

**Cases, Rates and Case Fatality of Invasive *Neisseria meningitidis* Disease
in Five-County Denver Metropolitan Area^ by Age Group, 2011**

Neisseria meningitidis	Cases (Rate)		Deaths	
	No.	(Rate)	No.	(% of cases)
Age Group (years)				
<1	2	(5.8)	0	.
1	.	.	0	.
2-4	.	.	0	.
5-17	.	.	0	.
18-34	.	.	0	.
35-49	.	.	0	.
50-64	.	.	0	.
65+	2	(0.7)	0	.
Total	4	(0.1)	0	.

*Rates are computed using 2011-based population estimates, State Demography Office - DOLA
^ Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties*

***Rates of Invasive Neisseria meningitidis Disease by County
Denver Metropolitan Area[^], 2011***

Neisseria meningitidis	Cases (Rate)	
	No.	(Rate)
ADAMS	2	(0.4)
ARAPAHOE	.	.
DENVER	2	(0.3)
DOUGLAS	.	.
JEFFERSON	.	.

***Rates are computed using 2011-based population estimates, State Demography Office - DOLA
[^] Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties***

***Sites from which Invasive Neisseria meningitidis was Isolated
Denver Metropolitan Area[^], 2011***

Site of Isolation	No.*	(% of cases)
CSF	3	(75.0)
Blood	2	(50.0)

****Not mutually exclusive; N. meningitidis was isolated from one site in 3 cases and multiple sites in 1 cases (Total cases=4)***

N. meningitidis was isolated only from blood in 1 cases (25%)

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

***Syndromes Associated with Invasive Neisseria meningitidis Disease, by Age Group
Denver Metropolitan Area[^], 2011***

Clinical Syndrome		No.*	(% of cases)
Age Group (years)			
<=17	Meningitis	2	(100.0)
50+	Meningitis	1	(50.0)
	Pneumonia	1	(50.0)

** Some cases had more than one syndrome*

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

***Underlying Conditions Associated with Invasive Neisseria meningitidis Disease
Denver Metropolitan Area[^], 2011***

Underlying Condition		No.*	(% of cases)
Age Group (years)			
<=17	None	2	(100.0)
50+	Current smoker	2	(100.0)
	Diabetes	1	(50.0)
	Emphysema/COPD	1	(50.0)

0% of cases in the <=17 age group and 100% of cases in the 50+ age group had >1 underlying condition

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

***Invasive Neisseria meningitidis Disease Serotypes
Denver Metropolitan Area[^], 2011***

Neisseria meningitidis	No.	(% of isolates)
Type		
Y	2	(50.0)
B	2	(50.0)
Total	4	(100.0)

***Based upon reference lab testing of 4 isolates (Total cases=4)
Testing performed by the Centers for Disease Control and Prevention, Atlanta, GA
[^]Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties***