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	Adult	Pediatric	Overall	Overall	Long Term Acute Care	Burns	General Medical	Neurology	Pulmonary	Stroke	Overall	General Medical / General Surgical Mix	All Adult	Mixed Age	Overall	General Hematology /	Hematopoietic Stem	Pediatric General Oncology	Overall	Surgical Mix General Medical	Orthopedic General Medical/	Rehabilitation	Mixed Acuity	Overall	Antenatal Care	Labor & Delivery Gynecology	Recovery & Postpartum	Postpartum Labor, Delivery,	Well Baby Nursery (Level I)	Overall	Adult Step Down	Step Down Neonatal Nursery (Level II)	Rehabiliation Wards	Inpatient Rehabilitation Facilities	Overall	General Surgical	Neurosurgical	Orthopedic	Overall Vascular Surgery	
Hospital Adventist Health																		gy												\dashv										
Walla Walla General Hospital												0.00															0.0	00		0.00										
Capital Medical Center												1.14			1																0.00									
Cascade Medical Center				-			0.00				0.00				1																									
Cascade Valley Hospital Central Washington Hospital							0.00				0.00																			-	0.00					0.00			0.0	_
Columbia Basin Hospital				0.00			0.47				0.47	(0.00)																			0.00					0.00			0.0	,
Coulee Medical Center				0.00								(0.00)																												
Dayton General Hospital ⁶				16.67								(16.67)																												
Deaconess Hospital							2.37				2.37									o	0.00			0.00				0.0	0	0.00						1.07		2.12	1.4	2
East Adams Rural Hospital				0.00			(0.00)																																	
Evergreen Healthcare							(/					0.86													0	.00				0.00	0.00		0.00		0.00					
Ferry County Memorial Hospital				0.00									(0.00)																											
Forks Community Hospital				0.00								(0.00)																												
Garfield County Memorial Hospital				0.00			(0.00)																																	
Grays Harbor Community Hospital												0.00																												
Group Health Cooperative																																0.00								
Harborview Medical Center ⁷	17.54		17.54			0.00	0.83				0.68	0.50																					0.00		0.00	1.59	0.92	0.43	0.9	9
Harrison Medical Center												0.87			1	.73 .06			1.32												0.30					0.83		0.00	0.7	5
Highline Medical Center ⁸							0.77				0.77																	-		_	2.21		0.00		0.00	0.00			0.0	0
Island Hospital												0.00																												
Jefferson General Hospital				0.00								(0.00)																												

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		ehavio cholo		Critical Access Hospital Units ⁴	Long Term Care		I	Medic	al Wa	rds		Medical/ Surgical	Mixe	ed Ac	uity		Oncolo Line Ty Tempor Perman	/pes ary /			I	Pediati	rics			w		rinata n's Ho			Post Critical Care- Adult	Post Critical Care- Neonatal	Rel	habilita	ition		Surgio	cal Wa	ards	
Hospital	Adult	Pediatric	Overall	Overall	Long Term Acute Care	Burns	General Medical	Neurology	Pulmonary	Stroke	Overall	General Medical / General Surgical Mix	All Adult	Mixed Age	Overall	General Hematology / Oncology	Hematopoietic Stem Cell Transplant	Pediatric General Oncolog	Overall	General Medical	General Medical/ Surgical Mix	Orthopedic	Mixed Acuity Rehabilitation	Overall	Antenatal Care	Gynecology	Labor & Delivery	Labor, Delivery, Recovery & Postpartum	(Level I) Postpartum	Overall	Adult Step Down	Step Down Neonatal Nursery (Level II)	Rehabiliation Wards	Inpatient Rehabilitation Facilities	Overall	General Surgical	Neurosurgical	Orthopedic	Vascular Surgery	Overall
Kadlec Medical Center														0.00	0.00			У				0.00		0.00				0.00		0.00	0.80		0.00		0.00	0.00			0	.00
Kindred Hospital, First Hill					0.00																									-	3.00									
Kindred Hospital, Northgate					0.00																																			
Kittitas Valley Healthcare				0.00								(0.00)																-												
Klickitat Valley Health				0.00									(0.00)																											
Lake Chelan Community Hospital				0.00								(0.00)	(0.00)																											
Legacy Salmon Creek Hospital ⁹							3.24				3.24	0.00																- (0.00	0.00	0.00					0.00			0.	.00
Lincoln Hospital				0.00								(0.00)																											4	
Lourdes Health Network				0.00								(0.00)																					(0.00)						4	
Mary Bridge Children's Hospital																					0.63			0.63														4	4	
Mason General Hospital				0.00								(0.00)																										4	4	
Mid-Valley Hospital				0.00								(0.00)																											4	
Morton General Hospital Multicare				0.00								(0.00)																												
Auburn Medical Center Multicare	0.00		0.00									1.41															(0.00		0.00	0.00	0.00	0.00		0.00					
Good Samaritan Hospital							1.34				1.34	1.37							(0.00				0.00				-	0.00	0.00	0.25	0.00	0.00		0.00	0.63			0.	.63
Newport Community Hospital				0.00									(0.00)																									\dashv		
North Valley Hospital				0.00								(0.00)							\dashv																					
Northwest Hospital and Medical Center	0.00		0.00							0.0	0.00								\dashv									0.00		0.00										
Ocean Beach Hospital				0.00								(0.00)																										\dashv		
Odessa Memorial Hospital Olympic Medical Center				-			-					0.00																												

			Critical avioral/ Access hological Hospital Corn Corn Corn Corn Corn Corn Corn Corn																																					
							I	Medic	cal Wa	nrds		Medical/ Surgical	Mix	ed Acu	ity	Lir Ter	ne Typ	es ry/			Ped	diatric	s				Perina men's	atal/ Healt	th	Cr C	Care-	Post Critical Care- Neonatal	Reh	abilita	tion		Surgio	cal Wa	ards	
Warried	Adult	Pediatric	Overall	Overall	Long Term Acute Care	Burns	General Medical	Neurology	Pulmonary	Stroke	Overall	General Medical / General Surgical Mix	All Adult	Mixed Age		Cell Transplant General Hematology /	Hematopoietic Stem	Pediatric General Oncolo	Overall	Surgical Mix	Orthopedic General Medical/	Rehabilitation	Mixed Acuity	Overall	Antenatal Care	Gynecology	Recovery & Postpartum	Postpartum Labor Delivery	Well Baby Nursery (Level I)		Adult Step Down	Step Down Neonatal Nursery (Level II)	Rehabiliation Wards	Inpatient Rehabilitation Facilities	Overall	General Surgical	Neurosurgical	Orthopedic	Vascular Surgery	Overall
Hospital Othello Community Hospital												H .						9 2																						
Overlake Hospital Medical Center							1.25				1.25	0.00															0.0	0	0.	00						0.00		0.00	١,	0.00
PeaceHealth Peace Island Medical Center PeaceHealth				0.00			(0.00)																																	
Saint John Medical Center 10 PeaceHealth			Ŀ				0.00			0	.00 0.00	3.32															0.0	0	0.	00								1.43	<u></u>	1.43
Saint Joseph Medical Center PeaceHealth							0.42				0.42	0.42					4		_								0.0	0	0.	00			0.00		0.00	1.16			1	1.16
Southwest Medical Center PeaceHealth												0.61															0.0	0	0.	00			0.00		0.00	0.00		0.00	(0.00
United General Hospital Prosser Memorial				0.00								(0.00)							+											+									+	
Hospital Medical Center Providence Centralia Hospital ¹¹				0.00			0.00				0.00	(0.00)															-				0.00					7.22				7.22
Providence Holy Family Hospital							1.35			1	.97 1.65																0.0	0	0.	00	0.00					0.00				0.00
Providence Mount Carmel Hospital				0.00								0.00																												
Providence Regional Medical Center Everett Providence							0.18			0.58	0.28	0.64																					0.00		0.00	0.71		0.00	0.00).22
Sacred Heart Medical Center ¹² Providence	0.00		0.00					0.00	0.88	0	.47 0.48	1.16						1.23 2.79 2	2.30	2.	.19			2.19			0.0	0	0.	00 (0.00					1.33		0.00		0.75
Saint Joseph's Hospital Providence				0.00								(0.00)																											4	
Saint Mary Medical Center Providence							0.00				0.00																-			-			0.00		0.00	0.00			(0.00
Saint Peter Hospital	-		-				0.31	0.00		0	.00 0.14	0.99			_				+	0.	.00			0.00			0.0	0	0.	00		-	0.00		0.00			0.00		0.00
Pullman Regional Hospital				0.00								(0.00)																												
Quicny Valley Hospital				0.00								(0.00)	-																										\dashv	
Regional Hospital					1.80		4.07				4.5	1.70																											\dashv	
Saint Anthony Hospital Saint Clare Hospital ¹³							1.67				1.67																				1 75					0.00				200
Saint Clare Hospital										0	.82 0.82																				1.75					0.00				0.00

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		ehavio vcholo		Critical Access Hospital Units ⁴	Long Term Care			Medio	cal Wa	ards		Medical/ Surgical	Mix	ed Acu	ity	Lin Ten	cology e Typ porar mane	es ·y/			Pediat	trics				P Won	erinat ien's l		h	Post Critica Care- Adult	d Critic	al :-	Reha	bilitat	ion	S	Surgica	ıl Waı	rds
Hospital	Adult	Pediatric	Overall	Overall	Long Term Acute Care	Burns	General Medical	Neurology	Pulmonary	Stroke	Overall	General Medical / General Surgical Mix	All Adult	Mixed Age	Oncology Overall	Cell Transplant General Hematology /	Unmatomoiatic Stam	Pediatric General Oncology	General Medical Overall	Surgical Mix	Orthopedic	Rehabilitation	Mixed Acuity	Overall	Gynecology Antenatal Care	Labor & Delivery	Labor, Delivery, Recovery & Postpartum	Postpartum	Overall Well Baby Nursery (Level I)	Adult Step Down	Nursery (Level II)		Rehabiliation Wards	Inpatient Rehabilitation Facilities	Overall	General Surgical	Neurosurgical	Orthonedic	Overall Vascular Surgery
Saint Elizabeth Hospital ¹⁴				1.83								(1.83)						y .																					
Saint Francis Hospital				1.03			1.20				1.2																0.00		0.0	0.00						0.00			0.00
Saint Joseph Medical Center	0.00		0.00				-			0	43 0.4					1000		0	0.95								0.00		0.0				0.00		0.00	1.09			1.09
Saint Luke's Rehabilitation Institute 15																																		0.51	0.51				
Samaritan Healthcare												0.00															_		-										
Seattle Children's Hospital ¹⁶																		- .25 1	.25	1.14	1	d	0.00 1	1.09															
Shriners Hospital for Children Spokane																						0.00	C	0.00															
Skagit Valley Hospital							0.00				0.0	1.00																								0.99			0.99
Skyline Hospital				0.00								(0.00)																											
Snoqualmie Valley Hospital 17																																							
Sunnyside Community Hospital				0.00								(0.00)																											
Swedish Ballard												0.00																									4		
Swedish Cherry Hill	0.00		0.00							0	0.0	0.00																				,	0.00		0.00				
Swedish Edmonds															1.0	77														0.00	<u> </u>					0.00	0.	93	0.30
Swedish First Hill							0.71			0	00 0.5	0.00			0.0			0	0.69	0.00			(0.00	0.0	00			0.0	0.00	0.00					0.00	0.	00	0.00
Swedish Issaquah												0.00							0.00				(0.00															
Tacoma General Hospital / Allenmore Hospital												0.54													0.00			0.00	0.0	0.41	0.00								
Three-Rivers Hospital				0.00								(0.00)																											
Toppenish Community Hospital												0.00															0.00		0.0	0									
Tri-State Memorial Hospital Trios Health /				0.00								(0.00)																											
Southridge Hospitals ¹⁸							4.09					2.80							-	0.00			(0.00			0.00		0.0	0						2.73			

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		navio cholog		Critical Access Hospital Units ⁴	Long			Medic	al Wa	ırds		Medi Surgi		Mixed A	Acuity	,	Oncol Line T Tempo Perma	Types orary /			P	Pediat	rics					erina nen's l		1	ľ	Care-	Post Critical Care- Neonatal	Reh	abilita	tion		Surg	ical W	'ards	
Hospital	Adult	Pediatric	Overall	Overall	Long Term Acute Care	Burns	General Medical	Neurology	Pulmonary	Stroke	Overall Telemetry	General Surgical Mix		Mixed Age All Adult	Overall	General Hematology / Oncology	Hematopoietic Stem Cell Transplant	Pediatric General Oncolog	Overall	General Medical	General Medical/	Orthopedic	Rehabilitation	Mixed Acuity	Overall	Antenatal Care	Labor & Delivery	Labor, Delivery, Recovery & Postpartum	Postpartum		Overall	Adult Step Down	Step Down Neonatal Nursery (Level II)	Rehabiliation Wards	Inpatient Rehabilitation Facilities	Overall	General Surgical	Neurosurgical	Orthopedic	Vascular Surgery	Overall
University of Washington													-			0.17	0.00	Ş													+										-
Medical Center							0.33				0.3	3 0.1	5	0.25	0.2	5 0.31	0.72		0.29						- 0	0.00	0.0	0	0.00	0	.00			0.00		0.00			0.00		0.00
Valley General Hospital												0.0	0																												
Valley Hospital							0.82				0.8	32 -		0.0	0.0	0												0.00		0	.00	0.00							0.00		0.00
Valley Medical Center - UW Medicine							0.48	1.97			0.7	7																0.00	0.00	0	.00	0.00					0.69				0.69
Virginia Mason Medical Center 19												0.7	5																					28.57		28.57					
Wenatchee Valley Medical Center																																		0.00		0.00	0.00				0.00
Whidbey General Hospital				0.00								(0.0)	0)																												
Whitman Hospital and Medical Center				0.00										(0.00)																											
Willapa Harbor Hospital				0.00								(0.0)																													
Yakima Regional Medical and Cardiac Center				0.00								2.3																				0.00						0.00			0.00
Yakima Valley Memorial Hospital							0.00			1	.07 0.3					1.34 2.45			2.03													5.50						2.00			

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 with rates have rates similar to other hospitals.

 White cells with dashes "-" indicate reporting units with no central-line patients during the reporting period. Light grey cells indicate where hospitals do not report having that type of inpatient unit. Black cells indicate incomplete reporting to the state, via NHSN. Categories with additional unit-type subcategories are only statistically compared between hospitals by their "overall" rates. Cell coloring for the entire category (overall and unit subcategory rates) reflect the interpretation of the overall rate. Subcategories are provided for comparison to national reports. Visit our website for more information about our statistical methods.
- 2. This table contains rates for hospital inpatient units for a lower acuity of care than intensive care units (ICU). Details of specific, non-ICU inpatient locations by NHSN designations are included in this table. At the individual unit-type level of detail, it is difficult to provide accurate rates because the total number of line-days on a unit can be quite small for some hospitals. Even one infection can produce a seemingly high rate when the number of line-days is very low. Some hospitals may open/close units, or change unit designations in NHSN mid-year. Furthermore, there may be few hospitals reporting specific unit-types in the state, making between-hospital comparisons difficult. Therefore, similar types of patient care locations are grouped into Washington State defined inpatient unit categories; hospitals are statistically compared by their "overall" infection rates in these categories to compare hospitals and patient populations more accurately. Overall infection rates are calculated from the total number of infections and total number of line-days from each unit-type in the category.

The box plot and interactive map pages show overall rates for inpatient location categories. However, the more unit specific infection rate information in this table may be useful for patients and providers when planning patient care.

- 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 gastrointestinal tract (regardless of the presence of a central line), and may not be preventable as a device-associated infection (see 2013 HICPAC recommendations on public reporting of healthcare associated infections data: http://www.ncbi.nlm.nih.gov/pubmed/24189597).
- 4. Rates in parentheses "()" indicate <u>critical access hospital</u> unit rates. All critical access hospital unit rates are combined for a single categorical rate, then only compared against between other critical access hospitals. Unit level critical access hospitals rates as reported by their NHSN designation are provided in this table, but not used for statistical comparison in those categories. Because critical access hospitals have a limited number of beds, their total number of line-days tend to be low; even one infection can therefore produce a seemingly high rate.
- 5. Details of oncology non-ICU infection rate by central line type are included in this table. By separating rates for both line types, the number of line-days is either subcategory can be very low, and a single infection may produce a seemingly high rate.

Hospital Notes:

- 6. Dayton General Hospital (Critical Access Hospital units) Infection rate is due to one case during the year and a very small number of central line-days. The hospital reviewed the case and added nursing staff competencies for line maintenance.
- 7. Harborview Medical Center (Behavioral wards) Infection rate is due to one infection during the year and a very low number of line days. This patient required long-term vascular access, with a central line in place for an extended period of time.
- 8. Highline Medical Center (Adult Post Critical Care units) Infection rate is due to three infections during the year, with no indication of cross-infection. The hospital investigated each case and subsequently added additional hospital-wide infection prevention measures for line access and maintenance, and provided nursing staff reeducation on best practice for line care.
- 9. Legacy Salmon Creek Hospital (Medical wards) Infection rate is due to two cases during the year, with no indication of cross-infection. The hospital investigated each case, reviewed line insertion technique, and provided education on evidence-based practice for blood cultures.
- 10. PeaceHealth Saint John Medical Center (Medical / Surgical wards) Infection rate is due to four infections during the year, with no indication of cross-infection. The hospital reviewed each case and investigated line care practices on the unit. Subsequently, staff on the unit received reeducation on best practices for line care and maintenance, and enhanced infection prevention measures were implemented facility-wide.
- 11. Providence Centralia Hospital (Surgical wards) Infection rate is due to two infections in the same patient, who was observed self-injecting into the line.
- 12. Providence Sacred Heart Medical Center (Pediatric units) Infection rate is due to two cases during the year, with no indication of cross-infection. The hospital reviewed the cases, and has implemented hospital-wide assessments of line insertion and maintenance best practice adherence with nursing staff reeducation.
- 13. Saint Clare Hospital (Adult Post Critical Care units) Infection rate is due to two cases during the year, with no indication of cross-infection. The hospital investigated each case and has implemented a patient safety policy to reduce the possibility of patients contaminating their own central lines. Additionally, the hospital enhanced infection prevention measures including for accessing patient lines.
- 14. Saint Elizabeth Hospital (Critical Access Hospital units) Infection rate is due to one infection. The hospital investigated the case and subsequently provided staff reeducation on infection prevention best practices.
- 15. Saint Luke's Rehabilitation Institute (Rehabilitation wards) Infection rate is due to one infection during the year. The facility investigated the case and subsequently implemented enhanced central-line monitoring and provided nursing staff education. The hospital reports that central line insertions are not performed. This hospital is the state's only freestanding level one trauma rehabilitation hospital, thus inpatient volume and device days are appreciably higher as compared to other facilities that provide rehabilitation care.
- 16. Seattle Children's Hospital (Pediatric units) Infection rate is due to ten cases throughout the year, with no indication of cross-infection. This hospital provides care for young patients with highly complex disorders that can require long-term dependency on central-lines. The hospital reviewed and investigated each case and reports no trends. Staff receive ongoing training on central-line best practices with monitoring for compliance. Additionally, the hospital enhanced infection prevention measures including for accessing patient lines.
- 17. Snoqualmie Valley Hospital (Critical Access Hospital) Incomplete reporting to the department for calendar year 2014. The hospital has been referred to the state's division of hospital licensing (HSQA).
- 18. Trios Health / Trios Southridge Hospitals Most inpatient hospital services (including medical and surgical ward care) at Trios Health were largely discontinued mid-year in 2014, and transferred to the new Trios Southridge facility, which opened June 2014. These reported rates are the combination of both facilities' non-ICU unit rates over the year. For example, Trios Health medical/surgical wards and Trios Southridge medical wards are combined for one annual medical/surgical rate.
- 19. Virginia Mason Medical Center Infection rate is due to one case during the year and a very small number of central line-days. The hospital investigated the case. Subsequently, hospital-wide assessments of line insertion and maintenance best practice adherence was expanded.



Health 4420-144 October 2015 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).