

Abstract - Ohio Best Evidence for Advancing Childhealth in Ohio NOW (BEACON)

The Aim of the Ohio **B**est **E**vidence for **A**dvancing **C**hildhealth in **O**hio **N**OW (**BEACON**) initiative is to achieve transformational change in health outcomes for children enrolled in Medicaid/CHIP by improving the quality of their healthcare. Through the systematic and reliable application of established improvement science methods and by building strong partnerships with key stakeholders, Ohio's statewide collaboration will achieve unprecedented best-in-nation results for birth and developmental/behavioral health outcomes and safe hospital care for children. Simultaneously, BEACON will establish a sustainable infrastructure for improvement capability. We address Categories A, B, C, and E:

A – Experiment With and Evaluate use of Newly Developed and Evidence-Based Measures of the Quality of Children's Healthcare. Implement a statewide, sustainable performance measurement system that uses the core measurement set to provide timely, relevant, reliable, valid, and actionable information to continuously improve the quality of care provided to Ohio's children enrolled in Medicaid/CHIP

B - Promote the Use of Health Information Technology in Children's Healthcare Delivery. Enhance the capacity of Ohio's Medicaid program to measure the performance of its healthcare delivery systems for children; and provide a platform for a collaborative and sustainable central repository of information and intelligence for research, data-driven decision making, and improvement. This will link Medicaid, public health, and hospital data for children to inform the Category A, C, and E projects.

C - Evaluate Provider-Based Models that Improve the Delivery of Children's Healthcare. Utilize two existing collaborative provider-based models to accelerate the spread and transformation of safe and reliable hospital care by all hospitals providing care for children in Ohio: (1) The Solutions for Patient Safety project aims to eliminate all preventable harm for children cared for in Ohio hospitals, with an initial focus on reducing all serious safety events by 75% during the five years of the grant, and (2) The Ohio Perinatal Quality Collaborative aims to measurably improve perinatal outcomes and health by reducing premature births and infant mortality, especially among minority populations, with an initial focus on reducing all scheduled premature deliveries without medical indication throughout all hospitals in Ohio and hospital-acquired bloodstream infections for all preterm infants by at least 50%.

E – Enhance EPSDT and the Developmental/Behavioral Healthcare Systems' Delivery, Coordination, Quality and Access. Measurably improve outcomes for children by supporting the appropriate identification, assessment, referral and treatment of children with developmental and behavioral health concerns through the establishment of the Ohio Pediatric/Psychiatry Decision Support Network; utilize improvement science to create a system for reliable and appropriate use of atypical antipsychotics in 90% of youth, and ensure that 85% of young children receive structured developmental screening and appropriate referral at EPSDT examinations.

Ohio BEACON therefore requests \$14,981,171 over 5 years to create a critical, robust, and sustainable state system for quality improvement that transforms child healthcare in Ohio. By building strong infrastructure (categories A, B) and addressing critical needs in child health (categories C, E), Ohio will both markedly improve health care now and establish a sustainable foundation for future improvements. This state model of collaboration and quality can serve as a BEACON for the nation.