

CDC's National Center on Birth Defects and Developmental Disabilities

MASSACHUSETTS



Improving Health Together through direct funding and national efforts



It is important to ensure babies are born healthy, children reach their full potential, and everyone thrives in Massachusetts. CDC's National Center on Birth Defects and Developmental Disabilities (NCBDDD) is committed to supporting Massachusetts in its efforts to achieve this vision and here is how.



SAVING BABIES

through birth defects prevention and research

Birth defects impact nearly 1 in 33 babies born each year. NCBDDD leads efforts to understand the impact of substance use during pregnancy on the baby. NCBDDD is on the front lines of exploring potential birth defects and long-term developmental challenges faced by babies exposed to opioids during pregnancy and born with neonatal abstinence syndrome.

NCBDDD supports the Massachusetts Center for Birth Defects Research and Prevention, which studies environmental, genetic, and behavioral factors that might cause birth defects.



HELPING CHILDREN

live to the fullest by understanding developmental disabilities

NCBDDD is committed to tracking, researching, and providing useful tools and information on developmental disabilities. NCBDDD's **Learn the Signs. Act Early.** program collaborates with partners throughout

FAST FACTS:

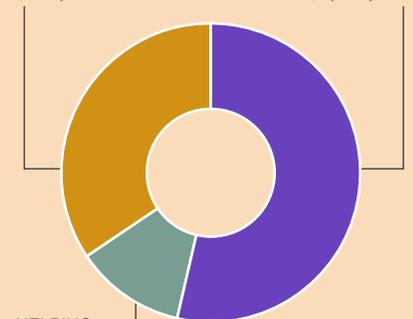
NCBDDD direct funding
in Massachusetts for
fiscal year 2017

\$2.1 million

Funding Investment

IMPROVING
HEALTH
\$734,588

SAVING
BABIES
\$1,150,000



HELPING
CHILDREN
\$250,000



Massachusetts to promote developmental monitoring, identify children with developmental delays, and connect those families with appropriate services.

The most recent data show that 8.8% of U.S. children and 9.6% of children in Massachusetts have a current diagnosis of attention-deficit/hyperactivity disorder, as reported by parents. NCBDDD supports the development of state policies and programs that make it easier for these children to receive behavior therapy.

NCBDDD's **Early Hearing Detection and Intervention** program in Massachusetts successfully tested 99.2% (71,873) of newborn babies for hearing loss and identified 177 babies who were deaf or hard of hearing. These babies and their families will benefit from services that will keep their learning on par with their hearing peers.



PROTECTING PEOPLE and preventing complications of blood disorders

NCBDDD's work to protect the people of Massachusetts from complications of blood disorders is broad-ranging. It includes understanding preventable blood transfusion complications; developing, implementing, and evaluating programs that help consumers and healthcare providers get critical information on preventing complications of blood disorders; and supporting best practices for blood clot prevention.

NCBDDD also supports four hemophilia treatment centers in Massachusetts through a national program. Hemophilia treatment centers are specialized healthcare centers that provide comprehensive care for patients with hemophilia.



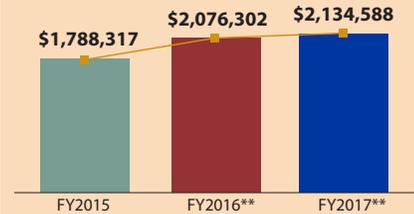
IMPROVING HEALTH of people with disabilities

More than 1 in 5 (22%) of American adults live with a disability. As reported in CDC's **Disability and Health Data System**, 22.5% of adults in Massachusetts live with a disability. Healthcare expenditures related to disability cost Massachusetts \$11.7 billion per year and account for 28% of total healthcare expenditures for Massachusetts.*

Programs funded by NCBDDD are being designed and implemented to improve the health of people with disabilities in Massachusetts, such as the Massachusetts Health and Disability Partnership (MHDP). MHDP is a robust statewide coalition of stakeholders committed to improving the health of people with disabilities across the Commonwealth by assessing disability-related training needs in healthcare providers, providing input on regulations for licensing healthcare facilities, and collaborating with the **Massachusetts Health and Disability Program** to deliver evidence-based diabetes-related programs to veterans with mobility limitations.

* Disability-associated healthcare expenditures are presented in 2006 dollars as reported in Anderson WL, et al. Estimates of state-level health-care expenditures associated with disability. Public Health Rep. 2010 Jan-Feb;125(1);44-51.

Annual Program Funding*



NCBDDD is directly funding

- Massachusetts Department of Public Health
(\$1,824,588)
- Boston University Medical Campus
(\$310,000)

* More information about NCBDDD and our support in Massachusetts is available at www.cdc.gov/ncbddd/aboutus/report/index.html

** Zika supplement

“We have accomplished a lot together, but there is more work to be done.”

Coleen A. Boyle,
PhD, MSHyg