

Table L4
Adult Self-Reported Lifetime Asthma Prevalence Rate (Percent)
and Prevalence (Number) by Race and State or Territory: BRFSS 2012

State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)	Prevalence (number)	95% CI* (number)
U.S. Total**	White	379,129	12.8	0.11	(12.5 - 13.0)	22,639,053	(22,230,776 - 23,047,331)
U.S. Total**	Black	41,309	15.7	0.36	(15.0 - 16.4)	4,591,971	(4,365,966 - 4,817,975)
U.S. Total**	Other	29,027	12.4	0.45	(11.5 - 13.2)	2,776,228	(2,565,690 - 2,986,767)
U.S. Total**	Multi	9,842	21.5	1.00	(19.5 - 23.5)	976,249	(874,693 - 1,077,804)
AL	White	6,307	12.0	0.59	(10.9 - 13.2)	306,905	(276,593 - 337,218)
AL	Black	2,312	16.4	1.34	(13.8 - 19.0)	150,984	(124,086 - 177,881)
AL	Other	225	14.4	3.93	(6.7 - 22.1)	19,622	(8,052 - 31,192)
AL	Multi	94	20.9	6.65	(7.7 - 34.1)	12,357	(3,397 - 21,317)
AK	White	2,989	14.0	0.84	(12.4 - 15.7)	52,463	(46,119 - 58,806)
AK	Black	61	18.0	5.52	(6.9 - 29.0)	3,839	(1,321 - 6,357)
AK	Other	1,048	11.3	1.41	(8.6 - 14.1)	13,681	(10,200 - 17,161)
AK	Multi	172	23.0	5.24	(12.7 - 33.4)	4,866	(2,306 - 7,426)
AZ	White	5,902	15.2	0.76	(13.7 - 16.7)	537,560	(482,332 - 592,787)
AZ	Black	129	7.2	2.38	(2.5 - 11.9)	13,928	(4,721 - 23,135)
AZ	Other	977	8.7	1.40	(5.9 - 11.4)	82,778	(55,672 - 109,885)
AZ	Multi	119	24.8	6.97	(11.0 - 38.6)	20,603	(7,793 - 33,413)
AR	White	4,020	13.0	0.73	(11.5 - 14.4)	226,554	(200,652 - 252,455)
AR	Black	795	12.1	1.79	(8.6 - 15.6)	39,191	(27,099 - 51,283)
AR	Other	206	8.9	2.37	(4.2 - 13.6)	9,148	(4,272 - 14,025)
AR	Multi	83	11.5	3.75	(4.0 - 18.9)	3,380	(1,178 - 5,582)
CA	White	11,700	13.7	0.44	(12.8 - 14.5)	2,757,586	(2,577,231 - 2,937,942)
CA	Black	772	18.2	1.82	(14.7 - 21.8)	356,189	(279,945 - 432,433)
CA	Other	1,491	14.6	1.25	(12.1 - 17.0)	824,050	(674,746 - 973,355)
CA	Multi	481	22.7	2.71	(17.4 - 28.0)	194,828	(143,839 - 245,817)
CO	White	10,743	12.3	0.43	(11.5 - 13.1)	400,460	(372,120 - 428,800)
CO	Black	242	22.3	3.34	(15.7 - 28.9)	36,252	(23,990 - 48,513)
CO	Other	744	13.7	1.62	(10.5 - 16.8)	50,676	(38,113 - 63,239)
CO	Multi	255	16.5	2.92	(10.8 - 22.3)	12,595	(7,969 - 17,221)
CT	White	7,200	13.2	0.58	(12.1 - 14.4)	281,418	(255,958 - 306,879)

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CT	Black	667	17.5	1.82	(14.0 - 21.1)		46,531	(36,640 - 56,423)
CT	Other	618	17.3	2.18	(13.1 - 21.6)		51,609	(37,588 - 65,631)
CT	Multi	80	25.1	5.72	(13.7 - 36.4)		6,918	(3,550 - 10,286)
DE	White	4,071	12.0	0.68	(10.7 - 13.4)		59,493	(52,688 - 66,299)
DE	Black	740	18.4	1.84	(14.8 - 22.0)		26,361	(20,703 - 32,019)
DE	Other	191	12.5	3.47	(5.7 - 19.4)		6,307	(2,596 - 10,018)
DE	Multi	114	27.4	5.68	(16.1 - 38.7)		3,183	(1,676 - 4,690)
DC	White	1,739	11.2	1.38	(8.5 - 13.9)		26,081	(19,480 - 32,682)
DC	Black	1,748	18.6	1.51	(15.6 - 21.6)		43,385	(35,884 - 50,885)
DC	Other	179	11.3	3.21	(5.0 - 17.7)		4,728	(1,951 - 7,505)
DC	Multi	67	23.2	7.52	(8.2 - 38.2)		2,123	(574 - 3,673)
FL	White	6,175	12.0	0.68	(10.7 - 13.4)		1,339,999	(1,184,626 - 1,495,371)
FL	Black	791	12.5	1.66	(9.2 - 15.7)		287,068	(208,413 - 365,724)
FL	Other	297	12.3	3.07	(6.2 - 18.3)		120,381	(55,921 - 184,842)
FL	Multi	147	25.2	6.51	(12.3 - 38.0)		88,556	(33,490 - 143,621)
GA	White	4,136	12.1	0.76	(10.6 - 13.6)		536,400	(466,488 - 606,313)
GA	Black	1,502	15.9	1.34	(13.2 - 18.5)		352,393	(289,464 - 415,322)
GA	Other	295	9.4	2.05	(5.4 - 13.5)		50,205	(28,050 - 72,360)
GA	Multi	92	15.9	4.86	(6.3 - 25.5)		20,859	(7,038 - 34,680)
HI	White	2,502	11.3	1.00	(9.3 - 13.3)		33,029	(26,910 - 39,149)
HI	Black	76	12.8	5.82	(1.2 - 24.4)		2,022	(47 - 3,997)
HI	Other	2,913	12.1	0.88	(10.4 - 13.8)		59,887	(51,002 - 68,772)
HI	Multi	2,031	21.7	1.41	(19.0 - 24.5)		58,280	(50,083 - 66,478)
ID	White	5,511	11.6	0.75	(10.1 - 13.0)		120,805	(105,215 - 136,395)
ID	Black	15	14.0				1,010	
ID	Other	115	10.9	3.91	(3.2 - 18.7)		4,220	(1,153 - 7,287)
ID	Multi	69	18.4	7.34	(3.8 - 33.1)		3,529	(566 - 6,492)
IL	White	4,667	11.7	0.69	(10.3 - 13.0)		866,070	(761,692 - 970,448)
IL	Black	528	19.8	2.64	(14.6 - 25.0)		278,815	(195,928 - 361,702)

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IL	Other	263	7.5	1.95	(3.7 - 11.3)		55,422	(26,278 - 84,566)
IL	Multi	85	14.3	5.05	(4.3 - 24.4)		27,616	(6,517 - 48,715)
IN	White	7,215	12.3	0.51	(11.3 - 13.3)		518,541	(474,798 - 562,285)
IN	Black	933	17.4	2.08	(13.3 - 21.5)		74,923	(55,587 - 94,258)
IN	Other	146	15.3	4.64	(6.2 - 24.5)		15,078	(5,040 - 25,116)
IN	Multi	137	20.8	4.45	(12.0 - 29.7)		15,195	(8,033 - 22,358)
IA	White	6,729	11.4	0.52	(10.4 - 12.5)		245,132	(222,452 - 267,813)
IA	Black	94	21.5	5.58	(10.4 - 32.5)		9,489	(3,759 - 15,218)
IA	Other	221	5.8	1.68	(2.5 - 9.1)		6,052	(2,571 - 9,532)
IA	Multi	58	40.6	8.21	(24.2 - 57.1)		13,323	(6,594 - 20,052)
KS	White	10,496	11.6	0.42	(10.8 - 12.5)		207,625	(192,533 - 222,717)
KS	Black	548	15.1	2.31	(10.6 - 19.6)		18,061	(12,205 - 23,917)
KS	Other	520	11.4	1.66	(8.2 - 14.7)		22,212	(15,591 - 28,833)
KS	Multi	160	17.7	3.88	(10.0 - 25.3)		7,110	(3,725 - 10,496)
KY	White	9,600	15.4	0.56	(14.3 - 16.5)		456,935	(422,811 - 491,059)
KY	Black	1,069	20.3	2.39	(15.6 - 25.0)		51,087	(38,155 - 64,019)
KY	Other	208	18.0	4.67	(8.8 - 27.2)		16,034	(6,928 - 25,140)
KY	Multi	237	33.6	7.47	(18.8 - 48.3)		11,935	(4,647 - 19,224)
LA	White	6,011	11.3	0.64	(10.0 - 12.5)		247,165	(218,855 - 275,476)
LA	Black	2,682	14.0	1.19	(11.6 - 16.3)		153,477	(126,119 - 180,834)
LA	Other	221	12.1	3.57	(5.0 - 19.1)		16,309	(6,107 - 26,510)
LA	Multi	79	10.8	5.43	(0.0 - 21.6)		3,967	(0 - 8,146)
ME	White	9,436	14.8	0.48	(13.9 - 15.8)		148,892	(139,195 - 158,589)
ME	Black	42	14.0	6.99	(0.0 - 28.2)		944	(0 - 1,983)
ME	Other	166	14.4	3.64	(7.2 - 21.6)		2,791	(1,279 - 4,303)
ME	Multi	127	25.9	6.07	(13.9 - 37.9)		3,808	(1,645 - 5,970)
MD	White	9,352	13.7	0.67	(12.4 - 15.0)		360,051	(323,223 - 396,880)
MD	Black	2,495	15.6	1.15	(13.3 - 17.8)		202,465	(170,857 - 234,072)
MD	Other	579	5.0	0.98	(3.1 - 6.9)		23,608	(14,496 - 32,719)

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MD	Multi	170	15.5	4.95	(5.8 - 25.3)		8,517	(2,573 - 14,461)
MA	White	17,577	15.3	0.44	(14.4 - 16.1)		629,938	(592,538 - 667,337)
MA	Black	1,396	15.0	1.46	(12.2 - 17.9)		50,350	(40,062 - 60,637)
MA	Other	1,953	15.7	1.22	(13.3 - 18.1)		95,290	(79,685 - 110,895)
MA	Multi	349	27.2	3.80	(19.8 - 34.7)		14,671	(9,968 - 19,374)
MI	White	8,076	14.6	0.54	(13.5 - 15.6)		886,405	(818,292 - 954,518)
MI	Black	1,704	20.3	1.63	(17.1 - 23.5)		205,794	(170,368 - 241,219)
MI	Other	295	17.9	3.32	(11.4 - 24.5)		50,262	(29,595 - 70,930)
MI	Multi	274	24.4	3.37	(17.7 - 31.0)		24,009	(16,550 - 31,468)
MN	White	10,963	10.6	0.39	(9.8 - 11.4)		370,622	(343,000 - 398,243)
MN	Black	459	17.2	2.61	(12.0 - 22.3)		33,621	(22,629 - 44,613)
MN	Other	553	13.6	2.02	(9.6 - 17.6)		39,394	(27,000 - 51,788)
MN	Multi	118	23.6	5.56	(12.6 - 34.6)		13,823	(6,321 - 21,325)
MS	White	4,949	11.3	0.65	(10.1 - 12.6)		153,238	(135,518 - 170,958)
MS	Black	2,600	12.4	0.92	(10.6 - 14.2)		99,447	(84,370 - 114,523)
MS	Other	120	8.5	2.96	(2.6 - 14.4)		4,046	(1,198 - 6,895)
MS	Multi	56	12.2	7.42	(0.0 - 27.0)		2,787	(0 - 6,435)
MO	White	5,492	13.8	0.67	(12.5 - 15.1)		531,643	(479,463 - 583,824)
MO	Black	859	19.5	2.31	(15.0 - 24.1)		98,865	(73,402 - 124,328)
MO	Other	162	11.7	3.21	(5.4 - 18.1)		18,974	(8,316 - 29,632)
MO	Multi	156	26.2	6.41	(13.5 - 38.8)		13,717	(5,506 - 21,928)
MT	White	7,647	13.3	0.53	(12.3 - 14.4)		93,525	(86,037 - 101,013)
MT	Black	16	28.4				481	
MT	Other	725	17.2	2.41	(12.5 - 21.9)		9,594	(6,651 - 12,538)
MT	Multi	204	19.1	3.87	(11.4 - 26.7)		2,787	(1,563 - 4,010)
NE	White	17,564	10.6	0.34	(9.9 - 11.2)		126,761	(118,728 - 134,794)
NE	Black	436	17.6	2.42	(12.8 - 22.3)		10,236	(7,207 - 13,266)
NE	Other	834	9.2	1.36	(6.5 - 11.9)		9,997	(6,968 - 13,026)
NE	Multi	195	23.3	4.02	(15.4 - 31.2)		2,989	(1,835 - 4,143)

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NV	White	3,638	12.6	0.81	(11.0 - 14.1)		162,052	(140,821 - 183,283)
NV	Black	201	19.6	3.54	(12.6 - 26.6)		32,221	(19,281 - 45,161)
NV	Other	689	6.3	1.01	(4.3 - 8.3)		32,297	(22,108 - 42,487)
NV	Multi	210	18.2	4.99	(8.4 - 28.0)		9,186	(3,728 - 14,644)
NH	White	7,095	14.0	0.64	(12.8 - 15.3)		135,585	(122,891 - 148,279)
NH	Black	44	20.4	7.78	(4.7 - 36.1)		2,176	(394 - 3,957)
NH	Other	202	11.6	2.64	(6.4 - 16.8)		4,294	(2,305 - 6,284)
NH	Multi	58	8.4				788	
NJ	White	11,523	11.8	0.47	(10.9 - 12.8)		533,776	(490,287 - 577,264)
NJ	Black	1,995	17.1	1.22	(14.7 - 19.5)		156,447	(132,575 - 180,318)
NJ	Other	1,671	11.2	1.09	(9.0 - 13.3)		126,265	(100,630 - 151,901)
NJ	Multi	140	19.8	4.38	(11.1 - 28.5)		10,101	(5,334 - 14,868)
NM	White	6,639	13.8	0.55	(12.7 - 14.9)		154,259	(141,866 - 166,652)
NM	Black	114	11.6	3.39	(4.8 - 18.3)		2,791	(1,097 - 4,485)
NM	Other	1,669	11.8	0.93	(9.9 - 13.6)		44,247	(37,073 - 51,420)
NM	Multi	141	19.7	4.14	(11.5 - 27.9)		5,360	(2,889 - 7,832)
NY	White	4,740	13.3	0.69	(11.9 - 14.6)		1,336,646	(1,193,634 - 1,479,657)
NY	Black	586	17.0	2.15	(12.8 - 21.3)		398,207	(289,986 - 506,429)
NY	Other	330	11.6	2.43	(6.8 - 16.4)		187,477	(105,206 - 269,749)
NY	Multi	96	25.3	7.54	(10.3 - 40.2)		55,733	(14,837 - 96,628)
NC	White	8,267	11.6	0.50	(10.6 - 12.5)		588,973	(536,945 - 641,001)
NC	Black	2,167	12.6	0.93	(10.8 - 14.5)		197,760	(167,725 - 227,795)
NC	Other	1,143	9.8	1.43	(6.9 - 12.6)		62,220	(43,116 - 81,324)
NC	Multi	183	20.1	3.44	(13.4 - 26.9)		20,689	(13,286 - 28,093)
ND	White	4,572	10.2	0.64	(8.9 - 11.4)		49,822	(43,498 - 56,145)
ND	Black	28	1.8				83	
ND	Other	177	14.6	3.88	(6.9 - 22.3)		4,691	(1,981 - 7,401)
ND	Multi	48	24.4	8.73	(6.8 - 41.9)		1,880	(346 - 3,414)
OH	White	11,262	13.1	0.46	(12.2 - 14.0)		962,886	(894,569 - 1,031,202)

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OH	Black	1,050	18.3	1.66	(15.0 - 21.5)		186,868	(150,284 - 223,452)
OH	Other	406	15.2	2.38	(10.5 - 19.9)		52,303	(34,893 - 69,712)
OH	Multi	166	34.2	5.51	(23.3 - 45.1)		24,335	(14,251 - 34,418)
OK	White	6,159	13.4	0.57	(12.3 - 14.5)		285,191	(260,249 - 310,134)
OK	Black	430	17.0	2.28	(12.5 - 21.4)		34,034	(24,351 - 43,716)
OK	Other	822	13.7	1.55	(10.7 - 16.8)		55,588	(42,419 - 68,757)
OK	Multi	550	20.3	2.35	(15.7 - 24.9)		26,398	(19,828 - 32,969)
OR	White	4,483	16.9	0.73	(15.5 - 18.3)		427,392	(389,345 - 465,438)
OR	Black	49	13.7	5.16	(3.3 - 24.1)		8,351	(1,705 - 14,997)
OR	Other	208	14.3	3.34	(7.7 - 20.9)		30,905	(15,468 - 46,342)
OR	Multi	411	34.8	4.93	(25.1 - 44.5)		33,907	(21,084 - 46,729)
PA	White	17,409	12.8	0.41	(12.0 - 13.6)		1,050,445	(982,217 - 1,118,673)
PA	Black	1,447	17.5	1.40	(14.8 - 20.2)		182,608	(151,324 - 213,893)
PA	Other	372	12.9	2.51	(8.0 - 17.9)		39,578	(23,530 - 55,626)
PA	Multi	242	23.1	4.87	(13.5 - 32.7)		39,232	(19,728 - 58,737)
RI	White	4,766	15.5	0.78	(13.9 - 17.0)		104,736	(93,691 - 115,782)
RI	Black	195	14.2	4.13	(6.1 - 22.4)		6,064	(2,201 - 9,926)
RI	Other	371	18.8	2.49	(13.9 - 23.7)		15,904	(11,387 - 20,420)
RI	Multi	45	21.7	6.80	(8.0 - 35.4)		2,328	(823 - 3,833)
SC	White	8,491	12.3	0.55	(11.2 - 13.4)		299,739	(271,979 - 327,498)
SC	Black	3,642	14.5	0.93	(12.7 - 16.3)		137,885	(119,381 - 156,389)
SC	Other	319	15.5	3.27	(9.1 - 21.9)		26,367	(14,267 - 38,467)
SC	Multi	193	26.6	4.67	(17.4 - 35.8)		8,763	(5,511 - 12,015)
SD	White	6,813	10.2	0.57	(9.1 - 11.3)		55,978	(49,809 - 62,147)
SD	Black	38	18.1	8.01	(1.9 - 34.4)		1,101	(0 - 2,202)
SD	Other	848	15.3	2.13	(11.1 - 19.4)		8,475	(5,968 - 10,982)
SD	Multi	135	19.3	4.96	(9.5 - 29.1)		2,273	(1,054 - 3,492)
TN	White	5,822	11.1	0.64	(9.8 - 12.4)		427,788	(376,945 - 478,632)
TN	Black	968	8.4	1.27	(5.9 - 10.9)		65,678	(45,540 - 85,815)

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Table L4
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and Prevalence (Number) by Race and State or Territory: BRFSS 2012

State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)		Prevalence (number)	95% CI* (number)
TN	Other	125	16.7	5.10	(6.6 - 26.8)		31,223	(9,854 - 52,593)
TN	Multi	70	18.5	6.16	(6.2 - 30.8)		17,532	(4,762 - 30,302)
TX	White	7,155	11.0	0.57	(9.9 - 12.1)		1,470,964	(1,316,235 - 1,625,692)
TX	Black	717	12.1	1.37	(9.4 - 14.8)		268,114	(206,212 - 330,017)
TX	Other	355	9.2	1.99	(5.3 - 13.1)		109,904	(61,136 - 158,672)
TX	Multi	139	10.9	2.69	(5.5 - 16.2)		40,201	(20,439 - 59,963)
UT	White	11,343	13.1	0.43	(12.3 - 14.0)		221,516	(206,787 - 236,244)
UT	Black	57	23.7	7.41	(8.8 - 38.5)		3,958	(1,034 - 6,882)
UT	Other	783	10.5	1.32	(7.9 - 13.1)		24,240	(18,005 - 30,475)
UT	Multi	121	20.6	4.62	(11.5 - 29.7)		4,887	(2,540 - 7,234)
VT	White	5,751	15.0	0.66	(13.7 - 16.3)		71,031	(64,566 - 77,495)
VT	Black	30	6.3				207	
VT	Other	119	16.4	4.57	(7.4 - 25.5)		1,726	(670 - 2,783)
VT	Multi	64	26.6	7.87	(10.9 - 42.3)		1,407	(408 - 2,406)
VA	White	5,640	12.2	0.59	(11.1 - 13.4)		523,436	(472,170 - 574,702)
VA	Black	1,070	16.0	1.51	(13.1 - 19.0)		185,237	(147,914 - 222,559)
VA	Other	444	17.2	2.52	(12.2 - 22.1)		107,662	(72,774 - 142,551)
VA	Multi	99	21.3	4.72	(11.9 - 30.6)		27,120	(14,589 - 39,652)
WA	White	13,262	15.7	0.44	(14.9 - 16.6)		647,150	(609,930 - 684,370)
WA	Black	239	17.7	2.88	(12.0 - 23.4)		28,324	(18,394 - 38,253)
WA	Other	1,195	10.6	1.05	(8.5 - 12.6)		87,913	(70,170 - 105,655)
WA	Multi	298	19.2	2.85	(13.6 - 24.9)		19,072	(13,080 - 25,064)
WV	White	5,106	12.3	0.56	(11.2 - 13.4)		170,811	(155,306 - 186,317)
WV	Black	122	9.7	3.17	(3.4 - 16.0)		2,937	(948 - 4,926)
WV	Other	55	18.5	6.73	(5.0 - 32.0)		3,069	(573 - 5,564)
WV	Multi	98	27.1	5.59	(16.0 - 38.2)		8,753	(4,652 - 12,854)
WI	White	4,596	10.2	0.66	(8.9 - 11.5)		389,942	(339,789 - 440,095)
WI	Black	388	17.5	3.99	(9.6 - 25.3)		43,246	(21,482 - 65,010)
WI	Other	224	13.5	3.96	(5.7 - 21.3)		33,671	(12,443 - 54,899)

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.

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State	Race	Sample Size	Prevalence (percent)	Standard Error	95% CI* (percent)		Prevalence (number)	95% CI* (number)
WI	Multi	48	33.0	9.54	(13.9 - 52.2)		17,121	(5,050 - 29,191)
WY	White	5,828	12.2	0.73	(10.8 - 13.6)		47,638	(41,913 - 53,363)
WY	Black	21	20.3				469	
WY	Other	235	13.8	3.26	(7.4 - 20.3)		3,854	(1,969 - 5,739)
WY	Multi	78	12.6	4.33	(4.0 - 21.2)		851	(282 - 1,421)
Territories								
GU	White	211	8.8	2.94	(3.1 - 14.6)		703	(216 - 1,190)
GU	Black	17	1.9				15	
GU	Other	1,460	11.4	1.19	(9.0 - 13.7)		9,229	(7,254 - 11,203)
GU	Multi	334	14.1	2.23	(9.7 - 18.5)		2,429	(1,649 - 3,210)
PR	White	3,640	13.8	0.66	(12.5 - 15.1)		206,563	(186,233 - 226,893)
PR	Black	354	14.5	2.09	(10.4 - 18.6)		25,534	(17,772 - 33,296)
PR	Other	2,293	14.7	0.90	(13.0 - 16.5)		165,895	(144,583 - 187,206)
PR	Multi	11	12.8				569	

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