

Table of Central Line-Associated Bloodstream Infection Rates, by Type of Intensive Care Unit (ICU), 2014^{1,2,3}

December 2, 2015 download of January 2014 – December 2014 NHSN data

Hospital	Type of ICU																	
	Adult Cardiothoracic	Adult Medical / Surgical	Adult Medical	Burns	Long Term Acute Care	Neonatal Unit ⁴ Birth Weight Categories (grams)					Neurosurgical	Oncology ³ Line Types			Pediatric Cardiothoracic	Pediatric Medical/Surgical	Trauma	
						<750 g	751-1000 g	1001-1500 g	1501-2500 g	>2500 g		Overall	Temporary	Permanent				Overall
Adventist Health Walla Walla General Hospital		0.00																
Capital Medical Center		0.00																
Cascade Valley Hospital		0.00																
Central Washington Hospital		0.00																
Deaconess Hospital		2.00 1.80				0.00	0.00	0.00	0.00	0.00	0.00							
Evergreen Healthcare		0.55				0.00	0.00	0.00	0.00	0.00	0.00							
Grays Harbor Community Hospital		0.00																
Harborview Medical Center			1.19	2.52							2.28					1.43		
Harrison Medical Center		0.75																
Highline Medical Center		1.88																
Island Hospital		0.00																
Jefferson General Hospital		0.00																

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						<750 g	751-1000 g	1001-1500 g	1501-2500 g	>2500 g		Overall	Temporary	Permanent				Overall
Kadlec Medical Center		0.00				12.99	0.00	0.00	0.00	0.00	0.93							
Kindred Hospital, First Hill					4.81													
Kindred Hospital, Northgate					0.00													
Kittitas Valley Healthcare		0.00																
Legacy Salmon Creek Hospital		0.00				-	0.00	0.00	0.00	0.00	0.00							
Lourdes Health Network		0.00																
Mary Bridge Children's Hospital															0.00			
Mason General Hospital		0.00																
Mid-Valley Hospital		0.00																
MultiCare Auburn Medical Center		0.00																
MultiCare Good Samaritan Hospital		0.69																
Northwest Hospital and Medical Center – UW Medicine		1.07																

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						Birth Weight Categories (grams)						Overall	Temporary	Permanent				Overall
						<750 g	751-1000 g	1001-1500 g	1501-2500 g	>2500 g								
Olympic Medical Center		0.00																
Overlake Hospital Medical Center		1.11				-	0.00	0.00	0.00	0.00	0.00							
PeaceHealth Saint John Medical Center		0.00																
PeaceHealth Saint Joseph Medical Center		0.29																
PeaceHealth Southwest Medical Center		0.77 0.88				-	0.00	0.00	0.00	0.00	0.00							
PeaceHealth United General Medical Center		0.00																
Providence Centralia Hospital ⁵		2.38																
Providence Holy Family Hospital		0.46																
Providence Mount Carmel Hospital		0.00																
Providence Regional Medical Center Everett		0.40				0.00	0.00	0.00	0.00	0.00	0.00							
Providence Sacred Heart Medical Center	0.78	0.78				1.78	0.00	0.00	0.00	0.00	0.45				0.61			
Providence Saint Mary Medical Center		0.00																

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						<750 g	751-1000 g	1001-1500 g	1501-2500 g	>2500 g		Overall	Temporary	Permanent				Overall
Providence Saint Peter Hospital		1.15																
Pullman Regional Hospital		0.00																
Saint Anthony Hospital		1.11																
Saint Clare Hospital		0.00																
Saint Elizabeth Hospital		0.00																
Saint Francis Hospital		0.90				-	-	-	-	0.00	0.00							
Saint Joseph Medical Center		1.03				-	0.00	0.00	0.00	0.00	0.00							
Samaritan Healthcare		0.00																
Seattle Cancer Care Alliance												0.00	0.00	0.00				
Seattle Children's Hospital						1.26	2.95	0.00	1.18	0.78	1.16				1.21	1.51		
Skagit Valley Hospital		0.00																
Sunnyside Community Hospital		0.00																

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	Adult Cardiothoracic	Adult Medical / Surgical	Adult Medical	Burns	Long Term Acute Care	Neonatal Unit ⁴					Neurosurgical	Oncology ³			Pediatric Medical/ Surgical	Pediatric Cardiothoracic	Trauma	
						Birth Weight Categories (grams)						Overall	Temporary	Permanent				Overall
						<750 g	751-1000 g	1001-1500 g	1501-2500 g	>2500 g								
Swedish Cherry Hill		0.50 1.17																
Swedish Edmonds			0.74															
Swedish First Hill		0.00 0.93				0.00	0.00	0.00	0.00	0.00	0.00				0.00			
Swedish Issaquah		0.00																
Tacoma General Hospital / Allenmore Hospital		0.85 0.00 0.00				2.13	1.29	0.00	0.00	0.00	0.74							
Three Rivers Hospital ⁶		-																
Toppenish Community Hospital		0.00																
Tri-State Memorial Hospital		0.00																
Trios Health (formerly Kennewick) / Trios Southridge Hospital ⁷		3.63																
University of Washington Medical Center	0.19	0.00				4.64	0.00	0.00	0.00	0.00	1.44							
Valley General Hospital		0.00																
Valley Hospital ⁸		3.02																

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	Adult Cardiothoracic	Adult Medical / Surgical	Adult Medical	Burns	Long Term Acute Care	Neonatal Unit ⁴					Neurosurgical	Oncology ³			Pediatric Cardiac	Pediatric Medical/Surgical	Trauma	
						Birth Weight Categories (grams)						Overall	Temporary	Permanent				Overall
						<750 g	751-1000 g	1001-1500 g	1501-2500 g	>2500 g								
Valley Medical Center - UW Medicine ⁹		1.32				5.29	5.05	0.00	0.00	0.00	2.21							
Virginia Mason Medical Center		0.49																
Whidbey General Hospital		0.00																
Yakima Regional Medical and Cardiac Center		1.02																
Yakima Valley Memorial Hospital		2.11				0.00	0.00	0.00	0.00	0.00	0.00							

Table Notes:

1. All rates are expressed as infections per 1,000 line-days. Red colored cells have statistically significant higher infection rates than other hospitals reporting similar units during the year. White cells have rates similar to other hospitals. White cells with dashes "-" indicate reporting units or subcategories with no central-line patients during the reporting period. Light grey cells indicate where hospitals do not report having that type of ICU. Unit types with additional subcategories (neonatal and oncology) are only statistically compared between hospitals by their "overall" rates. Cell coloring for the entire unit (overall and subcategory rates) reflect the interpretation of the overall rate. Visit our website for more information about our [statistical methods](#).
2. Some hospitals have more than one ICU of the same type, so separate rates are shown in the cell for each one.
3. Washington State 2014 reports for central line-associated bloodstream infections exclude cases reported in NHSN as "mucosal barrier injury" (MBI) bloodstream infections. These cases typically occur among highly immunocompromised patients where intestinal bacteria can enter the bloodstream through deterioration of the intestinal tract. If a central line is present, these may be reported as CLABSI but may not be preventable as a device-associated infection.ⁱ

ⁱ HICPAC 2013 recommendations on public reporting of healthcare associated infections data: <http://www.ncbi.nlm.nih.gov/pubmed/24189597>

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Details of oncology ICU infection rate by central types are included in this table. By separating rates for both line types, the number of line-days in either subcategory can be very low, and a single infection may produce a seemingly high rate.

4. Details of neonatal intensive care unit (NICU) infection rate by birth weight groups are included in this table. Generally, the smallest infants are the most susceptible to infection, but it is difficult to provide accurate rates at this level of detail because the total number of line-days in each birth weight group can be quite small for many hospitals. Even one infection can produce a seemingly high rate when the number of line-days is very low. NICU rates shown on the box plot and map pages are overall rates, for all infants regardless of birth weight. Overall NICU rates are calculated from the total number of infections and total number of line-days from each birth weight group, and are used to compare hospitals more accurately.

Hospital Notes:

5. Providence Centralia Hospital – Infection rate is due to one case during the year, and is the first ICU case reported since reporting began in 2009. The hospital investigated the case and subsequently, reviewed line insertion and maintenance practices and enhanced nursing staff training.
6. Three Rivers Hospital – No rates are shown because the hospital had no central-line patients during the reporting period.
7. Trios Health / Southridge Hospitals – Infection rate is due to two cases during the second half of the year (at Trios Southridge). The hospital investigated each case, recognized inconsistencies in central-line care and subsequently reinforced line insertion and maintenance best practices for nursing staff. Most inpatient hospital services (including ICU care) at Trios Health were largely discontinued mid-year in 2014, and transferred to the new Trios Southridge facility, which opened June 2014. This reported rate is the combination of both facilities' ICU rates over the year.
8. Valley Hospital – Infection rate is due to three cases during the year, with no indication of cross-infection. The hospital reviewed each case and subsequently implemented a revised central-line insertion and maintenance protocol and added additional infection prevention measures.
9. Valley Medical Center – Infection rate is due to two cases during the year, with no indication of cross-infection. The hospital reviewed and investigated each case.