

5.4.3 Variable Distribution Across Measured Entities

TABLE1A: Variable distribution and CDI event rate (per 10,000 patient-days) for the model for acute care hospitals

Variables	# of Cdiff Events	Number of Cdiff Patient Days	CDI Rate (per 10,000)
inp_corate_grp (Inpatient CO Prev Rate)			
1: 0	2,120	14,747,069	1.438
2: (0, 0.064)	5,831	29,582,318	1.971
3: [0.064, 0.104)	5,852	24,644,840	2.375
4: [0.104, 0.152)	5,802	21,362,858	2.716
5: [0.152, 0.213)	6,425	20,153,603	3.188
6: [0.213, 0.301)	6,411	17,828,367	3.596
7: [0.301, 0.461)	6,304	15,130,382	4.166
8: >=0.461	3,800	8,818,254	4.309
CDI test type			
EIA or GDH+EIA or Other	4,942	20,890,281	2.366
NAAT	27,921	82,909,271	3.368
NAAT+EIA_2step	9,682	48,468,139	1.998
edobs_corate_grp (Combined ED/OBS CO prev rate)			
1: <0.012 or noData	9,299	45,335,097	2.051
2: [0.012, 0.025)	8,747	35,149,313	2.489
3: [0.025, 0.048)	11,402	37,713,765	3.023
4: >=0.048	13,097	34,069,516	3.844
Facility Type			
GEN-CHLD-MIL	41,773	150,140,407	2.782
HOSP-ONC	641	807,397	7.939
Specialty-other	131	1,319,887	0.993
ICUbedsize			
1: 0-4	506	3,544,664	1.427
2: 5-45	16,739	66,586,647	2.514
3: 46-79	8,266	31,014,708	2.665
4: >=80	17,034	51,121,672	3.332
Med School Affiliation			
M/N/G	38,461	133,042,318	2.891
U	4,084	19,225,373	2.124
Average LOS			
<5.4	23,218	90,488,178	2.566
>=5.4	19,327	61,779,513	3.128

TABLE1B: Variable distribution and CDI event rate (per 10,000 days) for the model for critical access hospitals

Variables	# of Cdiff Events	Number of Cdiff Patient Days	CDI Rate (per 10,000)
Outpatient CO prevalence rate			
0 or noData	321	1,708,642	1.879
>0	351	990,815	3.543
Inpatient CO prevalence rate			
<0.313	407	2,021,903	2.013
>=0.313	265	677,554	3.911
CDI Test Type			
EIA or Other	172	1,006,430	1.709
NAAT	500	1,693,027	2.953
Average LOS			
<2.6	36	251,841	1.429
>=2.6	636	2,447,616	2.598
bedsize			
<25	210	791,164	2.654
>=25	462	1,908,293	2.421

TABLE1C: Variable distribution and CDI event rate (per 10,000 days) for the model for long-term care hospitals

Variables	# of Cdiff Events	Number of Cdiff Patient Days	CDI Rate (per 10,000)
Proportion of admissions on hemodialysis			
0	42	323,665	1.298
>0	1,523	4,197,940	3.628
Inpatient CO prevalence rate			
0	1,305	4,057,816	3.216
>0	260	463,789	5.606
ICUbedsize			
0	840	2,839,677	2.958
>0	725	1,681,928	4.311
Proportion of admissions on a ventilator			
<0.141	335	1,366,127	2.452
>=0.141	1,230	3,155,478	3.898
Proportion of beds that are high observation			
<0.238	1,344	3,757,394	3.577
>=0.238	221	764,211	2.892
Average LOS			
1: <25.3	282	713,145	3.954
2: [25.3, 29.4)	222	811,558	2.735
3: >=29.4	1,061	2,996,902	3.540

TABLE1D: Variable distribution and CDI event rate (per 10,000 days) for the model for inpatient rehabilitation hospitals

Variables	# of Cdiff Events	Number of Cdiff Patient Days	CDI Rate (per 10,000)
Free-standing HOSP-REHAB with inpatient CO prevalence rate			
HOSP-REHAB_>0COrate	200	697,423	2.868
IRFunit or 0 CO	1,699	9,101,166	1.867
Average daily census			
<51.3	1,210	6,843,789	1.768
>=51.3	689	2,954,800	2.332
CDI test type			
EIA	681	4,142,840	1.644
NAAT or Other	1,218	5,655,749	2.154
Proportion of admissions with stroke			
<0.185	718	3,295,377	2.179
[0.185, 0.321)	984	5,179,499	1.900
>=0.321	197	1,323,713	1.488
Proportion of admissions with orthopedic conditions			
<0.110	460	2,076,946	2.215
>=0.110	1,439	7,721,643	1.864
Proportion of admissions with traumatic spinal cord dysfunction			
<0.016	1,321	6,436,747	2.052
>=0.016	578	3,361,842	1.719
Proportion of admissions with non-traumatic spinal cord dysfunction			
<0.012	77	504,783	1.525
>=0.012	1,822	9,293,806	1.960