

**SUPPLEMENTARY TABLE 1. Site descriptions, New Vaccine Surveillance Network, December 2016–August 2021, United States**

Study site	Site Description:
<b>Seattle</b>	<p>Seattle Children’s Hospital (SCH) is a 407-bed academic pediatric medical center located in Seattle, Washington. It is the only pediatric hospital serving the population of King County, Washington. Outpatients are enrolled at the SCH Urgent Care Clinics and various community pediatric clinics including Ballard Pediatrics, North Seattle Pediatrics, University of Washington Roosevelt Clinic, and NeighborCare Community Health Clinic. Eligible inpatients and patients seen in the ED were enrolled 5–7 days per week with parent/guardian consent. Outpatients were enrolled from 2–5 days per week with parent/guardian consent. Inpatient and ED enrollments began in November 2016 and continued throughout the study period including all children aged &lt;18. In order to conduct broad surveillance during the emerging SARS-CoV-2 pandemic, eligibility was expanded to include patients residing in King, Pierce or Snohomish Counties in March 2020. Outpatient enrollment began in November 2018 among children &lt;2 years of age. This was expanded to include those aged &lt;18 years and those residing in King, Pierce or Snohomish Counties in May 2020. The COVID-19 pandemic briefly caused a pause in outpatient enrollment from 3/13/2020–4/28/2020 while working out isolation and shut down restrictions and awaiting IRB permission to expand eligibility criteria for age range and county of residence. Outpatient enrollment resumed in Seattle Children’s Urgent Care Clinics on 4/29/2020 but has not yet resumed at private community pediatric clinics. There was no pause in enrollment in the ED or inpatient setting at any point during the pandemic.</p> <p>Additional information about Seattle Children’s Hospital is available at <a href="https://www.seattlechildrens.org/">https://www.seattlechildrens.org/</a></p> <p>Census information for King County, Washington is available at <a href="https://www.census.gov/quickfacts/kingcountywashington">https://www.census.gov/quickfacts/kingcountywashington</a></p>
<b>Kansas City</b>	<p>Children’s Mercy Hospital Adele Hall Campus (CMH) and Children’s Mercy Kansas (CMK) comprise the Children’s Mercy–Kansas City (CM–KC) comprehensive pediatric medical center located in Kansas City, Missouri. Inpatient, ED and outpatient clinic enrollment included subjects from Jackson County, MO. Inpatient and ED enrollments at CM–KC began in 2016 and continued throughout the study period including children aged &lt;18 years. Inpatient enrollment occurred for 5 days per week until July 2020 when it expanded to 7 days per week through 2021. The ED enrolled 5 days per week from 2016 – May 2020, then began 7 days per week until September 2021, when the ED returned to enrolling 5 days/ week. Outpatient ARI enrollment began in November 2018 among children aged &lt;2 years and expanded to include those aged &lt;18 years in August 2020. The outpatient clinic has enrolled 2–3 days per week since 2018. The COVID-19 pandemic briefly caused a pause in enrollment in all clinical settings (inpatient, ED, and outpatient) during 03/17/2020–03/29/2020.</p> <p>Additional information about Children’s Mercy–Kansas City (CM–KC) is available at <a href="https://www.childrensmercy.org/">https://www.childrensmercy.org/</a></p> <p>Census information for Jackson County, Missouri is available at <a href="https://www.census.gov/quickfacts/jacksoncountymissouri">https://www.census.gov/quickfacts/jacksoncountymissouri</a></p>
<b>Cincinnati</b>	<p>Cincinnati Children’s Hospital Medical Center (CCHMC) is a 634-bed academic pediatric medical center located in Cincinnati, Ohio. CCHMC’s enrollments in NVSN are limited to children aged &lt;18 years who are residents of Hamilton County, Ohio. Outpatients are enrolled at the Pediatric Primary Care Center (PPCC) which disproportionately serves children with public health insurance and has a higher proportion of non-Hispanic Black patients. Eligible inpatients and patients seen in the ED were enrolled 5–7 days per week with parent/guardian consent. Outpatients were enrolled from the PPCC 3–5 days per week with parent/guardian consent. Inpatient and ED enrollments began in November 2016 and continued throughout the study period including all children aged &lt;18. Outpatient enrollment began in November 2018 among children &lt;2 years of age. This was expanded to include those aged &lt;18 years in May 2020. The COVID-19 pandemic briefly caused a pause in ED and hospital enrollment during 3/24/2020 – 3/30/2020 while working out isolation and shut down restrictions with the hospital. Passive enrollment was also used, alongside active enrollment, for patients on the COVID isolation units during May 2020.</p> <p>Additional information about Cincinnati Children’s is available at <a href="https://www.cincinnatichildrens.org/about">https://www.cincinnatichildrens.org/about</a></p> <p>Census information for Hamilton County, Ohio is available at <a href="https://www.census.gov/quickfacts/hamiltoncountyohio">https://www.census.gov/quickfacts/hamiltoncountyohio</a></p>

<b>Rochester</b>	<p>University of Rochester Golisano Children’s Hospital (UR–GCH) is a 148 acute care-bed academic and teaching hospital, an integral component, along with Strong Memorial Hospital, of the University of Rochester Medical Center (URMC). NVSN enrollments are stratified by Monroe County residence or residence in surrounding counties. Enrolled children are those hospitalized at UR–GCH or at a smaller pediatric unit of a private teaching hospital affiliate of URMC, Rochester General Hospital (RGH); those seen in the EDs of UR–GCH or RGH; or those seen as outpatients in the Strong Pediatric Practice. Eligible inpatients were enrolled 7 days per week (5 active surveillance days with 48hour lookback for weekend admissions) with parent/guardian consent. Children seeking care in the EDs were enrolled from 3–5 days per week with parent/guardian consent. Children in the hospital or EDs aged &lt;18 years were eligible for enrollment. Outpatient enrollment began in November 2018 among children &lt;2 years of age. The SARS-CoV-2 pandemic affected the volume of patients seeking care, particularly in 2020, but did not pause enrollment in the inpatient, ED, or outpatient settings.</p> <p>Additional information about UR Medicine Golisano Children’s Hospital is available at <a href="https://www.urmc.rochester.edu/childrens-hospital.aspx">https://www.urmc.rochester.edu/childrens-hospital.aspx</a></p> <p>Census information for Monroe County, New York is available at <a href="https://www.census.gov/quickfacts/monroecountynewyork">https://www.census.gov/quickfacts/monroecountynewyork</a></p>
<b>Houston</b>	<p>Texas Children's Hospital (TCH) is a 675 licensed-bed academic pediatric hospital located in the Texas Medical Center in Houston, Texas.</p> <p>Enrollments in NVSN are limited to children aged &lt;18 years who live in the greater Houston area (persons residing in Harris and continuous counties). Outpatients are enrolled at several Texas Children’s Pediatrics (TCP) practices. Eligible inpatients and patients seen in the ED were enrolled 5–7 days per week with parent/guardian consent. Outpatients were enrolled from the TCP 3–5 days per week with parent/guardian consent. During the COVID-19 pandemic, TCP outpatient visits occurred either in-person or via telemedicine with respiratory specimens collected at a TCP–operated drive-through location. Inpatient and ED enrollments began in November 2016 and continued throughout the study period including all children aged &lt;18 years. Outpatient enrollment began in November 2018 among children &lt;2 years of age. This was expanded to include those aged &lt;18 years in May 2020. Enrollment was paused in the ED during 3/23/2020 to 4/22/2020 and hospital during 3/23/2020 to 4/3/2020 while reconfiguring enrollment workflow due to isolation and shut down restrictions within the hospital due to the COVID-19 pandemic.</p> <p>Additional information about Texas Children’s Hospital is available at <a href="https://www.texaschildrens.org/">https://www.texaschildrens.org/</a></p> <p>Census information for Harris County, Texas is available at <a href="https://www.census.gov/quickfacts/harriscountytexas">https://www.census.gov/quickfacts/harriscountytexas</a></p>
<b>Vanderbilt</b>	<p>Monroe Carell Jr. Children’s Hospital at Vanderbilt (MCJCHV) is a 307-bed teaching hospital in Nashville, TN. Enrollments in the emergency department are limited to children aged &lt;18 years who are residents of Davidson County. Inpatient and Emergency Department (ED) enrollments at MCJCHV capture children throughout the catchment area, regardless of insurance status. Outpatients are enrolled at the Vanderbilt Children’s Primary Care Clinic. Eligible inpatients were enrolled if they were admitted Sunday through Thursday and patients seen in the ED were enrolled 4 days per week with parent/guardian consent. Outpatients were enrolled from 1–5 days per week with parent/guardian consent. Inpatient and ED enrollments began in December 2016 and continued throughout the study period including all children aged &lt;18 years. Outpatient enrollment began in November 2018 among children &lt;2 years of age who reside in the 9 Middle Tennessee counties also included in inpatient screening. This was expanded to include those aged &lt;18 years in July 2020. There was no pause in enrollment in the ED, inpatient, or outpatient settings at any point during the COVID-19 pandemic.</p> <p>Additional information about Monroe Carell Jr. Children’s Hospital is available at <a href="https://www.childrenshospitalvanderbilt.org/">https://www.childrenshospitalvanderbilt.org/</a></p> <p>Census information for Davidson County, Tennessee is available at <a href="https://www.census.gov/quickfacts/davidsoncountytennessee">https://www.census.gov/quickfacts/davidsoncountytennessee</a></p>

Pittsburgh	<p>University of Pittsburgh Medical Center (UPMC) Children’s Hospital of Pittsburgh (CHP), located in Pittsburgh PA, is a 315-bed comprehensive pediatric medical center. CHP admits &gt;95% of hospitalized children from the surrounding Allegheny County. CHP has a catchment area of &gt;5.5 million, including patients from the tri-state area (Pennsylvania, Ohio, and West Virginia). Eligible inpatients from Allegheny and the surrounding counties were enrolled if they were admitted Sunday through Thursday and patients seen in the ED were enrolled 3–5 days per week with parent/guardian consent. Outpatients were enrolled from 1–5 days per week with parent/guardian consent in the CHP Primary Care Clinic. Inpatient and ED enrollments began in December 2016 and continued throughout the study period including all children aged &lt;18 years. Outpatient enrollment began in November 2018 among children &lt;2 years of age. This was expanded to include those aged &lt;18 years in July 2020. There was no pause in enrollment in the ED, inpatient, or outpatient settings at any point during the COVID-19 pandemic.</p> <p>Additional information about UPMC Children’s Hospital of Pittsburgh is available at <a href="https://www.chp.edu/">https://www.chp.edu/</a></p> <p>Census information for Allegheny County, Pennsylvania is available at <a href="https://www.census.gov/quickfacts/alleghenycountypennsylvania">https://www.census.gov/quickfacts/alleghenycountypennsylvania</a></p>
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