



# 2016 Profile of Multidrug-Resistant *Acinetobacter* in Dallas County

## Dallas County Health and Human Services

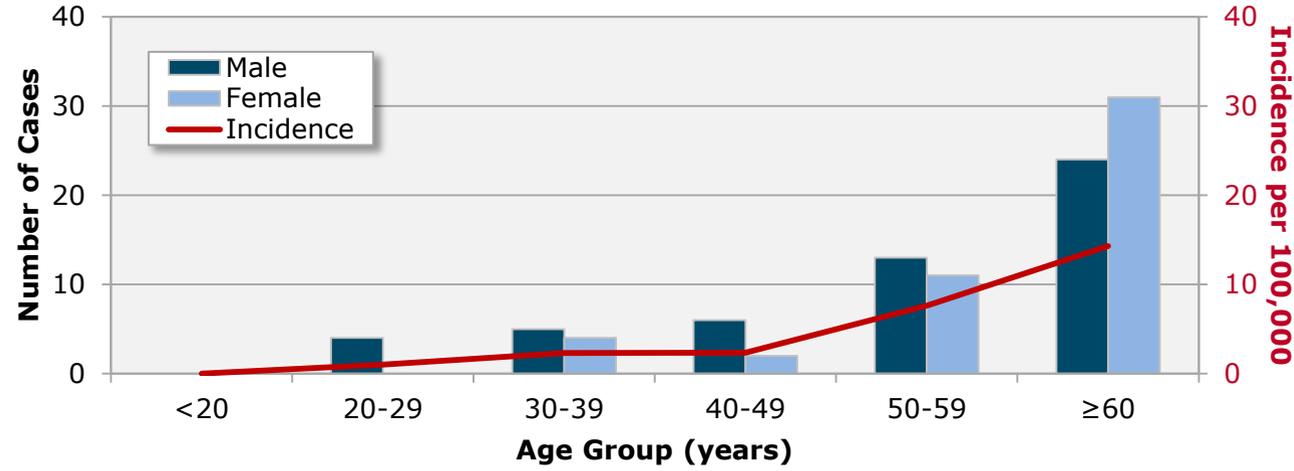
### Summary of Multidrug-Resistant *Acinetobacter* Cases, 2016

	n (%)	Incidence per 100,000
<b>Total</b>	100 (100.0)	3.9
<b>Sex</b>		
Male	52 (52.0)	4.1
Female	48 (48.0)	3.7
<b>Race/Ethnicity</b>		
Hispanic	9 (9.0)	0.9
White	33 (33.0)	4.2
Black	51 (51.0)	8.6
Asian	1 (1.0)	0.6
Unknown	6 (6.0)	N/A
<b>Age Group (years)</b>		
<20	0	N/A
20-29	4 (4.0)	1.0
30-39	9 (9.0)	2.3
40-49	8 (8.0)	2.4
50-59	24 (24.0)	7.6
≥60	55 (55.0)	14.3
<b>Hospitalizations</b>	89 (89.0)	3.5
<b>Deaths</b>	1 (14.3)	0.04

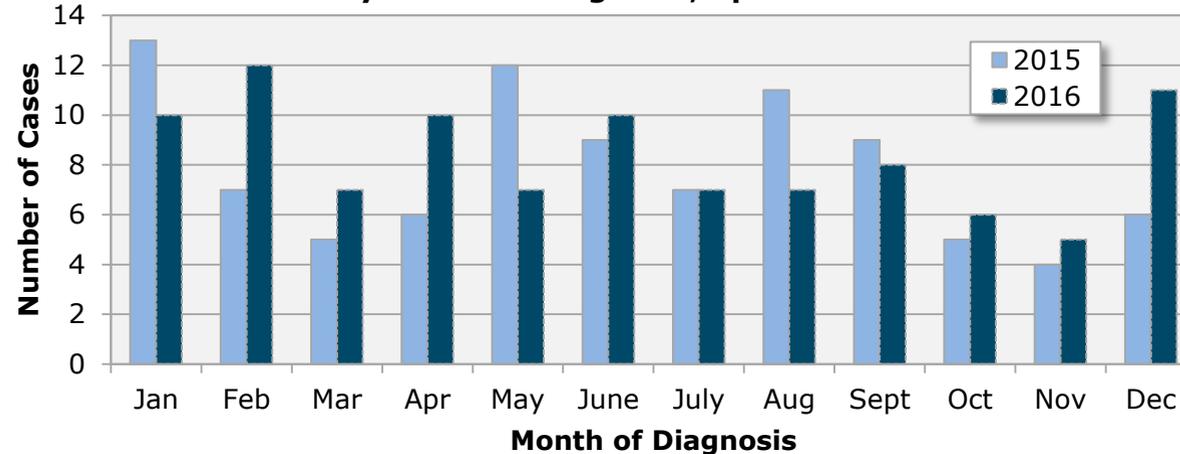
N/A = Not Applicable

- Acinetobacter* is a bacteria commonly found in soil and water, as well as on contaminated environmental surfaces, such as those found in healthcare settings, that can become resistant to many commonly used antibiotics<sup>1</sup>.
- Symptoms of *Acinetobacter* infection can vary based on location of the infection and those with compromised immune systems, chronic lung disease, diabetes, and invasive devices are more susceptible to *Acinetobacter* infection<sup>1</sup>.
- Studies have shown that patients infected with *Acinetobacter* experience up to 26% longer hospital stays<sup>1</sup>.

### Multidrug-Resistant *Acinetobacter* Cases and Incidence by Sex and Age Group, Dallas County, 2016



### Multidrug-Resistant *Acinetobacter* Cases by Month of Diagnosis, April 2015-2016

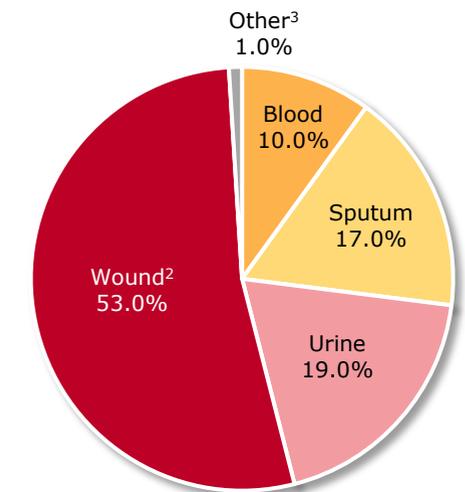


### Multidrug-Resistant *Acinetobacter* Case Definition<sup>1</sup>

Any laboratory confirmed *Acinetobacter* species obtained from any body site/source that tests nonsusceptible (i.e., intermediate or resistant) to at least one of the antibiotics listed below, in at least 3 of the following 6 antimicrobial classes. No other antibiotics meet case definition.

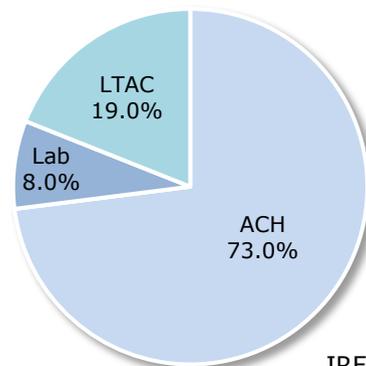
<b>Beta-Lactam</b>	<b>Aminoglycosides</b>
Piperacillin, Piperacillin/Tazobactam	Amikacin, Gentamicin, Tobramycin
<b>Carbapenems</b>	<b>Fluoroquinolones</b>
Imipenem, Meropenem, Doripenem	Ciprofloxacin, Levofloxacin
<b>Cephalosporins</b>	<b>Sulbactam</b>
Cefepime, Ceftazidime	Ampicillin/Sulbactam

### Multidrug-Resistant *Acinetobacter* Cases by Specimen Source, 2016, (n=100)

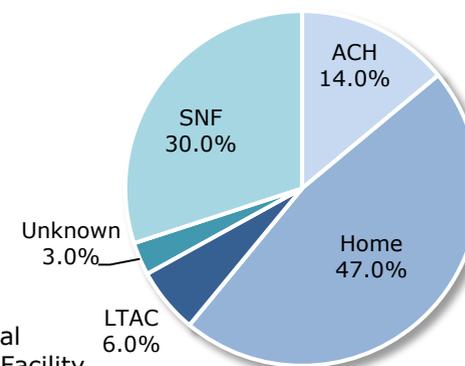


Note: MDR-A was added to the list of Texas Notifiable Conditions in April 2014.  
<sup>1</sup>Texas Department of State Health Services. "Emerging and Acute Infectious Disease Guidelines." January 2016. pp 223-227.  
<sup>2</sup>Wound includes: tissue, bone, abscess, or drainage.  
<sup>3</sup>Other includes: catheter tip.

### Healthcare Setting from which Case was Reported, (n=100)



### Previous Healthcare Setting from which Patient was Admitted/Transferred, (n=100)



ACH: Acute Care Hospital  
 IRF: Inpatient Rehabilitation Facility  
 LTAC: Long-Term Acute Care Hospital  
 SNF: Skilled Nursing Facility