

### 5.4.3 Variable Distribution Across Measured Entities

The table below shows the MRSA Events, number of PATIENT days, and the MRSA rate (per 100,000 days) as estimated by the risk model for acute care hospitals, stratified by included variables:

	MRSA Events	Number of Patient Days	EventRate per 100K
Total	9,815	164,942,899	6.0
Outpatient CO prevalence rate			
1. No ED/Obs or EDRate < 0.013	980	25,912,710	3.8
2. 0.013 <= EDRate < 0.040	2,703	51,851,422	5.2
3. 0.040 <= EDRate < 0.064	2,705	43,649,214	6.2
4. 0.064 <= EDRate < 0.085	1,574	22,228,220	7.1
5. 0.085 <= EDRate	1,853	21,301,333	8.7
Inpatient CO prevalence rate			
1. Zero InpCOPrevRate	2,186	51,667,233	4.2
2. 0 < InpCOPrevRate < 0.042	2,957	49,949,789	5.9
3. 0.042 <= InpCOPrevRate < 0.071	1,940	28,518,134	6.8
4. 0.071 <= InpCOPrevRate	2,732	34,807,743	7.8
Average LOS			
1. 1 <= avgLOS < 2.6	76	3,376,928	2.3
2. 2.6 <= avgLOS < 4.8	2,908	61,888,515	4.7
3. 4.8 <= avgLOS < 5.2	1,364	23,688,893	5.8
4. 5.2 <= avgLOS	5,467	75,988,563	7.2
Proportion of total beds that are ICU			
1. 0 <= ICUbedPropn < 0.061	275	7,820,750	3.5
2. 0.061 <= ICUbedPropn < 0.161	4,150	78,572,518	5.3
3. 0.161 <= ICUbedPropn < 0.232	3,272	50,178,640	6.5
4. 0.232 <= ICUbedPropn	2,118	28,370,991	7.5
Total number of beds			
1. 1 <= numbeds < 67	185	6,212,588	3.0
2. 67 <= numbeds	9,630	158,730,311	6.1
Med School Affiliation			
U,G,N	2,981	60,696,868	4.9
M	6,834	104,246,031	6.6
Facility type (based on NHSN enrollment):			
CHLD,WOMCHILD,MIL,ORTHO,SURG,WOM	243	6,359,444	3.8
GEN,ONC	9,572	158,583,455	6.0

The below table shows the MRSA Events, number of PATIENT days, and the MRSA rate (per 100,000 days) as estimated by the risk model for Critical Access hospitals, stratified by included variables:

Variable	Level	MRSA Events	Number of Patient Days	EventRate per 100K
Overall		53	2,714,241	2.0
ED/Obs CO Prev Rate	0: missing or 0	26	2,002,178	1.3
	1: EDRate >0	27	713,628	3.8
Inpatient CO Prev Rate				
	0: COrate=0	42	2,486,608	1.7
	1:COrate >0	11	229,198	4.8