

**Table L7**  
**Adult\* Self-Reported Lifetime Asthma Prevalence**  
**and Number by Income and State or Territory: BRFSS 2016**

State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)	Weighted Number	95% CI¶ (Weighted Number)
U.S. Total**	< \$15,000	39,081	20.2	0.41	(19.4–21.0)	4,477,690	(4,281,216–4,674,164)
U.S. Total**	\$15–\$24,999	66,687	14.8	0.28	(14.3–15.4)	5,294,217	(5,086,541–5,501,892)
U.S. Total**	\$25–\$49,999	100,640	13.2	0.23	(12.7–13.6)	6,597,795	(6,360,928–6,834,661)
U.S. Total**	\$50–\$74,999	64,240	12.1	0.26	(11.6–12.6)	3,801,908	(3,632,458–3,971,358)
U.S. Total**	≥\$75,000	126,180	11.9	0.19	(11.5–12.2)	8,188,623	(7,924,857–8,452,390)
AL	< \$15,000	871	24.0	2.10	(19.9–28.1)	105,519	(84,645–126,393)
AL	\$15–\$24,999	1,139	20.1	1.69	(16.8–23.5)	119,886	(97,746–142,027)
AL	\$25–\$49,999	1,371	12.5	1.31	(9.9–15.1)	94,728	(73,884–115,571)
AL	\$50–\$74,999	846	11.2	1.32	(8.6–13.8)	51,283	(38,792–63,774)
AL	≥\$75,000	1,368	10.7	1.22	(8.3–13.1)	82,339	(62,618–102,061)
AK	< \$15,000	236	17.2	3.79	(9.7–24.7)	7,864	(4,454–11,273)
AK	\$15–\$24,999	330	19.1	3.59	(12.0–26.2)	10,698	(6,281–15,115)
AK	\$25–\$49,999	533	15.2	2.88	(9.6–20.9)	15,753	(9,281–22,224)
AK	\$50–\$74,999	408	11.7	2.05	(7.6–15.7)	8,353	(5,379–11,328)
AK	≥\$75,000	1,084	12.3	1.74	(8.9–15.8)	26,234	(18,599–33,869)
AZ	< \$15,000	921	17.4	2.01	(13.5–21.4)	84,332	(63,901–104,764)
AZ	\$15–\$24,999	1,487	12.8	1.36	(10.1–15.4)	107,831	(84,628–131,033)
AZ	\$25–\$49,999	2,379	14.2	1.27	(11.7–16.7)	158,875	(128,984–188,765)
AZ	\$50–\$74,999	1,484	13.9	1.60	(10.8–17.1)	95,361	(72,099–118,623)
AZ	≥\$75,000	2,603	14.3	1.05	(12.3–16.4)	174,463	(147,745–201,181)
AR	< \$15,000	593	22.9	3.21	(16.6–29.2)	69,847	(48,159–91,535)
AR	\$15–\$24,999	882	13.2	1.83	(9.6–16.8)	56,155	(40,531–71,779)
AR	\$25–\$49,999	1,186	13.9	1.88	(10.3–17.6)	70,543	(50,413–90,673)
AR	\$50–\$74,999	636	10.8	2.40	(6.1–15.6)	31,837	(17,025–46,649)
AR	≥\$75,000	928	12.3	2.10	(8.2–16.5)	48,946	(31,223–66,669)
CA	< \$15,000	1,419	15.7	1.18	(13.4–18.0)	591,290	(498,215–684,364)
CA	\$15–\$24,999	1,277	11.2	0.99	(9.3–13.1)	382,622	(313,593–451,651)
CA	\$25–\$49,999	1,981	11.8	0.88	(10.1–13.5)	627,864	(532,362–723,366)

## Notes:

\*Aged 18+ years

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

¶CI denotes confidence interval.

§Sample size is the number of respondents reported lifetime asthma

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	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)	Weighted Number	95% CI¶ (Weighted Number)
CA	\$50-\$74,999	1,200	12.2	1.19	(9.8–14.5)	383,715	(306,401–461,029)
CA	>=\$75,000	3,722	13.0	0.70	(11.7–14.4)	1,256,107	(1,118,067–1,394,148)
CO	< \$15,000	875	18.0	1.73	(14.6–21.4)	44,913	(35,697–54,130)
CO	\$15-\$24,999	1,689	14.7	1.23	(12.3–17.1)	76,643	(63,046–90,240)
CO	\$25-\$49,999	2,799	14.4	0.94	(12.5–16.2)	113,453	(97,795–129,111)
CO	\$50-\$74,999	2,069	12.8	1.02	(10.9–14.8)	74,838	(62,464–87,213)
CO	>=\$75,000	4,908	12.3	0.61	(11.1–13.5)	172,379	(154,838–189,920)
CT	< \$15,000	586	23.0	2.59	(17.9–28.1)	40,941	(30,644–51,238)
CT	\$15-\$24,999	1,093	16.5	1.58	(13.4–19.6)	50,106	(39,953–60,258)
CT	\$25-\$49,999	1,680	19.0	1.50	(16.0–21.9)	80,671	(66,488–94,854)
CT	\$50-\$74,999	1,370	15.4	1.40	(12.7–18.2)	53,746	(43,384–64,108)
CT	>=\$75,000	4,199	13.3	0.76	(11.8–14.8)	136,365	(120,123–152,606)
DE	< \$15,000	312	22.2	3.27	(15.8–28.6)	11,657	(7,949–15,366)
DE	\$15-\$24,999	603	16.5	2.03	(12.5–20.4)	16,598	(12,236–20,961)
DE	\$25-\$49,999	888	13.6	1.57	(10.5–16.6)	20,814	(15,830–25,798)
DE	\$50-\$74,999	513	11.8	2.01	(7.8–15.7)	12,171	(7,838–16,503)
DE	>=\$75,000	1,008	9.5	1.27	(7.0–12.0)	20,077	(14,574–25,581)
DC	< \$15,000	279	16.4	3.08	(10.3–22.4)	6,785	(4,066–9,504)
DC	\$15-\$24,999	391	22.2	2.83	(16.6–27.7)	11,296	(8,110–14,482)
DC	\$25-\$49,999	534	17.2	2.15	(13.0–21.5)	13,170	(9,650–16,690)
DC	\$50-\$74,999	402	15.3	2.46	(10.4–20.1)	9,233	(6,063–12,404)
DC	>=\$75,000	1,330	11.0	1.11	(8.9–13.2)	22,364	(17,760–26,968)
FL	< \$15,000	3,372	17.7	1.64	(14.5–20.9)	229,983	(183,208–276,758)
FL	\$15-\$24,999	6,701	11.7	0.78	(10.1–13.2)	332,689	(287,108–378,270)
FL	\$25-\$49,999	8,195	10.7	0.78	(9.2–12.3)	372,732	(316,441–429,022)
FL	\$50-\$74,999	4,086	10.9	0.95	(9.1–12.8)	197,096	(162,025–232,166)
FL	>=\$75,000	6,944	10.0	0.72	(8.6–11.5)	350,891	(298,783–402,998)
GA	< \$15,000	520	20.5	2.62	(15.4–25.6)	149,344	(106,894–191,793)

## Notes:

\*Aged 18+ years

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

**Table L7**  
**Adult\* Self-Reported Lifetime Asthma Prevalence**  
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State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)	Weighted Number	95% CI¶ (Weighted Number)
GA	\$15-\$24,999	882	14.0	1.65	(10.8–17.3)	184,050	(138,479–229,622)
GA	\$25-\$49,999	1,100	12.5	1.33	(9.9–15.1)	191,321	(149,076–233,566)
GA	\$50-\$74,999	609	10.2	1.61	(7.0–13.3)	89,644	(60,377–118,912)
GA	≥\$75,000	1,226	11.4	1.21	(9.0–13.8)	217,902	(169,806–265,998)
HI	< \$15,000	713	26.1	2.58	(21.1–31.2)	23,537	(18,159–28,915)
HI	\$15-\$24,999	1,061	19.8	1.64	(16.5–23.0)	28,035	(23,067–33,003)
HI	\$25-\$49,999	1,790	16.9	1.32	(14.3–19.5)	39,949	(33,246–46,652)
HI	\$50-\$74,999	1,205	15.2	1.43	(12.4–18.0)	24,679	(19,847–29,510)
HI	≥\$75,000	2,475	15.3	1.03	(13.3–17.3)	57,073	(49,076–65,071)
ID	< \$15,000	492	24.5	3.36	(17.9–31.1)	23,165	(15,704–30,627)
ID	\$15-\$24,999	828	18.0	1.97	(14.1–21.9)	34,424	(26,278–42,570)
ID	\$25-\$49,999	1,322	11.1	1.26	(8.6–13.6)	35,557	(27,239–43,875)
ID	\$50-\$74,999	880	9.5	1.31	(6.9–12.1)	19,735	(14,215–25,255)
ID	≥\$75,000	1,103	9.4	1.23	(7.0–11.8)	25,502	(18,699–32,305)
IL	< \$15,000	412	23.3	2.85	(17.7–28.9)	206,543	(148,170–264,915)
IL	\$15-\$24,999	700	15.0	1.62	(11.8–18.2)	213,798	(165,409–262,186)
IL	\$25-\$49,999	1,025	11.8	1.25	(9.3–14.2)	250,150	(195,236–305,064)
IL	\$50-\$74,999	686	11.5	1.62	(8.3–14.7)	169,003	(119,434–218,572)
IL	≥\$75,000	1,553	14.2	1.17	(11.9–16.5)	459,127	(379,176–539,078)
IN	< \$15,000	928	24.4	2.14	(20.2–28.6)	111,935	(89,592–134,277)
IN	\$15-\$24,999	1,833	18.1	1.46	(15.2–20.9)	149,523	(123,037–176,009)
IN	\$25-\$49,999	2,635	13.3	0.99	(11.3–15.2)	157,097	(132,535–181,660)
IN	\$50-\$74,999	1,511	12.0	1.16	(9.7–14.3)	85,291	(68,238–102,345)
IN	≥\$75,000	2,619	11.4	0.89	(9.6–13.1)	145,943	(122,325–169,560)
IA	< \$15,000	453	22.7	2.63	(17.5–27.9)	35,728	(26,687–44,769)
IA	\$15-\$24,999	923	17.7	1.78	(14.2–21.2)	50,964	(39,794–62,135)
IA	\$25-\$49,999	1,618	12.6	1.13	(10.4–14.8)	64,609	(52,446–76,772)
IA	\$50-\$74,999	1,169	8.6	1.13	(6.3–10.8)	35,042	(25,537–44,546)

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State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)	Weighted Number	95% CI¶ (Weighted Number)
IA	>=\$75,000	1,935	8.4	0.82	(6.8–10.0)	57,868	(46,307–69,430)
KS	< \$15,000	734	19.7	1.81	(16.2–23.3)	27,775	(22,352–33,198)
KS	\$15-\$24,999	1,551	15.9	1.14	(13.7–18.1)	46,181	(39,303–53,058)
KS	\$25-\$49,999	2,783	14.0	0.90	(12.2–15.7)	67,926	(58,739–77,113)
KS	\$50-\$74,999	1,758	11.9	1.02	(9.9–13.9)	37,435	(30,727–44,142)
KS	>=\$75,000	3,115	9.8	0.67	(8.5–11.1)	55,322	(47,656–62,989)
KY	< \$15,000	1,109	26.0	1.97	(22.1–29.8)	93,524	(77,257–109,791)
KY	\$15-\$24,999	1,400	18.2	1.50	(15.3–21.2)	85,358	(70,270–100,447)
KY	\$25-\$49,999	2,103	14.1	1.10	(12.0–16.3)	100,559	(84,309–116,809)
KY	\$50-\$74,999	1,340	13.8	1.33	(11.1–16.4)	58,607	(46,937–70,277)
KY	>=\$75,000	2,257	9.7	0.95	(7.8–11.6)	71,217	(56,874–85,559)
LA	< \$15,000	624	20.3	2.60	(15.2–25.4)	84,471	(61,090–107,851)
LA	\$15-\$24,999	876	17.4	2.57	(12.4–22.4)	113,392	(76,336–150,448)
LA	\$25-\$49,999	1,117	15.4	1.87	(11.7–19.0)	114,026	(84,461–143,592)
LA	\$50-\$74,999	647	10.9	1.99	(7.0–14.8)	45,963	(28,438–63,489)
LA	>=\$75,000	1,148	9.4	1.12	(7.2–11.6)	74,322	(56,358–92,286)
ME	< \$15,000	954	27.1	2.36	(22.4–31.7)	24,733	(19,776–29,690)
ME	\$15-\$24,999	1,557	18.1	1.55	(15.0–21.1)	30,556	(24,919–36,193)
ME	\$25-\$49,999	2,489	17.1	1.25	(14.6–19.5)	44,544	(37,535–51,554)
ME	\$50-\$74,999	1,608	13.8	1.30	(11.2–16.3)	23,563	(18,919–28,207)
ME	>=\$75,000	2,487	12.9	1.00	(11.0–14.9)	36,075	(30,321–41,830)
MD	< \$15,000	1,066	21.1	2.05	(17.1–25.1)	59,507	(47,017–71,998)
MD	\$15-\$24,999	1,862	16.4	1.32	(13.8–19.0)	79,594	(66,313–92,875)
MD	\$25-\$49,999	2,946	14.7	1.07	(12.6–16.8)	107,248	(90,900–123,597)
MD	\$50-\$74,999	2,297	11.8	1.02	(9.8–13.8)	67,144	(55,131–79,156)
MD	>=\$75,000	6,672	12.3	0.57	(11.2–13.5)	214,244	(193,873–234,614)
MA	< \$15,000	561	18.7	2.44	(13.9–23.5)	58,886	(42,208–75,564)
MA	\$15-\$24,999	435	17.6	2.45	(12.8–22.4)	46,058	(32,509–59,607)

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MA	\$25-\$49,999	1,382	17.0	1.61	(13.9–20.2)		142,986	(113,350–172,621)
MA	\$50-\$74,999	954	14.2	1.57	(11.1–17.3)		85,835	(65,943–105,727)
MA	≥\$75,000	2,876	14.5	0.90	(12.8–16.3)		284,144	(247,409–320,878)
MI	< \$15,000	979	28.1	1.96	(24.3–32.0)		195,657	(163,781–227,534)
MI	\$15-\$24,999	1,602	19.8	1.34	(17.2–22.4)		214,688	(183,100–246,277)
MI	\$25-\$49,999	2,654	15.5	0.93	(13.7–17.4)		261,833	(228,683–294,983)
MI	\$50-\$74,999	1,662	12.3	0.99	(10.3–14.2)		125,806	(104,995–146,618)
MI	≥\$75,000	3,039	12.8	0.79	(11.2–14.3)		245,838	(213,952–277,724)
MN	< \$15,000	871	17.0	1.56	(14.0–20.1)		37,832	(30,445–45,220)
MN	\$15-\$24,999	1,945	13.1	0.94	(11.3–15.0)		64,085	(54,520–73,650)
MN	\$25-\$49,999	3,589	11.0	0.68	(9.7–12.4)		96,125	(83,834–108,416)
MN	\$50-\$74,999	2,602	10.3	0.73	(8.9–11.8)		66,224	(56,510–75,938)
MN	≥\$75,000	5,450	10.0	0.48	(9.0–10.9)		141,192	(127,382–155,003)
MS	< \$15,000	699	20.2	1.91	(16.5–24.0)		55,960	(44,729–67,190)
MS	\$15-\$24,999	1,005	13.1	1.51	(10.1–16.0)		60,103	(45,655–74,550)
MS	\$25-\$49,999	1,079	12.1	1.36	(9.5–14.8)		61,195	(46,997–75,393)
MS	\$50-\$74,999	533	11.2	1.76	(7.7–14.6)		26,980	(18,183–35,777)
MS	≥\$75,000	790	6.5	1.07	(4.4–8.6)		23,034	(15,464–30,605)
MO	< \$15,000	669	24.3	2.96	(18.5–30.1)		92,337	(66,234–118,440)
MO	\$15-\$24,999	1,018	14.5	1.63	(11.3–17.7)		94,077	(72,278–115,875)
MO	\$25-\$49,999	1,615	13.8	1.30	(11.3–16.4)		146,431	(117,713–175,149)
MO	\$50-\$74,999	926	11.5	1.54	(8.5–14.6)		76,055	(55,030–97,079)
MO	≥\$75,000	1,504	13.1	1.41	(10.4–15.9)		152,685	(118,018–187,352)
MT	< \$15,000	498	20.3	2.65	(15.1–25.5)		12,939	(9,262–16,616)
MT	\$15-\$24,999	940	17.4	1.83	(13.8–20.9)		21,455	(16,674–26,236)
MT	\$25-\$49,999	1,460	13.6	1.31	(11.0–16.2)		26,177	(20,941–31,413)
MT	\$50-\$74,999	904	9.1	1.31	(6.5–11.6)		12,008	(8,460–15,557)
MT	≥\$75,000	1,143	10.3	1.21	(8.0–12.7)		17,292	(13,135–21,449)

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State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)		Weighted Number	95% CI¶ (Weighted Number)
NE	< \$15,000	1,074	23.2	2.50	(18.3–28.2)		23,589	(17,694–29,485)
NE	\$15-\$24,999	2,197	14.5	1.28	(12.0–17.0)		29,379	(23,908–34,850)
NE	\$25-\$49,999	3,883	11.9	1.00	(9.9–13.9)		40,642	(33,382–47,902)
NE	\$50-\$74,999	2,459	11.2	0.97	(9.3–13.1)		24,989	(20,502–29,476)
NE	≥\$75,000	3,697	10.7	0.86	(9.0–12.4)		44,073	(36,780–51,367)
NV	< \$15,000	316	17.4	3.23	(11.1–23.8)		29,909	(17,766–42,052)
NV	\$15-\$24,999	609	11.5	1.70	(8.2–14.8)		38,971	(27,183–50,760)
NV	\$25-\$49,999	909	11.7	1.75	(8.3–15.1)		59,571	(40,866–78,277)
NV	\$50-\$74,999	598	9.8	1.60	(6.7–13.0)		27,244	(18,274–36,213)
NV	≥\$75,000	1,104	8.8	1.36	(6.1–11.5)		46,569	(31,773–61,366)
NH	< \$15,000	384	24.4	3.87	(16.8–32.0)		12,766	(8,103–17,429)
NH	\$15-\$24,999	733	20.2	2.26	(15.7–24.6)		19,332	(14,578–24,085)
NH	\$25-\$49,999	1,256	16.7	1.55	(13.6–19.7)		34,420	(27,583–41,256)
NH	\$50-\$74,999	871	18.0	1.95	(14.2–21.8)		27,470	(20,966–33,974)
NH	≥\$75,000	1,952	12.7	1.12	(10.5–14.9)		47,585	(38,818–56,353)
NJ	< \$15,000	471	20.6	2.83	(15.1–26.2)		84,316	(58,831–109,800)
NJ	\$15-\$24,999	1,049	11.7	1.49	(8.8–14.7)		108,372	(80,233–136,511)
NJ	\$25-\$49,999	1,213	12.9	1.94	(9.1–16.7)		131,239	(88,901–173,577)
NJ	\$50-\$74,999	881	10.4	1.56	(7.4–13.5)		76,980	(53,220–100,740)
NJ	≥\$75,000	2,548	10.4	0.91	(8.6–12.2)		260,452	(213,874–307,030)
NM	< \$15,000	740	19.6	2.08	(15.5–23.7)		37,899	(29,163–46,635)
NM	\$15-\$24,999	1,165	15.3	1.55	(12.3–18.4)		50,553	(39,837–61,270)
NM	\$25-\$49,999	1,333	14.4	1.48	(11.5–17.3)		50,057	(39,223–60,892)
NM	\$50-\$74,999	711	16.3	2.28	(11.8–20.7)		27,255	(18,971–35,540)
NM	≥\$75,000	1,220	16.5	1.72	(13.1–19.9)		52,399	(40,657–64,140)
NY	< \$15,000	3,266	18.9	1.37	(16.2–21.5)		272,976	(231,068–314,883)
NY	\$15-\$24,999	5,306	15.8	1.02	(13.8–17.8)		362,929	(314,400–411,458)
NY	\$25-\$49,999	7,296	12.4	0.78	(10.8–13.9)		345,755	(300,942–390,567)

## Notes:

\*Aged 18+ years

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

¶CI denotes confidence interval.

§Sample size is the number of respondents reported lifetime asthma

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.

**Table L7**  
**Adult\* Self-Reported Lifetime Asthma Prevalence**  
**and Number by Income and State or Territory: BRFSS 2016**

State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)	Weighted Number	95% CI¶ (Weighted Number)
NY	\$50-\$74,999	4,544	13.8	1.06	(11.7–15.9)	245,894	(206,221–285,568)
NY	>=\$75,000	8,938	12.9	0.69	(11.5–14.2)	591,389	(525,457–657,321)
NC	< \$15,000	601	19.4	2.12	(15.2–23.6)	134,836	(102,480–167,191)
NC	\$15-\$24,999	1,056	13.1	1.28	(10.6–15.6)	163,362	(130,190–196,535)
NC	\$25-\$49,999	1,397	13.2	1.16	(10.9–15.4)	207,624	(169,142–246,107)
NC	\$50-\$74,999	828	9.2	1.14	(7.0–11.4)	94,856	(71,037–118,676)
NC	>=\$75,000	1,435	9.8	0.96	(7.9–11.7)	179,704	(143,623–215,785)
ND	< \$15,000	313	20.8	3.06	(14.7–26.8)	7,597	(5,159–10,035)
ND	\$15-\$24,999	622	16.2	2.31	(11.6–20.7)	10,429	(7,185–13,673)
ND	\$25-\$49,999	1,334	14.0	1.40	(11.2–16.7)	19,025	(14,981–23,068)
ND	\$50-\$74,999	939	12.4	1.45	(9.5–15.2)	11,777	(8,878–14,676)
ND	>=\$75,000	1,825	10.4	0.90	(8.6–12.1)	19,536	(16,058–23,014)
OH	< \$15,000	1,043	23.1	2.27	(18.7–27.6)	181,554	(141,353–221,754)
OH	\$15-\$24,999	2,029	16.7	1.40	(14.0–19.5)	228,854	(188,140–269,569)
OH	\$25-\$49,999	2,856	15.0	1.20	(12.6–17.3)	303,093	(250,926–355,259)
OH	\$50-\$74,999	1,684	11.0	1.18	(8.7–13.3)	142,085	(110,418–173,752)
OH	>=\$75,000	2,754	10.4	0.84	(8.7–12.0)	227,677	(189,881–265,473)
OK	< \$15,000	604	23.5	2.43	(18.8–28.3)	65,056	(50,041–80,071)
OK	\$15-\$24,999	1,055	17.5	1.73	(14.1–20.9)	82,377	(64,613–100,141)
OK	\$25-\$49,999	1,554	12.8	1.19	(10.5–15.2)	82,941	(66,864–99,018)
OK	\$50-\$74,999	868	13.9	1.70	(10.6–17.2)	51,598	(38,278–64,918)
OK	>=\$75,000	1,430	11.0	1.06	(8.9–13.1)	67,619	(54,233–81,004)
OR	< \$15,000	387	20.4	2.26	(15.9–24.8)	47,624	(36,366–58,881)
OR	\$15-\$24,999	734	18.6	1.72	(15.2–22.0)	91,122	(72,893–109,352)
OR	\$25-\$49,999	1,128	18.9	1.39	(16.2–21.7)	126,003	(106,031–145,975)
OR	\$50-\$74,999	761	15.1	1.48	(12.1–18.0)	66,270	(52,597–79,942)
OR	>=\$75,000	1,475	13.6	1.06	(11.5–15.7)	110,038	(92,019–128,058)
PA	< \$15,000	568	25.1	2.31	(20.6–29.7)	198,550	(159,318–237,782)

## Notes:

\*Aged 18+ years

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

¶CI denotes confidence interval.

§Sample size is the number of respondents reported lifetime asthma

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.

**Table L7**  
**Adult\* Self-Reported Lifetime Asthma Prevalence**  
**and Number by Income and State or Territory: BRFSS 2016**

State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)		Weighted Number	95% CI¶ (Weighted Number)
PA	\$15-\$24,999	946	18.6	1.70	(15.3–21.9)		272,068	(217,962–326,174)
PA	\$25-\$49,999	1,432	13.5	1.27	(11.0–16.0)		292,645	(234,299–350,991)
PA	\$50-\$74,999	1,008	12.3	1.37	(9.6–14.9)		175,717	(134,555–216,879)
PA	≥\$75,000	2,001	12.4	0.95	(10.5–14.2)		359,666	(303,187–416,146)
RI	< \$15,000	415	19.9	2.61	(14.8–25.0)		13,270	(9,651–16,889)
RI	\$15-\$24,999	701	17.3	1.98	(13.4–21.2)		18,246	(13,836–22,655)
RI	\$25-\$49,999	976	14.9	1.52	(11.9–17.9)		22,113	(17,503–26,723)
RI	\$50-\$74,999	699	15.6	1.99	(11.7–19.5)		16,111	(11,729–20,493)
RI	≥\$75,000	1,617	13.4	1.21	(11.0–15.8)		32,942	(26,704–39,181)
SC	< \$15,000	1,165	20.8	1.79	(17.3–24.3)		82,073	(66,718–97,427)
SC	\$15-\$24,999	1,802	14.5	1.17	(12.2–16.8)		88,391	(73,478–103,305)
SC	\$25-\$49,999	2,408	12.5	0.97	(10.6–14.4)		106,421	(89,431–123,412)
SC	\$50-\$74,999	1,438	11.4	1.12	(9.2–13.6)		57,664	(45,885–69,444)
SC	≥\$75,000	2,316	10.7	0.94	(8.8–12.5)		88,625	(72,448–104,802)
SD	< \$15,000	372	13.5	2.89	(7.8–19.2)		5,426	(3,001–7,851)
SD	\$15-\$24,999	654	15.4	2.68	(10.1–20.7)		11,088	(6,984–15,193)
SD	\$25-\$49,999	1,375	8.9	1.28	(6.4–11.4)		13,862	(9,816–17,907)
SD	\$50-\$74,999	936	8.0	1.37	(5.4–10.7)		7,901	(5,192–10,610)
SD	≥\$75,000	1,452	7.7	1.05	(5.6–9.7)		13,125	(9,511–16,739)
TN	< \$15,000	652	26.5	2.67	(21.3–31.8)		129,057	(99,135–158,979)
TN	\$15-\$24,999	981	21.3	1.87	(17.7–25.0)		174,934	(141,995–207,873)
TN	\$25-\$49,999	1,433	15.8	1.55	(12.8–18.9)		190,397	(150,194–230,599)
TN	\$50-\$74,999	748	11.5	1.97	(7.6–15.4)		78,834	(50,331–107,338)
TN	≥\$75,000	1,213	10.3	1.38	(7.6–13.0)		112,083	(80,999–143,166)
TX	< \$15,000	1,156	16.9	1.95	(13.1–20.7)		359,769	(272,546–446,992)
TX	\$15-\$24,999	1,747	10.9	1.53	(7.9–13.9)		382,417	(269,917–494,917)
TX	\$25-\$49,999	2,446	12.5	1.35	(9.9–15.2)		542,639	(421,207–664,072)
TX	\$50-\$74,999	1,577	13.3	1.56	(10.2–16.3)		322,533	(243,984–401,082)

## Notes:

\*Aged 18+ years

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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.



**Table L7**  
**Adult\* Self-Reported Lifetime Asthma Prevalence**  
**and Number by Income and State or Territory: BRFSS 2016**

State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)	Weighted Number	95% CI¶ (Weighted Number)
TX	>=\$75,000	3,075	11.5	1.06	(9.4–13.6)	622,841	(504,700–740,982)
UT	< \$15,000	493	21.0	2.53	(16.1–26.0)	22,207	(16,314–28,100)
UT	\$15-\$24,999	1,147	14.8	1.45	(11.9–17.6)	33,132	(26,333–39,931)
UT	\$25-\$49,999	2,211	14.2	1.02	(12.2–16.2)	61,752	(52,480–71,023)
UT	\$50-\$74,999	1,791	13.7	1.16	(11.4–15.9)	46,540	(38,260–54,819)
UT	>=\$75,000	3,422	12.5	0.77	(11.0–14.0)	82,956	(72,317–93,594)
VT	< \$15,000	493	24.1	2.53	(19.1–29.0)	9,055	(7,095–11,015)
VT	\$15-\$24,999	830	22.9	2.10	(18.8–27.0)	14,814	(11,864–17,763)
VT	\$25-\$49,999	1,388	13.2	1.27	(10.7–15.7)	13,409	(10,709–16,109)
VT	\$50-\$74,999	969	12.6	1.40	(9.8–15.3)	9,541	(7,346–11,735)
VT	>=\$75,000	1,766	12.9	1.12	(10.8–15.1)	18,174	(14,912–21,437)
VA	< \$15,000	564	20.3	2.18	(16.0–24.5)	81,756	(62,606–100,906)
VA	\$15-\$24,999	1,237	15.4	1.35	(12.8–18.1)	139,303	(113,508–165,098)
VA	\$25-\$49,999	1,774	12.6	1.04	(10.5–14.6)	149,303	(123,491–175,116)
VA	\$50-\$74,999	1,152	11.8	1.34	(9.2–14.4)	98,738	(75,155–122,321)
VA	>=\$75,000	2,842	11.8	0.83	(10.2–13.5)	259,548	(222,341–296,754)
WA	< \$15,000	896	21.4	1.82	(17.8–25.0)	81,411	(66,226–96,596)
WA	\$15-\$24,999	1,523	18.7	1.31	(16.2–21.3)	118,697	(100,961–136,433)
WA	\$25-\$49,999	2,966	14.2	0.84	(12.5–15.8)	159,186	(139,734–178,638)
WA	\$50-\$74,999	2,066	15.4	1.07	(13.3–17.5)	122,213	(104,114–140,313)
WA	>=\$75,000	4,557	12.5	0.62	(11.3–13.7)	230,967	(207,286–254,649)
WV	< \$15,000	786	23.3	1.78	(19.8–26.8)	38,127	(31,640–44,613)
WV	\$15-\$24,999	1,193	18.9	1.44	(16.1–21.7)	49,155	(40,975–57,334)
WV	\$25-\$49,999	1,587	12.8	1.04	(10.7–14.8)	41,527	(34,420–48,635)
WV	\$50-\$74,999	844	15.4	1.71	(12.0–18.7)	26,909	(20,368–33,450)
WV	>=\$75,000	1,393	11.4	1.06	(9.3–13.5)	29,051	(23,454–34,648)
WI	< \$15,000	338	25.0	3.87	(17.4–32.6)	64,971	(41,452–88,491)
WI	\$15-\$24,999	707	18.2	1.99	(14.3–22.1)	111,840	(85,992–137,688)

## Notes:

\*Aged 18+ years

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**Table L7**  
**Adult\* Self-Reported Lifetime Asthma Prevalence**  
**and Number by Income and State or Territory: BRFSS 2016**

State	Income	Sample Size§	Prevalence (percent)	Standard Error	95% CI¶ (percent)		Weighted Number	95% CI¶ (Weighted Number)
WI	\$25-\$49,999	1,197	11.8	1.29	(9.3–14.3)		118,331	(91,667–144,994)
WI	\$50-\$74,999	855	9.4	1.29	(6.8–11.9)		66,657	(47,994–85,321)
WI	≥\$75,000	1,433	8.4	0.94	(6.6–10.3)		108,734	(84,157–133,311)
WY	< \$15,000	238	24.8	5.15	(14.6–34.9)		6,894	(3,515–10,272)
WY	\$15-\$24,999	654	20.2	2.76	(14.8–25.6)		13,585	(9,464–17,705)
WY	\$25-\$49,999	1,035	9.5	1.30	(6.9–12.1)		9,503	(6,860–12,145)
WY	\$50-\$74,999	708	12.6	1.88	(8.9–16.3)		9,484	(6,521–12,446)
WY	≥\$75,000	1,229	11.2	1.31	(8.6–13.8)		13,924	(10,575–17,272)
Territories								
GU	< \$15,000	180	10.4	3.27	(4.0–16.9)		1,579	(556–2,603)
GU	\$15-\$24,999	277	15.0	3.43	(8.3–21.7)		3,245	(1,650–4,841)
GU	\$25-\$49,999	402	7.8	1.73	(4.4–11.2)		2,047	(1,140–2,954)
GU	\$50-\$74,999	214	11.8	3.38	(5.1–18.4)		1,345	(523–2,166)
GU	≥\$75,000	340	9.1	2.21	(4.8–13.5)		1,608	(808–2,408)
PR	< \$15,000	2,049	17.8	1.17	(15.5–20.1)		193,746	(166,774–220,717)
PR	\$15-\$24,999	1,461	15.9	1.36	(13.2–18.6)		108,657	(88,907–128,407)
PR	\$25-\$49,999	808	18.0	1.98	(14.1–21.9)		58,834	(44,733–72,935)
PR	\$50-\$74,999	207	15.3	3.27	(8.9–21.8)		11,227	(6,064–16,390)
PR	≥\$75,000	169	16.5	3.93	(8.7–24.2)		9,270	(4,399–14,141)
VI	< \$15,000	206	14.4	4.13	(6.3–22.6)		2,430	(921–3,939)
VI	\$15-\$24,999	239	10.6	3.13	(4.4–16.7)		1,828	(706–2,950)
VI	\$25-\$49,999	311	7.4	2.70	(2.1–12.7)		1,347	(345–2,348)
VI	\$50-\$74,999	159	4.1	1.78	(0.6–7.6)		322	(49–596)
VI	≥\$75,000	211	12.1	3.09	(6.0–18.2)		1,160	(539–1,781)

## Notes:

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