



2010-2018 Profile of Vancomycin Resistance in *Staphylococcus aureus* in Dallas County

Dallas County Health and Human Services

Summary of Vancomycin-Intermediate *Staphylococcus aureus* Cases, 2010-2018

	n (%)	Incidence per 100,000
Total	17 (100.0)	0.09
Sex		
Male	10 (58.8)	0.10
Female	7 (41.2)	0.07
Race/Ethnicity		
Hispanic	4 (23.5)	0.05
White	5 (29.4)	0.08
Black	7 (41.2)	0.16
Asian	0	N/A
American Indian	1 (5.9)	1.62
Age Group (years)		
<60	4 (25.0)	0.02
≥60	13 (75.0)	0.46
Hospitalizations	13 (76.5)	0.07

N/A = Not applicable

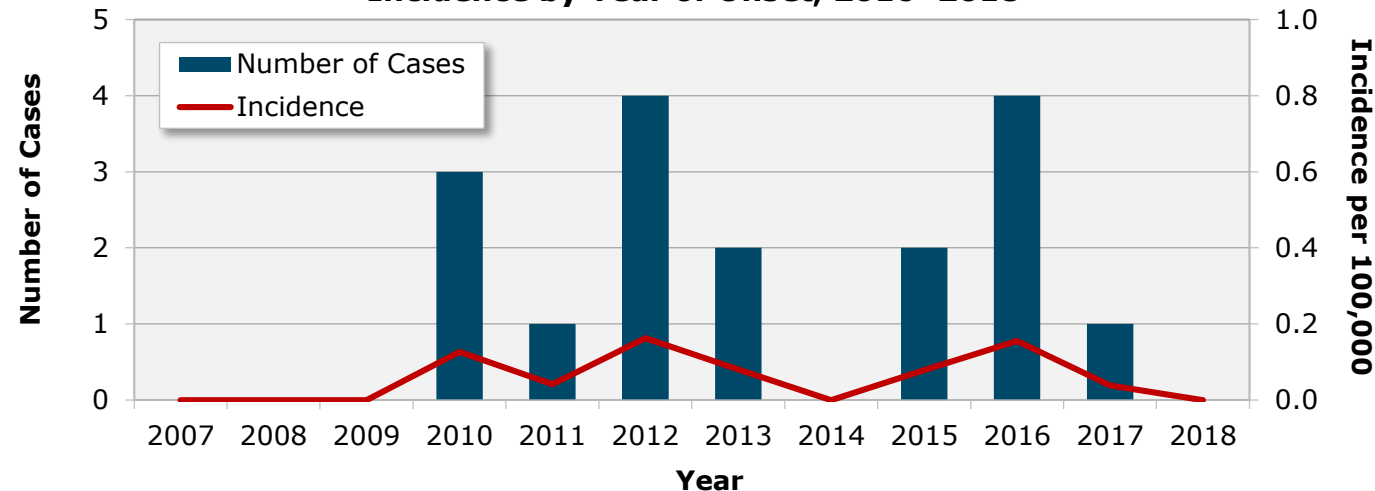
Vancomycin-Intermediate/Vancomycin-Resistant *Staphylococcus aureus* (VISA/VRSA) Case Definitions*

A laboratory confirmed *Staphylococcus aureus* isolate obtained from any body site/source that is found to be intermediate or resistant based on the CLSI standards and recommendations and confirmed by the Texas Department of State Health Services' Laboratory:

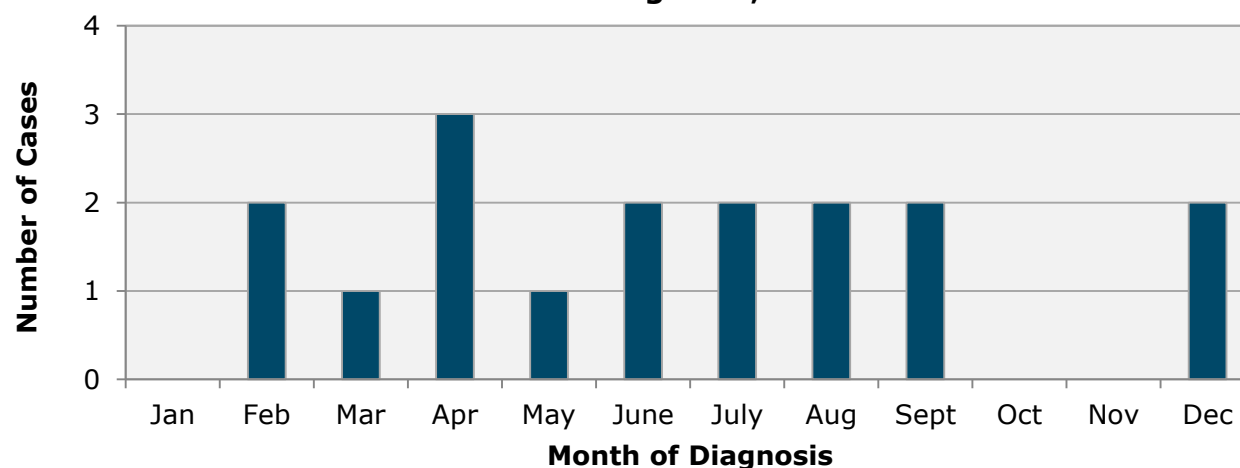
VISA: MIC = 4-8 µg/mL

VRSA: MIC ≥ 16 µg/mL

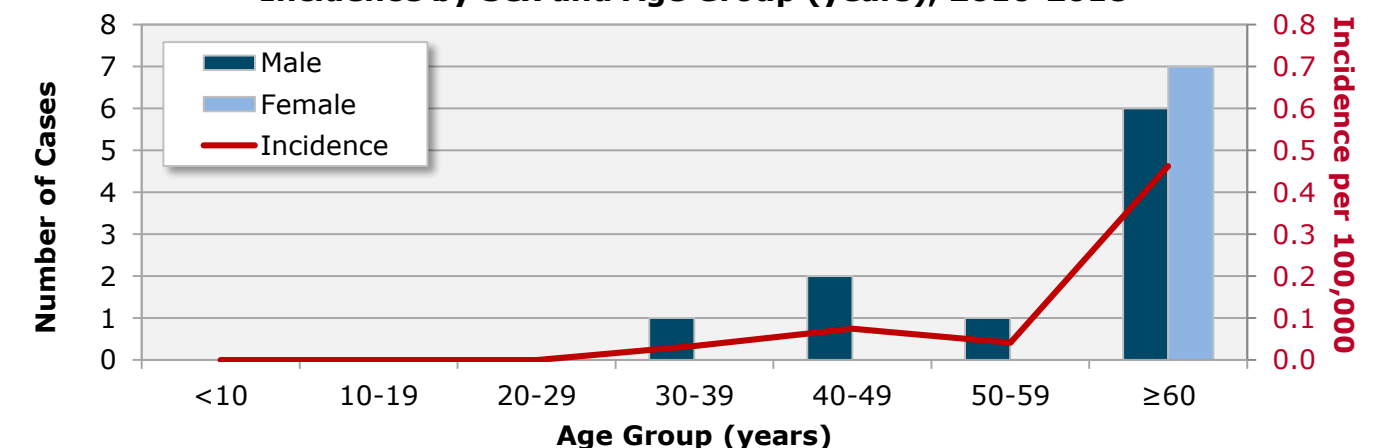
Vancomycin-Intermediate *Staphylococcus aureus* Cases and Incidence by Year of Onset, 2010-2018



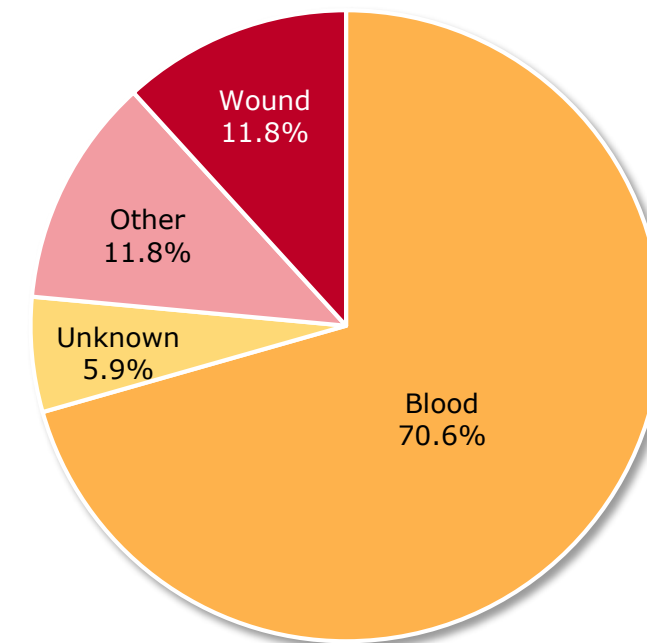
Vancomycin-Intermediate *Staphylococcus aureus* Cases by Month of Diagnosis, 2010-2018



Vancomycin-Intermediate *Staphylococcus aureus* Cases and Incidence by Sex and Age Group (years), 2010-2018



Vancomycin-Intermediate *S. aureus* Cases by Specimen Source, 2010-2018, (n=17)



¹Other includes: body fluid, swabs, or catheter tips.
²Wound includes: tissue, bone, abscess, or drainage.

Summary

- Vancomycin-Intermediate and Vancomycin-Resistant *Staphylococcus aureus* (VISA and VRSA, respectively) were added to the list of Texas Notifiable Conditions in 2007.
- There has been no increasing trend of VISA since reporting began.
- There were no cases of VRSA reported to Dallas County from 2010-2018.
- No VISA cases were reported in 2018.

*CDC National Notifiable Disease Surveillance System

Note: Incidence calculated using projected population data for 2018

Data Sources: Dallas County Department of Health and Human Services, Epidemiology Division; National Electronic Disease Surveillance System (NEDSS); Population data obtained through the Centers for Disease Control and Prevention: WONDER Bridged-Race Population Estimates 1990-2018.