



Antibiogram of Selected Pathogens, South Dakota 2016

Gram positive organisms								
 SOUTH DAKOTA DEPARTMENT OF HEALTH  South Dakota State University College of Pharmacy	Staphylococcus aureus†	Methicillin-susceptible S. aureus (MSSA)	Methicillin-resistant S. aureus (MRSA)	Group A Streptococcus	Group B Streptococcus	Streptococcus pneumoniae	Enterococcus faecalis	Enterococcus faecium
	Antibiotic	% Susceptible and (n) number of isolates tested						
Amoxicillin/Clavulanic acid						94(160)		
Cefepime						97(122)		
Cefotaxime				100(38)	99(109)	91(607)		
Ceftriaxone						94(914)		
Ampicillin				100(40)	99(312)		98(1941)	19(240)
Oxacillin‡	64(7496)	100(1560)	0(1097)					
Penicillin‡	6(5965)	20(1061)	0(741)	100(66)	99(368)	↓63(1107)	98(3104)	31(456)
Ciprofloxacin	69(7073)	90(146)	38(278)				↑74(3331)	18(489)
Levofloxacin	68(3526)	91(523)	37(571)	100(48)	98(446)	98(897)	77(3256)	22(504)
Clindamycin	74(6751)	82(1635)	68(1120)	↑94(48)	50(272)	86(791)		
Daptomycin	99(2640)		100(88)				99(1166)	
Erythromycin	49(6846)	68(1581)	13(1091)	88(48)	↑41(230)	45(934)		
Gentamicin	99(7204)	99(637)	98(620)				72(1136)	↓75(209)
Linezolid	100(3974)	99(1268)	99(877)			100(271)	99(3446)	97(529)
Nitrofurantoin*	100(3272)	100(1199)	100(879)				99(3357)	↑44(468)
Rifampin	100(6804)	100(492)	100(427)				↓57(1043)	15(218)
Trimethoprim/Sulfamethoxazole	98(7311)	97(1611)	98(1128)			72(909)		
Tetracycline	93(7519)	93(1598)	95(1081)	57(30)	11(104)	80(851)	24(2359)	↓17(230)
Vancomycin	100(7495)	100(1662)	100(1156)	100(66)	100(392)	100(855)	99(3897)	50(550)
	↑Denotes a 10% or greater increase in susceptibility from 2013				↓Denotes a 10% or greater decrease in susceptibility from 2013			
†Denotes a 10% or greater decrease change in susceptibility compared to data from 2013 ‡Denotes a 10% or greater Increase change in susceptibility compared to data from 2013 *Urine isolates only †From laboratories which did not separate MRSA and MSSA. Data included in this column is not included in the MSSA or MRSA columns. ‡Only reported oxacillin and penicillin for Staph. aureus based on CLSI guidelines CLSI recommends reporting data only if 30 or more isolates analyzed, less than 30 isolates are reported for completeness								