



**Massachusetts General Hospital**  
Founding Member, Mass General Brigham

# I. Prevalence of Autism

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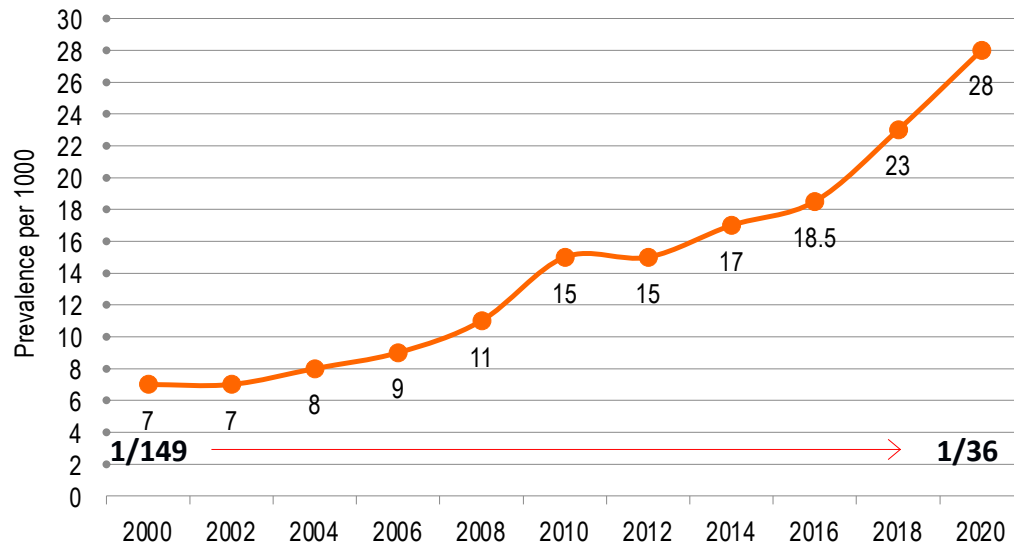
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HARVARD MEDICAL SCHOOL  
TEACHING HOSPITAL

# Prevalence of Autism Spectrum Disorder

## Children with AUTISM (USA)



### ADDM Network

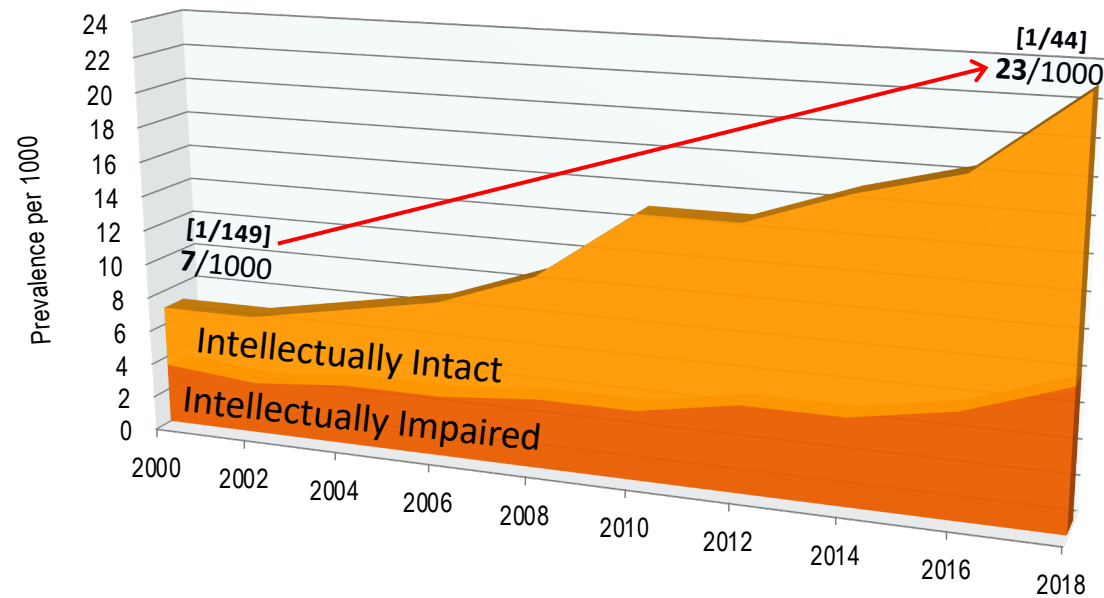
- Children 8 years old
- Medical records reviewed by trained clinicians
- 11 states in US (AZ, AR, CA, GA, MD, MN, MO, NJ, TN, UT, WI)

**Prevalence of ASD QUADRUPLED in the last two decades**



Centers for Disease Control & Prevention (CDC) Surveys: ADDM Network Surveys  
2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018

# Prevalence of ASD



**Substantial rise in the prevalence of AUTISM  
in intellectually capable populations**

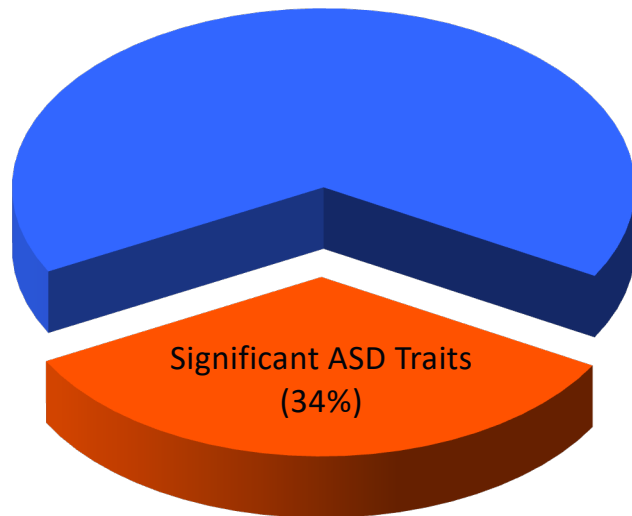


Centers for Disease Control & Prevention (CDC) Surveys: ADDM Network Surveys  
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# Autistic Traits in Psychiatrically Referred Youth

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## Attending Psychiatry Outpatient Clinic



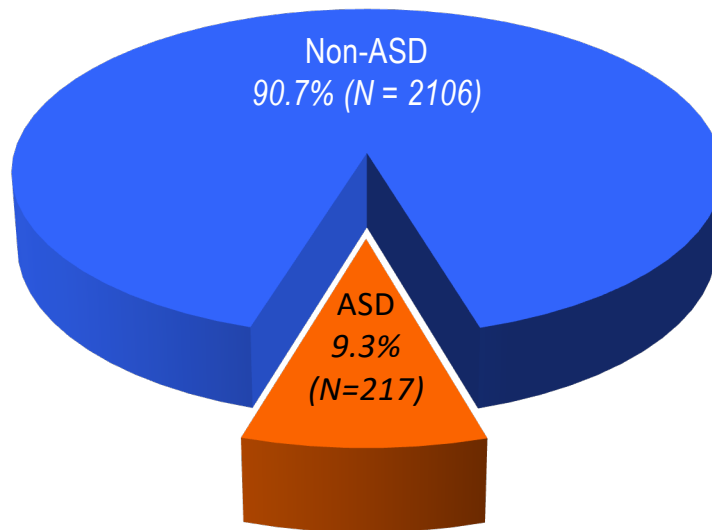
Total N: 303  
Age Range: 4-18 years  
IQ: Predominantly Intact  
SRS Screen<sup>+</sup> for ASD: 34% (N=110)  
(Raw score: ♂ >70; ♀ >65)

**One-third of youth screened positive for ASD**



# Prevalence of ASD in Psychiatrically Referred Youth

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Total N: 2323

Total Duration: 15 years (1991-2006)

Male: 87%

Age (yrs): 9.7 ±3.6 (3-17)

Intellectual Ability & Language Skills: Clinically not impaired in majority of the referred youth

**Autism Prevalence 3x Higher than the General Population**

