

Supplemental Table 1. Number of Children aged 8 years with Autism Spectrum Disorder (ASD) and the Population of Children aged 8 years in the Surveillance Area, by Sex, Race, Ethnicity, Intellectual Disability, and Site, Autism and Developmental Disabilities Monitoring (ADDM) Network, 2020

Category	Group	Number of ASD Cases	Population
Sex	Male	4,795	118,615
	Female	1,200	114,891
Race	American Indian/Alaska Native	59	1,437
	Asian	486	13,729
	Black	1,399	47,964
	Multiracial	318	20,622
	White	3,477	137,323
Ethnicity	Hispanic	1,271	44,250
Intellectual Disability	Yes	1,565	233,506
Site	Arkansas	362	15,656
	Arizona	360	16,313
	California	710	18,238
	Georgia	522	22,684
	Maryland	486	20,835
	Minnesota	482	19,162
	Missouri	601	24,194
	New Jersey	544	17,571
	Tennessee	707	24,758
	Utah	582	25,284
	Wisconsin	642	28,811
Total		5,998	233,506

Supplemental Table 2. Prevalence and Relative Risk of Autism Spectrum Disorder among Children aged 8 years, by Social Vulnerability Index (SVI) and Intellectual Disability -- Autism and Developmental Disabilities Monitoring Network, 2020

SVI Theme	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
	N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Overall	5.87 (5.41-6.38)	7.00 (6.37-7.70)	7.49 (6.91-8.12)	1.28 (1.14-1.43)*	1.07 (0.94-1.21)
SES	5.97 (5.50-6.48)	7.08 (6.45-7.77)	7.30 (6.72-7.93)	1.22 (1.09-1.37)*	1.03 (0.91-1.17)
Household	6.16 (5.65-6.71)	6.81 (6.25-7.41)	7.21 (6.62-7.85)	1.17 (1.04-1.32)*	1.06 (0.94-1.19)
Minority	5.20 (4.70-5.77)	6.22 (5.69-6.81)	8.32 (7.74-8.94)	1.60 (1.41-1.81)*	1.34 (1.19-1.50)*
Transport	6.16 (5.68-6.69)	6.69 (6.12-7.31)	7.44 (6.83-8.11)	1.21 (1.07-1.36)*	1.11 (0.98-1.26)
Disability	6.26 (5.81-6.74)	6.50 (5.96-7.08)	8.21 (7.41-9.10)	1.31 (1.16-1.49)*	1.26 (1.10-1.45)*

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

SES = Socioeconomic Status

Supplemental Table 3. Prevalence and Relative Risk of Autism Spectrum Disorder among Children 8 years by Tertile and Site for the Overall Social Vulnerability Index (SVI) Theme-- Autism and Developmental Disabilities Monitoring Network, 2020

State	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
	N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Arkansas	25.04 (20.49-30.58)	23.08 (19.64-27.11)	21.92 (18.43-26.05)	0.88 (0.67-1.14)	0.95 (0.75-1.20)
Arizona	20.95 (17.19-25.52)	22.61 (18.86-27.09)	22.42 (19.14-26.25)	1.07 (0.83-1.38)	0.99 (0.78-1.26)
California	44.92 (39.08-51.59)	37.15 (32.45-42.50)	37.10 (33.30-41.33)	0.83 (0.69-0.98)*	1.00 (0.84-1.19)
Georgia	21.56 (18.68-24.89)	25.49 (21.19-30.63)	23.17 (20.39-26.32)	1.07 (0.89-1.30)	0.91 (0.73-1.14)
Maryland	21.80 (19.13-24.82)	27.75 (24.00-32.08)	20.38 (16.57-25.04)	0.94 (0.73-1.19)	0.73 (0.57-0.95)*
Minnesota	25.32 (22.08-29.02)	30.48 (25.37-36.58)	22.44 (19.35-26.01)	0.89 (0.72-1.08)	0.74 (0.58-0.93)*
Missouri	26.17 (23.53-29.09)	23.44 (19.97-27.48)	23.31 (19.56-27.76)	0.89 (0.73-1.09)	0.99 (0.78-1.26)
New Jersey	24.05 (20.05-28.84)	28.38 (22.95-35.04)	34.98 (31.55-38.77)	1.45 (1.18-1.79)*	1.23 (0.97-1.56)
Tennessee	29.08 (26.07-32.44)	29.81 (26.16-33.96)	26.33 (22.75-30.45)	0.91 (0.75-1.09)	0.88 (0.73-1.07)
Utah	21.27 (19.09-23.70)	26.28 (22.48-30.69)	24.73 (20.49-29.82)	1.16 (0.94-1.44)	0.94 (0.74-1.20)
Wisconsin	21.79 (19.44-24.41)	22.44 (19.21-26.20)	22.92 (19.96-26.30)	1.05 (0.88-1.26)	1.02 (0.83-1.26)

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

Supplemental Table 4. Prevalence and Relative Risk of Autism Spectrum Disorder among Children 8 years by Tertile and Site for the Socioeconomic Status (SES) Theme-- Autism and Developmental Disabilities Monitoring Network, 2020

State	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
	N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Arkansas	24.62 (20.29-29.86)	24.85 (21.32-28.94)	19.78 (16.32-23.95)	0.80 (0.61-1.06)	0.80 (0.62-1.02)
Arizona	21.05 (17.42-25.42)	24.71 (20.66-29.54)	20.94 (17.75-24.68)	0.99 (0.77-1.28)	0.85 (0.66-1.08)
California	43.53 (37.67-50.24)	41.76 (36.95-47.16)	34.64 (30.91-38.81)	0.80 (0.66-0.96)*	0.83 (0.70-0.98)*
Georgia	20.37 (17.52-23.69)	24.73 (20.40-29.96)	24.38 (21.60-27.51)	1.20 (0.99-1.45)	0.99 (0.79-1.24)
Maryland	26.64 (23.71-29.92)	20.97 (17.91-24.53)	17.98 (13.93-23.17)	0.67 (0.51-0.89)*	0.86 (0.64-1.16)
Minnesota	24.53 (21.57-27.87)	32.21 (27.13-38.19)	21.45 (18.05-25.46)	0.87 (0.71-1.08)	0.67 (0.52-0.85)*
Missouri	27.77 (24.92-30.93)	22.20 (18.93-26.02)	22.19 (18.76-26.22)	0.80 (0.65-0.98)*	1.00 (0.79-1.26)
New Jersey	24.63 (20.90-29.01)	31.48 (24.68-40.07)	34.45 (31.04-38.23)	1.40 (1.15-1.70)*	1.09 (0.84-1.43)
Tennessee	30.87 (27.41-34.74)	32.08 (28.47-36.14)	22.52 (19.50-26.00)	0.73 (0.61-0.88)*	0.70 (0.58-0.85)*
Utah	21.32 (19.03-23.87)	28.02 (24.33-32.25)	20.91 (17.26-25.32)	0.98 (0.78-1.23)	0.75 (0.59-0.95)*
Wisconsin	22.23 (19.97-24.75)	21.73 (18.43-25.60)	22.84 (19.74-26.41)	1.03 (0.86-1.23)	1.05 (0.84-1.31)

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

Supplemental Table 5. Prevalence and Relative Risk of Autism Spectrum Disorder among Children 8 years by Tertile and Site for the Household Theme -- Autism and Developmental Disabilities Monitoring Network, 2020

State	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
	N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Arkansas	27.14 (21.89-33.60)	23.15 (19.46-27.51)	21.45 (18.37-25.04)	0.79 (0.61-1.03)	0.93 (0.73-1.17)
Arizona	25.47 (21.56-30.06)	21.33 (18.02-25.24)	19.28 (15.77-23.56)	0.76 (0.58-0.98)*	0.90 (0.70-1.18)
California	42.39 (37.21-48.26)	37.92 (33.56-42.82)	37.24 (32.92-42.10)	0.88 (0.73-1.05)	0.98 (0.83-1.17)
Georgia	26.77 (23.55-30.41)	22.40 (19.32-25.97)	18.83 (15.81-22.42)	0.70 (0.57-0.87)*	0.84 (0.67-1.06)
Maryland	21.35 (18.32-24.86)	26.54 (23.33-30.18)	20.77 (17.10-25.19)	0.97 (0.76-1.25)	0.78 (0.62-0.99)*
Minnesota	25.06 (21.81-28.78)	29.61 (24.67-35.51)	23.04 (19.91-26.65)	0.92 (0.75-1.12)	0.78 (0.62-0.98)*
Missouri	24.46 (21.57-27.72)	23.97 (20.96-27.39)	26.81 (22.94-31.32)	1.10 (0.90-1.34)	1.12 (0.91-1.37)
New Jersey	21.63 (17.24-27.11)	33.98 (29.66-38.91)	32.60 (28.99-36.65)	1.51 (1.17-1.95)*	0.96 (0.80-1.15)
Tennessee	27.92 (24.72-31.53)	28.60 (25.36-32.24)	29.35 (25.58-33.67)	1.05 (0.87-1.26)	1.03 (0.85-1.23)
Utah	21.86 (19.47-24.55)	24.47 (21.18-28.25)	23.80 (19.99-28.33)	1.09 (0.88-1.34)	0.97 (0.78-1.22)
Wisconsin	20.32 (17.84-23.14)	24.64 (21.55-28.16)	22.43 (19.63-25.63)	1.10 (0.92-1.33)	0.91 (0.75-1.10)

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

Supplemental Table 6. Prevalence and Relative Risk of Autism Spectrum Disorder among Children 8 years by Tertile and Site for the Minority Theme -- Autism and Developmental Disabilities Monitoring Network, 2020

State	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
	N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Arkansas	22.80 (19.55-26.58)	23.60 (19.81-28.08)	23.05 (18.56-28.59)	1.01 (0.78-1.32)	0.98 (0.74-1.29)
Arizona	20.94 (13.45-32.47)	24.78 (21.71-28.28)	18.76 (15.79-22.28)	0.90 (0.56-1.44)	0.76 (0.61-0.94)*
California	20.69 (7.06-59.06)	35.20 (30.32-40.83)	40.46 (37.24-43.93)	1.96 (0.64-6.01)	1.15 (0.97-1.36)
Georgia	20.42 (15.25-27.30)	18.17 (14.79-22.30)	24.89 (22.56-27.45)	1.22 (0.90-1.66)	1.37 (1.09-1.72)*
Maryland	16.64 (13.78-20.09)	23.92 (20.78-27.53)	29.09 (25.30-33.44)	1.75 (1.38-2.21)*	1.22 (1.00-1.48)
Minnesota	28.09 (23.91-32.98)	23.76 (20.38-27.70)	24.37 (21.08-28.15)	0.87 (0.70-1.08)	1.03 (0.83-1.27)
Missouri	21.67 (19.35-24.26)	34.12 (29.43-39.53)	24.26 (20.56-28.61)	1.12 (0.92-1.37)	0.71 (0.57-0.89)*
New Jersey	17.79 (11.88-26.55)	23.63 (19.56-28.53)	35.15 (31.98-38.62)	1.98 (1.30-2.99)*	1.49 (1.20-1.84)*
Tennessee	26.60 (23.43-30.18)	29.23 (26.12-32.69)	30.33 (26.24-35.03)	1.14 (0.94-1.38)	1.04 (0.86-1.25)
Utah	20.80 (18.37-23.54)	26.50 (23.56-29.80)	20.14 (15.89-25.50)	0.97 (0.74-1.27)	0.76 (0.58-0.99)*
Wisconsin	20.22 (17.93-22.79)	25.61 (22.40-29.26)	22.22 (19.17-25.75)	1.10 (0.91-1.33)	0.87 (0.71-1.06)

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

Supplemental Table 7. Prevalence and Relative Risk of Autism Spectrum Disorder among Children 8 years by Tertile and Site for the Transport Theme -- Autism and Developmental Disabilities Monitoring Network, 2020

State	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
	N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Arkansas	27.63 (23.33-32.69)	17.46 (14.41-21.15)	25.43 (21.44-30.13)	0.92 (0.72-1.17)	1.46 (1.13-1.88)*
Arizona	17.46 (14.11-21.59)	25.96 (21.92-30.72)	22.42 (19.10-26.31)	1.28 (0.98-1.68)	0.86 (0.68-1.09)
California	41.76 (36.29-48.00)	39.14 (34.34-44.59)	37.24 (33.36-41.55)	0.89 (0.75-1.07)	0.95 (0.80-1.13)
Georgia	25.24 (22.18-28.71)	19.61 (16.76-22.93)	24.14 (20.54-28.35)	0.96 (0.78-1.18)	1.23 (0.98-1.54)
Maryland	22.29 (19.57-25.38)	24.58 (20.95-28.82)	23.90 (19.98-28.57)	1.07 (0.86-1.34)	0.97 (0.77-1.24)
Minnesota	24.85 (21.10-29.26)	25.06 (20.92-29.99)	25.39 (22.33-28.86)	1.02 (0.83-1.26)	1.01 (0.81-1.26)
Missouri	24.83 (22.24-27.71)	26.77 (23.44-30.56)	20.84 (16.76-25.90)	0.84 (0.66-1.07)	0.78 (0.60-1.01)
New Jersey	22.80 (18.82-27.60)	31.01 (26.89-35.75)	35.99 (31.93-40.55)	1.58 (1.26-1.98)*	1.16 (0.96-1.40)
Tennessee	26.26 (23.62-29.18)	32.17 (28.24-36.62)	29.45 (25.18-34.43)	1.12 (0.93-1.35)	0.92 (0.75-1.12)
Utah	20.54 (18.39-22.93)	25.78 (22.11-30.04)	27.99 (23.35-33.52)	1.36 (1.10-1.68)*	1.09 (0.86-1.38)
Wisconsin	20.45 (17.67-23.66)	23.08 (20.46-26.02)	23.04 (20.14-26.36)	1.13 (0.92-1.37)	1.00 (0.83-1.20)

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

Supplemental Table 8. Prevalence and Relative Risk of Autism Spectrum Disorder among Children 8 years by Tertile and Site for the Disability Variable -- Autism and Developmental Disabilities Monitoring Network, 2020

State	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
	N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Arkansas	20.76 (15.34-28.04)	24.79 (20.52-29.92)	22.87 (20.04-26.08)	1.10 (0.79-1.53)	0.92 (0.73-1.16)
Arizona	19.01 (16.43-21.99)	24.54 (20.66-29.12)	30.66 (23.69-39.61)	1.61 (1.20-2.17)*	1.25 (0.92-1.70)
California	40.36 (36.56-44.54)	38.26 (34.12-42.89)	33.28 (25.33-43.61)	0.82 (0.62-1.10)	0.87 (0.65-1.17)
Georgia	21.90 (19.40-24.71)	25.11 (21.56-29.24)	22.92 (18.95-27.69)	1.05 (0.84-1.31)	0.91 (0.72-1.16)
Maryland	25.20 (22.43-28.31)	21.82 (18.62-25.55)	19.95 (15.53-25.60)	0.79 (0.60-1.04)	0.91 (0.68-1.23)
Minnesota	23.26 (20.40-26.50)	26.18 (22.68-30.20)	29.00 (23.40-35.90)	1.25 (0.97-1.60)	1.11 (0.86-1.43)
Missouri	25.71 (22.68-29.13)	22.32 (19.36-25.70)	26.85 (23.19-31.06)	1.04 (0.86-1.27)	1.20 (0.98-1.47)
New Jersey	30.33 (27.11-33.91)	30.16 (25.94-35.05)	35.46 (28.70-43.75)	1.17 (0.92-1.49)	1.18 (0.91-1.52)
Tennessee	26.35 (23.34-29.74)	27.82 (24.59-31.46)	32.98 (28.84-37.69)	1.25 (1.04-1.50)*	1.19 (0.99-1.42)
Utah	19.69 (17.71-21.88)	29.67 (26.02-33.81)	32.17 (22.49-45.82)	1.63 (1.13-2.37)*	1.08 (0.74-1.59)
Wisconsin	20.73 (18.43-23.30)	23.23 (20.59-26.21)	24.47 (20.38-29.36)	1.18 (0.95-1.47)	1.05 (0.85-1.31)

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

Supplemental Table 9. Prevalence and Relative Risk of Autism Spectrum Disorder among Children aged 8 years by Median Household Income (MHI) Tertile and Category -- Autism and Developmental Disabilities Monitoring Network, 2020

Group	Category	Low Vulnerability	Medium Vulnerability	High Vulnerability	PR High versus Low	PR High versus Medium
		N per 1,000 (95% CI)	N per 1,000 (95% CI)	N per 1,000 (95% CI)	PR (95% CI)	PR (95% CI)
Overall	Total	23.00 (21.97-24.07)	27.20 (26.08-28.37)	26.84 (25.73-28.00)	1.17 (1.10-1.24)*	1.18 (1.11-1.26)*
Sex	Male	36.45 (34.65-38.34)	42.23 (40.29-44.25)	42.55 (40.60-44.60)	1.17 (1.09-1.25)*	1.16 (1.08-1.24)*
	Female	8.98 (8.08-9.98)	11.63 (10.61-12.76)	10.74 (9.76-11.82)	1.20 (1.04-1.38)*	1.30 (1.13-1.49)*
Race	Asian	41.25 (36.65-46.41)	35.63 (30.28-41.90)	23.59 (19.00-29.27)	0.57 (0.45-0.73)*	0.86 (0.71-1.06)
	Black	36.85 (32.12-42.26)	32.74 (29.85-35.90)	26.17 (24.41-28.06)	0.71 (0.61-0.83)*	0.89 (0.75-1.05)
	Multiracial	14.23 (11.66-17.37)	16.91 (14.18-20.15)	15.02 (12.38-18.21)	1.06 (0.80-1.39)	1.19 (0.91-1.55)
	White	20.67 (19.54-21.87)	26.56 (25.17-28.02)	31.99 (30.09-34.02)	1.55 (1.42-1.68)*	1.28 (1.19-1.39)*
	Hispanic	28.52 (25.21-32.25)	30.28 (27.66-33.13)	27.61 (25.45-29.94)	0.97 (0.84-1.12)	1.06 (0.91-1.24)
Intellectual Quotient Information	Intellectual Disability	5.17 (4.69-5.70)	6.94 (6.38-7.55)	8.01 (7.41-8.66)	1.55 (1.37-1.76)*	1.34 (1.18-1.53)*
ADDM Site	Arkansas	16.68 (11.04-25.13)	24.33 (20.08-29.45)	23.57 (20.79-26.71)	1.41 (0.92-2.18)	1.46 (0.92-2.30)
	Arizona	18.73 (15.21-23.04)	21.93 (18.45-26.05)	24.82 (21.15-29.10)	1.33 (1.02-1.72)*	1.17 (0.89-1.53)
	California	37.07 (32.96-41.68)	40.16 (35.57-45.32)	39.41 (34.22-45.35)	1.06 (0.88-1.28)	1.08 (0.92-1.28)
	Georgia	20.64 (17.52-24.31)	23.14 (19.85-26.96)	24.86 (21.83-28.30)	1.20 (0.98-1.48)	1.12 (0.90-1.40)
	Maryland	23.70 (21.07-26.65)	22.26 (19.00-26.06)	24.44 (19.18-31.09)	1.03 (0.79-1.35)	0.94 (0.77-1.14)
	Minnesota	23.46 (20.23-27.20)	29.86 (25.83-34.49)	22.50 (19.01-26.60)	0.96 (0.77-1.20)	1.27 (1.03-1.57)*
	Missouri	22.74 (19.52-26.48)	25.69 (22.65-29.13)	25.73 (22.47-29.45)	1.13 (0.92-1.39)	1.13 (0.93-1.38)
	New Jersey	23.55 (20.17-27.49)	41.37 (34.68-49.28)	33.33 (29.63-37.47)	1.41 (1.16-1.72)*	1.76 (1.39-2.22)*
	Tennessee	23.72 (20.32-27.67)	32.24 (28.83-36.05)	28.34 (25.09-31.99)	1.19 (0.98-1.45)	1.36 (1.12-1.65)*
	Utah	18.77 (16.46-21.41)	24.90 (22.05-28.10)	31.50 (26.22-37.79)	1.68 (1.34-2.10)*	1.33 (1.11-1.59)*
	Wisconsin	19.24 (16.31-22.68)	23.14 (20.44-26.19)	23.44 (20.78-26.42)	1.22 (0.99-1.49)	1.20 (0.98-1.48)

* = statistically significant

CI= Confidence Interval

PR = Prevalence Ratio

High MHI equals low vulnerability; Low MHI equals high vulnerability