



## Friends of NCBDDD

In Support of the National Center on Birth Defects and Developmental Disabilities

### NCBDDD at CDC – Facts and Figures

NCBDDD can provide program performance data and social determinants of illness and disability data upon request. Some of these essential data are provided below.

#### Assuring Child Health

##### *Health Impact*

- Birth defects are a leading cause of death in the first year of life and can result in lifelong disability.
- Congenital heart defects occur in 1% of all births and are the leading cause of death attributable to birth defects.
- NCBDDD data indicate that about 1 in 110 children in the US have an autism spectrum disorder (ASD).

##### *Economic Impact*

- Birth defects have accounted for more than 139,000 hospital stays during a single year, resulting in \$2.6 billion in hospital costs.
- Medical costs associated with congenital heart defects are substantial. \$1.2 billion is the estimated lifetime cost for US children born in a single year with one of four major heart defects.
- Recent studies have estimated that the lifetime cost to care for an individual with an ASD is \$1-3 million.

#### Improving the Health of People with Disabilities

##### *Health Impact*

- More than 50 million Americans —about 1 in 5— report having some level of disability.
- Obesity rates for children and adults with disabilities are 38 percent and 57 percent higher than rates for children and adults without disabilities.
- About 40% of adults with a disability rated their own health as fair or poor compared to only about 10% of adults without a disability.
- Smoking rates for people with disabilities are about 62% higher than for people without disabilities.

##### *Economic Impact*

- A 2009 study co-authored by CDC researchers found that almost 27% of US adult health care spending was associated with disability, amounting to \$397.8 billion in 2006 alone.
- People with disabilities are 2.5 times more likely than people without disabilities to report not getting the medical care they needed because of cost.

## Protecting the Health of People with Blood Disorders

### *Health Impact*

- Deep Vein Thrombosis (DVT) affects about 2.5 million U.S. adults. Pulmonary embolism (PE) is known as the silent killer with sudden death occurring in about one-quarter of people who have a PE. New DVT/PE events occur in 350,000 to 600,000 people each year, at least 100,000 of whom die. Risk factors for DVT/PE include: obesity, immobility, recent hospitalization, and history of inherited clotting disorders.
- Von Willebrand Disease (VWD) affects up to 1 million Americans, in particular women. Because it is typically not diagnosed, VWD can result in ongoing problems and often costly and inappropriate treatment, such as unnecessary hysterectomies.
- People with Sickle Cell Disease (SCD) are estimated to have a life expectancy that is 30 years shorter than the average American.

### *Economic Impact*

- Blood disorders impose high costs on the U.S. health care system, including up to \$10 billion per year from DVT/PE.
- SCD affects about 100,000 people in the US and health care costs exceed \$1 billion per year.
- Hemophilia, directly affects perhaps 20,000 people, with an average cost of care of over \$100,000 per year, and a total impact on the health care system in excess of \$3 billion per year.

### **Friends of NCBDDD Advocacy Coalition Contacts:**

Clarke Ross, D.P.A., Policy in Context Consulting, [clarkeross10@comcast.net](mailto:clarkeross10@comcast.net), 410-451-4295  
Emil Wigode, Director, Federal Affairs; March of Dimes; [ewigode@marchofdimes.com](mailto:ewigode@marchofdimes.com), 202-659-1800