

Geographic Proximity to Emergency Department (ED) and ED Encounters for Firearm, Mississippi 2025

--- Findings from an MS-AVERT Proximity Analysis

✚ ED facility

0 - 15 minutes drive

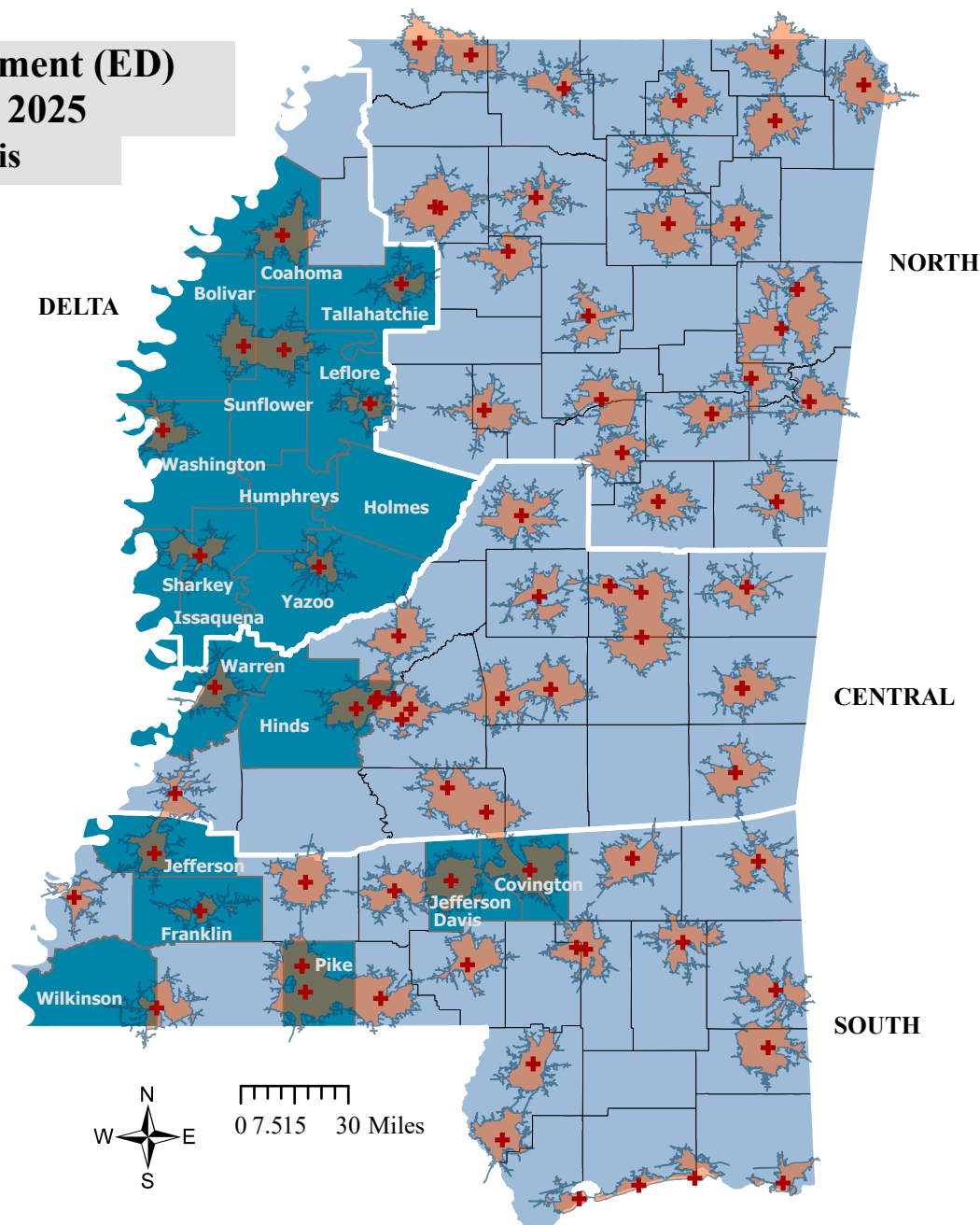
Firearm-related ED Encounter Rates per
100,000 population

0 - 131 [Bottom 3 quartiles]

132 - 456 [Top quartile]

MS-AVERT uses ED encounters data from the NSSP ESSENCE platform. As of June 2026, among Mississippi's **85** licensed ED facilities, **65** were active, **14** were onboarding, **5** were inactive, and **1** was not planned for participation in NSSP.

Approximately **49.9%** of Mississippi population lives within a 15 minute drive from an licensed ED facility in Mississippi.



Author: Zhou Fang, PhD, Research/Data Analyst, Mississippi State Department of Health, July, 2026.

Data Source: CDC National Syndromic Surveillance Program (NSSP) for ED facility; Mississippi Advancing Violence Epidemiology in Real-Time (MS-AVERT) program for 2025 encounter data; US Census Bureau 2025 Census Block Group geographic boundaries and 2020-2024 ACS 5-year estimates for population data.