7%	37	94.2%	44	-2.6%	-7
Fleming	97.8%	23	92.9%	55	-5.0%	-32
Floyd	95.8%	54	96.3%	22	0.6%	32
Franklin	95.1%	64	90.2%	77	-5.1%	-13
Fulton	97.2%	29	97.2%	13	0.0%	16
Gallatin	88.3%	110	91.1%	73	100.0%	37
Garrard	89.5%	107	84.2%	96	-5.9%	11

*Includes all schools who reported within a given county.

Grant	96.0%	49	94.3%	41	-1.8%	8
Graves	95.2%	62	90.9%	75	-4.6%	-13
Grayson	97.9%	19	95.9%	28	-2.0%	-9
Green	98.3%	13	94.7%	37	-3.7%	-24
Greenup	97.2%	28	84.3%	95	-13.3%	-67
Hancock	95.2%	61	95.7%	30	0.5%	31
Hardin	90.3%	104	87.6%	86	-3.0%	18
Harlan	72.9%	118	58.9%	118	-19.2%	0
Harrison	89.8%	106	96.2%	23	7.2%	83
Hart	96.0%	48	93.4%	49	-2.7%	-1
Henderson	94.7%	70	91.2%	72	-3.7%	-2
Henry	96.0%	50	97.9%	10	2.0%	40
Hickman	98.0%	18	100.0%	1	2.0%	17
Hopkins	94.7%	66	91.7%	67	-3.3%	-1
Jackson	98.5%	10	100.0%	1	1.5%	9
Jefferson	87.0%	113	78.9%	107	-9.3%	6
Jessamine	91.9%	93	91.4%	69	100.0%	24
Johnson	92.1%	92	89.9%	78	-2.4%	14

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.1%	N/A	89.7%	N/A	-3.7%	N/A
Kenton	97.4%	27	97.0%	14	-0.4%	13
Knott	89.4%	108	70.4%	114	-21.3%	-6

*Includes all schools who reported within a given county.

Knox	91.0%	98	56.3%	119	-38.1%	-21
LaRue	93.6%	78	74.3%	111	-20.7%	-33
Laurel	90.5%	102	92.4%	60	2.1%	42
Lawrence	96.8%	36	84.8%	92	-12.4%	-56
Lee	95.2%	63	91.9%	65	100.0%	-2
Leslie	93.0%	84	89.3%	80	-4.0%	4
Letcher	97.1%	31	91.2%	71	-6.1%	-40
Lewis	96.9%	34	92.7%	56	-4.3%	-22
Lincoln	92.8%	87	92.6%	57	-0.3%	30
Livingston	93.6%	80	84.1%	97	-10.1%	-17
Logan	93.2%	83	81.8%	103	-12.2%	-20
Lyon	100.0%	1	98.3%	6	-1.7%	-5
Madison	97.7%	25	90.7%	76	-7.1%	-51
Magoffin	92.9%	85	85.6%	91	-7.9%	-6
Marion	96.1%	47	79.5%	106	-17.2%	-59
Marshall	91.3%	96	91.9%	66	0.6%	30
Martin	91.6%	95	79.8%	105	-12.8%	-10
Mason	86.6%	115	75.2%	110	-13.1%	5
McCracken	87.6%	112	97.9%	9	11.8%	103
McCreary	92.4%	91	81.4%	104	-11.9%	-13

*Includes all schools who reported within a given county.

McLean	99.2%	7	100.0%	1	0.9%	6
Meade	98.5%	12	75.9%	109	-22.9%	-97
Menifee	98.6%	9	93.3%	51	-5.4%	-42
Mercer	97.0%	33	96.0%	25	-1.0%	8
Metcalfe	96.4%	41	84.0%	98	100.0%	-57
Monroe	94.8%	65	72.1%	113	-23.9%	-48
Montgomery	98.5%	11	94.2%	45	-4.4%	-34
Morgan	95.5%	56	91.6%	68	-4.2%	-12
Muhlenberg	93.6%	79	89.0%	82	-4.9%	-3

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.1%	N/A	89.7%	N/A	-3.7%	N/A
Nelson	95.3%	60	94.6%	38	-0.7%	22
Nicholas	97.9%	20	96.4%	21	0.0%	-1
Ohio	79.6%	117	65.6%	117	-17.6%	0
Oldham	96.6%	38	98.3%	7	1.7%	31
Owen	97.8%	22	95.1%	34	-2.7%	-12
Owsley	65.7%	119	0.0%	120	100.0%	-1
Pendleton	98.1%	16	94.5%	39	100.0%	-23
Perry	79.9%	116	67.0%	116	-16.2%	0
Pike	99.2%	6	96.0%	26	-3.2%	-20
Powell	65.2%	120	93.1%	54	42.7%	66
Pulaski	97.7%	24	96.6%	16	-1.1%	8

*Includes all schools who reported within a given county.

Robertson	100.0%	1	84.6%	93	-15.4%	-92
Rockcastle	92.5%	88	84.3%	94	-8.8%	-6
Rowan	88.0%	111	91.3%	70	3.8%	41
Russell	97.8%	21	96.6%	17	-1.3%	4
Scott	96.6%	38	92.4%	61	-4.4%	-23
Shelby	93.5%	81	93.5%	48	0.0%	33
Simpson	96.0%	51	95.8%	29	-0.1%	22
Spencer	97.1%	32	97.9%	11	0.8%	21
Taylor	93.3%	82	95.3%	32	2.2%	50
Todd	93.8%	76	92.1%	62	-1.8%	14
Trigg	97.2%	29	93.2%	53	-4.1%	-24
Trimble	98.9%	8	94.2%	42	100.0%	-34
Union	94.2%	75	83.1%	102	-11.8%	-27
Warren	92.5%	89	91.1%	74	-1.5%	15
Washington	99.4%	5	95.2%	33	-4.2%	-28
Wayne	98.2%	15	98.0%	8	-0.2%	7
Webster	94.7%	69	95.0%	36	0.3%	33
Whitley	90.9%	100	72.8%	112	-20.0%	-12
Wolfe	86.8%	114	85.9%	90	-1.1%	24
Woodford	96.8%	35	93.3%	52	-3.6%	-17

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey--Kindergarten Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

2 Varicella						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	92.6%	N/A	89.1%	N/A	-3.8%	N/A
Adair	94.2%	74	92.6%	51	-1.7%	23
Allen	99.5%	5	96.0%	23	-3.6%	-18
Anderson	96.3%	38	91.1%	70	-5.4%	-32
Ballard	100.0%	1	100.0%	1	0.0%	0
Barren	93.3%	82	88.3%	83	-5.3%	-1
Bath	94.4%	71	83.2%	100	-11.8%	-29
Bell	95.9%	47	96.5%	17	0.7%	30
Boone	96.0%	44	95.5%	29	-0.6%	15
Bourbon	95.6%	51	95.9%	24	0.4%	27
Boyd	92.5%	85	88.8%	79	-4.0%	6
Boyle	96.3%	36	88.4%	82	-8.3%	-46
Bracken	94.3%	73	94.4%	41	0.1%	32
Breathitt	95.3%	54	84.2%	95	-11.7%	-41
Breckinridge	91.2%	95	95.7%	27	5.0%	68
Bullitt	98.2%	11	94.5%	38	-3.8%	-27
Butler	90.4%	103	43.4%	119	100.0%	-16
Caldwell	91.8%	90	92.6%	50	0.9%	40
Calloway	95.5%	53	96.5%	16	1.1%	37
Campbell	97.6%	20	97.4%	10	-0.1%	10
Carlisle	88.5%	108	92.6%	51	4.6%	57

*Includes all schools who reported within a given county.

Carroll	95.8%	48	89.0%	78	-7.1%	-30
Carter	94.3%	72	91.9%	60	-2.6%	12
Casey	90.7%	99	86.5%	86	-4.6%	13
Christian	92.4%	86	87.4%	85	-5.4%	1
Clark	95.3%	55	93.6%	46	-1.8%	9
Clay	94.4%	70	77.9%	107	-17.5%	-37
Clinton	96.0%	45	67.5%	114	-29.7%	-69

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	92.6%	N/A	89.1%	N/A	-3.8%	N/A
Crittenden	96.1%	43	98.8%	5	2.8%	38
Cumberland	94.7%	66	88.6%	80	100.0%	-14
Daviess	90.4%	102	86.3%	87	-4.5%	15
Edmonson	98.1%	13	94.3%	42	-3.8%	-29
Elliott	96.3%	39	83.6%	98	100.0%	-59
Estill	90.2%	104	96.4%	18	6.9%	86
Fayette	95.9%	46	91.8%	62	-4.3%	-16
Fleming	97.2%	24	91.7%	64	-5.7%	-40
Floyd	96.2%	41	96.6%	15	0.4%	26
Franklin	94.8%	65	90.0%	76	-5.0%	-11
Fulton	97.2%	26	97.2%	12	0.0%	14
Gallatin	87.4%	111	92.1%	56	100.0%	55
Garrard	90.1%	105	84.7%	93	-5.9%	12

*Includes all schools who reported within a given county.

Grant	95.7%	50	93.7%	45	-2.1%	5
Graves	95.2%	57	90.6%	73	-4.8%	-16
Grayson	97.5%	21	96.9%	14	-0.6%	7
Green	96.7%	32	94.7%	34	-2.0%	-2
Greenup	96.8%	29	84.9%	91	-12.3%	-62
Hancock	95.8%	48	95.7%	26	-0.1%	22
Hardin	89.8%	106	87.7%	84	-2.3%	22
Harlan	71.7%	119	58.9%	117	-17.9%	2
Harrison	90.6%	101	96.2%	19	6.2%	82
Hart	95.0%	60	96.2%	19	1.3%	41
Henderson	94.9%	63	91.6%	66	-3.5%	-3
Henry	95.0%	61	97.4%	11	2.5%	50
Hickman	98.0%	14	100.0%	1	2.0%	13
Hopkins	94.0%	76	91.3%	69	-2.9%	7
Jackson	98.7%	9	100.0%	1	1.3%	8
Jefferson	85.6%	115	78.6%	105	-8.2%	10
Jessamine	91.6%	92	90.5%	74	100.0%	18
Johnson	91.4%	94	89.9%	77	-1.7%	17
Kenton	96.3%	37	96.2%	21	-0.1%	16
Knott	86.5%	114	69.8%	112	-19.3%	2

*Includes all schools who reported within a given county.

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	92.6%	N/A	89.1%	N/A	-3.8%	N/A
Knox	91.5%	93	55.6%	118	-39.3%	-25
LaRue	93.1%	83	74.3%	109	-20.2%	-26
Laurel	89.2%	107	92.4%	54	3.6%	53
Lawrence	95.2%	59	85.4%	90	-10.3%	-31
Lee	95.2%	58	91.9%	61	100.0%	-3
Leslie	93.9%	77	85.7%	89	-8.7%	-12
Letcher	96.7%	31	91.6%	65	-5.2%	-34
Lewis	96.2%	40	92.1%	57	-4.3%	-17
Lincoln	92.2%	88	91.7%	63	-0.5%	25
Livingston	88.5%	109	82.9%	101	-6.3%	8
Logan	93.7%	78	80.6%	103	-14.0%	-25
Lyon	100.0%	1	98.3%	6	-1.7%	-5
Madison	97.6%	19	90.7%	72	-7.0%	-53
Magoffin	93.6%	79	84.8%	92	-9.4%	-13
Marion	94.8%	64	78.3%	106	-17.4%	-42
Marshall	92.3%	87	91.0%	71	-1.4%	16
Martin	94.4%	69	79.8%	104	-15.4%	-35
Mason	84.8%	116	69.3%	113	-18.3%	3
McCracken	87.3%	112	97.1%	13	11.3%	99
McCreary	93.3%	80	81.4%	102	-12.8%	-22

*Includes all schools who reported within a given county.

McLean	99.2%	7	100.0%	1	0.9%	6
Meade	97.2%	24	75.6%	108	-22.2%	-84
Menifee	97.3%	23	93.3%	47	-4.0%	-24
Mercer	96.6%	35	95.6%	28	-1.0%	7
Metcalfe	97.6%	18	84.0%	96	100.0%	-78
Monroe	94.2%	75	72.1%	111	-23.4%	-36
Montgomery	98.5%	10	94.4%	39	-4.1%	-29
Morgan	94.9%	62	91.6%	67	-3.5%	-5
Muhlenberg	93.3%	80	88.5%	81	-5.2%	-1
Nelson	95.3%	56	94.6%	35	-0.7%	21
Nicholas	97.9%	15	95.2%	31	0.0%	-16
Ohio	76.1%	118	63.6%	116	-16.4%	2

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	92.6%	N/A	89.1%	N/A	-3.8%	N/A
Oldham	96.6%	34	97.9%	7	1.3%	27
Owen	97.8%	16	95.1%	32	-2.7%	-16
Owsley	68.6%	120	0.0%	120	100.0%	0
Pendleton	98.1%	12	94.5%	37	100.0%	-25
Perry	80.5%	117	66.8%	115	-17.1%	2
Pike	99.3%	6	95.8%	25	-3.5%	-19
Powell	90.9%	96	92.5%	53	1.8%	43
Pulaski	96.9%	28	96.1%	22	-0.8%	6

*Includes all schools who reported within a given county.

Robertson	100.0%	1	84.6%	94	-15.4%	-93
Rockcastle	90.9%	97	83.3%	99	-8.3%	-2
Rowan	88.0%	110	91.3%	68	3.8%	42
Russell	97.4%	22	94.4%	40	-3.1%	-18
Scott	96.1%	42	91.9%	59	-4.4%	-17
Shelby	91.6%	91	92.9%	49	1.4%	42
Simpson	95.6%	51	95.0%	33	-0.6%	18
Spencer	96.7%	32	97.9%	8	1.2%	24
Taylor	93.0%	84	95.3%	30	2.5%	54
Todd	92.2%	89	92.1%	58	-0.1%	31
Trigg	97.2%	26	93.2%	48	-4.1%	-22
Trimble	98.9%	8	94.2%	43	100.0%	-35
Union	94.6%	68	83.6%	97	-11.7%	-29
Warren	90.6%	100	90.1%	75	-0.5%	25
Washington	100.0%	1	94.6%	36	-5.4%	-35
Wayne	97.7%	17	97.5%	9	-0.2%	8
Webster	94.7%	67	93.8%	44	-1.0%	23
Whitley	90.8%	98	73.9%	110	-18.6%	-12
Wolfe	86.8%	113	85.9%	88	-1.1%	25
Woodford	96.8%	30	92.2%	55	-4.7%	-25

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey—Seventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

1 Tdap						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	90.1%	N/A	86.3%	N/A	-4.2%	N/A
Adair	96.8%	44	94.1%	49	-2.7%	-5
Allen	98.4%	20	89.5%	69	-9.1%	-49
Anderson	94.2%	68	92.3%	62	-2.1%	6
Ballard	100.0%	1	97.0%	27	-3.0%	-26
Barren	87.8%	96	57.2%	115	-34.8%	-19
Bath	75.5%	112	76.9%	105	1.9%	7
Bell	88.8%	94	86.1%	83	-3.0%	11
Boone	96.3%	53	95.1%	43	-1.3%	10
Bourbon	96.0%	58	97.5%	21	1.6%	37
Boyd	88.1%	95	65.3%	112	-25.9%	-17
Boyle	95.7%	61	86.6%	81	-9.5%	-20
Bracken	96.5%	51	93.5%	54	-3.1%	-3
Breathitt	93.5%	77	78.7%	102	-15.8%	-25
Breckinridge	94.2%	69	95.1%	44	0.9%	25
Bullitt	97.2%	37	96.4%	36	-0.9%	1
Butler	85.3%	102	85.6%	87	100.0%	15
Caldwell	95.1%	62	80.4%	95	-15.5%	-33
Calloway	93.5%	76	94.0%	51	0.5%	25
Campbell	97.8%	28	97.0%	25	-0.8%	3
Carlisle	83.9%	104	89.5%	69	6.6%	35

*Includes all schools who reported within a given county.

Carroll	86.4%	100	71.7%	110	-17.1%	-10
Carter	97.4%	32	96.8%	32	-0.6%	0
Casey	86.8%	99	92.4%	61	6.5%	38
Christian	91.3%	86	95.0%	45	4.0%	41
Clark	40.1%	119	74.6%	108	85.9%	11
Clay	93.7%	75	84.9%	88	-9.4%	-13

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	90.1%	N/A	86.3%	N/A	-4.2%	N/A
Clinton	94.7%	66	92.0%	64	-2.8%	2
Crittenden	96.9%	43	99.1%	4	2.3%	39
Cumberland	97.2%	38	83.3%	92	-14.3%	-54
Daviess	93.8%	74	87.7%	77	-6.5%	-3
Edmonson	100.0%	1	98.4%	11	-1.6%	-10
Elliott	100.0%	1	79.4%	99	-20.6%	-98
Estill	92.5%	81	98.4%	12	6.3%	69
Fayette	89.4%	91	82.9%	93	-7.2%	-2
Fleming	98.4%	21	93.9%	53	-4.6%	-32
Floyd	98.7%	15	77.5%	104	-21.5%	-89
Franklin	84.8%	103	79.6%	98	-6.2%	5
Fulton	96.9%	42	98.7%	6	1.8%	36
Gallatin	88.9%	93	86.2%	82	-3.0%	11
Garrard	91.3%	87	90.7%	68	-0.7%	19

*Includes all schools who reported within a given county.

Grant	71.5%	116	97.0%	27	35.6%	89
Graves	97.4%	34	96.4%	35	-1.0%	-1
Grayson	97.3%	35	98.1%	16	0.8%	19
Green	96.8%	45	95.5%	39	-1.4%	6
Greenup	89.0%	92	90.8%	67	1.9%	25
Hancock	98.5%	17	98.4%	10	-0.1%	7
Hardin	87.1%	97	91.2%	66	4.6%	31
Harlan	75.3%	113	52.2%	116	-30.6%	-3
Harrison	96.6%	50	97.1%	24	0.6%	26
Hart	97.4%	33	97.5%	22	0.1%	11
Henderson	93.2%	78	88.7%	72	-4.8%	6
Henry	98.7%	16	95.4%	41	-3.4%	-25
Hickman	98.5%	17	98.2%	14	-0.3%	3
Hopkins	98.1%	24	94.1%	50	-4.1%	-26
Jackson	94.1%	72	87.0%	80	-7.5%	-8
Jefferson	78.6%	107	80.3%	96	2.1%	11
Jessamine	94.5%	67	94.7%	46	0.2%	21
Johnson	95.0%	63	63.3%	113	-33.4%	-50
Kenton	97.4%	31	96.7%	33	-0.8%	-2

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	90.1%	N/A	86.3%	N/A	-4.2%	N/A
Knott	79.5%	106	48.5%	117	-39.1%	-11

*Includes all schools who reported within a given county.

Knox	85.6%	101	46.4%	118	-45.8%	-17
LaRue	100.0%	1	96.6%	34	-3.4%	-33
Laurel	90.8%	89	84.1%	90	-7.3%	-1
Lawrence	98.0%	27	96.2%	37	-1.9%	-10
Lee	95.8%	59	92.9%	57	-3.1%	2
Leslie	77.2%	110	63.1%	114	-18.3%	-4
Letcher	97.7%	30	100.0%	1	2.3%	29
Lewis	98.9%	14	87.7%	76	-11.3%	-62
Lincoln	96.3%	54	92.1%	63	-4.4%	-9
Livingston	82.5%	105	87.4%	79	5.9%	26
Logan	98.1%	26	79.9%	97	-18.5%	-71
Lyon	100.0%	1	98.7%	7	-1.3%	-6
Madison	96.1%	57	94.5%	48	-1.7%	9
Magoffin	96.3%	52	98.0%	17	1.7%	35
Marion	97.2%	40	85.7%	85	-11.8%	-45
Marshall	94.2%	70	92.5%	60	-1.8%	10
Martin	94.2%	71	100.0%	1	6.2%	70
Mason	96.6%	48	75.6%	107	-21.7%	-59
McCracken	91.9%	84	92.8%	58	1.0%	26
McCreary	94.8%	64	83.4%	91	-12.0%	-27

*Includes all schools who reported within a given county.

McLean	99.3%	11	97.2%	23	-2.1%	-12
Meade	99.5%	10	95.4%	40	-4.1%	-30
Menifee	97.8%	29	98.6%	9	0.9%	20
Mercer	97.3%	36	98.1%	15	0.9%	21
Metcalfe	100.0%	1	73.5%	109	-26.5%	-108
Monroe	93.0%	79	92.9%	56	-0.1%	23
Montgomery	98.5%	19	97.0%	26	-1.5%	-7
Morgan	96.7%	46	88.0%	75	-9.0%	-29
Muhlenberg	78.4%	108	85.9%	84	9.6%	24
Nelson	93.9%	73	92.7%	59	-1.2%	14
Nicholas	96.7%	47	93.9%	52	-2.8%	-5

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	90.1%	N/A	86.3%	N/A	-4.2%	N/A
Ohio	73.5%	115	79.0%	100	7.5%	15
Oldham	98.1%	25	98.0%	18	-0.1%	7
Owen	96.9%	41	98.0%	19	1.1%	22
Owsley	67.8%	117	0.0%	119	-100.0%	-2
Pendleton	100.0%	1	98.9%	5	-1.1%	-4
Perry	77.6%	109	79.0%	101	1.8%	8
Pike	99.2%	12	97.6%	20	-1.5%	-8
Powell	92.5%	82	87.6%	78	-5.2%	4
Pulaski	96.2%	56	96.9%	29	0.7%	27

*Includes all schools who reported within a given county.

Robertson	94.7%	65	100.0%	1	5.6%	64
Rockcastle	99.5%	9	88.1%	74	-11.5%	-65
Rowan	46.8%	118	76.4%	106	63.1%	12
Russell	99.1%	13	95.3%	42	-3.8%	-29
Scott	92.7%	80	89.3%	71	-3.6%	9
Shelby	96.2%	55	94.5%	47	-1.8%	8
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	98.1%	22	98.3%	13	0.2%	9
Taylor	91.0%	88	88.3%	73	-3.0%	15
Todd	75.5%	111	96.9%	31	28.4%	80
Trigg	86.9%	98	84.8%	89	-2.5%	9
Trimble	95.8%	59	82.1%	94	-14.3%	-35
Union	98.1%	23	93.3%	55	-4.9%	-32
Warren	90.4%	90	70.3%	111	-22.3%	-21
Washington	97.2%	39	98.6%	8	1.5%	31
Wayne	100.0%	1	95.7%	38	-4.3%	-37
Webster	92.2%	83	92.0%	65	-0.2%	18
Whitley	91.6%	85	85.7%	85	-6.4%	0
Wolfe	75.0%	114	78.2%	103	4.2%	11
Woodford	96.6%	49	96.9%	30	0.3%	19

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey—Seventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

1 MenACWY						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	89.6%	N/A	84.8%	N/A	-5.4%	N/A
Adair	97.3%	33	94.1%	47	-3.2%	-14
Allen	98.4%	19	88.2%	69	-10.4%	-50
Anderson	93.6%	73	92.7%	54	-1.0%	19
Ballard	98.4%	21	97.0%	24	-1.5%	-3
Barren	84.7%	100	57.4%	114	-32.2%	-14
Bath	75.5%	112	75.3%	102	-0.2%	10
Bell	79.0%	104	85.8%	82	8.7%	22
Boone	95.8%	55	95.1%	41	-0.7%	14
Bourbon	96.0%	52	97.1%	23	1.2%	29
Boyd	68.7%	116	65.3%	109	-5.0%	7
Boyle	94.7%	64	86.4%	77	-8.8%	-13
Bracken	96.5%	45	86.4%	77	-10.5%	-32
Breathitt	90.5%	89	78.7%	95	-13.0%	-6
Breckinridge	93.1%	78	96.3%	30	3.5%	48
Bullitt	97.5%	29	95.8%	36	-1.7%	-7
Butler	85.3%	99	85.6%	84	100.0%	15
Caldwell	95.7%	59	81.6%	92	-14.7%	-33
Calloway	93.2%	77	93.4%	51	0.2%	26
Campbell	97.5%	30	96.1%	33	-1.5%	-3
Carlisle	83.9%	101	91.2%	60	8.7%	41

*Includes all schools who reported within a given county.

Carroll	82.7%	102	71.1%	108	-14.0%	-6
Carter	97.7%	27	96.0%	34	-1.7%	-7
Casey	86.8%	98	91.8%	59	5.9%	39
Christian	91.7%	83	95.0%	42	3.6%	41
Clark	39.1%	119	73.4%	107	87.8%	12
Clay	92.3%	81	84.9%	87	-8.0%	-6
Clinton	93.9%	69	92.0%	58	-2.0%	11

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	89.6%	N/A	84.8%	N/A	-5.4%	N/A
Crittenden	96.9%	39	99.1%	4	2.3%	35
Cumberland	96.3%	47	76.9%	99	100.0%	-52
Daviess	93.4%	74	89.0%	65	-4.7%	9
Edmonson	100.0%	2	98.4%	11	-1.6%	-9
Elliott	100.0%	2	79.4%	93	100.0%	-91
Estill	96.3%	48	97.3%	19	1.1%	29
Fayette	88.9%	93	85.6%	85	-3.7%	8
Fleming	98.4%	20	94.5%	45	-4.0%	-25
Floyd	99.1%	10	78.0%	98	-21.3%	-88
Franklin	87.7%	95	73.8%	105	-15.8%	-10
Fulton	96.9%	38	98.7%	6	1.8%	32
Gallatin	89.8%	91	86.2%	80	100.0%	11
Garrard	90.3%	90	89.7%	63	-0.6%	27

*Includes all schools who reported within a given county.

Grant	72.6%	113	97.0%	24	33.6%	89
Graves	97.4%	32	95.7%	37	-1.7%	-5
Grayson	97.0%	36	98.1%	14	1.1%	22
Green	96.8%	41	94.7%	43	-2.1%	-2
Greenup	89.5%	92	90.3%	62	1.0%	30
Hancock	97.8%	26	98.4%	10	0.7%	16
Hardin	87.3%	97	85.2%	86	-2.4%	11
Harlan	71.0%	115	62.3%	112	-12.2%	3
Harrison	96.6%	44	96.3%	31	-0.3%	13
Hart	97.4%	31	96.9%	26	-0.5%	5
Henderson	94.1%	66	88.7%	67	-5.8%	-1
Henry	98.7%	16	95.4%	39	-3.4%	-23
Hickman	98.5%	18	98.2%	13	-0.3%	5
Hopkins	98.6%	17	94.1%	48	-4.6%	-31
Jackson	94.1%	67	87.0%	74	-7.5%	-7
Jefferson	80.1%	103	74.8%	104	-6.6%	-1
Jessamine	94.0%	68	94.7%	44	100.0%	24
Johnson	95.0%	61	39.0%	118	-59.0%	-57
Kenton	97.1%	35	96.7%	27	-0.4%	8

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	89.6%	N/A	84.8%	N/A	-5.4%	N/A
Knott	77.8%	106	44.9%	116	-42.3%	-10

*Includes all schools who reported within a given county.

Knox	76.8%	109	44.9%	117	-41.6%	-8
LaRue	100.0%	2	97.2%	21	-2.8%	-19
Laurel	90.5%	88	83.3%	90	-7.9%	-2
Lawrence	97.6%	28	95.3%	40	-2.3%	-12
Lee	95.8%	56	92.9%	53	100.0%	3
Leslie	77.2%	107	59.2%	113	-23.2%	-6
Letcher	97.0%	37	99.1%	3	2.2%	34
Lewis	98.9%	14	86.5%	76	-12.6%	-62
Lincoln	95.9%	54	92.5%	55	-3.6%	-1
Livingston	97.9%	25	87.4%	72	-10.8%	-47
Logan	96.1%	51	78.7%	96	-18.2%	-45
Lyon	100.0%	2	97.3%	16	-2.7%	-14
Madison	95.9%	53	94.4%	46	-1.6%	7
Magoffin	90.8%	87	75.0%	103	-17.4%	-16
Marion	96.8%	40	86.1%	81	-11.1%	-41
Marshall	93.9%	70	92.2%	57	-1.8%	13
Martin	94.2%	65	100.0%	1	6.2%	64
Mason	96.2%	49	76.1%	101	-21.0%	-52
McCracken	91.4%	84	84.7%	88	-7.4%	-4
McCreary	93.3%	75	84.0%	89	-10.0%	-14

*Includes all schools who reported within a given county.

McLean	99.3%	8	97.2%	20	-2.1%	-12
Meade	99.2%	9	95.9%	35	-3.3%	-26
Menifee	98.9%	15	98.6%	8	-0.3%	7
Mercer	96.1%	50	98.5%	9	2.5%	41
Metcalfe	100.8%	1	73.5%	106	100.0%	-105
Monroe	93.8%	71	93.5%	50	-0.3%	21
Montgomery	99.0%	12	96.7%	28	-2.3%	-16
Morgan	95.4%	60	88.0%	71	-7.8%	-11
Muhlenberg	78.1%	105	85.6%	83	9.7%	22
Nelson	92.6%	80	92.2%	56	-0.4%	24

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	89.6%	N/A	84.8%	N/A	-5.4%	N/A
Nicholas	93.3%	75	89.4%	64	0.0%	11
Ohio	72.5%	114	79.0%	94	8.9%	20
Oldham	98.1%	24	98.1%	15	0.0%	9
Owen	96.3%	46	97.3%	17	1.0%	29
Owsley	66.1%	117	0.0%	119	100.0%	-2
Pendleton	100.0%	2	98.9%	5	100.0%	-3
Perry	76.7%	111	76.9%	99	0.3%	12
Pike	98.9%	13	96.5%	29	-2.5%	-16
Powell	92.0%	82	87.1%	73	-5.3%	9
Pulaski	96.6%	42	97.3%	18	0.7%	24

*Includes all schools who reported within a given county.

Robertson	94.7%	63	100.0%	1	5.6%	62
Rockcastle	97.2%	34	86.7%	75	-10.8%	-41
Rowan	46.1%	118	49.1%	115	6.4%	3
Russell	99.1%	11	94.0%	49	-5.1%	-38
Scott	92.8%	79	88.9%	66	-4.2%	13
Shelby	95.7%	58	88.5%	68	-7.5%	-10
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	98.1%	22	98.3%	12	0.2%	10
Taylor	91.3%	85	86.3%	79	-5.5%	6
Todd	76.7%	110	96.1%	32	25.2%	78
Trigg	87.6%	96	88.1%	70	0.6%	26
Trimble	94.8%	62	82.1%	91	100.0%	-29
Union	98.1%	23	93.3%	52	-4.9%	-29
Warren	88.4%	94	78.6%	97	-11.1%	-3
Washington	95.8%	57	98.6%	7	3.0%	50
Wayne	100.0%	2	95.7%	38	-4.3%	-36
Webster	93.8%	72	90.9%	61	-3.1%	11
Whitley	91.1%	86	63.8%	110	-29.9%	-24
Wolfe	76.9%	108	63.8%	110	-16.9%	-2
Woodford	96.6%	43	97.2%	21	0.6%	22

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey—Seventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

3 HepB						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.3%	N/A	94.9%	N/A	-1.4%	N/A
Adair	98.6%	51	98.2%	59	-0.4%	-8
Allen	98.8%	48	97.8%	65	-1.0%	-17
Anderson	95.5%	99	97.8%	65	2.4%	34
Ballard	100.0%	2	99.0%	32	-1.0%	-30
Barren	97.7%	74	69.7%	117	-28.6%	-43
Bath	98.2%	61	96.7%	80	-1.5%	-19
Bell	95.9%	95	98.7%	46	2.9%	49
Boone	97.7%	72	97.8%	64	0.1%	8
Bourbon	97.4%	77	99.6%	13	2.2%	64
Boyd	96.2%	94	91.3%	104	-5.1%	-10
Boyle	97.7%	71	94.5%	98	-3.3%	-27
Bracken	100.0%	2	97.6%	68	-2.4%	-66
Breathitt	98.0%	65	99.3%	22	1.3%	43
Breckinridge	97.3%	79	99.6%	12	2.4%	67
Bullitt	98.6%	52	89.8%	108	-8.9%	-56
Butler	97.3%	80	98.8%	41	100.0%	39
Caldwell	97.0%	87	98.1%	62	1.2%	25
Calloway	94.3%	105	99.5%	16	5.5%	89
Campbell	98.7%	50	98.5%	52	-0.2%	-2
Carlisle	96.4%	91	100.0%	1	3.7%	90

*Includes all schools who reported within a given county.

Carroll	96.3%	93	99.4%	17	3.2%	76
Carter	99.1%	34	98.6%	48	-0.6%	-14
Casey	90.0%	113	96.7%	79	7.5%	34
Christian	93.8%	108	98.6%	49	5.1%	59
Clark	95.4%	100	96.4%	83	1.1%	17
Clay	95.2%	101	98.9%	36	3.8%	65
Clinton	98.5%	55	98.6%	50	0.1%	5

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.3%	N/A	94.9%	N/A	-1.4%	N/A
Crittenden	96.9%	88	100.0%	1	3.2%	87
Cumberland	100.0%	2	96.2%	86	100.0%	-84
Daviess	98.1%	63	82.9%	113	-15.5%	-50
Edmonson	100.0%	2	99.2%	26	-0.8%	-24
Elliott	100.0%	2	94.1%	99	100.0%	-97
Estill	98.4%	59	99.5%	15	1.1%	44
Fayette	97.8%	69	97.3%	73	-0.5%	-4
Fleming	98.9%	44	98.8%	40	-0.2%	4
Floyd	99.4%	29	82.2%	115	-17.3%	-86
Franklin	94.6%	103	60.0%	118	-36.6%	-15
Fulton	98.5%	56	100.0%	1	1.6%	55
Gallatin	99.1%	38	99.1%	29	100.0%	9
Garrard	99.5%	27	96.6%	81	-2.9%	-54

*Includes all schools who reported within a given county.

Grant	99.2%	32	100.0%	1	0.8%	31
Graves	98.9%	45	97.5%	70	-1.4%	-25
Grayson	99.7%	22	99.7%	11	0.0%	11
Green	100.0%	2	99.2%	23	-0.8%	-21
Greenup	97.4%	78	99.4%	19	2.1%	59
Hancock	97.8%	70	99.2%	24	1.5%	46
Hardin	88.9%	114	92.6%	100	4.1%	14
Harlan	94.4%	104	92.3%	101	-2.2%	3
Harrison	99.1%	33	99.2%	27	0.0%	6
Hart	97.9%	67	97.5%	71	-0.4%	-4
Henderson	95.6%	97	98.5%	53	3.0%	44
Henry	99.1%	35	96.8%	78	-2.4%	-43
Hickman	98.5%	54	98.2%	58	-0.3%	-4
Hopkins	99.7%	23	98.5%	51	-1.2%	-28
Jackson	96.7%	90	96.1%	87	-0.6%	3
Jefferson	94.7%	102	95.4%	92	0.7%	10
Jessamine	67.3%	118	96.2%	85	100.0%	33
Johnson	99.1%	41	82.4%	114	-16.8%	-73

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.3%	N/A	94.9%	N/A	-1.4%	N/A
Kenton	99.1%	37	98.4%	56	-0.7%	-19
Knott	98.9%	47	88.5%	110	-10.4%	-63

*Includes all schools who reported within a given county.

Knox	93.8%	107	91.6%	102	-2.4%	5
LaRue	100.0%	2	97.2%	74	-2.8%	-72
Laurel	95.8%	96	95.3%	95	-0.6%	1
Lawrence	99.5%	26	100.0%	1	0.5%	25
Lee	97.2%	84	100.0%	1	100.0%	83
Leslie	96.9%	89	98.5%	54	1.7%	35
Letcher	100.0%	2	100.0%	1	0.0%	1
Lewis	100.0%	2	95.5%	90	-4.5%	-88
Lincoln	98.1%	62	98.4%	55	0.3%	7
Livingston	93.8%	106	98.9%	38	5.4%	68
Logan	78.6%	116	95.4%	94	21.3%	22
Lyon	100.0%	2	98.7%	44	-1.3%	-42
Madison	98.4%	58	98.4%	57	-0.1%	1
Magoffin	96.3%	92	95.3%	96	-1.1%	-4
Marion	98.6%	53	97.4%	72	-1.2%	-19
Marshall	97.7%	73	96.1%	87	-1.6%	-14
Martin	100.0%	2	99.4%	18	-0.6%	-16
Mason	90.6%	112	89.3%	109	-1.4%	3
McCracken	97.1%	85	96.4%	84	-0.7%	1
McCreary	99.5%	25	99.5%	14	-0.1%	11

*Includes all schools who reported within a given county.

McLean	100.0%	2	98.1%	61	-1.9%	-59
Meade	99.5%	28	96.9%	76	-2.5%	-48
Menifee	98.9%	46	100.0%	1	1.1%	45
Mercer	98.1%	64	95.9%	89	-2.2%	-25
Metcalfe	105.8%	1	73.5%	116	100.0%	-115
Monroe	98.4%	57	98.1%	63	-0.4%	-6
Montgomery	97.3%	82	99.7%	10	2.5%	72
Morgan	99.3%	30	98.7%	44	-0.7%	-14

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.3%	N/A	94.9%	N/A	-1.4%	N/A
Muhlenberg	98.2%	60	91.2%	106	-7.2%	-46
Nelson	99.0%	43	99.0%	31	0.0%	12
Nicholas	95.6%	98	95.5%	91	0.0%	7
Ohio	99.7%	24	83.3%	112	-16.4%	-88
Oldham	97.2%	83	98.2%	60	0.9%	23
Owen	100.0%	2	98.6%	47	-1.4%	-45
Owsley	91.5%	111	0.0%	119	100.0%	-8
Pendleton	100.0%	2	98.9%	35	100.0%	-33
Perry	79.9%	115	91.5%	103	14.6%	12
Pike	99.9%	21	99.1%	28	-0.7%	-7
Powell	99.1%	40	97.2%	74	-1.9%	-34
Pulaski	98.7%	49	98.9%	34	0.2%	15

*Includes all schools who reported within a given county.

Robertson	100.0%	2	100.0%	1	0.0%	1
Rockcastle	99.1%	36	99.1%	29	0.0%	7
Rowan	91.5%	110	91.3%	105	-0.3%	5
Russell	100.0%	2	98.7%	43	-1.3%	-41
Scott	92.0%	109	90.1%	107	-2.1%	2
Shelby	97.8%	68	97.6%	69	-0.2%	-1
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	100.0%	2	98.8%	41	-1.3%	-39
Taylor	97.4%	76	99.3%	20	1.9%	56
Todd	77.4%	117	99.2%	24	28.3%	93
Trigg	100.0%	2	88.1%	111	-11.9%	-109
Trimble	97.9%	66	98.9%	33	100.0%	33
Union	99.1%	42	98.8%	39	-0.3%	3
Warren	97.3%	81	94.9%	97	-2.4%	-16
Washington	99.3%	31	99.3%	21	0.0%	10
Wayne	100.0%	2	96.8%	77	-3.2%	-75
Webster	66.7%	119	98.9%	37	48.3%	82
Whitley	97.1%	86	95.4%	93	-1.8%	-7
Wolfe	99.1%	38	96.6%	82	-2.5%	-44

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.3%	N/A	94.9%	N/A	-1.4%	N/A
Woodford	97.5%	75	97.8%	67	0.3%	8

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey--Seventh Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

2 MMR						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.2%	N/A	96.0%	N/A	-1.3%	N/A
Adair	98.6%	42	96.4%	86	-2.3%	-44
Allen	99.2%	23	97.4%	71	-1.9%	-48
Anderson	95.5%	104	98.5%	41	3.1%	63
Ballard	98.4%	54	99.0%	24	0.6%	30
Barren	96.8%	87	69.0%	118	-28.7%	-31
Bath	98.2%	58	96.7%	82	-1.5%	-24
Bell	95.6%	102	98.9%	25	3.5%	77
Boone	97.9%	63	97.6%	66	-0.3%	-3
Bourbon	98.5%	47	97.5%	69	-1.0%	-22
Boyd	97.5%	71	92.0%	112	-5.7%	-41
Boyle	97.2%	76	93.8%	107	-3.5%	-31
Bracken	100.0%	2	97.6%	68	-2.4%	-66
Breathitt	98.0%	61	97.8%	64	-0.2%	-3
Breckinridge	97.7%	69	98.4%	44	0.7%	25
Bullitt	96.9%	85	97.0%	77	0.1%	8
Butler	96.7%	90	98.1%	55	100.0%	35
Caldwell	97.0%	82	96.2%	88	-0.8%	-6
Calloway	96.3%	93	98.9%	27	2.7%	66
Campbell	98.7%	41	98.4%	43	-0.2%	-2
Carlisle	96.4%	92	98.2%	47	1.9%	45

*Includes all schools who reported within a given county.

Carroll	98.8%	37	99.4%	11	0.7%	26
Carter	98.6%	45	98.9%	30	0.3%	15
Casey	90.0%	115	95.1%	100	5.7%	15
Christian	93.7%	113	98.2%	50	4.9%	63
Clark	94.8%	109	96.0%	93	1.2%	16
Clay	95.6%	101	98.9%	29	3.4%	72
Clinton	98.5%	49	97.8%	63	-0.7%	-14

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.2%	N/A	96.0%	N/A	-1.3%	N/A
Crittenden	96.9%	84	99.1%	20	2.3%	64
Cumberland	100.0%	2	96.2%	89	100.0%	-87
Daviess	98.6%	44	97.8%	65	-0.8%	-21
Edmonson	100.0%	2	99.2%	17	-0.8%	-15
Elliott	100.0%	2	97.1%	75	100.0%	-73
Estill	98.9%	33	99.5%	10	0.5%	23
Fayette	97.2%	78	97.0%	76	-0.2%	2
Fleming	98.9%	32	98.8%	32	-0.2%	0
Floyd	98.7%	38	83.0%	115	-16.0%	-77
Franklin	95.7%	99	93.8%	108	-2.0%	-9
Fulton	98.5%	50	100.0%	1	1.6%	49
Gallatin	99.1%	28	99.1%	21	100.0%	7
Garrard	98.5%	50	96.6%	84	-1.9%	-34

*Includes all schools who reported within a given county.

Grant	97.1%	81	100.0%	1	3.0%	80
Graves	98.9%	34	96.8%	80	-2.1%	-46
Grayson	99.1%	27	99.0%	23	-0.1%	4
Green	99.2%	25	98.5%	38	-0.7%	-13
Greenup	96.9%	83	98.7%	34	1.9%	49
Hancock	97.8%	65	100.0%	1	2.3%	64
Hardin	96.0%	96	95.7%	94	-0.3%	2
Harlan	94.7%	111	93.2%	109	-1.6%	2
Harrison	98.7%	39	98.3%	45	-0.4%	-6
Hart	96.3%	94	98.8%	33	2.5%	61
Henderson	95.8%	98	98.2%	52	2.5%	46
Henry	99.1%	26	97.2%	72	-1.9%	-46
Hickman	98.5%	48	98.2%	47	-0.3%	1
Hopkins	99.5%	15	98.0%	58	-1.5%	-43
Jackson	95.4%	105	96.1%	90	0.7%	15
Jefferson	96.8%	89	94.9%	101	-1.9%	-12
Jessamine	95.2%	107	97.9%	62	100.0%	45
Johnson	99.1%	29	82.7%	116	-16.5%	-87

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.2%	N/A	96.0%	N/A	-1.3%	N/A
Kenton	98.8%	36	98.2%	51	-0.6%	-15
Knott	97.7%	67	89.0%	114	-8.9%	-47

*Includes all schools who reported within a given county.

Knox	95.3%	106	93.9%	106	-1.4%	0
LaRue	100.0%	2	96.1%	91	-3.9%	-89
Laurel	96.2%	95	94.0%	105	-2.4%	-10
Lawrence	99.5%	16	100.0%	1	0.5%	15
Lee	97.2%	77	100.0%	1	100.0%	76
Leslie	98.4%	53	99.2%	16	0.8%	37
Letcher	97.7%	66	99.1%	19	1.4%	47
Lewis	100.0%	2	94.8%	102	-5.2%	-100
Lincoln	98.1%	59	98.8%	31	0.7%	28
Livingston	94.8%	108	95.4%	98	0.6%	10
Logan	99.2%	23	95.6%	95	-3.6%	-72
Lyon	100.0%	2	98.7%	36	-1.3%	-34
Madison	98.4%	55	97.6%	67	-0.8%	-12
Magoffin	95.7%	100	96.6%	83	1.0%	17
Marion	98.2%	56	96.2%	87	-2.0%	-31
Marshall	96.8%	88	96.9%	79	0.1%	9
Martin	98.5%	46	99.4%	13	0.8%	33
Mason	94.4%	112	92.7%	110	-1.7%	2
McCracken	97.1%	80	95.4%	97	-1.8%	-17
McCreary	99.0%	30	98.9%	25	-0.1%	5

*Includes all schools who reported within a given county.

McLean	100.0%	2	98.1%	53	-1.9%	-51
Meade	99.5%	17	96.9%	78	-2.5%	-61
Menifee	98.9%	35	100.0%	1	1.1%	34
Mercer	99.6%	12	98.1%	54	-1.5%	-42
Metcalfe	105.8%	1	73.5%	117	100.0%	-116
Monroe	98.4%	52	98.1%	56	-0.4%	-4
Montgomery	97.3%	75	99.7%	9	2.5%	66
Morgan	99.3%	20	98.7%	36	-0.7%	-16

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.2%	N/A	96.0%	N/A	-1.3%	N/A
Muhlenberg	95.9%	97	98.2%	49	2.4%	48
Nelson	97.9%	62	97.9%	60	0.0%	2
Nicholas	95.6%	103	98.5%	39	0.0%	64
Ohio	94.8%	110	95.4%	99	0.6%	11
Oldham	98.2%	57	98.1%	57	-0.1%	0
Owen	97.5%	70	100.0%	1	2.5%	69
Owsley	91.5%	114	0.0%	119	100.0%	-5
Pendleton	99.5%	19	98.9%	28	100.0%	-9
Perry	81.3%	118	92.1%	111	13.2%	7
Pike	99.5%	18	98.7%	35	-0.8%	-17
Powell	97.2%	79	95.5%	96	-1.7%	-17
Pulaski	97.3%	74	98.5%	40	1.2%	34

*Includes all schools who reported within a given county.

Robertson	100.0%	2	100.0%	1	0.0%	1
Rockcastle	98.6%	43	99.1%	21	0.5%	22
Rowan	89.8%	116	89.5%	113	-0.4%	3
Russell	99.6%	13	99.1%	18	-0.4%	-5
Scott	96.8%	86	97.5%	70	0.6%	16
Shelby	97.8%	64	97.2%	74	-0.6%	-10
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	99.2%	22	98.3%	46	-0.9%	-24
Taylor	98.1%	60	99.3%	14	1.3%	46
Todd	75.5%	119	98.4%	42	30.4%	77
Trigg	98.7%	40	98.0%	59	-0.7%	-19
Trimble	99.0%	31	97.9%	61	100.0%	-30
Union	99.5%	14	99.4%	12	-0.1%	2
Warren	97.7%	68	96.4%	85	-1.3%	-17
Washington	99.3%	21	99.3%	15	0.0%	6
Wayne	100.0%	2	96.8%	81	-3.2%	-79
Webster	97.4%	73	96.0%	92	-1.4%	-19
Whitley	96.6%	91	94.6%	103	-2.0%	-12
Wolfe	88.0%	117	94.3%	104	7.2%	13

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.2%	N/A	96.0%	N/A	-1.3%	N/A
Woodford	97.5%	72	97.2%	73	-0.3%	-1

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey--Seventh Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

2 Varicella						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.0%	N/A	95.5%	N/A	-0.5%	N/A
Adair	95.9%	84	97.3%	57	1.5%	27
Allen	98.8%	22	97.4%	55	-1.5%	-33
Anderson	94.6%	99	97.7%	47	3.3%	52
Ballard	96.8%	66	99.0%	14	2.2%	52
Barren	97.5%	53	68.9%	118	-29.3%	-65
Bath	97.5%	51	96.7%	76	-0.9%	-25
Bell	94.4%	100	87.7%	114	-7.1%	-14
Boone	96.7%	69	96.8%	74	0.0%	-5
Bourbon	98.5%	28	100.0%	1	1.5%	27
Boyd	93.3%	105	93.0%	107	-0.3%	-2
Boyle	96.2%	77	93.1%	106	-3.3%	-29
Bracken	100.0%	2	97.6%	50	-2.4%	-48
Breathitt	97.5%	52	95.6%	88	-1.9%	-36
Breckinridge	96.1%	79	97.1%	65	1.0%	14
Bullitt	97.9%	43	97.2%	59	-0.6%	-16
Butler	95.7%	89	96.3%	82	100.0%	7
Caldwell	96.3%	75	96.8%	71	0.5%	4
Calloway	96.1%	82	98.9%	16	2.9%	66
Campbell	98.0%	39	97.5%	53	-0.5%	-14
Carlisle	96.4%	73	100.0%	1	3.7%	72
*Includes all schools who reported within a given county.						
Carroll	95.7%	88	97.7%	46	2.1%	42
Carter	96.8%	65	97.4%	54	0.6%	11
Casey	88.6%	117	95.1%	98	7.4%	19
Christian	92.9%	108	97.1%	64	4.6%	44
Clark	92.7%	109	95.2%	94	2.7%	15
Clay	93.7%	103	97.0%	68	3.5%	35
Clinton	97.0%	59	97.1%	66	0.1%	-7

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.0%	N/A	95.5%	N/A	-0.5%	N/A
Crittenden	96.1%	81	97.3%	58	1.2%	23
Cumberland	99.1%	15	94.9%	99	100.0%	-84
Daviess	97.6%	48	97.3%	56	-0.3%	-8
Edmonson	99.2%	12	98.4%	26	-0.8%	-14
Elliott	95.7%	89	97.1%	67	100.0%	22
Estill	98.4%	33	99.5%	9	1.1%	24
Fayette	95.8%	86	95.8%	85	0.0%	1
Fleming	96.8%	63	98.8%	19	2.0%	44
Floyd	97.6%	49	82.0%	116	-16.0%	-67
Franklin	94.0%	102	93.8%	105	-0.2%	-3
Fulton	96.9%	61	100.0%	1	3.2%	60
Gallatin	99.1%	14	99.1%	12	100.0%	2
Garrard	96.4%	74	96.6%	78	0.2%	-4

*Includes all schools who reported within a given county.

Grant	98.9%	19	100.0%	1	1.1%	18
Graves	98.0%	38	98.0%	38	-0.1%	0
Grayson	99.1%	13	99.0%	13	-0.1%	0
Green	98.4%	32	96.2%	83	-2.2%	-51
Greenup	95.8%	85	98.1%	36	2.4%	49
Hancock	97.0%	57	99.2%	10	2.3%	47
Hardin	94.8%	96	95.2%	95	0.4%	1
Harlan	90.7%	114	92.5%	109	2.1%	5
Harrison	98.7%	23	97.5%	51	-1.2%	-28
Hart	97.9%	42	97.5%	52	-0.4%	-10
Henderson	96.9%	62	98.2%	33	1.3%	29
Henry	98.3%	35	96.8%	75	-1.5%	-40
Hickman	98.5%	29	98.2%	32	-0.3%	-3
Hopkins	99.4%	10	97.9%	40	-1.5%	-30
Jackson	95.4%	94	95.5%	91	0.0%	3
Jefferson	94.7%	98	95.1%	96	0.4%	2
Jessamine	93.5%	104	96.8%	72	100.0%	32
Johnson	98.4%	31	82.7%	115	-15.9%	-84

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.0%	N/A	95.5%	N/A	-0.5%	N/A
Kenton	98.0%	40	97.7%	45	-0.3%	-5
Knott	94.3%	101	88.1%	113	-6.6%	-12

*Includes all schools who reported within a given county.

Knox	91.2%	112	91.4%	110	0.3%	2
LaRue	100.0%	2	97.2%	60	-2.8%	-58
Laurel	94.8%	97	94.2%	102	-0.6%	-5
Lawrence	98.5%	27	99.5%	8	1.0%	19
Lee	97.2%	56	96.4%	80	100.0%	-24
Leslie	92.9%	107	98.5%	25	6.0%	82
Letcher	97.0%	58	97.8%	41	0.9%	17
Lewis	97.8%	45	94.8%	100	-3.0%	-55
Lincoln	97.4%	54	96.4%	80	-1.0%	-26
Livingston	88.7%	116	95.4%	92	7.6%	24
Logan	99.6%	7	94.3%	101	-5.3%	-94
Lyon	98.5%	30	98.7%	20	0.2%	10
Madison	97.6%	50	98.0%	38	0.4%	12
Magoffin	93.3%	106	96.6%	77	3.6%	29
Marion	96.1%	80	95.1%	97	-1.0%	-17
Marshall	96.2%	76	97.1%	62	0.9%	14
Martin	97.8%	44	98.1%	35	0.3%	9
Mason	91.0%	113	92.7%	108	1.9%	5
McCracken	95.6%	91	94.0%	104	-1.8%	-13
McCreary	99.0%	17	98.4%	27	-0.7%	-10

*Includes all schools who reported within a given county.

McLean	100.0%	2	98.1%	34	-1.9%	-32
Meade	98.4%	34	96.9%	70	-1.4%	-36
Menifee	98.9%	21	100.0%	1	1.1%	20
Mercer	98.1%	37	98.9%	17	0.8%	20
Metcalfe	105.0%	1	73.5%	117	100.0%	-116
Monroe	97.7%	47	98.1%	37	0.4%	10
Montgomery	97.8%	46	99.7%	7	2.0%	39
Morgan	96.7%	70	98.7%	20	2.0%	50

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.0%	N/A	95.5%	N/A	-0.5%	N/A
Muhlenberg	96.5%	71	97.7%	48	1.2%	23
Nelson	96.8%	68	98.5%	24	1.8%	44
Nicholas	95.6%	92	97.0%	69	0.0%	23
Ohio	92.5%	110	95.7%	86	3.5%	24
Oldham	95.7%	87	97.8%	42	2.2%	45
Owen	96.9%	60	98.6%	22	1.8%	38
Owsley	91.5%	111	0.0%	119	100.0%	-8
Pendleton	98.9%	20	97.8%	43	100.0%	-23
Perry	80.8%	118	91.3%	111	13.0%	7
Pike	99.6%	8	98.4%	28	-1.2%	-20
Powell	98.6%	26	97.2%	60	-1.4%	-34
Pulaski	96.2%	78	97.7%	44	1.6%	34

*Includes all schools who reported within a given county.

Robertson	100.0%	2	100.0%	1	0.0%	1
Rockcastle	97.2%	55	96.8%	73	-0.5%	-18
Rowan	89.4%	115	90.2%	112	0.8%	3
Russell	99.6%	9	98.3%	31	-1.3%	-22
Scott	96.8%	64	97.6%	49	0.8%	15
Shelby	96.1%	83	95.5%	90	-0.6%	-7
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	98.1%	36	98.3%	29	0.2%	7
Taylor	96.8%	67	98.3%	30	1.6%	37
Todd	74.2%	119	99.2%	10	33.7%	109
Trigg	99.3%	11	96.0%	84	-3.3%	-73
Trimble	99.0%	18	98.9%	15	100.0%	3
Union	99.1%	16	98.8%	18	-0.3%	-2
Warren	96.5%	72	95.6%	87	-0.8%	-15
Washington	98.6%	25	98.6%	23	0.0%	2
Wayne	98.7%	23	96.4%	79	-2.3%	-56
Webster	97.9%	41	97.1%	62	-0.8%	-21
Whitley	95.0%	95	94.2%	103	-0.8%	-8
Wolfe	100.0%	2	95.4%	92	-4.6%	-90

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	96.0%	N/A	95.5%	N/A	-0.5%	N/A
Woodford	95.5%	93	95.5%	89	0.0%	4

*Includes all schools who reported within a given county.

2020-2021 Annual School Immunization Survey—Eleventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

1 Tdap						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.0%	N/A	0.3%	N/A
Adair	100.0%	1	98.3%	37	-1.7%	-36
Allen	98.7%	42	99.0%	19	0.3%	23
Anderson	94.6%	95	95.9%	71	1.4%	24
Ballard	100.0%	1	100.0%	1	0.0%	0
Barren	96.0%	81	96.4%	68	0.4%	13
Bath	98.4%	47	94.1%	84	-4.3%	-37
Bell	77.0%	117	92.0%	98	19.4%	19
Boone	96.5%	76	97.3%	54	0.8%	22
Bourbon	100.0%	1	97.7%	49	-2.3%	-48
Boyd	96.9%	69	89.6%	104	-7.6%	-35
Boyle	96.3%	79	98.5%	28	2.3%	51
Bracken	98.2%	49	95.7%	76	-2.6%	-27
Breathitt	95.3%	88	92.3%	97	-3.1%	-9
Breckinridge	97.7%	59	94.4%	81	-3.4%	-22
Bullitt	97.7%	60	95.8%	74	-1.9%	-14
Butler	94.2%	98	92.3%	96	100.0%	2
Caldwell	97.8%	56	98.3%	34	0.6%	22
Calloway	97.1%	66	97.4%	52	0.3%	14
Campbell	97.8%	56	97.7%	48	0.0%	8
Carlisle	98.0%	52	97.9%	44	-0.2%	8

*Includes all schools who reported within a given county.

Carroll	96.3%	77	94.7%	79	-1.6%	-2
Carter	98.6%	44	97.1%	61	-1.5%	-17
Casey	97.8%	58	91.5%	100	-6.4%	-42
Christian	94.5%	97	97.3%	55	2.9%	42
Clark	93.8%	100	74.5%	115	-20.6%	-15
Clay	80.3%	116	87.0%	109	8.4%	7
Clinton	96.6%	75	94.3%	82	-2.4%	-7

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.0%	N/A	0.3%	N/A
Crittenden	100.0%	1	100.0%	1	0.0%	0
Cumberland	94.0%	99	92.6%	94	-1.5%	5
Daviess	97.9%	55	97.1%	58	-0.8%	-3
Edmonson	100.0%	1	88.5%	107	-11.5%	-106
Elliott	100.0%	1	98.2%	39	-1.8%	-38
Estill	92.8%	104	97.0%	63	4.6%	41
Fayette	91.8%	107	98.1%	40	6.9%	67
Fleming	100.0%	1	99.4%	12	-0.6%	-11
Floyd	95.6%	83	98.5%	27	3.0%	56
Franklin	95.6%	84	93.4%	91	-2.3%	-7
Fulton	100.0%	1	100.0%	1	0.0%	0
Gallatin	92.2%	106	96.7%	65	4.9%	41
Garrard	99.5%	24	94.2%	83	-5.3%	-59

*Includes all schools who reported within a given county.

Grant	96.6%	74	90.8%	102	-6.0%	-28
Graves	98.8%	40	98.5%	29	-0.3%	11
Grayson	99.7%	22	99.7%	9	0.0%	13
Green	98.2%	51	97.6%	50	-0.6%	1
Greenup	90.8%	109	90.1%	103	-0.8%	6
Hancock	97.2%	64	93.5%	90	-3.8%	-26
Hardin	93.5%	103	96.4%	69	3.1%	34
Harlan	86.9%	113	82.0%	113	-5.6%	0
Harrison	97.5%	61	96.8%	64	-0.7%	-3
Hart	100.0%	1	98.8%	22	-1.2%	-21
Henderson	99.1%	32	98.4%	31	-0.7%	1
Henry	99.2%	29	99.1%	18	-0.1%	11
Hickman	100.0%	1	98.0%	42	-2.0%	-41
Hopkins	97.9%	54	98.8%	24	0.9%	30
Jackson	98.3%	48	87.5%	108	-11.0%	-60
Jefferson	87.1%	112	92.6%	95	6.3%	17
Jessamine	94.9%	92	93.3%	92	-1.7%	0
Johnson	95.0%	90	64.9%	116	-31.7%	-26

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.0%	N/A	0.3%	N/A
Kenton	98.9%	37	98.9%	21	0.0%	16
Knott	95.6%	84	91.7%	99	-4.1%	-15

*Includes all schools who reported within a given county.

Knox	88.2%	111	82.5%	112	-6.4%	-1
LaRue	99.4%	26	97.1%	60	-2.3%	-34
Laurel	82.3%	115	46.9%	117	-43.0%	-2
Lawrence	98.6%	43	99.4%	14	0.8%	29
Lee	100.0%	1	96.5%	67	-3.5%	-66
Leslie	98.4%	46	98.2%	38	-0.2%	8
Letcher	99.2%	31	98.5%	30	-0.7%	1
Lewis	100.0%	1	99.4%	13	-0.6%	-12
Lincoln	94.8%	94	95.9%	72	1.1%	22
Livingston	95.8%	82	94.1%	84	-1.8%	-2
Logan	97.3%	62	98.9%	20	1.7%	42
Lyon	100.0%	1	98.4%	32	-1.6%	-31
Madison	98.7%	41	97.8%	47	-0.9%	-6
Magoffin	92.7%	105	99.3%	15	7.2%	90
Marion	99.0%	36	97.8%	45	-1.3%	-9
Marshall	95.2%	89	98.0%	43	3.0%	46
Martin	94.5%	96	94.7%	80	0.1%	16
Mason	89.7%	110	89.3%	106	-0.5%	4
McCracken	97.0%	67	86.6%	110	-10.8%	-43
McCreary	100.0%	1	99.5%	10	-0.5%	-9

*Includes all schools who reported within a given county.

McLean	95.5%	86	97.4%	51	2.0%	35
Meade	99.7%	21	98.3%	36	-1.4%	-15
Menifee	98.8%	38	100.0%	1	1.2%	37
Mercer	99.1%	35	98.6%	26	-0.5%	9
Metcalfe	100.0%	1	95.8%	73	-4.2%	-72
Monroe	96.8%	70	99.3%	16	2.5%	54
Montgomery	99.4%	25	98.8%	23	-0.6%	2
Morgan	100.0%	1	96.2%	70	-3.8%	-69

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.0%	N/A	0.3%	N/A
Muhlenberg	1.1%	119	4.2%	118	290.5%	1
Nelson	94.9%	93	89.4%	105	-5.8%	-12
Nicholas	97.1%	65	98.3%	35	1.2%	30
Ohio	98.0%	53	91.0%	101	-7.1%	-48
Oldham	98.2%	50	98.1%	41	-0.2%	9
Owen	99.1%	34	100.0%	1	0.9%	33
Owsley	83.6%	114	0.0%	119	-100.0%	-5
Pendleton	98.8%	39	98.8%	25	0.0%	14
Perry	95.5%	87	94.0%	87	-1.6%	0
Pike	99.8%	20	75.9%	114	-24.0%	-94
Powell	91.1%	108	95.3%	78	4.7%	30
Pulaski	98.5%	45	98.4%	33	-0.1%	12

*Includes all schools who reported within a given county.

Robertson	100.0%	1	100.0%	1	0.0%	0
Rockcastle	97.2%	63	97.2%	57	-0.1%	6
Rowan	94.9%	91	94.1%	86	-0.9%	5
Russell	99.5%	23	99.5%	11	0.0%	12
Scott	93.5%	102	95.4%	77	2.0%	25
Shelby	93.8%	101	93.6%	89	-0.3%	12
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	99.2%	30	99.1%	17	0.0%	13
Taylor	96.8%	71	96.7%	65	-0.1%	6
Todd	96.2%	80	95.8%	75	-0.5%	5
Trigg	96.7%	72	97.3%	56	0.6%	16
Trimble	100.0%	1	97.4%	53	-2.6%	-52
Union	99.3%	28	100.0%	1	0.7%	27
Warren	96.7%	73	93.8%	88	-2.9%	-15
Washington	99.3%	27	100.0%	1	0.7%	26
Wayne	100.0%	1	97.1%	59	-2.9%	-58
Webster	97.0%	68	97.1%	62	0.1%	6
Whitley	96.3%	78	85.8%	111	-10.9%	-33
Wolfe	61.7%	118	93.0%	93	50.8%	25

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.0%	N/A	0.3%	N/A
Woodford	99.1%	33	97.8%	46	-1.4%	-13

2020-2021 Annual School Immunization Survey—Eleventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

2 MCV						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	64.3%	N/A	53.8%	N/A	-16.3%	N/A
Adair	100.0%	1	66.9%	40	-33.1%	-39
Allen	53.8%	92	25.6%	105	-52.3%	-13
Anderson	77.5%	48	29.1%	99	-62.5%	-51
Ballard	97.9%	5	89.5%	8	-8.5%	-3
Barren	70.0%	64	58.3%	49	-16.8%	15
Bath	58.1%	85	43.8%	71	-24.6%	14
Bell	65.4%	72	54.2%	57	-17.1%	15
Boone	84.2%	38	71.4%	27	-15.1%	11
Bourbon	89.4%	26	68.1%	38	-23.9%	-12
Boyd	81.6%	41	27.1%	103	-66.8%	-62
Boyle	69.1%	67	58.0%	50	-16.0%	17
Bracken	57.5%	87	83.6%	12	45.4%	75
Breathitt	48.2%	99	81.1%	15	68.3%	84
Breckinridge	31.8%	111	56.2%	54	76.8%	57
Bullitt	89.4%	27	69.8%	33	-21.9%	-6
Butler	40.1%	106	43.7%	72	100.0%	34
Caldwell	31.1%	112	16.0%	110	-48.7%	2
Calloway	95.6%	11	81.9%	13	-14.3%	-2
Campbell	77.6%	47	39.2%	82	-49.5%	-35
Carlisle	94.1%	14	63.8%	45	-32.2%	-31

*Includes all schools who reported within a given county.

Carroll	40.4%	104	43.6%	73	7.8%	31
Carter	85.4%	36	31.8%	92	-62.7%	-56
Casey	81.5%	42	41.2%	77	-49.4%	-35
Christian	73.1%	60	72.5%	26	-0.8%	34
Clark	77.1%	52	20.3%	107	-73.7%	-55
Clay	45.2%	100	12.6%	113	-72.2%	-13
Clinton	49.2%	96	34.0%	89	-30.9%	7

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	64.3%	N/A	53.8%	N/A	-16.3%	N/A
Crittenden	96.8%	8	90.9%	5	-6.1%	3
Cumberland	98.5%	4	94.1%	4	-4.5%	0
Daviess	62.9%	77	48.5%	66	-23.0%	11
Edmonson	86.2%	33	48.6%	65	-43.6%	-32
Elliott	77.3%	49	27.3%	102	-64.7%	-53
Estill	73.2%	59	63.9%	44	-12.7%	15
Fayette	56.9%	89	50.1%	62	-12.0%	27
Fleming	91.1%	21	76.1%	21	-16.4%	0
Floyd	86.6%	32	44.6%	69	-48.5%	-37
Franklin	58.7%	83	81.7%	14	39.2%	69
Fulton	94.4%	13	43.9%	70	-53.5%	-57
Gallatin	22.6%	116	11.7%	114	-48.4%	2
Garrard	44.8%	101	32.3%	90	-28.0%	11

*Includes all schools who reported within a given county.

Grant	58.0%	86	59.5%	47	2.6%	39
Graves	56.7%	90	36.0%	86	-36.5%	4
Grayson	67.1%	69	69.7%	34	3.9%	35
Green	68.2%	68	53.2%	59	-22.0%	9
Greenup	63.3%	75	54.1%	58	-14.5%	17
Hancock	73.6%	58	66.2%	41	-10.1%	17
Hardin	35.1%	109	30.9%	95	-12.0%	14
Harlan	30.0%	113	3.9%	118	-87.0%	-5
Harrison	59.8%	82	63.8%	46	6.7%	36
Hart	79.2%	45	35.5%	87	-55.2%	-42
Henderson	75.5%	54	70.4%	31	-6.8%	23
Henry	83.0%	39	78.1%	20	-5.9%	19
Hickman	100.0%	1	96.1%	3	-3.9%	-2
Hopkins	91.1%	22	56.1%	55	-38.4%	-33
Jackson	75.2%	57	41.4%	76	-44.9%	-19
Jefferson	40.9%	103	47.6%	67	16.2%	36
Jessamine	65.1%	73	68.6%	36	5.4%	37
Johnson	51.9%	94	32.0%	91	-38.4%	3

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	64.3%	N/A	53.8%	N/A	-16.3%	N/A
Kenton	89.7%	25	78.3%	19	-12.7%	6
Knott	23.3%	115	8.9%	116	-61.6%	-1

*Includes all schools who reported within a given county.

Knox	23.4%	114	7.6%	117	-67.6%	-3
LaRue	65.7%	71	36.4%	85	-44.5%	-14
Laurel	39.3%	107	31.2%	93	-20.5%	14
Lawrence	78.2%	46	30.9%	96	-60.5%	-50
Lee	61.1%	81	40.4%	80	-34.0%	1
Leslie	51.6%	95	25.7%	104	-50.2%	-9
Letcher	75.4%	56	67.6%	39	-10.4%	17
Lewis	79.7%	44	56.6%	53	-28.9%	-9
Lincoln	48.4%	97	17.4%	109	-64.0%	-12
Livingston	40.3%	105	14.7%	111	-63.5%	-6
Logan	33.4%	110	58.3%	48	74.3%	62
Lyon	85.7%	34	45.3%	68	-47.1%	-34
Madison	77.2%	50	57.8%	51	-25.1%	-1
Magoffin	52.0%	93	41.9%	75	-19.4%	18
Marion	90.9%	23	71.1%	28	-21.8%	-5
Marshall	71.5%	62	38.1%	84	-46.8%	-22
Martin	44.5%	102	18.3%	108	-58.9%	-6
Mason	38.5%	108	41.1%	78	6.8%	30
McCracken	96.6%	9	28.2%	101	-70.8%	-92
McCreary	90.8%	24	49.1%	64	-45.9%	-40

*Includes all schools who reported within a given county.

McLean	93.7%	15	88.9%	10	-5.1%	5
Meade	91.5%	20	64.1%	42	-30.0%	-22
Menifee	91.7%	19	89.6%	7	-2.3%	12
Mercer	87.3%	31	72.5%	25	-17.0%	6
Metcalfe	69.6%	65	30.3%	97	-56.6%	-32
Monroe	62.4%	79	39.0%	83	-37.5%	-4
Montgomery	88.6%	29	75.7%	23	-14.6%	6
Morgan	62.6%	78	39.8%	81	-36.3%	-3

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	64.3%	N/A	53.8%	N/A	-16.3%	N/A
Muhlenberg	18.4%	118	28.7%	100	55.9%	18
Nelson	81.2%	43	69.1%	35	-14.9%	8
Nicholas	62.3%	80	98.3%	1	57.7%	79
Ohio	48.4%	98	89.9%	6	85.7%	92
Oldham	96.0%	10	89.4%	9	-6.9%	1
Owen	69.3%	66	40.8%	79	-41.1%	-13
Owsley	14.8%	119	0.0%	119	-100.0%	0
Pendleton	97.5%	7	78.9%	17	-19.1%	-10
Perry	58.5%	84	24.5%	106	-58.2%	-22
Pike	92.1%	16	70.5%	30	-23.5%	-14
Powell	91.7%	18	14.5%	112	-84.2%	-94
Pulaski	92.1%	17	74.2%	24	-19.4%	-7

*Includes all schools who reported within a given county.

Robertson	85.7%	34	55.0%	56	-35.8%	-22
Rockcastle	20.7%	117	29.4%	98	42.2%	19
Rowan	94.5%	12	31.2%	94	-67.0%	-82
Russell	98.6%	3	85.9%	11	-12.9%	-8
Scott	64.6%	74	57.0%	52	-11.8%	22
Shelby	63.0%	76	52.1%	60	-17.3%	16
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	75.5%	55	51.7%	61	-31.5%	-6
Taylor	76.2%	53	43.3%	74	-43.1%	-21
Todd	66.2%	70	97.2%	2	46.9%	68
Trigg	85.0%	37	70.1%	32	-17.5%	5
Trimble	77.1%	51	68.4%	37	-11.3%	14
Union	89.2%	28	70.5%	29	-20.9%	-1
Warren	70.5%	63	64.0%	43	-9.1%	20
Washington	82.8%	40	80.1%	16	-3.2%	24
Wayne	97.9%	6	76.1%	22	-22.2%	-16
Webster	71.7%	61	34.6%	88	-51.8%	-27
Whitley	57.2%	88	78.4%	18	37.1%	70
Wolfe	55.3%	91	11.6%	115	-79.0%	-24

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	64.3%	N/A	53.8%	N/A	-16.3%	N/A
Woodford	88.0%	30	49.8%	63	-43.4%	-33

2020-2021 Annual School Immunization Survey—Eleventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

3 HepB						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	95.8%	N/A	94.7%	N/A	-1.1%	N/A
Adair	100.0%	1	98.9%	37	-1.1%	-36
Allen	98.2%	64	100.0%	1	1.8%	63
Anderson	96.0%	92	99.2%	29	3.3%	63
Ballard	100.0%	1	100.0%	1	0.0%	0
Barren	97.1%	82	97.0%	77	-0.1%	5
Bath	100.0%	1	99.3%	27	-0.7%	-26
Bell	98.8%	55	96.5%	85	-2.4%	-30
Boone	95.8%	96	96.9%	78	1.2%	18
Bourbon	98.6%	60	99.6%	21	1.0%	39
Boyd	97.3%	78	92.0%	104	-5.5%	-26
Boyle	99.7%	25	98.8%	39	-0.9%	-14
Bracken	99.1%	45	97.4%	73	-1.7%	-28
Breathitt	97.9%	67	97.6%	69	-0.3%	-2
Breckinridge	95.7%	97	96.6%	82	0.9%	15
Bullitt	99.5%	34	92.5%	101	-7.0%	-67
Butler	97.7%	71	94.5%	94	100.0%	-23
Caldwell	99.3%	42	100.0%	1	0.7%	41
Calloway	97.7%	71	98.4%	52	0.7%	19
Campbell	97.5%	76	98.1%	62	0.7%	14
Carlisle	98.0%	65	97.9%	67	-0.2%	-2

*Includes all schools who reported within a given county.

Carroll	97.1%	85	94.0%	97	-3.2%	-12
Carter	99.3%	40	98.4%	53	-0.9%	-13
Casey	98.9%	52	98.2%	60	-0.7%	-8
Christian	97.0%	86	97.9%	66	0.9%	20
Clark	99.7%	24	78.5%	115	-21.3%	-91
Clay	89.2%	113	17.2%	118	-80.8%	-5
Clinton	97.5%	77	99.1%	33	1.6%	44

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	95.8%	N/A	94.7%	N/A	-1.1%	N/A
Crittenden	100.0%	1	100.0%	1	0.0%	0
Cumberland	98.5%	61	92.6%	100	-5.9%	-39
Daviess	98.9%	54	97.5%	71	-1.4%	-17
Edmonson	100.0%	1	100.0%	1	0.0%	0
Elliott	100.0%	1	98.2%	60	-1.8%	-59
Estill	95.4%	100	96.4%	86	1.1%	14
Fayette	96.0%	93	100.0%	19	4.1%	74
Fleming	100.0%	1	99.4%	24	-0.6%	-23
Floyd	95.3%	101	96.8%	79	1.5%	22
Franklin	98.3%	62	96.5%	84	-1.8%	-22
Fulton	100.0%	1	100.0%	1	0.0%	0
Gallatin	98.3%	63	98.3%	54	0.1%	9
Garrard	99.5%	32	96.1%	87	-3.4%	-55

*Includes all schools who reported within a given county.

Grant	97.5%	74	91.7%	105	-6.0%	-31
Graves	99.5%	33	98.3%	57	-1.3%	-24
Grayson	99.7%	27	99.7%	20	0.0%	7
Green	100.0%	1	100.0%	1	0.0%	0
Greenup	95.8%	95	94.2%	95	-1.7%	0
Hancock	97.2%	80	85.6%	113	-11.9%	-33
Hardin	66.1%	119	95.9%	89	45.0%	30
Harlan	93.3%	108	90.1%	107	-3.4%	1
Harrison	99.0%	47	99.1%	32	0.1%	15
Hart	99.3%	39	98.8%	38	-0.5%	1
Henderson	98.9%	50	97.5%	72	-1.5%	-22
Henry	98.8%	57	100.0%	1	1.2%	56
Hickman	100.0%	1	98.0%	63	-2.0%	-62
Hopkins	99.0%	49	99.0%	34	0.0%	15
Jackson	98.9%	53	88.2%	110	-10.8%	-57
Jefferson	94.9%	104	94.1%	96	-0.8%	8
Jessamine	79.8%	118	84.8%	114	6.2%	4
Johnson	99.4%	37	93.0%	98	-6.4%	-61

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	95.8%	N/A	94.7%	N/A	-1.1%	N/A
Kenton	99.0%	48	99.0%	35	0.0%	13
Knott	80.5%	117	99.4%	25	23.5%	92

*Includes all schools who reported within a given county.

Knox	95.1%	103	97.4%	75	2.4%	28
LaRue	100.0%	1	97.1%	76	-2.9%	-75
Laurel	91.5%	110	98.9%	36	8.1%	74
Lawrence	98.6%	59	99.4%	26	0.8%	33
Lee	100.0%	1	98.2%	58	-1.8%	-57
Leslie	97.7%	73	98.2%	59	0.6%	14
Letcher	99.2%	44	100.0%	1	0.8%	43
Lewis	100.0%	1	100.0%	1	0.0%	0
Lincoln	96.0%	91	99.2%	30	3.3%	61
Livingston	97.2%	79	100.0%	1	2.9%	78
Logan	88.3%	114	59.2%	116	-33.0%	-2
Lyon	100.0%	1	98.4%	50	-1.6%	-49
Madison	99.2%	43	98.5%	47	-0.7%	-4
Magoffin	92.7%	109	98.6%	44	6.5%	65
Marion	99.5%	30	100.0%	1	0.5%	29
Marshall	98.8%	56	98.6%	45	-0.2%	11
Martin	95.3%	102	94.7%	93	-0.7%	9
Mason	94.4%	107	96.0%	88	1.7%	19
McCracken	98.0%	66	36.0%	117	-63.3%	-51
McCreary	100.0%	1	99.5%	22	-0.5%	-21

*Includes all schools who reported within a given county.

McLean	96.4%	88	98.3%	56	2.0%	32
Meade	100.0%	1	98.8%	41	-1.2%	-40
Menifee	100.0%	1	100.0%	1	0.0%	0
Mercer	99.5%	29	95.0%	91	-4.5%	-62
Metcalfe	89.3%	112	95.8%	90	7.3%	22
Monroe	100.0%	1	100.0%	1	0.0%	0
Montgomery	99.7%	26	98.8%	40	-0.9%	-14
Morgan	99.3%	41	98.5%	48	-0.8%	-7

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	95.8%	N/A	94.7%	N/A	-1.1%	N/A
Muhlenberg	98.9%	51	92.4%	102	-6.5%	-51
Nelson	96.8%	87	90.6%	106	-6.4%	-19
Nicholas	97.1%	83	98.3%	55	1.2%	28
Ohio	85.6%	115	97.8%	68	14.2%	47
Oldham	99.1%	46	98.4%	49	-0.7%	-3
Owen	100.0%	1	100.0%	1	0.0%	0
Owsley	82.0%	116	0.0%	119	-100.0%	-3
Pendleton	99.4%	36	98.8%	43	-0.6%	-7
Perry	96.4%	89	96.7%	81	0.3%	8
Pike	97.1%	84	94.9%	92	-2.2%	-8
Powell	96.2%	90	87.8%	111	-8.7%	-21
Pulaski	99.4%	38	98.8%	42	-0.6%	-4

*Includes all schools who reported within a given county.

Robertson	97.1%	81	100.0%	1	2.9%	80
Rockcastle	97.8%	69	99.5%	23	1.8%	46
Rowan	94.5%	106	92.4%	103	-2.2%	3
Russell	99.5%	31	100.0%	1	0.5%	30
Scott	95.8%	94	89.0%	108	-7.1%	-14
Shelby	95.7%	98	96.6%	83	0.9%	15
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	99.6%	28	99.1%	31	-0.5%	-3
Taylor	97.5%	75	98.5%	46	1.0%	29
Todd	97.7%	70	97.9%	65	0.1%	5
Trigg	98.7%	58	99.3%	28	0.6%	30
Trimble	100.0%	1	97.4%	74	-2.6%	-73
Union	100.0%	1	97.9%	64	-2.1%	-63
Warren	95.6%	99	96.7%	80	1.2%	19
Washington	100.0%	1	100.0%	1	0.0%	0
Wayne	100.0%	1	97.5%	70	-2.5%	-69
Webster	94.6%	105	89.0%	109	-5.9%	-4
Whitley	90.3%	111	85.8%	112	-5.0%	-1
Wolfe	97.9%	68	93.0%	99	-5.0%	-31

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	95.8%	N/A	94.7%	N/A	-1.1%	N/A
Woodford	99.4%	35	98.4%	51	-1.0%	-16

2020-2021 Annual School Immunization Survey—Eleventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

2 MMR						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.6%	N/A	97.0%	N/A	-0.7%	N/A
Adair	100.0%	1	97.1%	75	-2.9%	-74
Allen	99.1%	43	99.5%	20	0.4%	23
Anderson	96.0%	100	95.9%	94	-0.1%	6
Ballard	100.0%	1	100.0%	1	0.0%	0
Barren	98.0%	69	96.2%	91	-1.8%	-22
Bath	100.0%	1	99.3%	24	-0.7%	-23
Bell	99.4%	34	96.8%	84	-2.6%	-50
Boone	92.7%	112	96.7%	86	4.3%	26
Bourbon	99.5%	27	99.6%	16	0.1%	11
Boyd	97.3%	81	91.1%	114	-6.3%	-33
Boyle	100.0%	1	98.8%	38	-1.2%	-37
Bracken	100.0%	1	97.4%	71	-2.6%	-70
Breathitt	96.9%	87	97.0%	78	0.2%	9
Breckinridge	96.1%	97	95.9%	95	-0.3%	2
Bullitt	98.7%	53	95.2%	98	-3.5%	-45
Butler	98.3%	62	94.5%	104	100.0%	-42
Caldwell	99.3%	39	99.2%	28	-0.1%	11
Calloway	96.5%	91	98.4%	50	1.9%	41
Campbell	98.0%	70	97.7%	63	-0.3%	7
Carlisle	98.0%	68	100.0%	1	2.0%	67

*Includes all schools who reported within a given county.

Carroll	97.8%	72	93.2%	106	-4.7%	-34
Carter	99.3%	38	96.1%	92	-3.2%	-54
Casey	98.3%	61	97.6%	67	-0.8%	-6
Christian	96.9%	88	97.6%	65	0.8%	23
Clark	83.8%	118	92.7%	108	10.6%	10
Clay	89.6%	116	92.5%	110	3.2%	6
Clinton	97.5%	79	99.1%	32	1.6%	47

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.6%	N/A	97.0%	N/A	-0.7%	N/A
Crittenden	100.0%	1	100.0%	1	0.0%	0
Cumberland	97.0%	86	91.2%	113	-6.0%	-27
Daviess	98.9%	48	97.8%	61	-1.0%	-13
Edmonson	100.0%	1	100.0%	1	0.0%	0
Elliott	100.0%	1	96.4%	90	-3.6%	-89
Estill	95.4%	105	96.4%	88	1.1%	17
Fayette	96.8%	90	99.8%	14	3.0%	76
Fleming	100.0%	1	99.4%	21	-0.6%	-20
Floyd	95.6%	104	98.5%	45	3.0%	59
Franklin	97.7%	75	96.5%	87	-1.2%	-12
Fulton	100.0%	1	100.0%	1	0.0%	0
Gallatin	97.4%	80	98.3%	51	1.0%	29
Garrard	99.5%	31	97.4%	70	-2.1%	-39

*Includes all schools who reported within a given county.

Grant	98.2%	65	92.3%	111	-5.9%	-46
Graves	99.5%	32	98.5%	46	-1.0%	-14
Grayson	99.7%	26	99.7%	15	0.0%	11
Green	100.0%	1	99.2%	26	-0.8%	-25
Greenup	95.0%	108	92.5%	109	-2.6%	-1
Hancock	98.1%	67	89.9%	117	-8.3%	-50
Hardin	95.3%	107	97.0%	80	1.8%	27
Harlan	92.0%	114	90.5%	116	-1.7%	-2
Harrison	98.5%	55	99.1%	31	0.6%	24
Hart	98.7%	52	99.4%	22	0.8%	30
Henderson	99.4%	35	98.1%	58	-1.3%	-23
Henry	99.2%	41	100.0%	1	0.8%	40
Hickman	100.0%	1	98.0%	59	-2.0%	-58
Hopkins	99.0%	46	99.0%	35	0.0%	11
Jackson	99.1%	45	88.2%	118	-11.0%	-73
Jefferson	98.6%	54	94.8%	101	-3.9%	-47
Jessamine	95.4%	106	95.9%	93	0.5%	13
Johnson	98.8%	51	93.0%	107	-5.8%	-56

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.6%	N/A	97.0%	N/A	-0.7%	N/A
Kenton	98.9%	49	99.0%	36	0.1%	13
Knott	96.9%	88	99.4%	23	2.6%	65

*Includes all schools who reported within a given county.

Knox	95.7%	103	97.0%	79	1.4%	24
LaRue	100.0%	1	97.1%	76	-2.9%	-75
Laurel	94.7%	110	98.9%	37	4.5%	73
Lawrence	99.3%	37	98.8%	39	-0.5%	-2
Lee	100.0%	1	98.2%	54	-1.8%	-53
Leslie	97.7%	77	98.2%	55	0.6%	22
Letcher	98.3%	60	98.5%	46	0.2%	14
Lewis	100.0%	1	100.0%	1	0.0%	0
Lincoln	96.0%	98	99.2%	27	3.3%	71
Livingston	97.2%	82	98.5%	46	1.3%	36
Logan	97.6%	78	98.7%	40	1.1%	38
Lyon	100.0%	1	98.4%	49	-1.6%	-48
Madison	99.2%	40	97.9%	60	-1.3%	-20
Magoffin	92.7%	113	100.0%	1	7.9%	112
Marion	99.5%	29	99.6%	17	0.1%	12
Marshall	98.5%	57	98.3%	53	-0.2%	4
Martin	90.6%	115	94.7%	103	4.5%	12
Mason	94.4%	111	96.4%	89	2.2%	22
McCracken	98.4%	58	95.0%	99	-3.4%	-41
McCreary	100.0%	1	99.5%	19	-0.5%	-18

*Includes all schools who reported within a given county.

McLean	96.4%	94	97.4%	69	1.1%	25
Meade	100.0%	1	99.0%	34	-1.0%	-33
Menifee	100.0%	1	100.0%	1	0.0%	0
Mercer	99.1%	44	98.6%	41	-0.5%	3
Metcalfe	89.3%	117	95.8%	96	7.3%	21
Monroe	100.0%	1	100.0%	1	0.0%	0
Montgomery	99.7%	25	99.1%	30	-0.6%	-5
Morgan	97.8%	71	97.0%	81	-0.9%	-10

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.6%	N/A	97.0%	N/A	-0.7%	N/A
Muhlenberg	96.0%	99	97.0%	82	1.0%	17
Nelson	96.5%	92	90.8%	115	-5.9%	-23
Nicholas	97.1%	85	98.3%	52	1.2%	33
Ohio	94.8%	109	98.1%	57	3.5%	52
Oldham	98.5%	56	98.6%	42	0.1%	14
Owen	96.5%	92	99.3%	25	3.0%	67
Owsley	82.0%	119	0.0%	119	-100.0%	0
Pendleton	98.8%	50	98.1%	56	-0.6%	-6
Perry	98.2%	64	97.6%	65	-0.6%	-1
Pike	99.5%	28	97.7%	64	-1.9%	-36
Powell	96.2%	96	97.1%	77	1.0%	19
Pulaski	99.2%	42	99.1%	29	0.0%	13

*Includes all schools who reported within a given county.

Robertson	97.1%	84	100.0%	1	2.9%	83
Rockcastle	97.8%	73	98.6%	44	0.8%	29
Rowan	95.8%	102	93.7%	105	-2.2%	-3
Russell	99.5%	30	100.0%	1	0.5%	29
Scott	97.7%	76	96.8%	83	-0.9%	-7
Shelby	95.9%	101	96.8%	85	0.9%	16
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	98.3%	59	99.6%	18	1.2%	41
Taylor	97.2%	83	97.4%	72	0.3%	11
Todd	97.7%	74	97.2%	74	-0.6%	0
Trigg	99.3%	36	98.6%	42	-0.7%	-6
Trimble	100.0%	1	94.7%	102	-5.3%	-101
Union	100.0%	1	97.3%	73	-2.7%	-72
Warren	98.1%	66	97.8%	62	-0.4%	4
Washington	100.0%	1	100.0%	1	0.0%	0
Wayne	100.0%	1	97.5%	68	-2.5%	-67
Webster	98.2%	63	94.9%	100	-3.4%	-37
Whitley	96.3%	95	95.2%	97	-1.2%	-2
Wolfe	98.9%	47	91.9%	112	-7.2%	-65

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	97.6%	N/A	97.0%	N/A	-0.7%	N/A
Woodford	99.4%	33	99.0%	33	-0.4%	0

2020-2021 Annual School Immunization Survey—Eleventh Grade Results

Change in Percentage of Coverage Rate and County Rankings, Comparison of Survey Results from 2019-2020 and 2020-2021

2 Varicella						
County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.5%	N/A	0.8%	N/A
Adair	100.0%	1	92.6%	90	-7.4%	-89
Allen	97.8%	21	97.4%	23	-0.3%	-2
Anderson	94.9%	62	93.9%	73	-1.1%	-11
Ballard	97.9%	20	100.0%	1	2.2%	19
Barren	95.8%	49	94.5%	68	-1.3%	-19
Bath	97.6%	26	95.4%	54	-2.2%	-28
Bell	89.9%	105	93.6%	76	4.2%	29
Boone	94.7%	65	95.4%	56	0.7%	9
Bourbon	97.2%	27	96.9%	32	-0.4%	-5
Boyd	93.5%	79	89.4%	108	-4.4%	-29
Boyle	96.3%	41	95.5%	51	-0.8%	-10
Bracken	93.8%	73	95.7%	49	2.0%	24
Breathitt	94.8%	64	92.3%	96	-2.6%	-32
Breckinridge	93.8%	74	93.3%	83	-0.6%	-9
Bullitt	96.0%	46	95.1%	60	-0.9%	-14
Butler	93.6%	78	98.4%	14	100.0%	64
Caldwell	94.8%	63	91.6%	98	-3.4%	-35
Calloway	95.6%	53	96.5%	39	0.8%	14
Campbell	95.2%	58	96.2%	43	1.0%	15
Carlisle	98.0%	18	97.9%	19	-0.2%	-1

*Includes all schools who reported within a given county.

Carroll	94.1%	69	92.5%	93	-1.7%	-24
Carter	95.7%	52	92.9%	89	-3.0%	-37
Casey	92.1%	93	95.2%	58	3.3%	35
Christian	93.9%	71	93.4%	80	-0.5%	-9
Clark	89.5%	106	85.1%	114	-4.8%	-8
Clay	81.1%	117	87.9%	111	8.4%	6
Clinton	93.2%	81	94.3%	69	1.2%	12

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.5%	N/A	0.8%	N/A
Crittenden	100.0%	1	100.0%	1	0.0%	0
Cumberland	98.5%	13	89.7%	106	-8.9%	-93
Daviess	96.0%	45	95.4%	55	-0.6%	-10
Edmonson	100.0%	1	98.6%	10	-1.4%	-9
Elliott	98.9%	9	96.4%	41	-2.5%	-32
Estill	92.8%	83	95.9%	45	3.3%	38
Fayette	92.7%	86	97.3%	25	5.0%	61
Fleming	95.3%	57	97.2%	27	2.0%	30
Floyd	92.7%	85	96.8%	34	4.4%	51
Franklin	93.5%	80	91.6%	99	-2.1%	-19
Fulton	98.6%	11	100.0%	1	1.4%	10
Gallatin	93.9%	70	93.3%	81	-0.6%	-11
Garrard	96.6%	36	92.9%	88	-3.8%	-52

*Includes all schools who reported within a given county.

Grant	95.1%	60	89.9%	105	-5.5%	-45
Graves	97.0%	31	97.8%	20	0.7%	11
Grayson	95.0%	61	98.7%	9	3.9%	52
Green	93.6%	76	98.4%	13	5.1%	63
Greenup	86.8%	112	87.3%	112	0.6%	0
Hancock	94.3%	68	89.2%	110	-5.4%	-42
Hardin	92.3%	91	94.8%	64	2.8%	27
Harlan	85.0%	114	82.7%	117	-2.7%	-3
Harrison	93.6%	77	94.6%	67	1.0%	10
Hart	98.7%	10	96.4%	40	-2.2%	-30
Henderson	98.9%	8	95.1%	59	-3.9%	-51
Henry	96.0%	47	98.1%	17	2.3%	30
Hickman	97.8%	21	94.1%	71	-3.7%	-50
Hopkins	96.5%	37	98.2%	16	1.8%	21
Jackson	97.7%	23	84.9%	115	-13.2%	-92
Jefferson	92.6%	88	93.5%	77	1.0%	11
Jessamine	92.6%	87	92.5%	91	-0.1%	-4
Johnson	91.9%	94	89.2%	109	-2.9%	-15

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.5%	N/A	0.8%	N/A
Kenton	96.6%	35	97.6%	21	1.1%	14
Knott	90.6%	99	90.5%	102	-0.1%	-3

*Includes all schools who reported within a given county.

Knox	85.3%	113	82.8%	116	-2.8%	-3
LaRue	97.6%	25	96.5%	38	-1.1%	-13
Laurel	81.7%	116	93.4%	79	14.3%	37
Lawrence	96.6%	34	95.8%	47	-0.9%	-13
Lee	97.2%	28	93.0%	86	-4.4%	-58
Leslie	93.0%	82	93.8%	74	0.9%	8
Letcher	98.3%	15	98.8%	8	0.5%	7
Lewis	99.2%	7	97.1%	28	-2.2%	-21
Lincoln	90.5%	100	95.0%	62	5.0%	38
Livingston	97.2%	28	95.6%	50	-1.7%	-22
Logan	94.6%	66	94.6%	65	0.0%	1
Lyon	100.0%	1	98.4%	12	-1.6%	-11
Madison	96.8%	32	96.3%	42	-0.6%	-10
Magoffin	89.3%	107	94.6%	66	5.9%	41
Marion	97.6%	24	97.1%	29	-0.6%	-5
Marshall	95.8%	50	96.6%	36	0.9%	14
Martin	92.2%	92	92.4%	95	0.2%	-3
Mason	83.6%	115	90.2%	104	7.9%	11
McCracken	95.4%	55	93.1%	85	-2.4%	-30
McCreary	98.4%	14	98.6%	11	0.3%	3

*Includes all schools who reported within a given county.

McLean	92.8%	84	95.7%	48	3.2%	36
Meade	98.1%	16	96.8%	33	-1.3%	-17
Menifee	100.0%	1	100.0%	1	0.0%	0
Mercer	95.5%	54	95.0%	61	-0.5%	-7
Metcalfe	87.5%	110	94.1%	71	7.6%	39
Monroe	95.2%	59	99.3%	7	4.3%	52
Montgomery	95.7%	51	95.5%	52	-0.2%	-1
Morgan	96.4%	40	93.2%	84	-3.3%	-44

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.5%	N/A	0.8%	N/A
Muhlenberg	91.7%	95	95.5%	53	4.1%	42
Nelson	93.7%	75	89.4%	107	-4.6%	-32
Nicholas	88.4%	108	96.6%	35	9.3%	73
Ohio	87.6%	109	90.3%	103	3.0%	6
Oldham	97.1%	30	97.3%	26	0.2%	4
Owen	93.9%	72	97.4%	24	3.7%	48
Owsley	78.7%	118	0.0%	119	-100.0%	-1
Pendleton	90.1%	102	98.1%	18	8.9%	84
Perry	91.5%	97	91.5%	100	0.0%	-3
Pike	98.6%	11	97.5%	22	-1.1%	-11
Powell	90.4%	101	93.6%	75	3.5%	26
Pulaski	96.5%	38	96.9%	31	0.5%	7

*Includes all schools who reported within a given county.

Robertson	91.4%	98	95.0%	63	3.9%	35
Rockcastle	91.6%	96	92.4%	94	0.9%	2
Rowan	89.9%	104	91.1%	101	1.4%	3
Russell	98.1%	17	97.0%	30	-1.1%	-13
Scott	90.0%	103	94.3%	70	4.7%	33
Shelby	92.3%	89	92.5%	92	0.2%	-3
Simpson	0.0%	120	0.0%	119	#DIV/0!	1
Spencer	97.9%	19	98.3%	15	0.3%	4
Taylor	96.4%	39	93.3%	81	-3.2%	-42
Todd	96.2%	42	95.8%	46	-0.5%	-4
Trigg	96.1%	43	95.2%	57	-0.9%	-14
Trimble	100.0%	1	93.4%	78	-6.6%	-77
Union	95.9%	48	96.6%	37	0.7%	11
Warren	94.4%	67	95.9%	44	1.6%	23
Washington	96.0%	44	100.0%	1	4.1%	43
Wayne	95.3%	56	100.0%	1	4.9%	55
Webster	87.3%	111	91.9%	97	5.2%	14
Whitley	92.3%	89	86.3%	113	-6.5%	-24
Wolfe	61.7%	119	76.7%	118	24.4%	1

County	2019-2020 Coverage Rate	2019-2020 County Ranking	2020-2021 Coverage Rate	2020-2021 County Ranking	Change in Percent (%) From 2019-2020 to 2020-2021	Change in County Rankings From 2019-2020 to 2020-2021
Kentucky (Total)	93.8%	N/A	94.5%	N/A	0.8%	N/A
Woodford	96.8%	33	93.0%	87	-3.9%	-54

