



Invasive Meningococcal Disease: 2018

Los Angeles County Epidemiology Report

April 20, 2018



No new cases of invasive meningococcal disease (IMD) were reported this week in LAC. A total of 5 IMD cases have been documented in 2018 in LAC, including one fatality (Table 1). Four cases are serogroup C, the most recent case is serogroup Y. Two have been determined by molecular analysis to have been infected with the outbreak strain. The remaining are pending molecular typing results. Investigations of the cases to date have not identified risk factors for IMD. The regional outbreak due to serogroup C, occurring primarily among MSM*, has been ongoing since March 2016, and includes 40 cases from jurisdictions throughout southern California. No common social linkages among outbreak-associated cases in the region have been identified. The outbreak highlights the importance of observing meningococcal vaccination recommendations for certain high risk groups (see box). Providers should implement evidence-based practices to ensure completion of the 2-dose vaccination schedule for all HIV-infected persons.

*Men who have had intimate or sexual contact with another male.

Table 1. Characteristics of IMD Cases: Los Angeles County, 2017-2018

	Number of Cases	Demographics		MSM	Serogroups						Deaths
		Gender M/F	Median Age (Range)		B	C	Y	W	Non-Groupable	Not Typed	
2018 ¹	5	5/0	43 (24-70)	0	0	4	1	0	0	0	1
2017	10	5/5	25.5 (12-72)	2	7	3	0	0	0	0	2

¹ Count as of Friday 4/20/2018. Excludes reports from Long Beach and Pasadena. Totals are provisional and subject to change.

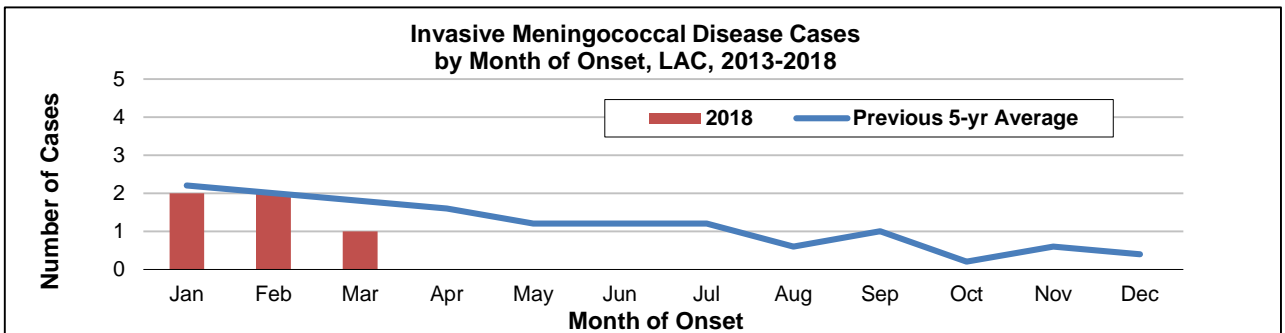


Table 2 . IMD Cases by Service Planning Area (SPA) Los Angeles County, 2017-2018

LOCATION	This Year ¹	2017
SPA 1: Antelope Valley	0	0
SPA 2: San Fernando	1	2
SPA 3: San Gabriel	1	0
SPA 4: Metro	0	1 ²
SPA 5: West	0	2
SPA 6: South	0	2
SPA 7: East	2	2
SPA 8: South Bay	1	1
TOTAL	5	10

¹ Count as of Friday, 4/20/2018. Excludes Long Beach and Pasadena. Totals are provisional and subject to change.

²Includes a case who traveled out of county during incubation period.

Recommendations and Resources

LACDPH recommends meningococcal conjugate vaccine be offered to:

- All MSM, regardless of HIV status;
- All HIV-infected persons.

Routine vaccination is recommended for all persons 11-12 years of age, with a booster dose at 16 years.

For IMD epidemiology reports and more information:

www.publichealth.lacounty.gov/acd/Mening.htm

For questions, please call:

Acute Communicable Disease Control (213) 240-7941

LACDPH continues to work with our community partners to provide updated information as it becomes available. If community groups are interested in a presentation about invasive meningococcal disease (IMD), please contact the Public Health Speaker's Bureau at:

www.publichealth.lacounty.gov/hea/speakers.htm