



According to the Centers for Disease Control (CDC), more than 5.3 million Americans live with a disability as result of a traumatic brain injury (TBI)

Based on US Census numbers and CDC estimates of prevalence

- **28,000** Virginians sustain a traumatic brain injury this year (a number which does not include veterans, who are counted through other surveillance mechanisms)
- Nearly **220,000** Virginians will experience a stroke this year.
- More than **168,000** Virginians are disabled as a result of a TBI (Weldon Cooper Center, 2016; CDC, 2016)
- More than **98,000** Virginians are disabled as a result of a stroke and living in the community (Weldon Cooper Center, 2016; CDC, 2016)

STATE AGENCY DATA

Department for Aging and Rehabilitative Services (2016)

- More than **4,270 people received direct services** through 9 state funded brain injury programs in FY16; **200 people were on their wait lists** during FY 2016.
- The Brain Injury Direct Services Fund used **\$101,770** to provide **goods/services to more than 250** individuals.

Department of Behavioral Health and Developmental Services (2015)

- **32 individuals** with a diagnosis of acquired brain injury received treatment at DBHDS managed facilities in FY 2015 for a **total of 7,838 inpatient days** at a **total cost of \$3,275,810**.
- The specific number of individuals served by Virginia's Community Services Boards with both acquired brain injury and behavioral/mental health issues is **unknown**.

Department of Health (2012)

Between 2000 and 2009:

- There were **11,803 TBI deaths** and **39,846 hospitalizations**
- The average length of stay for a TBI injury was **3 days**.
- Virginians were billed more than **\$1.25 billion** in total costs related to TBI hospitalizations, with a **median charge of \$16,137 per episode** of care.

Department of Medical Assistance Services (2015)

In the report *Access to Neurobehavioral Services in Virginia*, completed by researchers at James Madison University, and compiled from a Freedom of Information Act request for DMAS data:

- There was a **394% increase** in Nursing Facilities admissions from 2011-2014
- More than **1,000** Virginians with brain injury live in nursing facilities without a means to transition into the community because of the lack of brain injury waiver
- Between 2010 and 2014, an average of **58** people were **sent to an out of state facility annually** to receive neurobehavioral treatment, at an average cost of **\$594 per day**, about **4 times the cost of in-state care**.

If current expenditure trends continue, in FY 17, the Commonwealth will spend more than \$10,000,000 on brain injury services with no coordinated plan in place

Possible Consequences of Brain Injury

Since the brain controls our physical, cognitive, and emotional abilities, any or all of the following may occur:

- **Physical changes:** Seizures, headaches, fatigue, weakness, paralysis, sleep disorder, balance and dizziness
- **Cognitive changes:** Impaired reasoning or memory, judgment, decision making, following directions, difficulty with reading and writing, and organizational skills
- **Emotional changes:** Sadness, poor self control, impulsivity, low self-esteem, decreased understanding of social rules, difficulty initiating an activity, and low frustration tolerance

STATE FUNDED BRAIN INJURY PROGRAMS IN VIRGINIA

RESOURCE COORDINATION: Provides assistance to persons with brain injury, family caregivers and professionals through information /resources, consultation and technical assistance services; education, training, outreach and public awareness activities; and advocacy work that builds and enhances systems of care for people with brain injury, and creates better informed and more engaged self-advocates.

There is one Resource Coordination Program:

Brain Injury Association of Virginia

CASE MANAGEMENT: Links individuals and their families to services and supports that are essential to meeting their basic needs.

There are 6 Brain Injury Case Management Programs:

1. Brain Injury Services (Northern VA)
2. Brain Injury Services of Southwest Virginia (Southwest VA)
3. Community Brain Injury Services (Richmond)
4. Crossroads to Brain Injury Recovery (Central Shenandoah Valley)
5. Virginia Supportive Housing (Richmond)
6. The Bridge Line (Charlottesville)

COMMUNITY BASED TRANSITIONAL DAY PROGRAMS: Encourage community re-entry, the rebuilding of social relationships and the development of skills required to return to productive activity, safe and independent living, and fuller community inclusion.

There are 5 Brain Injury Clubhouse Programs:

1. ADAPT Clubhouse (Northern VA)
2. Denbigh House (Newport News)
3. Beacon House (VA Beach)
4. Mill House (Richmond)
5. BridgeLine Place (Charlottesville)

There are 2 Day Programs:

No Limits (Eastern Shore)
Westwood (Fredericksburg)



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