

**North Dakota Autism Survey
For the ND Department of Human Services**

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ND ASD Survey

How many questionnaires were completed and usable?

	2010	2014
Online	173	110
Paper	14	0
Total	187	110

Who responded to this questionnaire?

	2010	2014
a. parent/family member =	56 (29.9%)	36 (33%)
b. teacher/educator =	29 (15.5%)	18 (16%)
c. administrator/policymaker =	15 (8.0%)	5 (5%)
d. private provider =	12 (6.4%)	12 (11%)
e. researcher =	1 (0.5%)	1 (1%)
f. public provider =	38 (20.3%)	22 (20%)
g. person with ASD =	0 (0.0%)	0 (0%)
h. Other _____ =	19 (10.2%)	16 (15%)
Not reported =	17 (9.1%)	0 (0%)

Where do the respondents live?

	2010	2014
a. urban (population greater than 50,000) =	106 (56.7%)	52 (48%)
b. rural (population between 3,000 and 49,999) =	56 (29.9%)	43 (39%)
c. remote rural (population less than 3,000) =	23 (12.3%)	14 (13%)
d. Not reported =	2 (1.1%)	1 (1%)

Region of residence

	2010	2014
Region 1 =	8 (4.3%)	1 (1%)
Region 2 =	13 (7.0%)	19 (17%)
Region 3 =	7 (3.7%)	5 (5%)
Region 4 =	34 (18.2%)	17 (15%)
Region 5 =	58 (31.0%)	18 (16%)
Region 6 =	14 (7.5%)	11 (10%)
Region 7 =	46 (24.6%)	28 (25%)
Region 8 =	7 (3.7%)	11 (10%)
Not reported	0 (0)	0 (0)

Agreement Rating Data For All Respondents

Rating scale was

1 = strongly agree; 2 = agree; 3 = neither disagree or agree; 4 = disagree; 5 = strongly disagree

Training Overall Mean score (average) for training was 3.24(2010) 3.25 (2014)

We have access to training on strategies to treat/support individuals with ASD.	2.78	2.95
The training is individualized to meet our unique needs.	3.37	3.34
The training provides opportunities to learn specific skills with a chance to practice.	3.31	3.31
The training addresses both novice and advanced learners	3.36	3.34
The training is available from a provider in our community	3.42	3.44
The training is available in an online format that we can access	3.35	3.28
The training is affordable given our current budget	3.35	3.28
The training includes evidence-based strategies and promising practices	2.99	2.93
The training includes alternative treatments or strategies	3.12	3.21
Training is provided for para-professionals and/or support care staff in-home?	3.36	3.39

Information/Awareness

Overall Mean score (average) for information/awareness was 3.05 (2010) 3.40 (2014)

We have/provide 3 or more informational resources about ASD	2.84	2.99
We have informational resources that detail the early signs and symptoms of ASD	2.71	2.96
We have informational resources that detail intervention strategies for people with ASD	2.94	2.99
The information in our resources is easily read and understood by most professionals	2.59	2.66
The information in our resources is easily read and understood by non-professionals	2.97	3.14
We have accurate information about the prevalence of people with ASD in our state	3.59	3.5
We have accurate information about the needs of people with ASD in our state	3.72	3.74

Services

Overall Mean score (average) for services was 3.38 / 3.49

	18. Our region has programs that effectively identify people with ASD	3.18	3.18
	19. Our region has early intervention programs that effectively serve infants/toddlers with ASD	2.98	2.73
↑	20. Our region has school-based programs that effectively serve school children with ASD	3.07	3.31
↑	21. Our region has child care programs that effectively serve children with ASD	3.75	3.87
	22. Our region has job placement/employment programs that effectively serve adults with ASD	3.58	3.68
	23. Our regions has health care programs that effectively serve people with ASD	3.46	3.42
	24. Our region has support programs that effectively serve families of people with ASD	3.46	3.36
↑	25. We believe area services are available to most people with ASD that are seeking support	3.55	3.74
↑	26. We believe area services are rated as high-quality by most people with ASD or their families	3.35	3.54
↑	27. We believe area services are rated as affordable by most people with ASD or their families	3.48	3.61
↑	28. Our family/agency is satisfied with the services we have obtained/provided	3.21	3.51
↑	29. Our school district includes and informs us regarding trainings occurring in our area?	3.60	3.78
↑	30. School district staff working with our child have adequate and appropriate training to support our child.	3.30	3.66

Supports/Resources

↓	32. Families of children with ASD have resources that describe what to do to get a diagnosis	3.31	3.18
	33. Families of children with ASD have resources that describe how to parent a child with ASD	3.51	3.52
	34. Families of children with ASD have in-home support for addressing behavioral challenges	3.59	3.6
↑	35. Families of children with ASD have respite care regardless of their child's specific diagnosis	3.47	3.52
↑	36. Siblings of people with ASD have sib-shops or support programs to address unique needs	3.61	3.84
↑	37. Families of children with ASD have resources that help them explain the condition to others	3.48	3.6
↓	38. Families of children with ASD have financial support for autism treatment programs	3.86	3.77
↑	39. Families of children/youth with ASD have opportunities to meet other parents w/ similar challenges	2.89	3.22

Overall Mean score (average) for supports/resources was 3.47 / 3.53

Hours of Direct support received from in-home providers weekly or monthly (Q40) and Hours of home-based behavioral interventions weekly (Q 41)

There were very few responses to Q40. The most frequent response was "0" or "none". There were some hourly responses given, but it was not clear if they were weekly or monthly due to the wording of the question. For Q41, there were 53 responses. Again, the most frequent response was "0". The average across all responses was 0.38 hours per week.

Research

Overall Mean score (average) for research was 3.31 / 3.26

42. We are familiar with ND programs conducting research with/for people with ASD.	3.53	3.3
43. We have access to published articles and journals about the results of ND research programs.	3.41	3.39
44. Research information in easy-to-understand formats is available to families of people with ASD.	3.43	3.38
↑ 45. Research information available to us on ASD is confusing and contradictory.	2.84	2.94

Service Coordination

↑ 47. The school is a good place for parents to find resources and support.	3.07	3.45
48. Families of most children with ASD are eligible for service programs that are available.	3.25	3.33

Overall Mean score (average) for service coordination was 3.16 / 3.39

Provider Data

Health Care Provider

Psychiatrist 1/1 ASD Screening 1/0 Nurse 4/0
 Family Practice 1/3 Specialist (Neurology, etc.) 2/0 Dentist 0/1
 Diagnostic Center-ASD 0/0 General Practitioner 0/2 Other 40/27
 Describe

Residential Treatment	LICSW	mental health np
psychiatric residential treatment	Therapist	QMRP/Program Coordinator
speech-language pathologist	social worker	Adult DD provider
Addiction Counselor	case manager	counselor
Occupational Therapy	case manager	DDPM
Service Provider	Social Worker	VR Counselor
Psychologist	Provide In-Home Support	Mental health
birth to 3 Early Interventionist	Psychologist	Vocational Rehab. Counselor
administration	Mental Health Professional	Occupational Therapist
special education	clinical social worker	VR
Human Services	LSW- MI case Manager	Social Worker
Child Welfare	occupational therapist	speech pathologist
Public School	Group Home	Residential Provider

Training Received

Part of degree	After licensure	Requirement for licensure	Individual in-service course	University course after degree	Internet training	Self study	Other
4	9	1	34	9	6	28	10
14	9	1	19	8	10	21	8

Area (region) of state in which they practice

Region	1	2	3	4	5	6	7	8	Not reported
Number	6	1	4	7	13	7	7	1	Unknown *
	1	9	1	9	9	4	9	5	

* Many respondents indicated they were parents, administrators, etc, and still completed this section. Thus the total list of possible health care providers is unknown.

Type of Provider Public 31/A Private 7/12 Not reported 9/0

Therapy Providers

(note – these were not exclusive...some chose several simultaneously)

Speech Therapy 9/9
 Occupational Therapy 5/5
 Physical Therapy 3/4
 Early Intervention 12/10
 Applied behavior Analyst 10/12
 Psychology 14/11
 Infant Development (early intervention birth - 3) 4/6

Format

Individual Therapy 40/29
 Group Therapy 19/12
 Family Therapy 18/10

Service locations

Home 28/21 School 21/20 Clinic 19/8 Hospital 3/3

Type

Behavioral Interventions 39/29
 Language Interventions 24/21
 Social Skills Interventions 44/31
 Sensory Interventions 25/18

Treatments provided

- Pivotal Response Training 3
- Behavioral Package 14
- Comprehensive Behavioral Treatment for Young Children 5
- Joint Attention Intervention 7
- Modeling 25
- Naturalistic Teaching Strategies 14
- Peer Training Package 6
- Schedules 22
- Self Management 18
- Story-based Intervention Package 12
- Other 12

new list

Medication administration, parent ed	Discrete Trial Training
treatment for co-occurring MH dx	Floortime, diet, sensory
Routines-based intervention	modified indiv/family therapies
structured teaching (TEACCH model)	social skills training
TEEACH, Social Stories	

Family Support

Day Care Provider = 1/3

Respite Care Provider = 12/9

Parent Support Group = 8/8

Sibling Support Group = 0/2

Counseling Center = 13/6

Recreational Center = 0/2

Sports = 2/0

Advocacy = 19/9

Attorney = 0/0

Other = 12/11 general support and info; can see child in all natural environments; In home; Residential and day supports; funding for respite; referrals; Case Management; only if needed; case management; education

Training Received

Part of degree	After licensure	Requirement for licensure	Individual in-service course	University course after degree	Internet training	Self study	Other
7	12	1	32	7	13	30	5
17	8	0	17	7	11	20	5

Area (region) of state in which they practice

Region	1	2	3	4	5	6	7	8	Not reported
Number	4	3	2	9	12	5	8	2	Unknown *

* Many respondents indicated they were parents, administrators, etc, and still completed this section. Thus the total list of possible family support providers is unknown.

Type of Provider

Public = 23/13

Private = 6/9

Not reported *unknown - see note above

Supplemental Therapies

AAC device	= 11/9
Cogn behavior intervention package	= 17/15
Developmental relationship-based treatment	= 6/2
Exercise	= 8/4
Exposure package	= 4/2
Imitation-based interaction	= 6/4
Initiation training	= 2/1
Language training-production	= 5/4
Language training-production and understanding	= 6/4
Massage/touch therapy	= 3/3
Multi-component package	= 3/1
Music therapy	= 3/3
Peer-mediated instructional arrangement	= 1/3
PECS	= 9/14
Reductive package	= 1/1
Scripting	= 7/8
Sign instruction	= 10/7
Social communication intervention	= 19/8
Social skills package	= 16/7
Structured teaching	= 9/4
Technology-based treatment	= 1/5
Theory of mind reading	= 3/0

Treatments you provide

Academic interventions	= 14 / 13
Auditory integration training	= 4 / 1
Facilitated communication	= 6 / 5
Gluten and casein free diet	= 3 / 3
Sensory integration package	= 15 / 5

Other Supportive Services

Housing	=13/2
Life coaching	=14/3
Cooking	=14/2
Housekeeping	=17/2
Shopping	=16/2
Money Management	=19/3
Recreation	=18/4
Transportation	=22/3
Equestrian therapy	=3/1
Music Therapy	=1/1
Systemic instruction	=3/1
PBS	=22/12

Training Received

Part of degree	After licensure	Requirement for licensure	Individual in-service course	University course after degree	Internet training	Self study	Other
7	9	0	30	10	12	28	6
13	7	1	14	6	6	11	3

Area (region) of state in which they practice

Region	1	2	3	4	5	6	7	8	Not reported
Number	6	4	3	10	12	6	10	1	Unknown *
	6	5	1	6	7	1	7	2	

* Many respondents indicated they were parents, administrators, etc, and still completed this section. Thus the total list of possible other supportive services providers is unknown.

Type of Provider

Public =20 /8
 Private =7 /5
 Not reported *unknown - see note above

Employment Services

Job Coach = 7/2
 Job Training = 11/4
 Other = 8/3

Training Received

Part of degree	After licensure	Requirement for licensure	Individual in-service course	University course after degree	Internet training	Self study	Other
3	0	1	15	4	6	12	5
3	2	0	2	2	1	5	0

Area (region) of state in which they practice

Region	1	2	3	4	5	6	7	8	Not reported
Number	2	3	2	8	8	2	5	0	Unknown *

* Many respondents indicated they were parents, administrators, etc, and still completed this section. Thus the total list of possible employment services providers is unknown.

Type of Provider

Public = 9/4
 Private = 5/1
 Not reported*unknown - see note above

Educator

Special educator	19 / 11
Regular educator	1 / 1
School psychologist	0 / 3
Higher ed faculty	2 / 1
University clinic service	0 / 0
Special ed faculty	1 / 1
Not reported	4 / 0

Training Received

Part of degree	After licensure	Requirement for licensure	Individual in-service course	University course after degree	Internet training	Self study	Other
8	9	0	16	15	7	13	3
8	4	0	10	7	5	7	3

Area (region) of state in which they practice

Region	1	2	3	4	5	6	7	8	Not reported
Number	3	3	0	1	9	1	2	1	7
	0	3	2	1	4	1	4	3	0

Type of Provider

Public = 15 / 5
 Private = 0 / 2
 Not reported = 12 / 0