Table of Central Line-Associated Bloodstream Infection Rates, by Type of Intensive Care Unit (ICU), 2013 1,2 June 6, 2014 download of January 2013 – December 2013 NHSN data Unit (ICU), 2013

								Туре	of ICU	J						
	Adult Cardic	Adult Medic:	Adult	Burns	Coronary	Long T Care				al Unit		grams)		Pediatric Cardioth	Pediatric Medical/	Trauma
	Adult Cardiothoracic	Adult Medical/Surgical	Adult Medical		ary Care	Term Acute	<750 g	751-1000	1001-1500	1501-2500	>2500 g	Overall	Neurosurgical	Pediatric Cardiothoracic	Pediatric Medical/Surgical	a
Hospital						te		90	90 g	90 g					1	
Capital Medical Center		0.00														
Cascade Valley Hospital		0.00														
Central Washington Hospital		0.40														
Deaconess Medical Center	2.40	1.40					2.77	0.00	0.00	0.00	0.00	0.72				
Evergreen Healthcare		1.45					0.00	0.00	0.00	0.00	0.00	0.00				
Grays Harbor Community Hospital		0.00														
Harborview Medical Center			1.58	2.72									1.19			1.16
Harrison Medical Center		0.55														
Highline Medical Center		1.43														
Island Hospital		0.00														
Jefferson General Hospital		0.00														
Kadlec Medical Center		0.30					0.00	4.81	0.00	0.00	0.00	1.58				
Kennewick General Hospital ⁴		3.02					0.00		0.00	0.00	0.00	1.00				

								Туре	of ICU	[
	Adult Cardio	Adult Medic:	Adult	Burns Adult	Coron	Long T Care			Neonata Veight C)	Neuros	Pediatric Cardioth	Pediatric Medical/?	Trauma		
	Adult Cardiothoracic	Adult Medical/Surgical	Adult Medical		Coronary Care	Term Acute	<750 g	751-1000	1001-1500	1501-2500	>2500 g	Overall	Neurosurgical	Pediatric Cardiothoracic	Pediatric Medical/Surgical	a
Hospital						te		ga	90 g	90 g					1	
Kindred Hospital, First Hill						0.00										
Kindred Hospital, Northgate						1.69										
Kittitas Valley Community Hospital		0.00														
Legacy Salmon Creek Hospital		0.51					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 ⁵		2.65														
Multicare Good Samaritan Hospital		1.27														
Northwest Hospital ⁶		3.08														
Olympic Medical Center		0.00														
Overlake Hospital Medical Center		0.00					-	0.00	0.00	0.00	0.00	0.00				

								Туре	of ICU							
	Adult Cardio	Adult Medic:	Adult	Burns Adult	Coronary Care	Long T Care	Neonatal Unit 3Neonatal Unit 3Birth Weight Categories (grams)NeurosurAZ1011XO									
	Adult Cardiothoracic	Adult Medical/Surgical	Adult Medical			Term Acute	<750 g	751-1000	1001-1500	1501-2500	>2500 g	Overall	Neurosurgical	Pediatric Cardiothoracic	Pediatric Medical/Surgical	Trauma
Hospital						e		ad	g (g (
PeaceHealth Saint John Medical Center		0.94						-								
PeaceHealth Saint Joseph Medical Center		0.57														
PeaceHealth Southwest Medical Center		0.47					0.00	0.00	0.00	0.00	0.00	0.00				
Providence Centralia Hospital		0.00														
Providence Everett Medical Center		0.59					0.00	0.00	0.00	0.00	0.00	0.00				
Providence Holy Family Hospital		1.35														
Providence Mount Carmel Hospital		0.00														
Providence Sacred Heart Medical Center	0.43	0.60					2.06	0.00	0.00	0.00	2.48	1.26			1.81	
Providence Saint Mary Medical Center		0.00														
Providence Saint Peter Hospital		0.61														
Pullman Regional Hospital		0.00														
Saint Anthony Hospital		0.00														
Saint Clare Hospital		0.68														

		Type of ICU														
	Adult Cardio	Adult Adult	Burns	Coronary	Long T Care		Neonatal Unit 3ZCardiatricBirth Weight Categories (grams)OUrosu									
	Adult Cardiothoracic	Adult Medical/Surgical	Adult Medical			Term Acute	<750 g	751-1000 g	1001-1500	1501-2500	>2500 g	Overall	Neurosurgical	Pediatric Cardiothoracic	Pediatric Medical/Surgical	Trauma
Hospital		-							ad	019						
Saint Elizabeth Hospital		0.00														
Saint Francis Hospital		0.00					-	-	0.00	-	0.00	0.00				
Saint Joseph Medical Center		1.30					-	-	0.00	0.00	0.00	0.00				
Samaritan Healthcare		0.00														
Seattle Children's Hospital		0.00					2.67	1.85	0.00	1.58	3.16	2.25		2.40	1.84	
Skagit Valley Hospital		1.13														
Skyline Hospital ⁷																
Sunnyside Community Hospital		0.00														
Swedish Cherry Hill		0.28 0.55														
Swedish Edmonds			0.00													
Swedish First Hill		0.55 0.00					1.16	0.00	0.00	0.00	0.00	0.30			0.00	
Swedish Issaquah		0.00														
Tacoma General Hospital/ Allenmore Hospital		0.00 0.00 0.23			0.00		0.00	3.56	0.00	0.00	0.00	1.01				

	Type of ICU															
	Adult Cardic	Adult Medic:	Adult	Burns	Coronary	Long T Care			Neonata Veight C				Neuros	Pediatric Cardioth	Pediatric Medical/	Trauma
	Adult Cardiothoracic	Adult Medical/Surgical	Adult Medical		ary Care	Term Acute	<750 g	751-1000	1001-1500	1501-2500	>2500 g	Overall	Neurosurgical	Pediatric Cardiothoracic	Pediatric Medical/Surgical	เล
Hospital						e		g) g) g					-	
Three Rivers Hospital (formerly Okanogan-Douglas) ⁸																
Toppenish Community Hospital		0.00														
Tri-State Memorial Hospital		0.00														
United General Hospital		0.00														
University of Washington Medical Center	0.95	0.26					1.56	0.00	5.46	0.00	0.00	1.28				
Valley General Hospital		0.00														
Valley Hospital and Medical Center		0.00														
Valley Medical Center		0.52					14.49	0.00	0.00	0.00	0.00	0.98				
Virginia Mason Medical Center		0.00														
Walla Walla General Hospital		0.00														
Whidbey General Hospital		0.00														
Yakima Regional Medical and Cardiac Center	0.00	1.00														
Yakima Valley Memorial Hospital		0.00					-	11.76	0.00	0.00	0.00	1.95				

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. Light grey cells indicate where hospitals do not report having that type of ICU. Visit our website for more information about our <u>statistical methods</u>.
- 2. Some hospitals have more than one ICU of the same type, so separate rates are shown in the cell for each one.
- 3. 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.
- 4. Kennewick General Hospital Infection rate is due to two cases with no indication of cross-infection. The hospital reviewed each case and subsequently reinforced central-line best practices with the ICU staff.
- 5. Multicare Auburn Medical Center Infection rate is due to three cases during the year, with no indication of cross-infection. The hospital reviewed each case, leading to an investigation of central-line maintenance practices and found some being applied inconsistently. As a result, central-line best practices were reinforced and new infection prevention monitoring was implemented.
- 6. Northwest Hospital Infection rate is due to seven cases during the year, with no indication of cross-infection. The hospital identified a trend and created a multidisciplinary committee which investigates each case. Best practices for central-line placement and maintenance, including feedback to caregivers on timely line discontinuation, were reviewed and monitored for implementation.
- 7. Skyline Hospital No rates are shown because the hospital had no central-line patients during the reporting period.
- 8. Three Rivers Hospital (formerly Okanogan-Douglas Hospital) No rates are shown because the hospital had no central-line patients during the reporting period.

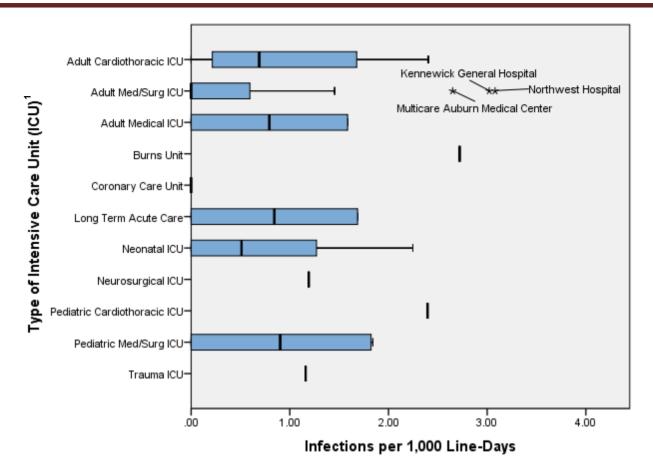


Healthcare Associated Infections Program website:

http://www.doh.wa.gov/YouandYourFamily/IllnessandDisease/HealthcareAssociatedInfections For persons with disabilities, this document is available on request in other formats.

ril ²⁰¹⁴ To submit a request, please call 1-800-525-0127 (TDD/TTY 1-800-833-6388).

Box Plots of Central Line Associated Bloodstream Infection Rates, 2013



June 4, 2014 download of January 2013 - December 2013 NHSN data

Notes:

- In 2013, Washington State had only one of the following types of intensive care units: burn, coronary care, neurosurgical, pediatric cardiothoracic, and trauma. Therefore, the plot does not show a range for these types of locations. Visit our website for more information about our <u>statistical methods</u>.
- Neonatal intensive care unit (NICU) rates shown here are for the unit overall (all infants regardless of birth weight). Details of NICU central line infection rate by birth weight groups are provided on the <u>2013 rate table</u>.
- 3. Multicare Auburn Medical Center Infection rate is due to three cases during the year, with no indication of crossinfection. The hospital reviewed each case, leading to an investigation of central-line maintenance practices and found some being applied inconsistently. As a result, central-line best practices were reinforced and new infection prevention monitoring was implemented.
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Washington State Department of Healthcare Associated Infections Program website: http://www.doh.wa.gov/YouandYourFamily/IllnessandDisease/HealthcareAssociatedInfections For persons with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TDD/TTY 1-800-833-6388).