

**Rates* and Case Fatality Percents of Invasive Meningococcal Disease by
Age Group:
Denver Metropolitan Area^ and Colorado, 2008**

AGE GROUP (years)	Cases				Deaths	
	EIP^ No.	(EIP Rate*)	State No.	(State rate*)	State No.	(% of cases)
<=1	2	(2.7)	2	(1.4)	0	.
2-4	.	.	1	(0.5)	0	.
5-14	.	.	.	.	0	.
15-24	1	(0.3)	3	(0.4)	0	.
25-34	.	.	.	.	0	.
35-49	.	.	.	.	0	.
50-64	2	(0.5)	3	(0.3)	1	(33.3)
65+	4	(1.9)	7	(1.4)	1	(14.3)
Total	9	(0.4)	16	(0.3)	2	(12.5)

**Rates are per 100,000 population and based upon 2008-based population estimates, State Demography Office - DOLA
^Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties*

Rates of Invasive Meningococcal Disease by County: Denver Metropolitan Area[^], 2008

<i>COUNTY OF RESIDENCE</i>	<i>Cases</i>	
	<i>No.</i>	<i>(Rate*)</i>
ADAMS	.	.
ARAPAHOE	2	(0.4)
DENVER	2	(0.3)
DOUGLAS	1	(0.4)
JEFFERSON	4	(0.7)

**Rates are per 100,000 population and based upon 2008-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[^], 2008**

<i>SITE OF ISOLATION</i>	No.*	(% of cases)
Blood	6	(66.6)
CSF	2	(22.2)
Joint	1	(11.1)

****NM was isolated from one site in 9 cases and multiple sites in 0 cases (Total cases=9)***

NM was isolated only from blood in 6 cases (66.7%)

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

Clinical Syndromes Associated with Invasive Meningococcal Disease: Denver Metropolitan Area[^], 2008

<i>CLINICAL SYNDROME</i>	No.*	(% of cases)
Bacteremic pneumonia	4	(44.4)
Meningitis	2	(22.2)
Bacteremia only	1	(11.1)
Septic arthritis	1	(11.1)
Empyema	1	(11.1)

**Some cases may have more than one syndrome (Total cases=9)*

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

Underlying Conditions Associated with Invasive Meningococcal Disease: Denver Metropolitan Area[^], 2008

UNDERLYING CONDITION	No.*	(% of cases)
Heart Failure/CHF	2	(22.2)
Obesity	2	(22.2)
Other malignancy	2	(22.2)
Current Smoker	1	(11.1)
Asthma	1	(11.1)
Emphysema/COPD	1	(11.1)
Diabetes	1	(11.1)
HIV	1	(11.1)
Deaf/Hearing loss	1	(11.1)
Organ transplant	1	(11.1)

**3 case had more than one underlying condition*

4 (44.4%) had no underlying conditions; 0 cases were unknown (Total cases=9)

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

Invasive Meningococcal Disease Serogroups: Colorado, 2008

<i>Serogroup</i>	No.*	(% of isolates)
B	4	(25.0)
C	1	(6.2)
Y	8	(50.0)
W135	3	(18.7)
Total	16	(100.0)

**Based upon CDPHE Lab testing of 16 isolates (Total cases=16)*