

NEW YORK CITY ANTIBIOGRAM

2017-2018 | INVASIVE *STREPTOCOCCUS PNEUMONIAE*

Class	Antimicrobial	Citywide		Bronx		Brooklyn		Manhattan		Queens	
		Percent Susceptible	# Isolates Identified	Percent Susceptible	# Isolates Identified	Percent Susceptible	# Isolates Identified	Percent Susceptible	# Isolates Identified	Percent Susceptible	# Isolates Identified
Beta-lactams	Amoxicillin	97	145	97	32	95	37	-	-	98	74
	Cefotaxime										
	Meningitis	94	203	-	-	94	117	-	-	96	50
	Non-Meningitis	98	133	-	-	98	113	-	-	-	-
	Ceftriaxone										
	Meningitis	96	823	99	226	92	199	94	146	98	206
	Non-Meningitis	99	333	99	178	99	74	99	67	-	-
	Penicillin										
	Oral	74	159	71	66	71	14	76	66	-	-
Parenteral											
Meningitis	76	864	74	216	74	221	74	152	83	224	
Non-Meningitis	99	292	99	140	99	93	100	37	-	-	
Fluoroquinolones	Levofloxacin	99	853	100	193	99	250	97	145	>99	216
	Moxifloxacin	100	189	100	43	100	70	-	-	100	50
Macrolides	Azithromycin	60	121	-	-	64	72	-	-	-	-
	Erythromycin	61	665	64	134	58	193	61	157	66	167
Other	Chloramphenicol	94	155	-	-	93	40	-	-	95	82
	Clindamycin	76	401	80	78	77	134	77	113	74	69
	Meropenem	94	275	-	-	93	67	-	-	94	144
	Tetracycline	74	349	72	46	73	123	77	88	75	89
	TMP SMX	83	542	86	188	87	158	85	103	69	80
	Vancomycin	>99	792	100	143	>99	257	100	144	100	200

KEY % Susceptible
≥90%
60-89%
<60%

NOTES

1. Data include antimicrobial susceptibility results for blood and cerebrospinal fluid specimens from adult and pediatric patients in NYC. Results are from 39 commercial and hospital labs that routinely report to the NYC DOHMH.
2. Antimicrobial susceptibility testing results were reported for isolates from 519 of 694 (74.8%) cases in 2017 and from 511 of 728 (70.2%) cases in 2018.
3. The number of isolates with available data varies with each antimicrobial; (-) denotes antimicrobial agent with insufficient data (<30 isolates tested for susceptibility).
4. Clinical and Laboratory Standards Institute (CLSI) performance standards for antimicrobial susceptibility testing were applied.
5. Percent susceptible for each organism/antimicrobial combination was generated by including the first episode of infection per patient per year.