



for Children's Vision & Eye Health

AT PREVENT BLINDNESS

Public Health System Driver Diagram to Increase Detection and Diagnosis of Vision Impairment in Children Aged 5 Years and Younger

AIM

By 2018, increase by 20% over 2011-2012 levels the proportion of children aged 5 years and younger who receive vision screening and diagnosis in 5 states according to the National Survey of Children's Health measure.

Goals

- Strengthen statewide partnerships and coordination among key stakeholders in children's vision and eye health
- Increase access to and utilization of vision health services in hard to reach communities
- Increase early detection and treatment of vision problems
- Establish state-level surveillance
- Implement vision health system measures of accountability

PRIMARY DRIVERS

Families and professionals* understand and endorse the importance and urgency of vision in child development

Broad Access to Preventive Care and Treatment

Infrastructure and capacity supports optimal outcomes

Data Monitoring and Population-level Surveillance

SECONDARY DRIVERS

Patient, Population, Provider Knowledge

- Increase knowledge of role of vision in overall child development
- Outreach to high-risk and underserved groups
- Professionals in key stakeholder groups have the knowledge necessary to address vision health as a population health issue
- Engage families and caregivers regarding importance of vision health and support their adoption of these behaviors

Diverse Care Settings, Affordability

- Expand awareness and use of insurance coverage for vision services
- Increase diversity of professionals providing evidence-based vision screening methodology
- Increase and strengthen publicly funded vision coverage
- Increase proportion of primary care and public health settings that include an integrated vision health program

Professional Education, Partnerships, Planning

- Integrate vision health education and OD/MD students into clinic settings with primary care and allied-health professionals
- Primary care providers and other stakeholder groups have the skills to support a comprehensive vision system including: vision assessments, screenings, prevention, eye health education, referral and follow-up
- Increase stakeholder engagement and skill building to ensure capacity and improve vision health outcomes
- Establish capacity at the primary care and public health levels to collect vision data (including screening through treatment outcome data) in a secure data collection system
- Implement comprehensive systems and policies that lead to improvements in children's vision health

Surveillance, Analysis, Feedback

- Identify high-risk populations with comorbidities
- Identify risk and protective factors at the individual, family, school, and community levels
- Integrate uniform vision screening and outcome data collection standards
- Track population-level vision health status

* The term "professions" is inclusive of pediatric and allied health, public health, early education, childcare, early intervention, nursing, and state administrative professions.