### Meningococcal disease is on the rise

# 422 cases reported in the United States in 2023—the highest annual number since 2014<sup>1</sup>

Cases are still rising in 2024



**increase** in meningococcal cases (204 cases in the first 18 weeks of 2024 vs 144 cases during the same time period in 2023)<sup>2\*</sup>

#### The CDC has issued a health advisory

regarding the current increase in meningococcal disease cases, driven by a specific meningococcal strain, sequence type (ST) 1466,† alerting healthcare providers to¹:



**Maintain a heightened suspicion** of uncommon but serious meningococcal disease due to the increased number of cases<sup>1,3</sup>



**Be aware** that patients may present without typical symptoms of meningitis<sup>1</sup>



**Ensure that everyone who is recommended** for meningococcal vaccination be up to date with vaccines<sup>1</sup>





## The recent rise in meningococcal disease is largely driven by serogroup Y, with most cases causing bloodstream infection

Meningococcal bloodstream infections (septicemia) can present without symptoms typical of meningitis such as headache and stiff neck1

Symptoms of meningococcal septicemia can include:



Fever and chills



**Fatique** 



Vomiting



Cold hands and feet



A dark purple rash (presents in later stages)



Rapid breathing



Typically, only 10% to 20% of meningococcal disease cases present with meningococcal septicemia, but:



Be on alert that your patients who engage in these common sharing behaviors may be at risk5:



Sharing drinks, food, vapes, or cosmetics



Kissing



Prolonged living in close quarters



Meningococcal disease can be unpredictable and affect anyone. While still uncommon, the number of reported cases are rising. Yet nearly 90% of older teens are not fully vaccinated against it.\* Make sure your eligible patients are vaccinated against all 5 leading meningococcal serogroups to help protect them against the rise in cases. 1,3,5-121

#### Visit HelpPreventMening5.com to learn more

\*Based on the 2022 National Immunization Survey of 13- to 17-year-olds in the United States, coverage rates among 17-year-olds for MenACWY was 90.7% for Dose 1 and 60.8% for Dose 2 (n=3019). For MenB coverage, 29.4% received Dose 1 and 11.9% received Dose 2 (n=3019). MenACWY >2 doses calculated only among adolescents aged 17 years at time of interview; does not include adolescents who received 1 MenACWY dose at age >16 years. 6 †Based on data in the CDC enhanced meningococcal surveillance reports from 2017 to 2022 for 16- to 23-year-olds. The number of cases for each serogroup were as follows: MenA=0: MenB=120: MenC=20: MenW=5: MenY=9: other/unknown=31: and non-groupable=49.7-12

References: 1. Health Alert Network (HAN), Increase in invasive serogroup Y meningococcal disease in the United States, Centers for Disease Control and Prevention, Published March 28, 2024, Accessed June 24, 2024. https://emergency.cdc.gov/han/2024/han00505.asp 2. Data on file. Meningococcal weekly cases 2024 Week 18—Jun 2024. Pfizer Inc., New York, NY. 3. Meningococcal vaccination for preteens and teens: information for parents. Centers for Disease Control and Prevention. Last reviewed November 20, 2023. Accessed July 16, 2024. https://www.cdc.gov/vaccines/vpd/mening/public/adolescent-vaccine.html 4. Dretler AW, Rouphael NG, Stephens DS. Progress toward the global control of Neisseria meningitidis: 21st century vaccines, current guidelines, and challenges for future vaccine development. Hum Vaccin Immunother, 2018;14(5):1146-1160. 5. About meningococcal disease. Centers for Disease Control and Prevention. Last reviewed February 8, 2024. Accessed June 24, 2024. https://www.cdc.gov/meningococcal/ about/index.html 6. Pingali C, Yankey D, Elam-Evans LD, et al. Vaccination coverage among adolescents aged 13-17 years—National Immunization Survey-Teen, United States, 2022. MMWR Morb Mortal Wkly Rep. 2023;72(34):912-919. 7. Enhanced meningococcal disease surveillance report, 2017. Centers for Disease Control and Prevention. Accessed June 4, 2024. https://stacks.cdc.gov/view/cdc/75419 8. Enhanced meningococcal disease surveillance report, 2018. Centers for Disease Control and Prevention. Accessed June 4, 2024. https://stacks.cdc.gov/view/cdc/111348 9. Enhanced meningococcal disease surveillance report, 2019. Centers for Disease Control and Prevention. Accessed October 27, 2023. https://www.cdc.gov/meningococcal/downloads/ncird-ems-report-2019.pdf 10. Enhanced meningococcal disease surveillance report, 2020. Centers for Disease Control and Prevention. Accessed October 27, 2023. https://www.cdc.gov/meningococcal/downloads/ncird-ems-report-2020.pdf 11. Enhanced meningococcal disease surveillance report, 2021. Centers for Disease Control and Prevention. Accessed October 27, 2023. https://www.cdc.gov/meningococcal/downloads/ncird-ems-report-2021.pdf 12. Enhanced meningococcal disease surveillance report, 2022. Centers for Disease Control and Prevention. Accessed May 6, 2024. https://www.cdc.gov/meningococcal/downloads/ncird-ems-report-2022-508.pdf