

APPENDIX A. Clinical Coding Criteria Identifying Methicillin-Resistant *Staphylococcus aureus* (MRSA)-Related Inpatient Stays and Rates for MRSA- Related Inpatient Stays

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Overview of Methicillin-Resistant *Staphylococcus aureus* (MRSA)- Related Adult Inpatient Stays, 2016-2021

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ICD-10-CM diagnoses codes indicating Methicillin-resistant *Staphylococcus aureus* (MRSA) are listed in Table A.1. Rate of MRSA-related adult inpatient stays by present on admission (POA) status for 2016-2021 is presented in Table A.2. Rate of MRSA-related inpatient stays by state and present on admission (POA) status for 2019 and 2021 is presented in Table A.3.

Table A.1. ICD-10-CM diagnoses indicating MRSA

ICD-10-CM Code Indicating MRSA	ICD-10-CM Code Description
A4102	Sepsis due to Methicillin resistant <i>Staphylococcus aureus</i>
A4902	Methicillin resistant <i>Staphylococcus aureus</i> infection, unspecified site
B9562	Methicillin resistant <i>Staphylococcus aureus</i> infection as the cause of diseases classified elsewhere
J15212	Pneumonia due to Methicillin resistant <i>Staphylococcus aureus</i>

Abbreviations: MRSA, Methicillin-resistant *Staphylococcus aureus*

Table A.2. Rate of MRSA-related inpatient stays per 10,000 adult inpatient stays, by present on admission (POA) status, 2016-2021

Year	Rate of Inpatient Stays with MRSA Infections (All)	Rate of Inpatient stays with MRSA Infections (POA)	Rate of Inpatient stays with MRSA Infections (Not POA)
2016	103.6	97.2	6.4
2017	101.7	95.6	6.1
2018	101.9	96.0	5.9
2019	98.4	92.7	5.7
2020	97.7	90.4	7.3
2021	92.3	83.9	8.4

Abbreviations: MRSA, Methicillin-resistant *Staphylococcus aureus*; POA, present on admission.

Notes: Additional details are available in the Methods section.

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2016–2021, 38 states.

Table A.3. Rate of MRSA-related inpatient stays per 10,000 inpatient stays, by state and present on admission (POA) status, 2019 and 2021

State	Rate of Inpatient Stays with MRSA Infections (POA) per 10,000 Inpatient Stays		Rate of Inpatient stays with MRSA Infections (Not POA) per 10,000 Inpatient Stays	
	2019	2021	2019	2021
AR	80.2	69.9	15.1	19.4
AZ	111.2	91.7	5.2	11.0
CA	88.1	79.5	4.6	6.9
FL	112.7	99.2	6.2	8.3
GA	88.0	75.6	7.9	12.5
HI	140.2	129.4	6.4	10.1
IL	73.9	70.3	4.0	6.2
IN	86.7	80.6	5.0	7.4
KS	94.6	88.1	3.9	5.0
KY	137.3	128.7	7.7	13.0
LA	121.3	111.8	12.8	11.7
MA	81.3	71.1	5.2	7.7
MD	110.9	101.2	5.5	8.9
ME	64.6	68.1	3.1	6.2
MI	83.6	74.1	5.9	8.9
MN	56.5	60.7	4.0	6.3
MO	96.2	89.0	5.0	8.0
MS	117.3	115.0	11.5	17.3
MT	81.2	77.0	2.9	5.8
NC	102.1	95.9	5.0	8.9
ND	75.9	65.6	4.1	8.8
NE	66.3	58.9	3.6	5.9
NJ	81.9	70.4	5.0	5.9
NM	88.2	72.8	5.4	7.2
NY	71.8	61.6	5.8	8.2
OH	121.5	110.8	8.0	10.9
OK	100.9	88.2	6.3	10.4
OR	103.5	92.4	4.7	7.3
PA	79.8	70.3	4.9	6.3
RI	69.4	66.7	3.6	5.8
SC	79.2	74.2	7.2	10.5
TN	118.5	115.8	6.5	9.9
TX	89.7	74.7	4.3	6.9
UT	64.2	53.5	2.7	4.4
VA	83.2	74.6	5.6	7.3
WA	96.5	86.4	5.5	7.5
WI	64.1	61.6	3.4	4.3
WV	177.7	179.5	8.8	16.6

Abbreviations: MRSA, Methicillin-resistant *Staphylococcus aureus*; POA, present on admission.

Notes: Additional details are available in the Methods section.

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2019 and 2021, 38 states.