

CLABSI Table 4. California Central Line-Associated Bloodstream Infection (CLABSI) Rates and Central Line Insertion Practices (CLIP) Adherence Percentages by Hospital Patient Care Locations: Pooled Means and Percentile Distributions, January - December 2015

Patient Care Locations	Total Reporting Hospitals	Cases	Central Line Days	Rate*	Minimum, Maximum, and Selected CLABSI Percentile Rates**								CLIP Adherence %^
					Min	Max	10%	25%	50%	75%	90%		
<u>Critical Care Areas</u>													
Medical Critical Care - Major Teaching	20	107	68796	1.56	0.00	4.00	0.28	0.65	1.11	1.95	2.90	98.0	
Medical/Surgical Critical Care - Major Teaching	26	77	78406	0.98	0.00	2.10	0.00	0.21	0.77	1.46	1.70	98.2	
Medical Critical Care - All Others	53	71	97324	0.73	0.00	6.13	0.00	0.00	0.43	1.06	2.04	96.9	
Medical/Surgical Critical Care - All Others	217	375	394050	0.95	0.00	9.62	0.00	0.00	0.68	1.32	2.11	97.6	
Surgical Critical Care	47	170	164348	1.03	0.00	2.80	0.00	0.37	0.70	1.47	2.17	98.0	
Burn Critical Care	12	40	14601	2.74	0.00	8.13	0.00	1.14	2.51	4.59	5.77	97.4	
Trauma Critical Care	11	22	25795	0.85	0.00	2.22	0.00	0.00	0.79	1.50	1.55	96.2	
Long Term Acute Critical Care	16	107	23608	4.53	0.00	10.51	0.84	2.60	4.03	6.34	7.29	98.6	
Pediatric Critical Care	36	128	81381	1.57	0.00	5.03	0.00	0.00	1.02	2.18	4.10	96.5	
Neonatal Critical Care													96.5
<= 750 grams	109	58	28377	2.04	0.00	24.84	0.00	0.00	0.00	2.87	6.67		
751-1000 grams	108	48	25699	1.87	0.00	22.35	0.00	0.00	0.00	2.39	5.29		
1001-1500 grams	125	28	35155	0.80	0.00	14.08	0.00	0.00	0.00	0.00	4.69		
1501-2500 grams	126	19	32074	0.59	0.00	3.68	0.00	0.00	0.00	0.00	0.71		
>2500 grams	126	34	36995	0.92	0.00	10.31	0.00	0.00	0.00	0.00	2.16		
<u>General Care Areas (Wards)</u>													
Step Down - Adult	110	178	188809	0.94	0.00	4.68	0.00	0.00	0.81	1.73	2.80		
Step Down - Neonatal	19	0	1771	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Step Down - Pediatric	3	7	4217	1.66	1.25	8.26	--	---	---	---	---		
Medical	176	399	454423	0.88	0.00	5.69	0.00	0.00	0.71	1.31	2.17		
Medical/Surgical	271	433	528351	0.82	0.00	14.29	0.00	0.00	0.41	1.12	2.09		
Surgical	103	100	169763	0.59	0.00	4.82	0.00	0.00	0.00	0.87	1.69		
Long Term Acute Care	24	382	210272	1.82	0.00	3.53	0.20	1.17	1.93	2.71	2.92		
Adult: Rehabilitation	66	14	34191	0.41	0.00	6.12	0.00	0.00	0.00	0.00	2.21		
Labor, Deliver, Recovery, Post-partum	117	2	4043	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Behavioral Health/Psych	12	0	828	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Jail	8	7	3592	1.95	0.00	7.30	--	---	---	---	---		
Pediatric - All General	63	84	76820	1.09	0.00	7.69	0.00	0.00	0.00	1.43	2.53		
Pediatric: Rehabilitation	2	3	2277	1.32	0.00	2.23	--	---	---	---	---		
<u>Special Care Areas</u>													
<u>Permanent Central Line Days</u>													
Oncology Medical/Surgical Critical Care	2	6	1765	3.40	2.98	11.76	--	---	---	---	---	98.2	
Oncology General Hematology/Oncology Ward	31	84	41529	2.02	0.00	5.43	0.00	0.00	1.66	2.72	4.53		
Oncology General Hematology/Oncology Ward-Pediatric	10	135	51786	2.61	0.30	4.57	0.56	1.67	2.54	4.00	4.46		
Bone Marrow Transplant	7	87	26583	3.27	0.94	12.87	--	---	---	---	---		
Bone Marrow Transplant-Pediatric	4	20	8121	2.46	1.29	4.66	--	---	---	---	---		
Oncology Solid Tumor Ward	1	1	423	2.36	2.36	2.36	--	---	---	---	---		
Solid Organ Transplant	7	2	3287	0.61	0.00	1.29	--	---	---	---	---		
<u>Temporary Central Line Days</u>													
Oncology Medical/Surgical Critical Care	2	10	3142	3.18	2.94	3.93	--	---	---	---	---	98.2	
Oncology General Hematology/Oncology Ward	31	155	70862	2.19	0.00	18.29	0.00	0.70	1.88	3.15	4.57		
Oncology General Hematology/Oncology Ward-Pediatric	10	43	16782	2.56	0.72	5.56	1.02	1.58	2.72	3.32	5.51		
Bone Marrow Transplant	7	159	42549	3.74	0.00	6.35	--	---	---	---	---		
Bone Marrow Transplant-Pediatric	4	15	4196	3.57	0.00	4.50	--	---	---	---	---		
Oncology Solid Tumor Ward	1	1	1377	0.73	0.73	0.73	--	---	---	---	---		
Solid Organ Transplant	7	14	13387	1.05	0.00	3.47	--	---	---	---	---		

Notes: *Rate is per 1000 central line days (total infections/total central line days multiplied by 1000).

**Percentile distribution of CLABSI rate values are for hospital patient care locations with a minimum of 10 hospital patient care locations. The dashed line (----) represents that there were not enough patient care locations to compute a rate value.

^The CLIP bundle includes eight components: hand hygiene, recommend skin preparation agent, allowing the skin preparation agent to dry, and five maximal sterile barriers (cap, mask, gown, gloves, and drape).

Source: Central Line-Associated Bloodstream Infections and Central Line Insertion Practices in California Hospitals, January through December 2015. California Department of Public Health.