

Table CLABSI-CH. Pediatric Central Line-Associated Blood Stream Infections (CLABSIs): Number of Infections (Reported and Predicted) and Standardized Infection Ratio (SIR), by State, 2017 (n = 42 states) [Lower rates are better]

State	Number of Infections Reported (A)	Predicted Number of Infections (B)	Standardized Infection Ratio (SIR) (A/B)	Evaluation of State Performance ^a
All U.S. ^b	1,477	1,935.640	0.763	
Alabama	49	44.136	1.088	Not significantly different from the national baseline
Arizona	26	31.550	0.824	Not significantly different from the national baseline
Arkansas	24	30.281	0.793	Not significantly different from the national baseline
California	150	196.908	0.757	Significantly lower (better) than the national baseline
Colorado	5	22.515	0.222	Significantly lower (better) than the national baseline
Connecticut	7	12.919	0.542	Not significantly different from the national baseline
Dist. of Col.	8	19.461	0.411	Significantly lower (better) than the national baseline
Florida	87	133.623	0.651	Significantly lower (better) than the national baseline
Georgia	54	80.448	0.659	Significantly lower (better) than the national baseline
Idaho	2	6.502	0.308	Not significantly different from the national baseline
Illinois	41	76.022	0.539	Significantly lower (better) than the national baseline
Indiana	34	31.166	1.059	Not significantly different from the national baseline
Iowa	9	19.995	0.450	Significantly lower (better) than the national baseline
Kansas	6	12.567	0.477	Significantly lower (better) than the national baseline
Kentucky	15	23.049	0.651	Not significantly different from the national baseline
Louisiana	50	47.753	1.047	Not significantly different from the national baseline
Maryland	23	35.260	0.624	Significantly lower (better) than the national baseline
Massachusetts	20	21.657	0.923	Not significantly different from the national baseline
Michigan	44	56.619	0.777	Not significantly different from the national baseline
Minnesota	8	16.993	0.471	Significantly lower (better) than the national baseline
Mississippi	27	19.207	1.406	Not significantly different from the national baseline
Missouri	37	49.138	0.753	Not significantly different from the national baseline
Montana	2	2.902	0.689	Not significantly different from the national baseline
Nebraska	4	5.149	0.777	Not significantly different from the national baseline
Nevada	13	28.226	0.461	Significantly lower (better) than the national baseline
New Jersey	18	39.105	0.435	Significantly lower (better) than the national baseline
New Mexico	6	8.181	0.733	Not significantly different from the national baseline
New York	96	118.785	0.808	Significantly lower (better) than the national baseline
North Carolina	57	65.294	0.858	Not significantly different from the national baseline
North Dakota	3	6.671	0.450	Not significantly different from the national baseline
Ohio	43	77.773	0.553	Significantly lower (better) than the national baseline
Oklahoma	24	31.062	0.773	Not significantly different from the national baseline
Oregon	4	11.371	0.352	Significantly lower (better) than the national baseline
Pennsylvania	91	72.774	1.237	Not significantly different from the national baseline
South Carolina	34	32.678	1.040	Not significantly different from the national baseline
Tennessee	41	54.810	0.748	Not significantly different from the national baseline
Texas	175	218.225	0.797	Significantly lower (better) than the national baseline
Utah	17	22.281	0.763	Not significantly different from the national baseline
Virginia	27	46.458	0.581	Significantly lower (better) than the national baseline
Washington	20	27.151	0.737	Not significantly different from the national baseline
West Virginia	13	9.958	1.306	Not significantly different from the national baseline
Wisconsin	23	24.634	0.893	Not significantly different from the national baseline

Table CLABSI-CH (continued)

Source: Centers for Disease Control and Prevention (CDC), 2017 National and State Healthcare-Associated Infections Progress Report, Table 3d, available at <https://www.cdc.gov/hai/excel/hai-progress-report/2017-SIR-ACH.xlsx>.

Notes: This measure assesses the number of CLABSIs in neonatal intensive care units reported by acute care hospitals. The standardized infection ratios (SIRs) displayed in this table compare the observed number of infections reported during 2017 to the predicted number of infections.

The term “states” includes the 50 states and the District of Columbia.

Data are displayed for a state if at least 5 facilities reported pediatric CLABSI data during the reporting period. Nine states (AK, DE, HI, ME, NH, RI, SD, VT, and WY) had fewer than five facilities report so data are not displayed.

Data are included from all neonatal intensive care unit locations, including Level II/III and Level III nurseries. Umbilical line- and central line-associated bloodstream infections are both considered CLABSIs. CLABSIs identified as Mucosal Barrier Injury are excluded from the SIRs. The Child Core Set measure also includes the rate of CLABSIs in pediatric intensive care units (PICUs). At this time, data on CLABSI events occurring in PICUs are not available.

^a The SIR compares the observed number of infections reported to the National Healthcare Safety Network (NHSN) during 2017 to the predicted number of infections based on the 2015 national baseline and risk adjustment calculations. SIRs are only calculated for a state when at least five health care facilities reported 2017 data, and/or at least one infection is predicted to occur. SIRs were assessed for statistical significance using a mid-p exact test. CDC updated the SIR baselines and risk models in 2015 using data reported to the NHSN due to (1) several modifications to the NHSN surveillance protocols since the historical baseline time periods, and (2) changes in the size and service characteristics of facilities reporting to NHSN since that time. More information on the updated national baseline is available at <https://www.cdc.gov/nhsn/2015rebaseline/index.html>. More information on the risk adjustment methodology is available in NHSN’s SIR Guide at <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/nhsn-sir-guide.pdf>.

^b The U.S. rate includes hospitals in Guam, Puerto Rico, and the Virgin Islands.