

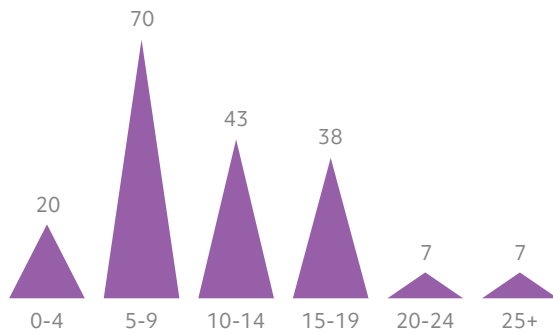
Simons Searchlight Registry Update 16p11.2 deletion

April, 2022

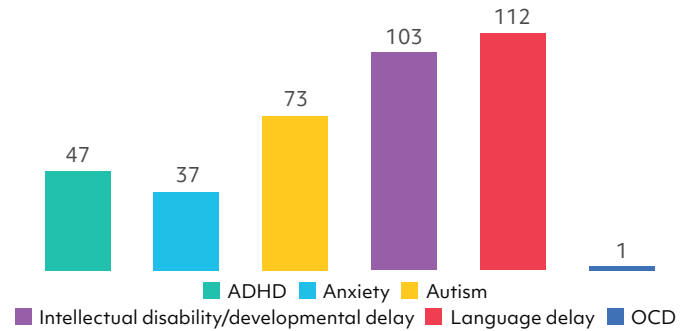
SIMONS
SEARCHLIGHT

Data in these four graphs are from the medical history phone interviews collected in Simons Searchlight on 185 participants with 16p11.2 deletion.

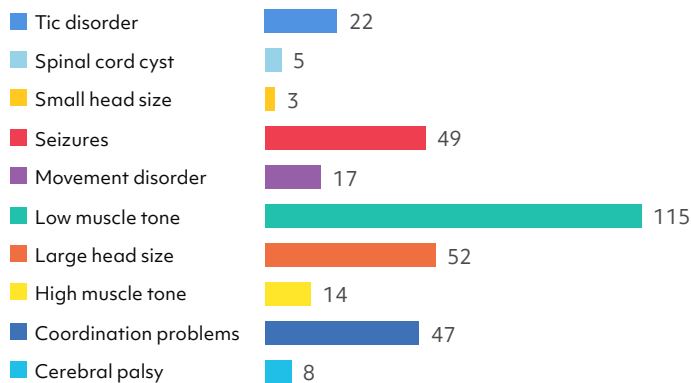
Ages in Years



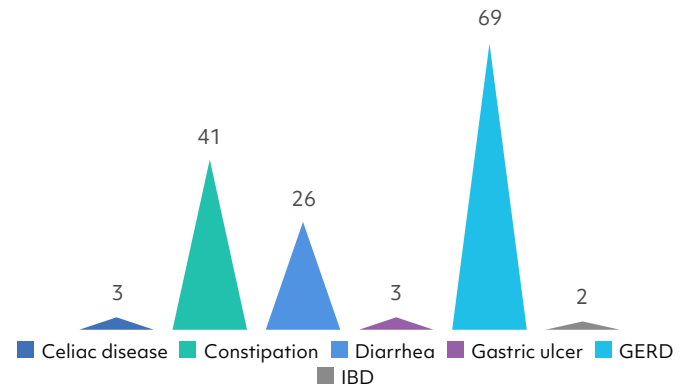
Developmental and Behavioral Conditions



Neurological Problems



Gastrointestinal Problems



Notes:

- Graphs show counts of individuals in each category. Individual participants may appear in more than one category if they report multiple conditions.

How to Participate

The information in this report is made possible by the active participation of the 16p11.2 deletion community! Progress for individuals in your community with 16p11.2 deletion is shown below - log in to your simonssearchlight.org dashboard today to check for new surveys and tasks. Your data could hold the clues geneticists need to find answers.

STEP 1

Sign up online



455

STEP 2

Provide your genetic lab report



267

STEP 3

Share your important medical history



190

STEP 4

Fill out surveys



220

STEP 5

Provide a blood sample if you are interested



106

STEP 6

Update us every year



Log in to see next steps

The **Quality of Life Inventory** is a scientific survey where we asked caregivers to describe how their family member with 16p11.2 deletion responds to life experiences.

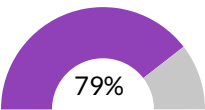
It measures quality of life by looking at the following areas: physical health, psychological well-being, social relationships, leisure, and independence.

These graphs reflect the percentage of people who reported "Often" or "Very Often" for each question.

The questionnaire was given to family members of people 2 years and older.

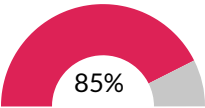
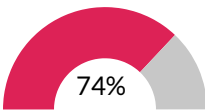
81 people with 16p11.2 deletion are shown.

Health & Well-being



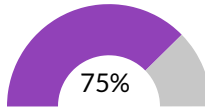
Has energy for daily activities

Is in good health



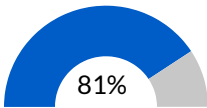
Is alert and aware

Sleeps well

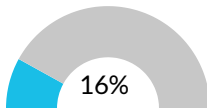


Feelings & Emotions

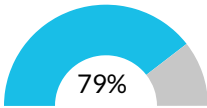
In a good mood



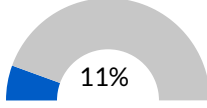
Unsettled for no reason



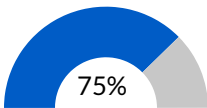
Smiles



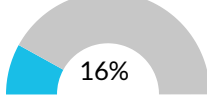
Displays aggression



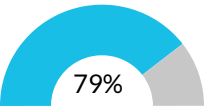
Expresses happiness using body language



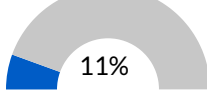
Feels upset or angry



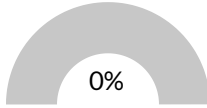
Laughs or giggles



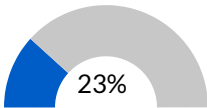
Withdrawn, low mood



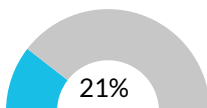
Intentionally self harms



Dislikes changes in routine



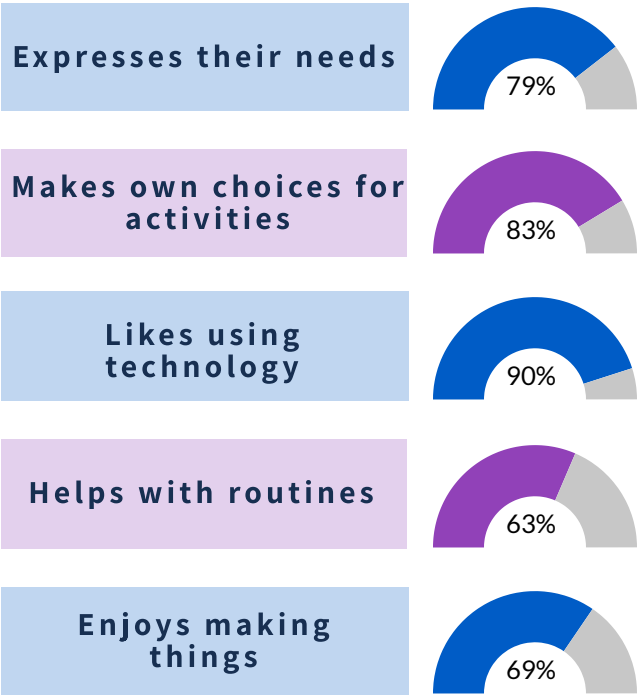
Displays anxiety or agitation



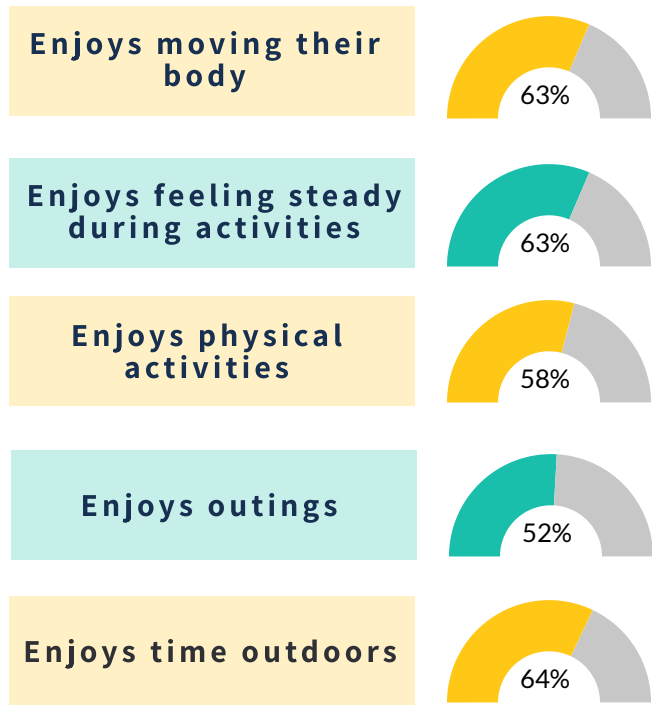
"Quality of life is a common survey of patient-centered outcomes in clinical trials and natural history studies."

- Alison Holbrook, PhD

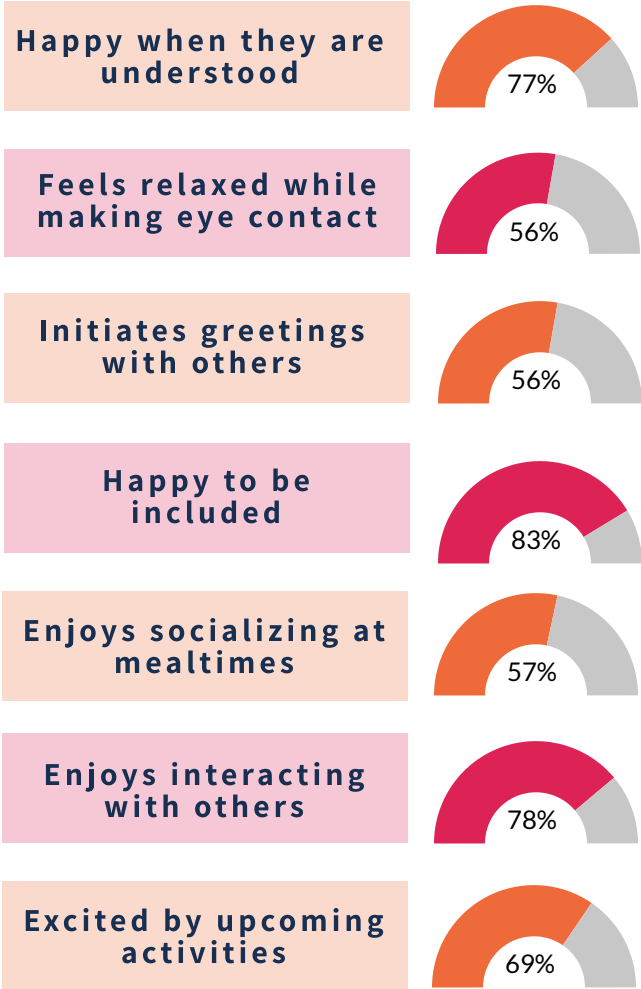
Daily Life



Activities & the Outdoors



Family & Friends



Thank you

for contributing knowledge to Simons Searchlight!