

**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)  
and Prevalence (Number) by Race and State or Territory: BRFSS 2009**

State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)	Prevalence (number)	95% CI* (number)
U.S. Total**	White	353,243	13.2	0.12	(13.0 - 13.4)	23,606,397	(23,166,087 - 24,046,708)
U.S. Total**	Black	34,036	14.8	0.44	(13.9 - 15.6)	3,717,326	(3,484,863 - 3,949,790)
U.S. Total**	Other	23,787	12.2	0.51	(11.2 - 13.2)	2,345,106	(2,141,712 - 2,548,499)
U.S. Total**	Multi	7,730	21.3	1.07	(19.2 - 23.4)	886,482	(788,193 - 984,772)
AL	White	4,711	10.8	0.65	(9.5 - 12.1)	271,687	(239,174 - 304,200)
AL	Black	1,825	13.4	1.37	(10.7 - 16.0)	116,718	(91,749 - 141,686)
AL	Other	123	22.1	5.39	(11.4 - 32.7)	21,797	(10,203 - 33,391)
AL	Multi	72	17.4	6.66	(4.1 - 30.7)	6,500	(1,186 - 11,813)
AK	White	1,723	14.6	1.28	(12.0 - 17.1)	54,009	(44,495 - 63,523)
AK	Black	31	31.2	13.82	(3.0 - 59.4)	3,105	(0 - 6,807)
AK	Other	564	9.2	1.45	(6.3 - 12.0)	9,804	(6,743 - 12,866)
AK	Multi	90	30.3	7.08	(16.2 - 44.4)	5,420	(2,325 - 8,515)
AZ	White	4,542	16.8	1.18	(14.5 - 19.1)	654,367	(559,292 - 749,443)
AZ	Black	69	21.1	10.12	(0.9 - 41.3)	25,252	(0 - 54,286)
AZ	Other	680	6.8	1.44	(4.0 - 9.7)	47,922	(28,460 - 67,385)
AZ	Multi	69	42.2	11.61	(19.0 - 65.4)	15,121	(3,425 - 26,817)
AR	White	3,282	11.2	0.85	(9.5 - 12.8)	206,836	(174,682 - 238,990)
AR	Black	521	16.4	3.17	(10.2 - 22.6)	28,982	(16,805 - 41,159)
AR	Other	83	10.2	3.19	(3.8 - 16.5)	5,877	(2,359 - 9,395)
AR	Multi	58	13.3	4.47	(4.3 - 22.2)	4,481	(1,578 - 7,384)
CA	White	14,713	13.4	0.40	(12.6 - 14.2)	2,952,779	(2,771,490 - 3,134,067)
CA	Black	771	14.7	1.91	(10.9 - 18.4)	249,052	(179,739 - 318,364)
CA	Other	1,512	14.2	1.32	(11.6 - 16.8)	496,959	(397,207 - 596,711)
CA	Multi	318	15.6	2.78	(10.1 - 21.0)	92,432	(58,158 - 126,707)
CO	White	10,663	13.6	0.52	(12.6 - 14.6)	428,069	(394,521 - 461,616)
CO	Black	211	15.2	3.23	(8.8 - 21.5)	18,879	(10,331 - 27,426)
CO	Other	675	10.1	1.52	(7.1 - 13.1)	36,866	(25,547 - 48,185)
CO	Multi	173	19.1	3.91	(11.3 - 26.8)	12,375	(7,136 - 17,615)
CT	White	5,501	15.7	0.82	(14.1 - 17.3)	361,907	(321,672 - 402,142)

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State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)		Prevalence (number)	95% CI* (number)
CT	Black	435	14.6	3.96	(6.9 - 22.4)		19,522	(7,840 - 31,204)
CT	Other	396	12.2	2.35	(7.6 - 16.8)		23,493	(14,226 - 32,760)
CT	Multi	37	11.2				1,805	
DE	White	3,537	13.2	0.95	(11.3 - 15.1)		67,926	(57,722 - 78,129)
DE	Black	543	20.6	2.96	(14.8 - 26.4)		18,877	(12,721 - 25,032)
DE	Other	161	11.6	2.95	(5.8 - 17.5)		4,561	(2,318 - 6,803)
DE	Multi	76	23.0	8.33	(6.4 - 39.6)		4,104	(626 - 7,582)
DC	White	1,890	14.1	1.12	(11.9 - 16.3)		32,756	(27,317 - 38,194)
DC	Black	1,659	17.5	1.34	(14.9 - 20.1)		33,909	(28,426 - 39,392)
DC	Other	204	18.1	3.45	(11.3 - 24.9)		6,104	(3,580 - 8,628)
DC	Multi	59	21.6	10.27	(1.1 - 42.2)		1,852	(0 - 3,999)
FL	White	10,298	10.7	0.57	(9.6 - 11.8)		1,141,751	(1,019,414 - 1,264,088)
FL	Black	963	14.5	2.09	(10.4 - 18.6)		310,677	(215,636 - 405,719)
FL	Other	495	9.9	2.41	(5.1 - 14.6)		134,483	(66,382 - 202,584)
FL	Multi	141	25.8	8.61	(8.8 - 42.9)		51,673	(10,492 - 92,854)
GA	White	4,199	12.1	0.82	(10.5 - 13.7)		537,613	(462,181 - 613,044)
GA	Black	1,329	9.1	1.37	(6.4 - 11.8)		183,068	(126,453 - 239,682)
GA	Other	218	10.8	2.84	(5.2 - 16.4)		63,214	(29,240 - 97,188)
GA	Multi	58	21.1	7.90	(5.2 - 36.9)		22,513	(4,422 - 40,605)
HI	White	2,371	13.7	1.07	(11.6 - 15.8)		34,539	(28,835 - 40,242)
HI	Black	42	2.8				241	
HI	Other	2,528	13.6	1.01	(11.6 - 15.5)		61,266	(51,800 - 70,731)
HI	Multi	1,702	25.5	1.61	(22.4 - 28.7)		73,246	(62,708 - 83,785)
ID	White	5,063	12.3	0.64	(11.1 - 13.6)		129,135	(115,669 - 142,602)
ID	Black	12	29.1				1,014	
ID	Other	139	17.1	4.93	(7.4 - 26.9)		6,256	(2,282 - 10,230)
ID	Multi	72	24.1	7.18	(9.8 - 38.4)		4,427	(1,642 - 7,213)
IL	White	4,942	12.5	0.66	(11.2 - 13.8)		888,903	(792,958 - 984,848)
IL	Black	528	19.3	2.32	(14.8 - 23.9)		254,281	(187,958 - 320,604)

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State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)		Prevalence (number)	95% CI* (number)
IL	Other	291	10.5	2.31	(5.9 - 15.0)		115,910	(62,601 - 169,219)
IL	Multi	59	22.0	6.55	(8.9 - 35.2)		27,792	(10,262 - 45,323)
IN	White	7,720	13.0	0.58	(11.8 - 14.1)		543,166	(492,952 - 593,379)
IN	Black	1,184	15.5	2.26	(11.1 - 20.0)		51,594	(35,766 - 67,421)
IN	Other	133	10.9	3.45	(4.1 - 17.7)		13,207	(5,078 - 21,337)
IN	Multi	108	18.9	4.78	(9.4 - 28.3)		10,524	(5,022 - 16,026)
IA	White	5,731	10.6	0.62	(9.4 - 11.8)		228,531	(201,332 - 255,730)
IA	Black	84	14.5	5.12	(4.4 - 24.7)		5,021	(1,275 - 8,768)
IA	Other	134	5.9	1.84	(2.2 - 9.5)		4,542	(1,757 - 7,327)
IA	Multi	34	9.9				1,726	
KS	White	16,892	12.4	0.41	(11.7 - 13.2)		227,892	(212,422 - 243,362)
KS	Black	744	14.8	2.17	(10.6 - 19.1)		11,558	(7,884 - 15,231)
KS	Other	839	9.0	1.31	(6.4 - 11.6)		11,845	(8,298 - 15,392)
KS	Multi	298	26.8	3.56	(19.8 - 33.8)		10,758	(7,589 - 13,927)
KY	White	8,104	14.8	0.72	(13.4 - 16.2)		436,640	(392,754 - 480,527)
KY	Black	1,139	11.9	2.74	(6.5 - 17.3)		20,158	(10,855 - 29,461)
KY	Other	175	10.7	2.85	(5.0 - 16.3)		10,068	(5,490 - 14,645)
KY	Multi	160	38.7	7.77	(23.4 - 54.1)		19,692	(9,358 - 30,027)
LA	White	6,398	10.6	0.60	(9.5 - 11.8)		237,771	(210,155 - 265,387)
LA	Black	2,031	11.4	0.97	(9.5 - 13.3)		104,240	(86,041 - 122,439)
LA	Other	288	13.8	3.38	(7.1 - 20.4)		18,317	(8,681 - 27,953)
LA	Multi	103	15.0	5.93	(3.2 - 26.8)		5,928	(809 - 11,048)
ME	White	7,787	15.1	0.57	(14.0 - 16.3)		151,749	(139,936 - 163,562)
ME	Black	20	1.1				63	
ME	Other	96	19.1	5.22	(8.8 - 29.5)		2,743	(1,112 - 4,375)
ME	Multi	79	26.4	6.36	(13.8 - 39.1)		2,466	(1,065 - 3,867)
MD	White	6,542	13.0	0.62	(11.7 - 14.2)		340,189	(306,514 - 373,864)
MD	Black	1,454	15.6	1.36	(12.9 - 18.2)		176,872	(144,043 - 209,700)
MD	Other	341	13.3	2.54	(8.3 - 18.3)		52,488	(31,485 - 73,491)

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MD	Multi	100	24.5	6.52	(11.6 - 37.4)		17,845	(6,668 - 29,022)
MA	White	13,928	15.7	0.59	(14.6 - 16.9)		646,135	(595,409 - 696,860)
MA	Black	966	18.7	2.33	(14.1 - 23.3)		53,996	(39,209 - 68,782)
MA	Other	1,309	14.5	1.76	(11.0 - 17.9)		69,562	(51,978 - 87,146)
MA	Multi	176	22.2	4.23	(13.9 - 30.6)		12,840	(8,056 - 17,625)
MI	White	7,121	14.8	0.58	(13.6 - 15.9)		904,168	(831,702 - 976,633)
MI	Black	1,572	17.9	1.70	(14.6 - 21.2)		158,099	(126,743 - 189,454)
MI	Other	204	15.4	4.00	(7.5 - 23.3)		50,401	(21,930 - 78,872)
MI	Multi	214	35.9	6.21	(23.7 - 48.1)		83,309	(45,967 - 120,650)
MN	White	5,306	9.0	0.56	(7.9 - 10.1)		329,920	(288,713 - 371,127)
MN	Black	115	22.9	7.16	(8.7 - 37.1)		24,734	(6,020 - 43,448)
MN	Other	129	14.1	5.48	(3.3 - 25.0)		21,994	(3,330 - 40,658)
MN	Multi	26	12.8				3,203	
MS	White	7,604	11.5	0.57	(10.4 - 12.6)		155,542	(139,672 - 171,413)
MS	Black	3,304	13.8	0.95	(12.0 - 15.7)		103,549	(88,752 - 118,346)
MS	Other	163	13.9	3.70	(6.6 - 21.2)		6,788	(3,044 - 10,533)
MS	Multi	54	7.4				832	
MO	White	4,341	14.0	0.93	(12.2 - 15.8)		538,932	(464,610 - 613,253)
MO	Black	449	15.2	2.22	(10.8 - 19.5)		57,166	(39,935 - 74,396)
MO	Other	123	18.6	5.71	(7.3 - 30.0)		27,266	(8,395 - 46,138)
MO	Multi	106	20.5	7.28	(6.1 - 35.0)		22,423	(3,911 - 40,936)
MT	White	6,769	11.7	0.59	(10.6 - 12.9)		79,429	(71,443 - 87,416)
MT	Black	11	4.4				147	
MT	Other	663	15.4	2.36	(10.8 - 20.1)		8,609	(5,929 - 11,290)
MT	Multi	124	25.6	6.43	(12.9 - 38.3)		2,763	(1,122 - 4,404)
NE	White	15,072	11.3	0.61	(10.1 - 12.5)		136,323	(121,177 - 151,470)
NE	Black	111	14.4	4.43	(5.6 - 23.2)		4,709	(1,646 - 7,772)
NE	Other	584	9.6	2.58	(4.6 - 14.7)		8,273	(3,693 - 12,854)
NE	Multi	127	25.3	6.19	(13.1 - 37.6)		2,744	(1,259 - 4,229)

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State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)		Prevalence (number)	95% CI* (number)
NV	White	3,231	13.9	1.12	(11.8 - 16.1)		209,268	(174,529 - 244,007)
NV	Black	116	14.1	3.87	(6.5 - 21.8)		13,709	(6,094 - 21,325)
NV	Other	358	12.4	2.98	(6.5 - 18.2)		38,384	(19,258 - 57,509)
NV	Multi	82	15.0	5.44	(4.2 - 25.8)		5,480	(1,310 - 9,650)
NH	White	5,693	16.3	0.79	(14.7 - 17.8)		157,837	(141,902 - 173,772)
NH	Black	35	18.3	8.87	(0.3 - 36.3)		1,881	(0 - 3,823)
NH	Other	138	14.6	3.92	(6.8 - 22.3)		4,431	(1,919 - 6,943)
NH	Multi	45	21.6	9.27	(2.9 - 40.3)		1,564	(0 - 3,166)
NJ	White	9,429	12.1	0.54	(11.0 - 13.1)		539,798	(490,197 - 589,399)
NJ	Black	1,424	16.7	1.59	(13.5 - 19.8)		143,763	(114,378 - 173,149)
NJ	Other	1,210	11.4	1.25	(8.9 - 13.8)		126,555	(98,010 - 155,100)
NJ	Multi	91	19.8	6.90	(6.1 - 33.6)		13,004	(2,538 - 23,469)
NM	White	6,646	13.8	0.67	(12.5 - 15.1)		150,452	(135,543 - 165,362)
NM	Black	114	17.8	5.30	(7.3 - 28.3)		4,167	(1,543 - 6,792)
NM	Other	1,752	11.6	1.22	(9.2 - 14.0)		37,836	(29,577 - 46,095)
NM	Multi	145	15.2	4.09	(7.1 - 23.3)		3,735	(1,621 - 5,849)
NY	White	5,718	15.0	0.71	(13.6 - 16.4)		1,541,776	(1,390,010 - 1,693,542)
NY	Black	600	14.8	1.78	(11.3 - 18.3)		333,537	(249,568 - 417,507)
NY	Other	295	12.1	2.29	(7.6 - 16.6)		176,895	(107,007 - 246,783)
NY	Multi	82	12.7	4.22	(4.3 - 21.1)		32,131	(10,509 - 53,753)
NC	White	10,387	12.6	0.55	(11.5 - 13.7)		616,438	(561,478 - 671,399)
NC	Black	1,823	15.2	1.44	(12.4 - 18.0)		198,367	(158,725 - 238,009)
NC	Other	779	6.8	1.34	(4.1 - 9.4)		43,670	(26,715 - 60,626)
NC	Multi	173	33.8	10.17	(13.7 - 53.8)		38,944	(5,416 - 72,472)
ND	White	4,494	11.2	0.67	(9.8 - 12.5)		50,651	(44,482 - 56,820)
ND	Black	19	0.0				0	
ND	Other	161	15.0	3.60	(7.9 - 22.1)		4,186	(2,118 - 6,254)
ND	Multi	38	53.1	11.74	(29.3 - 76.8)		3,534	(775 - 6,293)
OH	White	8,532	14.9	0.65	(13.6 - 16.1)		1,129,796	(1,026,558 - 1,233,035)

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OH	Black	791	15.9	1.89	(12.2 - 19.6)		109,390	(81,714 - 137,065)
OH	Other	249	11.0	2.62	(5.9 - 16.2)		32,788	(16,747 - 48,829)
OH	Multi	105	30.0	6.99	(16.1 - 43.8)		29,871	(13,102 - 46,639)
OK	White	6,041	15.4	0.69	(14.1 - 16.8)		306,960	(277,936 - 335,983)
OK	Black	472	15.0	2.27	(10.5 - 19.5)		28,739	(19,563 - 37,915)
OK	Other	816	16.1	1.97	(12.3 - 20.0)		63,711	(46,811 - 80,611)
OK	Multi	469	16.1	2.34	(11.5 - 20.7)		26,239	(18,097 - 34,381)
OR	White	3,668	15.6	0.84	(14.0 - 17.3)		378,911	(336,880 - 420,941)
OR	Black	19	14.7				1,587	
OR	Other	157	15.1	3.24	(8.7 - 21.5)		23,935	(13,398 - 34,472)
OR	Multi	396	23.6	3.36	(17.0 - 30.2)		73,896	(49,917 - 97,875)
PA	White	8,416	13.1	0.57	(12.0 - 14.2)		1,073,837	(976,997 - 1,170,676)
PA	Black	440	15.9	2.74	(10.5 - 21.3)		141,328	(87,829 - 194,826)
PA	Other	128	12.0	3.65	(4.8 - 19.2)		38,449	(14,179 - 62,718)
PA	Multi	78	19.2	7.10	(5.1 - 33.4)		22,489	(4,163 - 40,816)
RI	White	5,540	15.9	0.77	(14.4 - 17.4)		114,498	(102,896 - 126,100)
RI	Black	238	17.8	3.78	(10.3 - 25.2)		5,237	(2,878 - 7,596)
RI	Other	344	11.9	2.23	(7.5 - 16.3)		5,938	(3,665 - 8,210)
RI	Multi	42	21.0	7.37	(6.1 - 35.9)		1,771	(497 - 3,045)
SC	White	6,552	11.9	0.66	(10.6 - 13.2)		273,150	(242,297 - 304,004)
SC	Black	2,835	15.5	1.47	(12.7 - 18.4)		141,475	(112,739 - 170,210)
SC	Other	231	10.4	3.53	(3.5 - 17.4)		12,976	(3,713 - 22,240)
SC	Multi	143	22.4	6.04	(10.5 - 34.4)		15,393	(6,052 - 24,735)
SD	White	5,941	11.1	0.64	(9.8 - 12.3)		61,038	(53,843 - 68,233)
SD	Black	19	17.5				571	
SD	Other	757	14.6	2.58	(9.5 - 19.7)		6,430	(4,041 - 8,819)
SD	Multi	69	31.9	9.06	(13.8 - 50.0)		1,395	(435 - 2,354)
TN	White	4,728	12.7	0.78	(11.2 - 14.3)		482,367	(421,951 - 542,783)
TN	Black	705	9.1	1.70	(5.8 - 12.5)		72,578	(45,018 - 100,139)

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TN	Other	56	6.9			6,948	
TN	Multi	61	9.5	4.35	(0.8 - 18.2)	6,755	(477 - 13,033)
TX	White	9,211	12.7	0.61	(11.5 - 13.9)	1,587,888	(1,434,363 - 1,741,412)
TX	Black	893	13.9	2.14	(9.7 - 18.1)	279,168	(187,304 - 371,031)
TX	Other	644	12.8	2.43	(8.0 - 17.6)	213,976	(129,218 - 298,734)
TX	Multi	162	10.7	3.82	(3.2 - 18.3)	22,472	(5,803 - 39,142)
UT	White	9,303	13.8	0.56	(12.7 - 14.9)	236,217	(216,680 - 255,755)
UT	Black	30	32.7	15.10	(1.9 - 63.6)	2,270	(0 - 5,250)
UT	Other	622	10.6	1.64	(7.3 - 13.8)	16,211	(11,036 - 21,386)
UT	Multi	101	25.5	6.91	(11.8 - 39.2)	4,451	(1,521 - 7,381)
VT	White	6,393	14.5	0.62	(13.3 - 15.7)	68,027	(62,029 - 74,026)
VT	Black	27	25.1	12.86	(0.0 - 51.5)	530	(0 - 1,223)
VT	Other	83	25.4	6.58	(12.3 - 38.4)	2,136	(867 - 3,404)
VT	Multi	74	22.0	5.56	(10.9 - 33.1)	1,161	(521 - 1,802)
VA	White	4,123	11.5	0.78	(9.9 - 13.0)	532,260	(458,698 - 605,821)
VA	Black	744	18.4	3.11	(12.3 - 24.5)	151,134	(95,456 - 206,812)
VA	Other	197	15.3	7.39	(0.7 - 29.8)	59,280	(0 - 124,257)
VA	Multi	44	15.0	7.52	(0.0 - 30.1)	7,107	(0 - 14,662)
WA	White	18,055	15.3	0.41	(14.5 - 16.1)	653,117	(616,629 - 689,605)
WA	Black	226	10.4	2.63	(5.2 - 15.6)	8,844	(4,241 - 13,446)
WA	Other	1,203	13.8	1.45	(11.0 - 16.6)	63,536	(49,412 - 77,659)
WA	Multi	453	19.7	2.35	(15.1 - 24.3)	26,109	(19,979 - 32,240)
WV	White	4,597	12.3	0.63	(11.1 - 13.5)	168,291	(150,848 - 185,733)
WV	Black	89	13.9	4.94	(4.1 - 23.7)	3,046	(707 - 5,385)
WV	Other	39	13.9	5.88	(2.0 - 25.8)	1,880	(191 - 3,568)
WV	Multi	71	16.9	5.66	(5.6 - 28.1)	3,640	(946 - 6,333)
WI	White	4,060	12.9	0.89	(11.1 - 14.6)	505,631	(434,088 - 577,173)
WI	Black	230	29.0	6.92	(15.3 - 42.6)	40,406	(15,829 - 64,983)
WI	Other	185	11.9	3.90	(4.2 - 19.6)	21,613	(7,031 - 36,196)

## Notes:

\*CI denotes confidence interval.

\*\*U.S. Total includes 50 states plus the District of Columbia and excludes the three territories.

If values for the standard error and the 95% confidence interval are not provided, the normal approximation to the binomial distribution does not apply due to small sample size.

When the sample size is less than 50, estimates are not precise and should be interpreted with caution.

**Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)  
and Prevalence (Number) by Race and State or Territory: BRFSS 2009**

State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)	    	Prevalence (number)	95% CI* (number)
WI	Multi	52	39.5	12.29	(14.8 - 64.2)		23,031	(3,059 - 43,002)
WY	White	5,735	13.1	0.64	(11.9 - 14.4)		49,527	(44,547 - 54,507)
WY	Black	24	7.5				121	
WY	Other	133	18.8	5.41	(8.1 - 29.5)		2,726	(1,074 - 4,379)
WY	Multi	61	40.1	8.71	(22.7 - 57.5)		1,515	(623 - 2,408)
Territories								
GU	White	102	9.5	3.70	(2.2 - 16.8)		663	(121 - 1,205)
GU	Black	12	0.0				0	
GU	Other	1,062	9.0	1.00	(7.1 - 11.0)		8,185	(6,401 - 9,968)
GU	Multi	86	18.8	4.57	(9.7 - 27.9)		1,291	(636 - 1,946)
PR	White	2,507	15.3	0.96	(13.4 - 17.2)		245,176	(213,066 - 277,286)
PR	Black	180	11.2	3.09	(5.1 - 17.4)		16,447	(7,011 - 25,883)
PR	Other	1,520	15.7	1.25	(13.2 - 18.1)		169,427	(140,848 - 198,007)
PR	Multi	16	4.1				593	
VI	White	473	9.4	1.82	(5.8 - 12.9)		1,037	(619 - 1,455)
VI	Black	1,793	9.5	0.91	(7.7 - 11.2)		5,298	(4,274 - 6,322)
VI	Other	97	12.2	4.62	(3.0 - 21.4)		349	(64 - 634)
VI	Multi	47	8.4				115	

## Notes:

\*CI denotes confidence interval.

\*\*U.S. Total includes 50 states plus the District of Columbia and excludes the three territories.

If values for the standard error and the 95% confidence interval are not provided, the normal approximation to the binomial distribution does not apply due to small sample size.

When the sample size is less than 50, estimates are not precise and should be interpreted with caution.