

# TABLE 1

## Summary of Autism Prevalence Studies

Author	Year published	Country	Time period studied	Age range studied (years)	Number of children in population	Criteria used	Methodology used	Prevalence rate (per 10,000 children) for autism/other ASD	IQ < 70 (%)
Lotter	1966	England	1964	8 to 10	78,000	Kanner	Case enumeration and direct exam	4.5/-	84
Brask	1970	Denmark	1962	2 to 14	46,500	Kanner	Case enumeration	4.3/-	NR
Treffert	1970	US	1962–1967	3 to 12	899,750	Kanner	Case enumeration	0.7/2.4	
Wing & Gould	1979	England	1970	0 to 14	35,000	Kanner	Case enumeration and direct exam	4.6/15.7	70
Hoshino et al. <sup>1</sup>	1982	Japan	1977	0 to 17	234,039	Kanner	Case enumeration and direct exam	5.0/-	NR
Ishii & Takahashi	1983	Japan	1981	6 to 12	35,000	Rutter	Case enumeration and direct exam	16.0/-	NR
Bohman et al.	1983	Sweden	1979	0 to 20	69,000	Rutter	Case enumeration and direct exam	3.0/2.6	NR
McCarthy et al.	1984	Ireland	1978	8 to 10	65,000	Kanner	Case enumeration and direct exam	4.3/-	NR
Gillberg	1984	Sweden	1980	4 to 18	128,584	DSM-III	Case enumeration and direct exam	2.0/1.9	80, 77
Steinhausen et al.	1986	Germany	1982	0 to 14	279,616	Rutter	Case enumeration and direct exam	1.9/-	44
Steffenberg & Gillberg	1986	Sweden	1984	<10	78,413	DSM-III	Case enumeration and direct exam	4.5/2.2	88
Matsuishi et al.	1987	Japan	1983	4 to 12	32,834	DSM-III	Case enumeration and direct exam	15.5/-	NR
Burd et al.	1987	US	1985	2 to 18	180,986	DSM-III	Case enumeration and direct exam	1.2/2.1	NR
Bryson et al.	1988	Canada	1985	6 to 14	20,800	DSM-III	Case enumeration and direct exam	10.1/-	76
Tanoue et al.	1988	Japan	1977–1985	3 to 7	95,394	DSM-III	Case enumeration	13.8/-	NR
Cialdella & Mamelle	1989	France	1986	3 to 9	135,180	DSM-III	Case enumeration	5.1/5.2	NR
Sugiyama & Abe	1989	Japan	1979–1984	2 to 5	12,263	DSM-III	Population screen and direct exam	13.0/-	38
Ritvo et al.	1989	US	1984–1988	8 to 12	184,822	DSM-III	Case enumeration and direct exam	4.0/-	NR
Gillberg et al.	1991	Sweden	1988	4 to 13	78,106	DSM-III-R	Case enumeration and direct exam	7.0/2.4	82, 80
Fombonne & Mazaubrun <sup>1</sup>	1992	France	1985	9 to 13	274,816	ICD-10	Case enumeration and direct exam	4.9/-	87

Honda et al.	1996	Japan	1994	1.5 to 6	8,537	ICD-10	Population screen and direct exam	21.1/-	50
Fombonne et al.	1997	France	1992–1993	16-Aug	325,347	ICD-10	Case enumeration and direct exam	5.4/10.9	88
Arvidsson et al.	1997	Sweden	1994	3 to 6	1,941	ICD-10	Population screen and direct exam	31.0/15.0	100
Webb et al.	1997	Wales	1992	3 to 15	73,300	DSM-III-R	Case enumeration and direct exam	7.2/-	NR
Sponheim & Skjeldae	1998	Norway	1992	3 to 14	65,688	ICD-10	Case enumeration and direct exam	3.8/1.4	64
Kadesjo et al.	1999	Sweden	1992	6.7 to 7.7	826	ICD-10	Case enumeration and direct exam	60.0/60.0	60
Baird et al.	2000	England	1998	1.5 to 8	16,235	ICD-10 DSM-III-R	Population screen and direct exam	30.8/27.1	40
Powell et al.	2000	England	1995	1 to 4	29,200	DSM-IV	Case enumeration	9.6/10.6	NR
Kielinen et al.	2000	Finland	1996	18-Mar	152,732	DSM-IV	Case enumeration	12.2/1.2	73
Magnusson & Saemundsen	2000	Iceland	1997	5 to 14	43,153	ICD-10	Population screen and direct exam	8.6/4.6	95, 65
Chakrabarti & Fombonne	2001	England	1998	2.5 to 6.5	15,500	DSM-IV	Population screen and direct exam	16.8/45.8	24, 70
Fombonne et al. <sup>2</sup>	2001	UK	1999	5 to 15	12,529	DSM-IV	Population screen and direct exam	26.1	44
Bertrand et al.	2001	US	1998	3 to 10	8,996	DSM-IV DSM-III-R	Case enumeration and direct exam	40.0/67.0	49, 58
Croen et al.	2001	US	1987–1999	0 to 21	4,600,000	DSM-IV	Case enumeration	11.0/-	NR
Yeargin-Allsopp et al. <sup>2</sup>	2003	US	1996	3 to 10	290,000	DSM-IV	Case enumeration	34	64, 68
Gurney et al. <sup>2</sup>	2003	US	1981–1982, 2001–2002	6 to 17	-	DSM-IV	Case enumeration	3.0-44.0	NR
Lingam et al.	2003	UK	2000	5 to 14	186,206	ICD-10	Case enumeration	14.9/15.5	NR
Icasiano et al.	2004	Australia	2002	2 to 17	45,153	DSM-IV	Case enumeration	39.2	42
Lauritsen et al.	2004	Denmark	2001	0 to 9	682,397	ICD-10	Case enumeration	11.8/22.6	NR
Fombonne et al.	2006	Canada	1987–1998	5 to 21	27,749	DSM-IV	Case enumeration	21.6/43.3	NR
Baird et al.	2006	UK	1990–1991	9 to 10	56,946	ICD-10	Case enumeration, screen, and direct exam	38.9/77.2	56

<sup>1</sup> The prevalence rate provided represents an average prevalence rate.

<sup>2</sup> The prevalence study provided an overall rate only.

<sup>3</sup> 64% had MR based on IQ data, and 68% had cognitive impairment based on IQ and developmental tests.