

Oral Health Quality Indicators for the Maternal and Child Health Population

The Consortium for Oral Health Systems Integration and Improvement (COHSII) identified a set of maternal and child health (MCH) quality indicators to monitor oral health services delivered in public health programs and systems of care. Learn more at <https://www.mchoralhealth.org/cohsii/quality.php>.

Set of Indicators: Women of Child-Bearing Age and Pregnant Women

Indicators Based on Survey Data

- W1. Percentage of pregnant women reporting difficulty getting dental care (data source: Pregnancy Risk Assessment Monitoring System)
- W2. Percentage of pregnant women who had insurance to cover dental care during pregnancy (data source: Pregnancy Risk Assessment Monitoring System)
- W3. Percentage of pregnant women who reported having their teeth cleaned by a dentist or dental hygienist during pregnancy (data source: Pregnancy Risk Assessment Monitoring System)
- W4. Percentage of women of child-bearing age (18–44 years) who report having a visit to a dentist or dental clinic in the past year (data source: Behavioral Risk Factor Surveillance System)
- W5. Percentage of pregnant women reporting that they needed to see a dentist for a problem during pregnancy (data source: Pregnancy Risk Assessment Monitoring System)

Indicators Based on Claims and Enrollment Data

- W6. Percentage of enrolled persons with live-birth deliveries in the reporting year who received a comprehensive or periodic oral evaluation during pregnancy (data source: enrollment and claims)*
- W7. Percentage of enrolled persons with live-birth deliveries in the reporting year who received at least one dental service during pregnancy (data source: enrollment and claims)*

Set of Indicators: Children

Indicators Based on Claims and Enrollment Data

- C1. Dentists who actively participate in Medicaid per 1,000 EPSDT-eligible enrolled children (data source: Medicaid enrollment and claims)
- C2. Percentage of children who had a dental visit in the past 12 months (data source: Medicaid enrollment and claims)*
- C3. Percentage of children receiving preventive dental or oral health services (data source: enrollment and claims)*
- C4/C5.† Percentage of children receiving at least two topical fluoride applications as a dental or oral health service (data source: enrollment and claims)*

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- C6. Percentage of enrolled children who have ever received sealants on permanent first molar teeth by the 10th birthdate (data source: enrollment and claims)*
- C7. Percentage of enrolled children who have ever received sealants on permanent second molar teeth by the 15th birthdate (data source: enrollment and claims)*

Indicators Based on Survey Data

- C8. Percentage of kindergarten children with dental caries experience (treated or untreated tooth decay) (data source: Basic Screening Survey)
- C9. Percentage of third grade children with dental caries experience (treated or untreated tooth decay) (data source: Basic Screening Survey)
- C10. Percentage of kindergarten children with urgent dental treatment needs (data source: Basic Screening Survey)
- C11. Percentage of third grade children with urgent dental treatment needs (data source: Basic Screening Survey)

† In 2021, C4 and C5 were combined into one indicator by the developer and steward, the Dental Quality Alliance.

* Developer and steward: Dental Quality Alliance

About COHSII

COHSII serves as a center of excellence in oral health technical assistance and training and resource development for the public health community. The consortium is led by the National Maternal and Child Oral Health Resource Center working in collaboration with the Association of State and Territorial Dental Directors and the Dental Quality Alliance. The purpose of the project is to expand access to integrated preventive oral health care for the MCH population, particularly in safety net sites. The project continues and expands activities of COHSII 2017–2021, providing services to state Title V (MCH) programs, state oral health programs, community-based programs, and professionals working in or with state Title V (MCH) programs.

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