

## Saskatchewan Autism Data

- For the years 1998, 1999, 2000-2001
- From Saskatchewan Education unpublished data providing the number of students by year of birth in each education region identified as having autism (Autistic Disorder) or another Pervasive Developmental Disorder <PDD> (Asperger's Syndrome, Rett's Syndrome, Childhood Disintegrative Disorder, Pervasive Developmental Disorder-Not Otherwise Specified<PDD-NOS>)
- Data analysis by Lisa Simmermon, President, Saskatchewan Society for the Autistic, and President, Autism Society Canada (April 2001)

### Total number and increase of Saskatchewan students identified with autism and PDD conditions

<u>Year</u>	<u>total #</u>	<u># increase from prev. yr.</u>	<u>% increase from prev. yr.</u>	<u># increase from prev. 2 yrs.</u>	<u>% increase from prev. 2 yrs.</u>
1998	268				
1999	376	+108	+40%		
2000-2001	481	+105	+27%	+213	+80%

### Ratio of students with autism and PDD conditions to total student population (incidence)

<u>Year</u>	<u>Total # / total student enrollment</u>	<u>%</u>	<u>% increase</u>	<u>ratio</u>	<u>U.S (CDC)</u>
1999	376 / 188,776	.2%		2 in 1,000, or 1 in 500	
2000-2001	481 / 184,494	.26%	+30%	2.6 in 1,000, or 1 in 385	1 in 500

### Average Age of Diagnosis

<u>Year</u>	<u>Mean Age</u>	<u>Change</u>	<u>United Kingdom</u>	<u>United States</u>
1999	7.94 (7 yrs.11mths.)			
2000-2001	7.68 (7 yrs.8mths.)	-.26 yr. (-3 months)	5yrs.	6yrs.

### Percentage of new diagnoses made to preschool students (students younger than 5)

(who have the best chance for significant improvement with the application of at least two years of effective autism early intervention treatment)

<u>Year</u>	<u>% younger than 4</u>	<u>% younger than 6</u>
1999	7%	34%
2000-2001	12%	40%

### Numbers and Percentages identified or not identified by certain ages

<u>Year</u>	<u>total #</u>	<u>increase from previous year</u>	<u>age</u>	<u>(failure to diagnose rate) % of yr. total # not identified until this age</u>	<u>(diagnosis success rate) % of 2000-2001 total # identified by this age</u>
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#### *Born in 1998*

2000-2001	1		2		
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#### *Born in 1997*

2000-2001	14		3		
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#### *Born in 1996*

1999	7		3		28%
2000-2001	25	+18	4	72%	

#### *Born in 1995*

1998	6		3		16%
1999	21	+15	4	71%	57%
2000-2001	37	+16	5	43%	

<u>Year</u>	<u>total #</u>	<u>increase from previous year</u>	<u>age</u>	<u>(failure to diagnose rate) % of yr. total # not identified until this age</u>	<u>(diagnosis success rate) %of 2000-2001 total # identified by this age</u>
<i>Born in 1994</i>					
1998	17		4		47%
1999	32	+15	5	47%	89%
2000-2001	36	+19	6	11%	
<i>Born in 1993</i>					
1998	24		5		51%
1999	39	+15	6	39%	83%
2000-2001	47	+8	7	17%	
<i>Born in 1992</i>					
1998	32		6		65%
1999	42	+10	7	24%	86%
2000-2001	49	+7	8	14%	
<i>Born in 1991</i>					
1998	24		7		69%
1999	27	+3	8	11%	77%
2000-2001	35	+8	9	23%	
<i>Born in 1990</i>					
1998	23		8		56%
1999	38	+15	9	40%	93%
2000-2001	41	+3	10	7%	
<i>Born in 1989</i>					
1998	24		9		71%
1999	26	+2	10	8%	76%
2000-2001	34	+8	11	24%	
<i>Born in 1988</i>					
1998	25		10		71%
1999	31	+6	11	19%	89%
2000-2001	35	+4	12	11%	
<i>Born in 1987</i>					
1998	17		11		85%
1999	17	+0	12	0%	85%
2000-2001	20	+3	13	15%	
<i>Born in 1986</i>					
1998	10		12		56%
1999	17	+7	13	41%	100%
2000-2001	17	+0	14	0%	
<i>Born in 1985</i>					
1998	19		13		79%
1999	22	+3	14	14%	92%
2000-2001	24	+2	15	8%	

<u>Year</u>	<u>total #</u>	<u>increase from previous year</u>	<u>age</u>	<u>(failure to diagnose rate) % of yr. total # not identified until this age</u>	<u>(diagnosis success rate) % of 2000-2001 total # identified by this age</u>
<i>Born in 1984</i>					
1998	11		14		58%
1999	17	+6	15	35%	90%
2000-2001	19	+2	16	11%	
<i>Born in 1983</i>					
1998	9		15		60%
1999	10	+1	16	10%	67%
2000-2001	15	+4	17	33%	
<i>Born in 1982</i>					
1998	8		16		100%
1999	7	(+0)	17	0%	100%
2000-2001	8	(+0)	18	0%	
<i>Born in 1981</i>					
1998	7		17		58%
1999	7	+0	18	0%	58%
2000-2001	12	+5	19	42%	
<i>Born in 1980</i>					
1998	6		18		75%
1999	8	+2	19	25%	100%
2000-2001	8	+0	20	0%	
<i>Born in 1979</i>					
1998	2		19		50%
1999	3	+1	20	33%	75%
2000-2001	4	+1	21	25%	
<i>Born in 1978</i>					
1998	1		20		

**Total number and increase of Saskatchewan education region students identified with autism and PDD conditions**

<u>Year</u>	<u>total #</u>	<u># increase from prev. yr.</u>	<u>% increase from prev. yr.</u>	<u># increase from prev. 2 yrs.</u>	<u>% increase from prev. 2 yrs.</u>
<i>Region 1: Weyburn / SE Saskatchewan</i>					
1998	13				
1999	23	+10	+77%		
2000-2001	36	+13	+57%	+23	+178%
<i>Region 2: Swift Current / SW Saskatchewan</i>					
1998	12				
1999	25	+13	+108%		
2000-2001	32	+7	+28%	+20	+167%

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<i>Region 3: Regina</i>					
1998	39				
1999	64	+25	+64%		
2000-2001	85	+21	+33%	+46	+118%
<i>Region 4: Saskatoon</i>					
1998	134				
1999	178	+44	+33%		
2000-2001	212	+34	+19%	+78	+59%
<i>Region 5: Melfort &amp; Prince Albert /Central East Saskatchewan</i>					
1998	38				
1999	47	+9	+24%		
2000-2001	66	+19	+40%	+28	+50%
<i>Region 6: Battlefords / Central West Saskatchewan</i>					
1998	30				
1999	37	+7	+23%		
2000-2001	47	+10	+17%	+17	+57%
<i>Region 7: North Saskatchewan</i>					
1998	2				
1999	2	+0	+0%		
2000-2001	3	+1	+50%	+1	+50%