Meningococcal Data Dashboard

MD2 — User Guide

US State & Territory Disease Surveillance and Policy Tracker

What is the MD2 Dashboard?

The Meningococcal Data Dashboard (MD2) is an interactive, publicly available tool developed by MeningitisAwareness.org. It brings together open-access surveillance and policy data on meningococcal disease across all 50 US states, the District of Columbia, and US territories — presented in one place for easy exploration and analysis.

MD2 is designed for:

- **Policymakers & Officials** — Policymakers and public health officials reviewing vaccination requirements
- **Healthcare Professionals** — Physicians and healthcare providers tracking disease trends and coverage gaps
- **Advocates & Researchers** — Advocates and researchers comparing state-level policy and access data
- **General Public** — Community members seeking to understand meningococcal risk in their state

Getting Started

The dashboard opens on the Overview tab. Use the navigation bar at the top of the page to move between the seven sections. No login or software installation is required — the dashboard runs entirely in your web browser.

Navigation tips:

- Click any tab in the top navigation bar to switch sections.
- Hover over any chart element, map state, or table row for a detailed tooltip.
- Use the search and filter controls within each tab to narrow results.
- Click column headers in tables to sort data.

Dashboard Sections at a Glance

TAB 1 Overview	Summary KPI cards, top-reporting states bar chart, a 2025 vs 2026 case comparison, and policy donut charts showing school vaccination requirements, recommendations, and college MenACWY mandates.
TAB 2 Case Map	Interactive US choropleth map. Toggle between five data layers: YTD Cases 2026, YTD Cases 2025, School Vaccination Requirement, College MenACWY Requirement, and MenB College Requirements. Hover states for details, or click Full Screen for an expanded view.

TAB 3 Vaccination Policy	State-by-state breakdown of vaccination recommendations, school entry requirements, and legal exemption types. Includes a filterable policy table and exemption summary charts.
TAB 4 Vaccination Coverage	MenACWY coverage rates by state (13–17 year age group, 2024 CDC data). Includes top and bottom 15 states, an age-group comparison chart (13–15 vs 13–17 yrs), and a full sortable coverage table.
TAB 5 Access & Equity	Explores healthcare access indicators by state: pharmacist location quotients, medically underserved area (MUA) designations, family medicine physician density, and scatter plots correlating coverage with access metrics.
TAB 6 College Requirements	State-level college MenACWY mandates and individual university MenB requirements. Includes a searchable table of all colleges with MenB requirements.
TAB 7 Full Data Table	Complete dataset with all available fields for every state and territory. Sortable and searchable. Use the Export to Excel button to download the full dataset.

Key Features

Full Screen Map	Click the Full Screen button on the Case Map tab to expand the map to fill your entire screen. Layer toggle buttons and the legend remain accessible. Press Escape or click Exit Full Screen to return.
Export to Excel	Each section includes an Export to Excel button. Click it to download a formatted spreadsheet of the data visible in that section — ideal for offline analysis or reporting.
Social Sharing	Use the Share Dashboard button in the header or the social share buttons above the footer to share MD2 on X, Facebook, LinkedIn, or Instagram. Platform-specific post text is automatically generated — hover each button to preview before sharing.
Search & Filter	Most data tables include a search box and sort dropdown. Type a state name to filter instantly, or select a sort option to rank results by any column.

Data Sources

MD2 draws on the following publicly available datasets (data as of March 5, 2026):

- CDC Meningococcal Disease Weekly Surveillance Reports (YTD 2025 & 2026)
- CDC National Immunization Survey – Teen (NIS-Teen), 2024 MenACWY Coverage
- Immunize.org State Vaccination Policy Database (MenACWY school & college requirements)
- US Bureau of Labor Statistics (BLS) OES 2024 – Pharmacist Location Quotients
- HRSA Medically Underserved Area (MUA) Designations
- AAFP / State Health Data – Family Medicine Physicians per 100,000 (2023)