

Cases, Rates* and Case Fatality of Meningococcal Disease by Age Group: Denver Metropolitan Area^ and Colorado, 2009

AGE GROUP (years)	Cases (Rates)				Deaths	
	EIP^ No.	(EIP Rate*)	State No.	(State rate*)	State No.	(% of cases)
<1	0	0	0	0	0	0
1	1	(0.9)	1	(0.5)	1	(100.0)
2-4	1	(0.3)	1	(0.1)	0	0
5-17	1	(0.3)	3	(0.4)	0	0
18-34	1	(0.3)	4	(0.6)	1	(25.0)
35-49	4	(0.7)	5	(0.4)	0	0
50-64	3	(0.6)	6	(0.6)	1	(16.7)
65+	1	(0.4)	4	(0.8)	0	0
Total	12	(0.5)	24	(0.5)	3	(12.5)

**Rates are per 100,000 population and based upon 2009-based population estimates, State Demography Office - DOLA*

^Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties

**Rates of Meningococcal Disease by County:
Denver Metropolitan Area[^], 2009**

<i>COUNTY OF RESIDENCE</i>	Cases	
	No.	(Rate*)
ADAMS	2	(0.5)
ARAPAHOE	3	(0.5)
DENVER	5	(0.8)
DOUGLAS	1	(0.3)
JEFFERSON	1	(0.2)

**Rates are per 100,000 population and based upon 2009-based population estimates, State Demography Office - DOLA*

[^]Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties

**Sterile Sites from which *Neisseria meningitidis* was Isolated:
Denver Metropolitan Area[^], 2009**

<i>SITE OF ISOLATION</i>	No.*	(% of cases)
Blood	10	(83.3)
CSF	4	(33.3)

**NM was isolated from one sterile site in 10 cases and multiple sterile sites in 2 cases (Total cases=12)*

NM was isolated only from blood in 8 cases (66.7%)

[^]Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties

Clinical Syndromes Associated with Meningococcal Disease: Denver Metropolitan Area[^], 2009

<i>CLINICAL SYNDROME</i>	No.*	(% of cases)
Bacteremia only	4	(33.3)
Meningitis	4	(33.3)
Bacteremic pneumonia	3	(25.0)
Other	1	(8.3)

**Some cases may have more than one syndrome (Total cases=12).*

[^]Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties

**Underlying Conditions Associated with Meningococcal Disease:
Denver Metropolitan Area[^], 2009**

<i>UNDERLYING CONDITION</i>	<i>No.*</i>	<i>(% of cases)</i>
Current Smoker	3	(25.0)
Diabetes	3	(25.0)
Alcohol Abuse	2	(16.6)
Obesity	2	(16.6)
Immunosuppressive Therapy	1	(8.3)
Systemic Lupus Erythematosus	1	(8.3)
Atherosclerotic Cardiovascular Disease	1	(8.3)

**4 cases had more than one underlying condition*

3 (25%) had no underlying conditions; 0 cases were unknown (Total cases=12)

[^]Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties

**Serogroup Distribution of Meningococcal Disease:
Colorado, 2009**

<i>Serogroup</i>	No.*	(% of isolates)
B	4	(16.6)
C	6	(25.0)
Y	12	(50.0)
W135	1	(4.1)
Not Groupable	1	(4.1)
Total	24	(100.0)

**Based upon CDPHE Lab testing of 24 isolates (Total cases=24)*