

Table 1: Summary of Autism Prevalence Studies

<i>Author</i>	<i>Year published</i>	<i>Country</i>	<i>Time period studied</i>	<i>Age range studied</i>	<i>Number of children in population</i>	<i>Criteria used</i>	<i>Methodology used</i>	<i>Prevalence and Confidence Intervals for autism/other ASD</i>		<i>IQ < 70 (%)</i>
Lotter	1966	England	1964	8 to 10	78,000	Kanner	Case enumeration and direct exam	0.45	(0.31-0.62)	84
Brask	1970	Denmark	1962	2 to 14	46,500	Kanner	Case enumeration	0.43	(0.26-0.66)	NR
Treffert	1970	USA	1962-1967	3 to 12	899,750	Kanner	Case enumeration	0.07-0.31	(0.0-1.0)	NR
Wing & Gould	1979	England	1970	0 to 14	35,000	Kanner	Case enumeration and direct exam	0.49	(0.29-0.78)	70
Hoshino et al. ¹	1982	Japan	1977	0 to 17	234,039	Kanner	Case enumeration and direct exam	0.23	(0.19-27)	NR
Ishii & Takahashi	1983	Japan	1981	6 to 12	35,000	Rutter	Case enumeration and direct exam	1.6	(1.2-2.8)	NR
Bohman et al.	1983	Sweden	1979	0 to 20	69,000	Rutter	Case enumeration and direct exam	0.3	(0.2 - 0.5)	NR
McCarthy et al.	1984	Ireland	1978	8 to 10	65,000	Kanner	Case enumeration and direct exam	0.43	(0.29-0.59)	NR
Gillberg	1984	Sweden	1980	4 to 18	128,584	DSM-III	Case enumeration and direct exam	0.20	(0.13-0.30)	80,77
Steinhausen et al.	1986	Germany	1982	0 to 14	279,616	Rutter	Case enumeration and direct exam	0.19	(0.14-0.24)	44
Steffenberg & Gillberg	1986	Sweden	1984	< 10	78,413	DSM-III	Case enumeration and direct exam	0.45	(0.31-0.62)	NR
Matsuishi et al.	1987	Japan	1983	4 to 12	32,834	DSM-III	Case enumeration and direct exam	1.55	(1.16-1.64)	NR
Burd et al.	1987	USA	1985	2 to 18	180,986	DSM-III	Case enumeration and direct exam	0.12	(0.00-0.20)	NR
Bryson et al.	1988	Canada	1985	6 to 14	20,800	DSM-III	Case enumeration and direct exam	1.01	(0.62-1.54)	76
Tanoue et al.	1988	Japan	1977-1985	3 to 7	95,394	DSM-III	Case enumeration	1.38	(1.16-1.64)	NR
Cialdella & Mamelle	1989	France	1986	3 to 9	135,180	DSM-III	Case enumeration	0.51	(0.39-0.63)	NR
Sugiyama & Abe	1989	Japan	1979-1984	2 to 5	12,263	DSM-III	Population screen and direct exam	1.3	(0.7 - 2.1)	38
Ritvo et al.	1989	USA	1984-1988	8 to 12	184,822	DSM-III	Case enumeration and direct exam	0.40	(0.31 - 0.50)	NR
Gillberg et al.	1991	Sweden	1988	4 to 13	78,106	DSM-III-R	Case enumeration and direct exam	0.95	(0.74-1.95)	82,80
Fombonne & Mazaubrun ¹	1992	France	1985	9 to 13	274,816	ICD-10	Case enumeration and direct exam	0.49	(0.47-0.65)	87

Honda et al.	1996	Japan	1994	1.5 to 6	8,537	ICD-10	Population screen and direct exam	2.11	(1.25-3.33)	50
Fombonne et al.	1997	France	1992-1993	16-Aug	325,347	ICD-10	Case enumeration and direct exam	0.54	(0.46-0.62)	88
Arvidsson et al.	1997	Sweden	1994	3 to 6	1,941	ICD-10	Population screen and direct exam	3.10	(1.14-6.72)	100
Webb et al. Sponheim & Skjeldae	1997	Wales	1992	3 to 15	73,300	DSM-III-R	Case enumeration and direct exam	0.72	(0.54-0.95)	NR
	1998	Norway	1992	3 to 14	65,688	ICD-10	Case enumeration and direct exam	0.38	(0.25-0.56)	64
Kadesjo et al.	1999	Sweden	1992	6.7-7.7	826	ICD-10	Case enumeration and direct exam	6.0	(1.97-14.1)	60
Baird et al.	2000	England	1998	1.5 to 8	16,235	ICD-10	Population screen and direct exam	3.1	(2.29-4.06)	40
Powell et al.	2000	England	1995	1 to 4	29,200	DSM-III-R or DSM-IV	Case enumeration	0.96	(0.64-1.39)	NR
Kielinen et al.	2000	Finland	1996	18-Mar	152,732	DSM-IV	Case enumeration	1.22	(1.06-1.41)	50
Magnusson & Saemundsen	2000	Iceland	1997	5 to 14	43,153	ICD-10	Population screen and direct exam	0.86	(0.60-1.18)	49
Chakrabarti & Fombonne	2001	England	1998	2.5 to 6.5	15,500	DSM-IV	Population screen and direct exam	1.68	(1.1-2.46)	24
Fombonne et al. ²	2001	UK	1999	5 to 15	12,529	DSM-IV	Population screen and direct exam	2.61	(1.81, 3.70)	44.4
Bertrand et al.	2001	USA	1998	3 to 10	8,996	DSM-IV	Case enumeration and direct exam	4.0	(2.8-5.5)	49
Croen et al.	2001	USA	1987-1999	0 to 21	4,600,000	DSM-III-R or DSM-IV	Case enumeration	1.1	(1.06-1.14)	NR
Yeargin-Allsopp et al. ²	2003	USA	1996	3 to 10	290,000	DSM-IV	Case enumeration	3.4	(3.2-3.6)	62
Gurney et al. ²	2003	USA	1981-1982, 2001-2002	6 to 17	—	DSM-IV	Case enumeration	4.4	(4.3-4.5)	NR
Lingam et al	2003	UK	2000	5 to 14	186,206	ICD-10	Case enumeration	1.5	(1.3-1.7)	NR
Icasiano et al	2004	Australia	2002	2 to 17	45,153	DSM-IV	Case enumeration	3.9	(3.3-4.5)	47
Lauritsen et al	2004	Denmark	2001	0 to 9	682,397	ICD-10	Case enumeration	1.2	(1.1-1.3)	NR
Fombonne et al	2006	Canada	1987-1998	5 to 21	27,749	DSM-IV	Case enumeration	2.16	(1.65, 2.78)	NR
Baird et al	2006	UK	1990-1991	9 to 10	56,946	ICD-10	Case enumeration, screen and direct exam	3.89	(3.39 - 4.43)	56
CDC ADDM	2007	USA	2000	8	187,761	DSM-IV	Case enumeration	6.7	(6.3 - 7.0)	36-61
CDC ADDM	2007	USA	2002	8	444,050	DSM-IV	Case enumeration	6.6	(6.3 - 6.8)	45

¹ The prevalence rate that is provided represents an average prevalence rate

² The prevalence study provided overall rate only

³ 64% had MR based IQ data and 68% had cognitive impairment based on IQ and developmental tests