

# PREVALENCE OF NEURODIVERGENCE IN SOUTH CAROLINA & NORTH CAROLINA

## SOUTH CAROLINA

- Adults aged 18-65: 3,109,233 <sup>1</sup>
- Adults with a disability: 1 in 3 (1,304,480) <sup>3</sup>
- Cost per individual with disability: \$13,807/year <sup>3</sup>

### Children:

- 1 in 28 children born in 2004 have ASD. <sup>5</sup> This is 36.4% higher than the prevalence of ASD in the US (1 in 44 as of 2018). These individuals are 18 and entering the workforce now!

## NORTH CAROLINA

- Adults aged 18-65: 6,457,312 <sup>2</sup>
- Adults with a disability: 1 in 4 (2,198,903) <sup>4</sup>
- Cost per individual with disability: \$15,230/year <sup>4</sup>

## IMPACTS OF NEURODIVERGENCE ON EMPLOYMENT

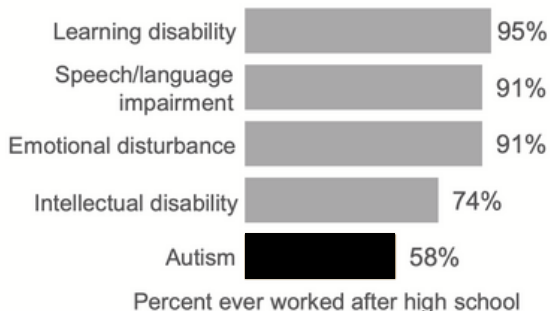
Unemployment rates only consider individuals who are ready to work and currently seeking employment.

Many Americans with ASD become discouraged after several failed employment attempts, and are therefore excluded from these statistics.

Unemployment rates:

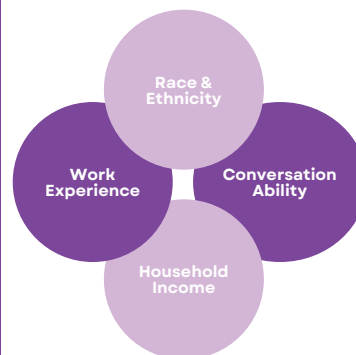
- Americans: 3.5% <sup>7</sup>
- Americans with disabilities: 10.5% <sup>8</sup>
- Americans with intellectual disabilities without autism: 21% <sup>8</sup>

In their early 20s, young adults with autism had far lower rates of employment than their peers. <sup>9</sup>



Source: National Longitudinal Transition Study-2

Factors that Influence Employment: <sup>9</sup>



Employment in young adulthood:

- Young adults with ASD who never work for pay during the early 20s: 42% <sup>9</sup>
- Young adults who work after high school: <sup>9</sup>
  - From upper income households: 72%
  - From lowest income households: 33%
  - White: 66%
  - Black: 37%
  - Hispanic: 34%
- 80% of those who do work after high school work part time with an average of \$9.11/hour; full time workers earn an average of \$8.08/hour <sup>9</sup>

## REFERENCES:

1. US Department of Commerce. (2021). U.S. Census Bureau quickfacts: South Carolina. United States Census Bureau. Retrieved August 30, 2022, from <https://www.census.gov/quickfacts/SC>
2. US Department of Commerce. (2021). U.S. Census Bureau quickfacts: North Carolina. United States Census Bureau. Retrieved August 30, 2022, from <https://www.census.gov/quickfacts/NC>
3. Centers for Disease Control and Prevention. (2022, May 18). Disability & Health U.S. State Profile Data: South Carolina. Centers for Disease Control and Prevention. Retrieved August 30, 2022, from <https://www.cdc.gov/ncbddd/disabilityandhealth/impacts/south-carolina.html>
4. Centers for Disease Control and Prevention. (2022, May 18). Disability & Health U.S. State Profile Data: North Carolina. Centers for Disease Control and Prevention. Retrieved August 30, 2022, from <https://www.cdc.gov/ncbddd/disabilityandhealth/impacts/north-carolina.html>
5. Wright, J. (2017, May 13). Alternative screen finds high autism prevalence in U.S. state: Spectrum: Autism research news. Spectrum. Retrieved August 30, 2022, from <https://www.spectrumnews.org/news/alternative-screen-finds-high-autism-prevalence-u-s-state/>
6. Centers for Disease Control and Prevention. (2022, March 2). Data & statistics on autism spectrum disorder. Centers for Disease Control and Prevention. Retrieved August 30, 2022, from <https://www.cdc.gov/ncbddd/autism/data.html>
7. The employment situation - July 2022 - bureau of labor statistics. New Release Bureau of Labor Statistics U.S. Department of Labor. (2022). Retrieved August 30, 2022, from <https://www.bls.gov/news.release/pdf/empsit.pdf>
8. US Census Bureau Public Information Office. (2016, May 19). Nearly 1 in 5 people have a disability in the U.S., Census Bureau reports - miscellaneous - newsroom - U.S. census bureau. United States Census Bureau. Retrieved August 30, 2022, from <https://www.census.gov/newsroom/releases/archives/miscellaneous/cb12-134.html>
9. Roux, Anne M., Shattuck, Paul T., Rast, Jessica E., Rava, Julianna A., and Anderson, Kristy, A. *National Autism Indicators Report: Transition into Young Adulthood*. Philadelphia, PA: Life Course Outcomes Research Program, A.J. Drexel Autism Institute, Drexel University, 2015.



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