



NEWBORN SCREENING

ENSURING THE US REMAINS THE WORLD LEADER IN NEWBORN SCREENING

NEWBORN SCREENING OVERVIEW

Newborn screening (NBS) is a lifesaving state public health program that identifies time-sensitive heritable conditions that are treatable when detected early. The roughly four million babies born in the US each year receive NBS, and all screening is performed in a state public health laboratory or a laboratory under state public health laboratory oversight. The process includes:



SAMPLE COLLECTION



INITIAL SCREENING



RESULT REPORTING



CONFIRMATORY TESTING



MEDICAL INTERVENTION

NEWBORN SCREENING SAVES LIVES REAUTHORIZATION ACT (HR 482 & S 350)

The 2008 Newborn Screening Saves Lives Act allowed great strides to be made in harmonizing and standardizing NBS programs across the nation. Reauthorization will further the lifesaving work of these programs and the federal agencies that serve newborns and their families.

	CURRENTLY FUNDED ACTIVITIES	FY23 FUNDING REQUESTS	INCREASED FUNDING WILL SAVE MORE LIVES BY:
CDC NBS QUALITY ASSURANCE PROGRAM	<ul style="list-style-type: none"> Education: Provides technical assistance on new technologies, methodologies and disorders to state programs and healthcare professionals. Quality Assurance: Provides proficiency testing and quality control materials for NBS laboratories. Test Development: Develops tests that can screen for multiple disorders, expanding laboratory testing capabilities. 	<p>FY 2023 \$30 MILLION (necessary)</p> <p>FY 2022 \$19 MILLION</p>	<ul style="list-style-type: none"> Accelerating Test Development and Expanding Screening Panels: Increasing the number and speed of new disorder implementations, allowing more access to recommended screenings. Replacing Antiquated Data Platforms: Innovating data collection and bioinformatics applications for more effective data analysis and disease detection. Ensuring Emergency Preparedness: Testing continues despite emergencies or disasters under a model national emergency contingency plan.
HRSA HERITABLE DISORDERS	<ul style="list-style-type: none"> Screening Expansion: Provides funding for 30% of states to start testing for new disorders. Turn-around Time Reduction: Decreases reporting time through an assessment tool that states utilize to meet federal timeliness goals. Information Sharing: Supports an information repository hub that NBS programs nationwide use to improve their systems. Quality Improvement: Increases efficiency across the NBS system via quality improvement training and resource sharing. 	<p>FY 2023 \$32 MILLION (necessary)</p> <p>FY 2022 \$19.9 MILLION</p>	<ul style="list-style-type: none"> Enhancing Screening for New Disorders: Funding the remaining 70% of states to scale up their infrastructure (instrumentation, workforce, supplies, big data) and interoperability, allowing new conditions to be more rapidly implemented across the US. Providing Robust, Integrated Follow-Up Programs: Ensuring an equitable, integrated system for follow-up will support families and children beyond screening and referral.



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