

**Rates and Case Fatality Percents of Invasive Group B Streptococcal
Disease by Age Group:
Denver Metropolitan Area[^], 2002**

<i>AGE GROUP (years)</i>	<i>Cases</i>		<i>Deaths</i>	
	<i>No.</i>	<i>(Rate*)</i>	<i>No.</i>	<i>(% of cases)</i>
<=1	21	(30.2)	3	(14.2)
2-4	1	(1.0)	1	(100.0)
5-14	.	.	0	.
15-24	1	(0.3)	0	.
25-34	9	(2.5)	2	(22.2)
35-49	24	(4.4)	3	(12.5)
50-64	35	(10.4)	8	(22.8)
65+	30	(14.7)	3	(10.0)
Total	121	(5.5)	20	(16.5)

**Rates are computed using 2004-based population estimates, State Demography Office - DOLA
^Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties*

Rates of Invasive Group B Streptococcal Disease by County: Denver Metropolitan Area[^], 2002

<i>COUNTY OF RESIDENCE</i>	<i>Cases</i>	
	<i>No.</i>	<i>(Rate*)</i>
ADAMS	23	(6.1)
ARAPAHOE	21	(4.0)
DENVER	46	(8.2)
DOUGLAS	5	(2.3)
JEFFERSON	26	(4.8)

**Rates are computed using 2004-based population estimates, State Demography Office - DOLA
^Emerging Infections Program area: Adams, Arapahoe, Denver, Douglas, and Jefferson counties*

Sterile Sites from which Invasive group B streptococcus was Isolated: Denver Metropolitan Area[^], 2002

<i>SITE OF ISOLATION</i>	No.*	(% of cases)
Blood	101	(83.4)
Joint	11	(9.0)
Bone	11	(9.0)
Wound	5	(4.1)
CSF	2	(1.6)
Peritoneal fluid	1	(0.8)
Surgical specimen	1	(0.8)

****GBS was isolated from one site in 111 cases and multiple sites in 10 cases (Total cases=121)***

GBS was isolated only from blood in 92 cases (76%)

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

Syndromes Associated with Invasive Group B Streptococcal Disease: Denver Metropolitan Area[^], 2002

<i>CLINICAL SYNDROME</i>	No.*	(% of cases)
Bacteremia only	62	(51.2)
Cellulitis	18	(14.8)
Osteomyelitis	18	(14.8)
Septic arthritis	12	(9.9)
Bacteremic pneumonia	10	(8.2)
Meningitis	4	(3.3)
Abscess	2	(1.6)
Peritonitis	1	(0.8)

**Some cases had more than one syndrome (Total cases=121)*

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

Underlying Conditions Associated with Invasive Group B Streptococcal Disease: Denver Metropolitan Area[^], 2002

<i>UNDERLYING CONDITION</i>	No.*	(% of cases)
Diabetes	38	(31.4)
Alcohol Abuse	18	(14.8)
Atherosclerotic Cardiovascular Disease	17	(14.0)
Current Smoker	16	(13.2)
Heart Failure/CHF	11	(9.0)
Emphysema/COPD	9	(7.4)
Cirrhosis/Liver Failure	9	(7.4)
Renal Failure/Dialysis	8	(6.6)
Immunosuppressive Therapy	5	(4.1)
Cerebral Vascular Accident/Stroke	4	(3.3)
HIV	3	(2.4)
Intravenous Drug Use	3	(2.4)
Immunoglobulin Deficiency	1	(0.8)
Asthma	1	(0.8)
Nephrotic Syndrome	1	(0.8)
AIDS	1	(0.8)
Burns	1	(0.8)

**44 cases had more than one underlying condition*

0 (0%) had no underlying conditions; 31 cases were unknown (Total cases=121)

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

Invasive Group B Streptococcal Disease Serotypes: Denver Metropolitan Area[^], 2002

<i>Serotype</i>	No.*	(% of isolates)
V	25	(22.9)
IA/C	20	(18.3)
III	17	(15.5)
IB/C	10	(9.1)
IA	9	(8.2)
II	8	(7.3)
NT	8	(7.3)
II/C	5	(4.5)
NT/C	2	(1.8)
IV	2	(1.8)
IB	2	(1.8)
VIII	1	(0.9)
Total	109	(100.0)

**Based upon reference lab testing of 109 isolates (Total cases=121)*

Testing performed by the Centers for Disease Control and Prevention: Atlanta, GA

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