

High School Athletic Departments in Texas UIL Region IV as Sentinel Surveillance Sites

For Community Associated Methicillin Resistant Staphylococcal Infections –

Fall 2005 Results

Response rate: 76/115 (66.7%)

Table 1. Number and percent of athletic departments, by program, reported to have skin, staphylococcal, and MRSA infections, fall 2005

LATS Reporting	Athletic departments	Football	Wrestling	Volleyball	Cross country	Adults	Nonathlete
	# (%)	# (%)	# (%)	# (%)	# (%)	# (%)	# (%)
Schools with program	76	76	22	74	76	76	73
Skin infections	64 (84.2)	58 (76.3)	16 (72.7)	30 (40.5)	8 (10.5)	15 (19.7)	6 (8.2)
<i>S. aureus</i> infections	54 (71.1)	51 (67.1)	4 (18.2)	12 (16.2)	3 (3.9)	10 (13.2)	1 (1.4)
MRSA infections	32 (42.1)	31 (40.8)	1 (4.5)	4 (5.4)	2 (2.6)	3 (3.9)	0 (0.0)

Table 2. Number and percent of individual athletic department participants, by program, reported to have skin, staphylococcal, and MRSA infections, fall 2003

LATS Reporting	All programs # (%)	Football # (%)	Wrestling	Volleyball # (%)	Cross country # (%)	Adults # (%)	Nonathletes # (%)
Participants*	21,791 (100.0)	11,567 (100.0)	616 (100.0)	3,572 (100.0)	2,354 (100.0)	2,581 (100.0)	1,101 (100.0)
Skin infections	475 (2.2)	345 (2.9)	47 (7.6)	40 (1.1)	15 (0.6)	22 (0.9)	6 (0.5)
<i>S. aureus</i> infections	231 (1.1)	181 (1.6)	10 (1.6)	20 (0.6)	4 (0.2)	11 (0.4)	5 (0.5)
MRSA infections	63 (0.3)	53 (0.5)	1 (0.2)	4 (0.1)	2 (0.1)	3 (0.1)	0 (0.0)

*Schools that omitted information regarding total number of participants were omitted from analysis.

	All programs	Football	Wrestling	Volleyball	Cross country	Adults	Nonathletes
# of participants reported with skin infections	475	345	47	40	15	22	6
# (%) of skin infections reported to be <i>S. aureus</i>	231 (48.6)	181 (52.5)	10 (21.3)	20 (50.0)	4 (26.7)	11 (50.0)	5 (83.3)
# (%) of <i>S. aureus</i> infections reported to be MRSA	63 (27.3)	53 (29.3)	1 (10.0)	4 (20.0)	2 (50.0)	3 (27.3)	0 (0.0)

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MRSA infections	63 (0.3)	53 (0.5)	1 (0.2)	4 (0.1)	2 (0.1)	3 (0.1)	0 (0.0)

*Schools that omitted information regarding total number of participants were omitted from analysis.

Show % of skin that are staph and % of staph that are MRSA as per Tom.

Table 3. Number of reported MRSA cases in athletic departments

# MRSA infections reported in athletic department	# (%) athletic departments reporting N= 76
1	16 (21.1)
2	11 (14.5)
3	2 (2.6)
4	2 (2.6)
5	1 (1.3)
6	1 (1.3)
Total 63	33 (43.4)

Table 4. Number of persons with reported MRSA infections by sport in athletic departments reporting infections in multiple sports

# total athletes with MRSA	# football players	# wrestlers	# volleyball	# cross country	# adults	# nonathletes
5	3		1	1		
4	3			1		
4	3	1				
4	3				1	
3	2		1			
2	1				1	
2	1				1	

Table 5. Number of persons with reported MRSA infections, by sport, in athletic departments reporting infections in only one sport

# athletic departments reporting	# football players	# volleyball players
15	1	
8	2	
1	6	
1		1

One school had MRSA only in 1 volleyball player.

15 had 1 in football only.

8 had 2 in football only.

1 had 6 in football only

24 schools had MRSA exclusively in football players.