



**AUTISM SPEAKS®**

It's time to listen.

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**Communications issues**

- difficult to understand non verbal communication
- 40% don't talk at all

**Patterns of behaviour**

- like to repetitive use of movement, speech, and others

**Characteristics of autism**

**Social skills**

- prefer to be alone
- avoid eye contact
- have intention to get friends but do not know how to build

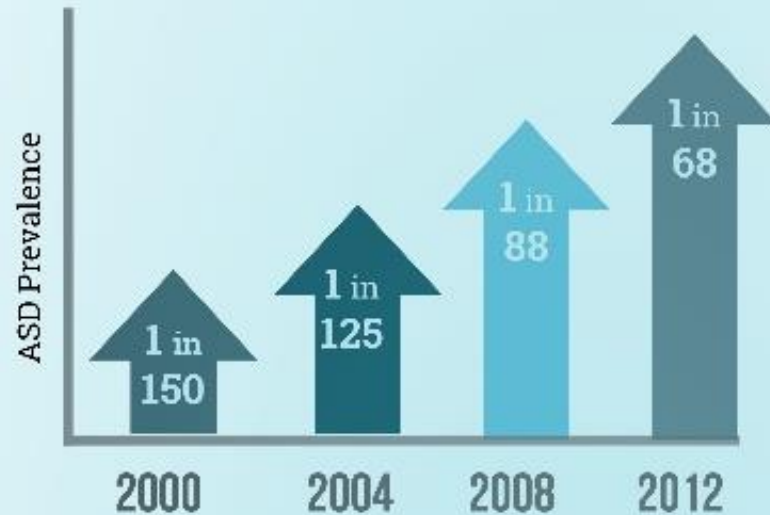
# AUTISM SPECTRUM DISORDER 101

What We Know About Autism and Autism Treatment

## QUICK FACTS

✓ **1 in 68 children** is diagnosed with Autism Spectrum Disorder (ASD).

THE **PREVALENCE OF AUTISM** INCREASED BY ABOUT **120%** FROM 2000 TO 2012.



**ASD IS NEARLY 5X MORE COMMON IN BOYS THAN GIRLS**



- ✓ Children can be **reliably diagnosed** with autism as early as **18 months**.
- ✓ Many **nonverbal** children will overcome their severe **language delays**.
- ✓ **Technology** is creating options for **earlier ASD detection**.

# AUTISM: THE FACTS



## FACT:

THERE IS NO MEDICAL DETECTION OR CURE FOR AUTISM.



## FACT:

AUTISM AFFECTS 1 IN 68 CHILDREN AND 1 IN 42 BOYS.



## FACT:

AUTISM RECEIVES LESS THAN 5% THE RESEARCH OF MANY LESS PREVALENT CHILDHOOD DISEASES.



## FACT:

AUTISM COSTS A FAMILY \$60,000 A YEAR ON AVERAGE.



## Why more boys than girls have autism?

Boys inherit one X-chromosome from their mother and one Y-chromosome from their father.

“If a boy’s X-chromosome is missing the PTCHD1 gene or other nearby DNA sequences, they will be at high risk of developing ASD or intellectual disability.

“Girls are different in that, even if they are missing one PTCHD1 gene, by nature they always carry a second X-chromosome, shielding them from ASD. While these women are protected, autism could appear in future generations of boys in their families.”

Read more:

<http://www.autismsupportnetwork.com/news/study-why-more-boys-girls-have-autism-390092833#ixzz62NSqgGtN>



