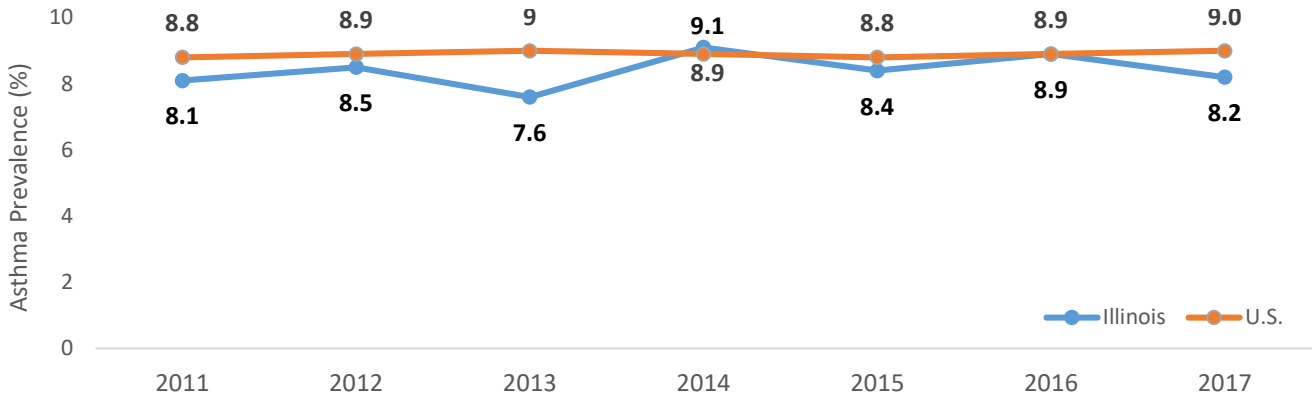


Asthma Trends

BRFSS 2011-2017

Executive Summary

The prevalence of asthma among adults in **Illinois** and the **U.S.** are **neither declining nor increasing** based on data from the Behavioral Risk Factor Surveillance System (BRFSS). Approximately **8.8 percent** of adults have asthma in Illinois.‡



Illinois Disparities



Gender

Asthma prevalence in women is **nearly 2x higher** than men.

Male **6.2%**

Female **10.4%**

Ethnicity

Asthma prevalence among Hispanic adults is **nearly 2x lower** compared to non-Hispanic Blacks and is lower than non-Hispanic White.

Hispanic **5%**

Non-Hispanic White **8.5%**

Non-Hispanic Black **10.8%**



Income

Asthma prevalence among adults in the lowest income bracket (<\$15,000) is **nearly 2x higher** compared to adults with income >\$50,000.

>\$50K **6.9%**

<\$15K **13.5%**

Data Source: U.S. Centers for Disease Control and Prevention, U.S. Behavioral Risk Factor Surveillance System, accessed September 2018.

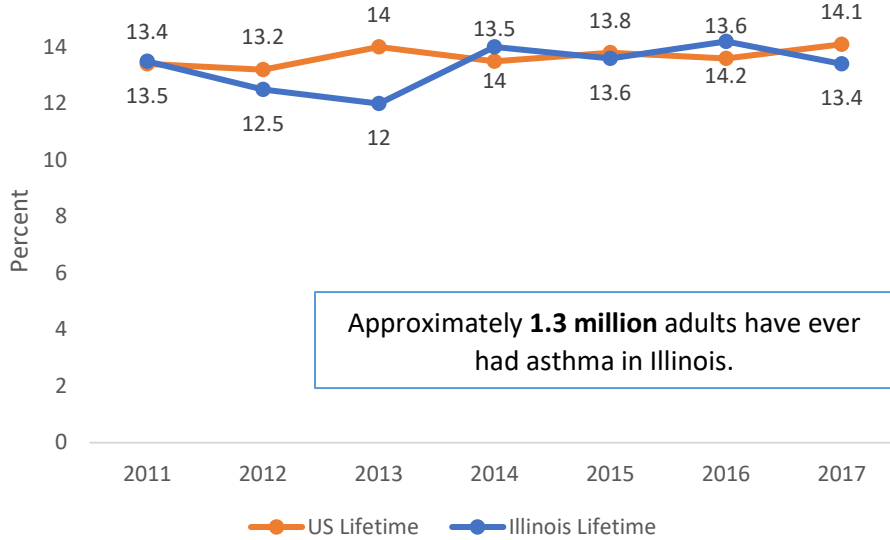
‡Current Asthma is self-reported based on the responses to two questions: 1. Have you ever been told you have asthma? 2. Do you still have asthma?

Adults is defined as age 18 and over.

Asthma Trends Report

Adult Prevalence 2011-2017

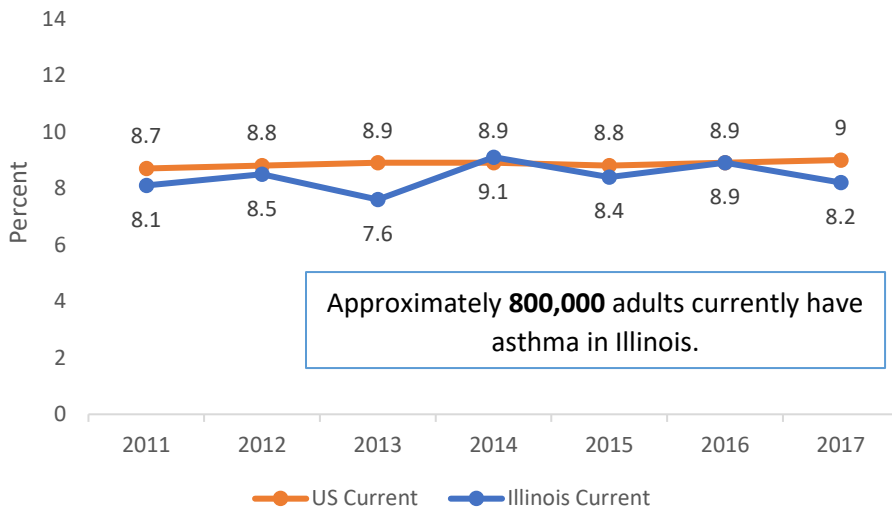
Figure 1: Lifetime adult asthma prevalence, Illinois vs. U.S., 2011-2017



Adult lifetime asthma prevalence rates in Illinois have remained fairly constant between 2011 and 2017—around 14.0%.

Illinois lifetime prevalence rates are similar to the U.S., except for 2013 when Illinois had a lower prevalence (12% vs. 14%).

Figure 2: Current adult asthma prevalence, Illinois vs. U.S., 2011-2017

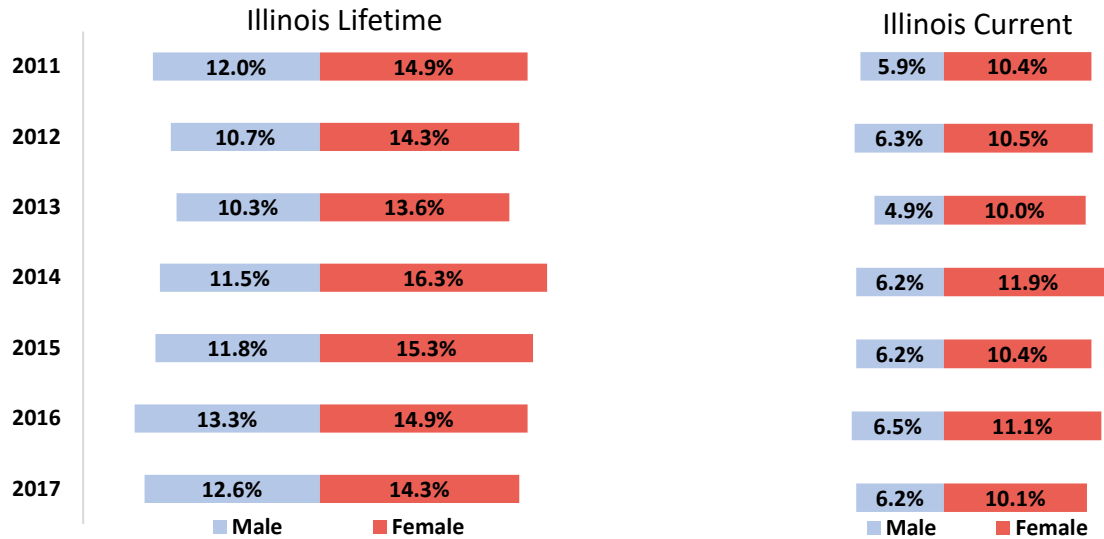


Current adult asthma prevalence rates in Illinois have remained between 8-9%.

This is similar to the U.S. trend.

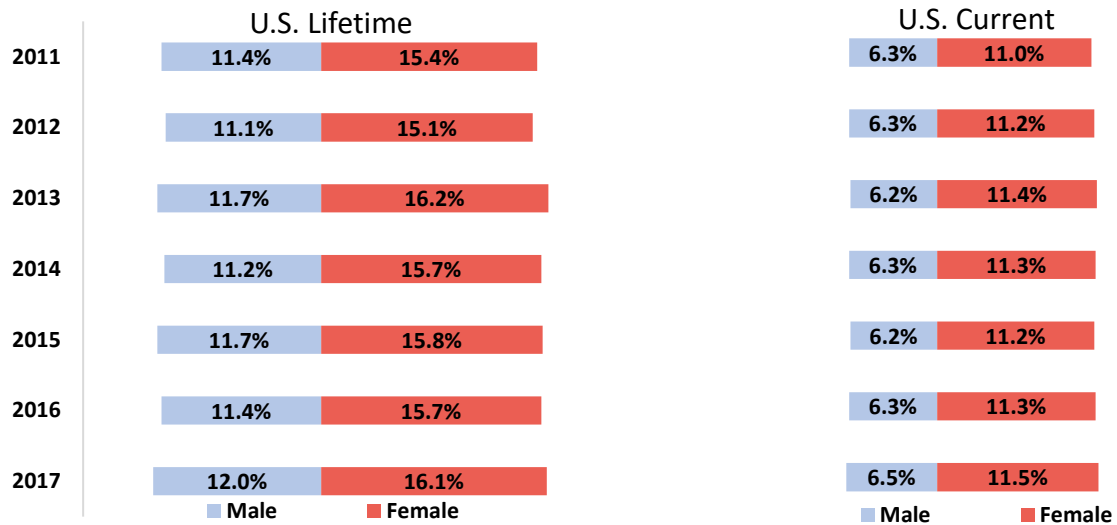
Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Figure 3: Lifetime and current adult asthma prevalence by gender, Illinois, 2011-2017



Lifetime and current adult asthma prevalence rates have remained fairly stable for both **males** and **females** in Illinois. Rates are higher for **females**.

Figure 4: Lifetime and current adult asthma prevalence by gender, U.S., 2011-2017

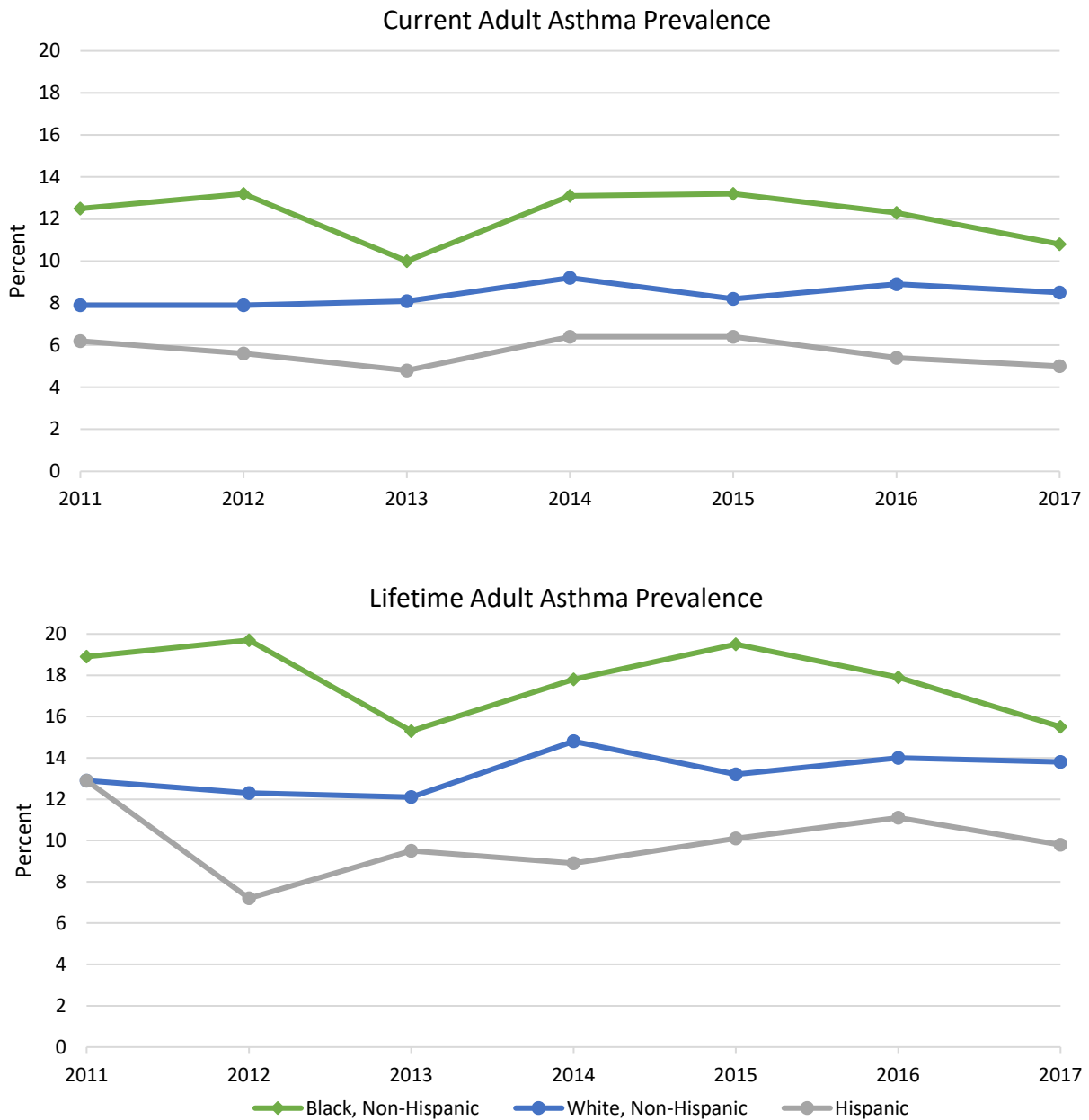


Lifetime and current adult asthma prevalence rates have remained fairly stable for both **males** and **females** in the U.S. Rates are higher for **females**.

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Additional Illinois Demographics

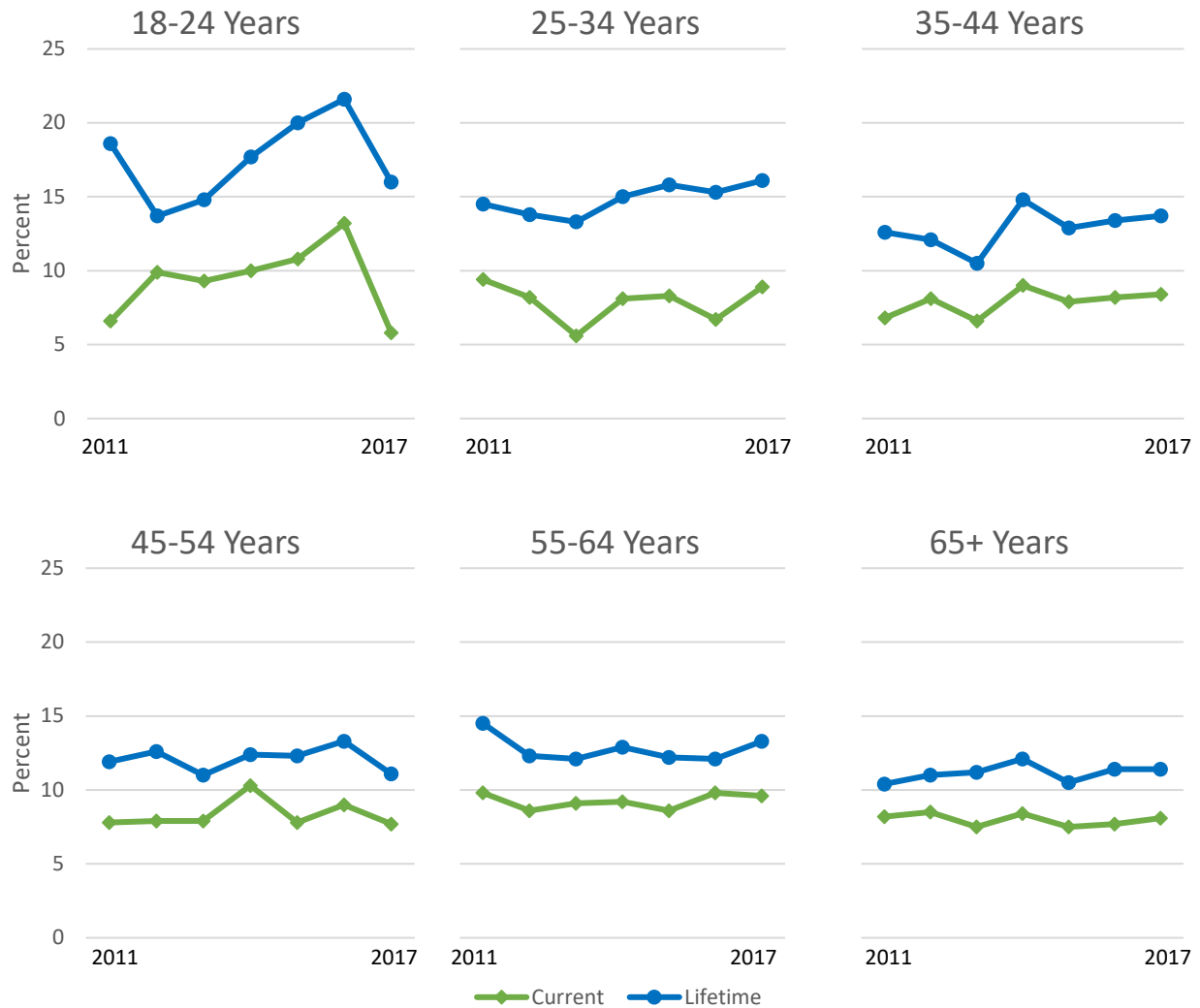
Figure 5: Current and Lifetime adult asthma prevalence by race/ethnicity, Illinois, 2011-2017



Overall, **Black, non-Hispanic** adults have higher current and lifetime asthma prevalence rates compared to **White, non-Hispanic adults** and **Hispanic** adults.

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Figure 6: Current and lifetime adult asthma prevalence by age group, Illinois, 2011-2017



Adults 18 to 24-years-old have a higher **current** and **lifetime** asthma prevalence compared to those 65 years and older.

Lifetime asthma prevalence is on the rise for the following age groups: 18-24, 25-34, 34-44, and 65+. Lifetime asthma prevalence is on the decline in the 55-64 age group.

Current asthma prevalence is on rise for the 18-24 and 35-44 age groups and stable for the 55-64 and 65+ age groups.

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

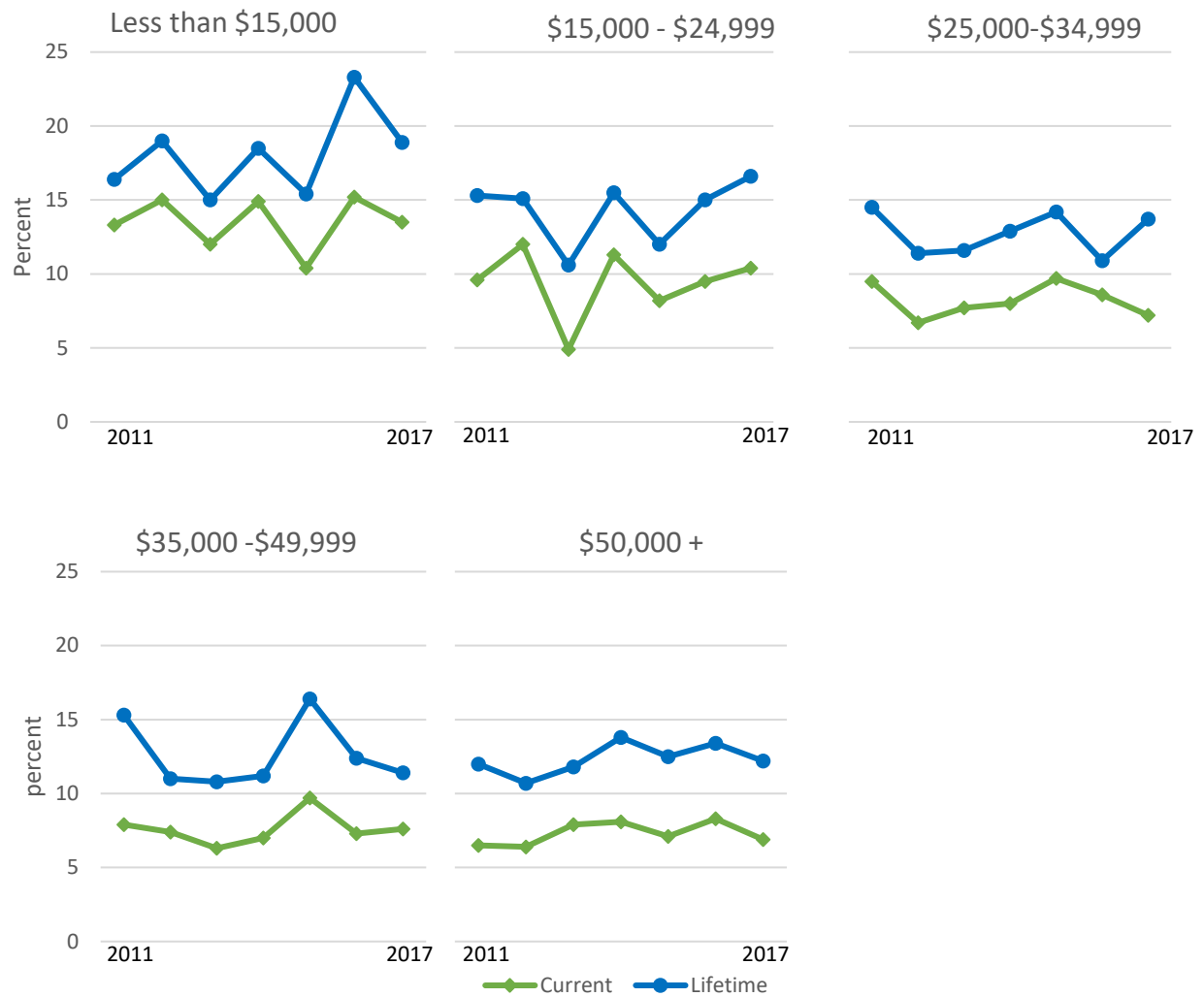
Figure 7: Current and lifetime adult asthma prevalence by education, Illinois, 2011-2017



Lifetime asthma prevalence is higher among adults with some post-high school education compared to other education categories. **Current** asthma prevalence is higher among adults with less than a high school education compared to those who have higher educational attainment.

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Figure 8: Current and Lifetime adult asthma prevalence by income, Illinois, 2011-2017



Adults making less than \$15,000 annually have higher **current** and **lifetime** asthma prevalence compared to those who have a higher income.

Lifetime asthma prevalence is on the rise for adults making greater than \$50,000 and on the decline for adults with an annual income of \$25,000-\$34,999. This trend is also true for adults with **current** asthma.

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Asthma Trends: Adult Prevalence Report 2011-2017

Data Tables

Data for Figure 1 and 2: Lifetime and current adult asthma prevalence, Illinois and the U.S., 2011-2017

	2011	2012	2013	2014	2015	2016	2017
Illinois Current Prevalence (%)	8.1	8.5	7.6	9.1	8.4	8.9	8.2
95% CI	7.1 - 9.2	7.4 - 9.6	6.6 - 8.5	8.1 - 10.2	7.4 - 9.3	7.8 - 9.9	7.3 - 9.1
Unweighted Count	445	486	471	467	448	432	470
Weighted Count	787,478	826,419	743,344	898,521	828,784	879,704	808,252
U.S. Current Prevalence (%)	8.7	8.8	8.9	8.9	8.8	8.9	9.0
95% CI	8.6 - 9.0	8.6 - 9.0	8.8 - 9.1	8.7 - 9.1	8.6 - 8.9	8.7-9.0	8.8 - 9.2
Unweighted Count	45,203	43,267	45,630	42,875	40,000	45,248	42,319
Weighted Count	20,818,620	21,377,467	21,930,334	22,105,172	22,047,261	22,496,482	23,072,876
Illinois Lifetime Prevalence (%)	13.5	12.5	12	14	13.6	14.2	13.4
95% CI	12.1 - 14.9	11.2 - 13.9	10.8 - 13.2	12.7 - 15.3	12.4 - 14.8	12.9 -15.5	12.3 - 14.6
Unweighted Count	672	693	702	689	708	654	735
Weighted Count	1,308,121	1,228,792	1,181,185	1,379,722	1,350,056	1,404,283	1,329,772
U.S. Lifetime Prevalence (%)	13.4	13.2	14	13.5	13.8	13.6	14.1
95% CI	13.2 - 13.6	13.0 - 13.4	13.8 - 14.2	13.3 - 13.7	13.6 - 14.0	13.4-13.8	13.9 - 14.3
Unweighted Count	65,097	60,757	67,174	61,472	59,409	65,590	62,515
Weighted Count	32,005,784	32,058,755	34,506,950	33,548,482	34,674,487	34,522,071	36,084,642

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 3: Lifetime and Current adult asthma prevalence by gender, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
Male Current Prevalence (%)	5.9	6.3	4.9	6.2	6.2	6.5	6.2
95% CI	4.4 - 7.4	4.8 - 7.8	3.8 - 6.1	10.3 - 13.5	5.0 - 7.5	5.3 - 7.8	5.0 - 7.3
Unweighted Count	120	137	130	135	149	141	156
Weighted Count	275,114	298,673	235,733	295,166	299,900	313,473	295,579
Female Current Prevalence (%)	10.4	10.5	10.0	11.9	10.4	11.1	10.1
95% CI	8.9-11.8	8.9 - 12.1	8.6 - 11.5	10.3 - 13.5	8.9 - 11.8	9.5 - 12.7	8.7 - 11.5
Unweighted Count	325	349	341	332	299	291	314
Weighted Count	512,364	527,746	507,611	603,356	528,884	566,231	512,673
Male Lifetime Prevalence (%)	12.0	10.7	10.3	11.5	11.8	13.3	12.6
95% CI	10.0 - 14.2	8.8 - 12.6	8.6 - 12.1	9.8 - 13.3	10.2 - 13.5	11.5 - 15.2	10.9 - 14.3
Unweighted Count	218	220	243	238	277	260	284
Weighted Count	568,246	508,122	493,720	552,462	570,006	642,018	603,629
Female Lifetime Prevalence (%)	14.9	14.3	13.6	16.3	15.3	14.9	14.3
95% CI	13.1 - 16.6	12.4 - 16.1	11.9 - 15.2	14.4 - 18.1	13.6 - 17.0	13.1 - 16.7	12.7 - 15.9
Unweighted Count	454	473	459	451	431	394	451
Weighted Count	739,876	720,670	687,466	827,259	780,050	762,265	726,143

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 4: Lifetime and Current adult asthma prevalence by gender, U.S., 2011-2017

	2011	2012	2013	2014	2015	2016	2017
Male Current Prevalence (%)	6.3	6.3	6.2	6.3	6.2	6.3	6.5
95% CI	6.1 - 6.6	6.1 - 6.5	6.0 - 6.4	6.1 - 6.6	6.0 - 6.4	6.1-6.5	6.2 - 6.6
Unweighted Count	12625	12359	12916	12517	11866	13577	131448
Weighted Count	7,347,838	7,414,508	7,471,486	7,674,435	7,578,430	7,732,846	7,965,862
Female Current Prevalence (%)	11.0	11.2	11.4	11.3	11.2	11.3	11.5
95% CI	10.8 - 11.3	10.9 - 11.4	11.2 - 11.7	11.1 - 11.6	11.0 - 11.5	11.1-11.6	11.2 - 11.8
Unweighted Count	32578	30908	32714	30358	28134	31662	29149
Weighted Count	13,470,783	13,962,959	14,458,849	14,430,737	14,468,831	14,760,777	15,098,628
Male Lifetime Prevalence (%)	11.4	11.1	11.7	11.2	11.7	11.4	12.0
95% CI	11.1 - 11.7	10.9 - 11.4	11.4 - 12.0	10.9 - 11.4	11.4 - 11.9	11.1-11.6	11.7 - 12.3
Unweighted Count	20671	19708	22079	20299	20390	22890	22470
Weighted Count	13,240,462	13,150,369	13,982,973	13,497,858	14,260,018	14,065,911	14,888,277
Female Lifetime Prevalence (%)	15.4	15.1	16.2	15.7	15.8	15.7	16.1
95% CI	15.1 - 15.7	14.8 - 15.4	16.0 - 16.5	15.4 - 16.0	15.5 - 16.1	15.4-16.0	15.8 - 16.5
Unweighted Count	44426	41049	45095	41173	39019	42690	40007
Weighted Count	18,765,322	18,908,387	20,523,977	20,050,624	20,414,470	20,452,703	21,178,974

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 5: Lifetime adult asthma prevalence by race/ethnicity, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
White, non-Hispanic Prevalence (%)	12.9	12.3	12.1	14.8	13.3	14.0	13.8
95% CI	11.4 - 14.3	10.8 - 13.8	10.9 - 13.4	13.3 - 16.3	11.9 - 14.7	12.4 - 15.6	12.4 - 15.2
Unweighted Count	516	502	591	506	478	439	498
Weighted Count	822,573	740,839	831,985	912,263	835,731	875,400	868,324
Black, non-Hispanic Prevalence (%)	18.9	19.7	15.3	17.8	19.5	17.9	15.5
95% CI	14.2 - 23.8	14.4 - 25.0	11.3 - 19.3	13.2-22.3	15.2 - 23.8	14.1 - 21.6	12.2 - 18.8
Unweighted Count	91	84	85	84	114	116	122
Weighted Count	244,766	257,973	208,226	221,658	252,532	233,655	205,309
Hispanic Prevalence (%)	12.9	7.2	9.5	8.9	10.1	11.1	9.8
95% CI	8.0 - 17.8	4.0-10.4	4.9 - 12.9	5.9 - 12.0	7.0-13.2	7.8-14.3	7.3 - 12.4
Unweighted Count	33	36	29	45	51	51	77
Weighted Count	164,918	381,334	143,448	118,349	148,033	159,701	145,854

Data Source: U.S. Behavioral Risk Factor Surveillance System(BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 5: Current adult asthma prevalence by race/ethnicity, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
White, non-Hispanic Prevalence (%)	7.9	7.9	8.1	9.2	8.2	8.9	8.5
95% CI	6.7 – 9.0	6.8 - 9.1	7.0 - 9.1	8.0 - 10.4	7.0 - 9.4	7.6 - 10.2	7.3 - 9.6
Unweighted Count	342	345	405	336	307	288	324
Weighted Count	502,554	476,538	551,690	565,560	516,072	553,331	532,270
Black, non-Hispanic Prevalence (%)	12.5	13.2	10.0	13.1	13.2	12.3	10.8
95% CI	8.4 - 16.5	8.9 - 17.5	6.7 - 13.4	9.0 – 17.1	9.5 – 17.0	9.2 - 15.4	8.0 - 13.6
Unweighted Count	62	61	57	64	78	83	82
Weighted Count	160,423	171,918	135,937	162,605	170,423	160,202	142,403
Hispanic Prevalence (%)	6.2	5.6	4.8	6.4	6.4	5.4	5.0
95% CI	3.1 – 9.2	2.6-8.6	1.8-7.8	3.8 - 8.9	3.9-8.9	3.2-7.6	3.2 - 6.8
Unweighted Count	20	26	16	33	31	27	44
Weighted Count	78,110	76,197	72,151	84,447	93,505	78,478	74,132

Data Source: U.S. Behavioral Risk Factor Surveillance System(BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 6: Lifetime adult asthma prevalence by age group, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
18-24 Age Group Prevalence (%)	18.6	13.7	14.8	17.7	20.0	21.6	16.0
95% CI	13.2 - 23.9	8.5 - 18.9	10.2 - 19.3	13.0 - 22.4	15.0 - 25.0	16.3 - 26.9	11.5 - 20.5
Unweighted Count	50	33	55	65	72	71	60
Weighted Count	237,109	174,636	189,258	224,281	253,476	270,723	197,941
25-34 Age Group Prevalence (%)	14.5	13.8	13.3	15.0	15.8	15.3	16.1
95% CI	10.8 - 18.1	10.1 - 17.6	10.0 - 16.6	11.3 - 18.7	12.4 - 19.1	11.6 - 19.0	12.8 - 19.4
Unweighted Count	82	74	86	83	95	83	100
Weighted Count	252,807	237,643	229,464	260,518	273,022	264,630	276,411
35-44 Age Group Prevalence (%)	12.6	12.1	10.5	14.8	12.9	13.4	13.7
95% CI	9.3 - 15.9	8.8 - 15.3	7.7 - 13.2	11.5 - 18.2	10.0 - 15.8	10.3 - 16.6	10.7 - 16.6
Unweighted Count	94	88	79	92	88	82	99
Weighted Count	216,898	205,401	176,193	249,173	215,668	224,456	226,781
45-54 Age Group Prevalence (%)	11.9	12.6	11.0	12.4	12.3	13.3	11.1
95% CI	9.4 - 14.4	9.9 - 15.3	8.4 - 13.5	10.0 - 14.9	9.8 - 14.7	10.5 - 16.1	8.7 - 13.6
Unweighted Count	120	118	116	126	125	102	103
Weighted Count	218,845	227,445	195,617	218,466	211,976	227,177	185,821
55-64 Age Group Prevalence (%)	14.5	12.3	12.1	12.9	12.2	12.1	13.3
95% CI	11.3 - 17.7	9.6 - 15.1	9.7 - 14.4	10.2 - 15.5	9.9 - 14.5	9.7 - 14.4	10.8 - 15.7
Unweighted Count	137	151	157	132	132	124	144
Weighted Count	212,249	193,645	193,282	208,385	200,475	199,597	220,011
65+ Age Group Prevalence (%)	10.4	11.0	11.2	12.1	10.5	11.4	11.4
95% CI	8.6 - 12.2	9.1 - 13.0	9.3 - 13.2	10.1 - 14.1	8.8 - 12.2	9.6 - 13.2	9.8 - 13.1
Unweighted Count	189	229	209	191	196	192	229
Weighted Count	170,213	190,022	197,372	218,899	195,438	217,701	222,807

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 6: Current adult asthma prevalence by age group, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
18-24 Age Group Prevalence (%)	6.6	9.9	9.3	10.0	10.8	13.2	5.8
95% CI	3.3 - 10.0	5.6 - 14.2	5.8 - 12.9	6.2 - 13.9	6.6 - 15.1	8.5 - 17.9	3.3 8.4
Unweighted Count	18	24	34	35	33	40	26
Weighted Count	84,749	125,254	119,345	127,093	136,774	165,134	72,227
25-34 Age Group Prevalence (%)	9.4	8.2	5.6	8.1	8.3	6.7	8.9
95% CI	6.4 - 12.5	5.2 - 11.2	3.4 - 7.7	5.2 - 11.0	5.8 - 10.7	4.5 - 9.0	6.2 - 11.5
Unweighted Count	53	44	40	43	49	41	51
Weighted Count	164,902	140,112	96,025	140,179	143,443	115,585	152,168
35-44 Age Group Prevalence (%)	6.8	8.1	6.6	9.0	7.9	8.2	8.4
95% CI	4.4 - 9.3	5.3 - 10.9	4.4 - 8.8	6.4 - 11.6	5.6 - 10.3	5.7 - 10.6	6.1 - 10.7
Unweighted Count	57	62	51	59	53	53	60
Weighted Count	118,808	137,745	110,211	151,190	132,741	136,311	138,959
45-54 Age Group Prevalence (%)	7.8	7.9	7.9	10.3	7.8	9.0	7.7
95% CI	5.7 - 9.9	5.8 - 10.1	5.6 - 10.2	8.0 - 12.6	5.9 - 9.7	6.6 - 11.4	5.7 - 9.7
Unweighted Count	79	74	81	103	84	67	74
Weighted Count	143,434	142,828	140,608	181,430	134,780	153,329	128,641
55-64 Age Group Prevalence (%)	9.8	8.6	9.1	9.2	8.6	9.8	9.6
95% CI	7.2 - 12.4	6.3 - 11.0	6.9 - 11.2	6.8 - 11.5	6.7 - 10.6	7.6 - 12.0	7.4 - 11.8
Unweighted Count	94	109	115	89	96	99	104
Weighted Count	141,750	135,134	145,291	148,202	141,646	162,139	159,349
65+ Age Group Prevalence (%)	8.2	8.5	7.5	8.4	7.5	7.7	8.1
95% CI	6.5 - 9.9	6.7 - 10.2	6.0 - 9.0	6.7 - 10.0	6.0 - 9.0	6.2 - 9.2	6.6 - 9.5
Unweighted Count	144	173	150	138	133	132	155
Weighted Count	134,635	145,346	131,863	150,428	139,400	147,207	156,909

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 7: Lifetime adult asthma prevalence by education, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
Less than H.S. Prevalence (%)	14.1	18.4	10.1	13.9	13.1	14.2	10.6
95% CI	9.2 - 19.0	12.3 - 24.4	6.1 - 14.1	9.4 - 18.4	9.1 - 17.1	9.6 - 18.9	7.0 - 14.3
Unweighted Count	49	62	51	52	62	51	43
Weighted Count	192,477	245,337	138,855	183,471	167,473	177,686	128,029
H.S. or G.E.D. Prevalence (%)	12.9	10.5	10.6	14.2	13.4	13.5	13.5
95% CI	10.4 - 15.4	8.4 - 12.7	8.6 - 12.6	11.7 - 16.6	11.0 - 15.7	10.9 - 16.0	11.1 - 15.8
Unweighted Count	186	182	189	170	177	138	180
Weighted Count	351,293	286,011	286,438	383,093	361,726	364,690	359,575
Some post-H.S. Prevalence (%)	15.2	14.1	13.5	15.8	14.2	16.1	15.5
95% CI	12.6 - 17.8	11.8 - 16.4	11.2 - 15.8	13.3 - 18.3	11.9 - 16.4	13.6 - 18.6	13.2 - 17.8
Unweighted Count	213	213	207	202	190	210	215
Weighted Count	440,450	418,189	404,479	474,537	431,139	491,050	471,538
College Graduate Prevalence (%)	11.8	10.1	12.9	12.0	13.6	12.7	12.6
95% CI	9.9 - 13.6	8.5 - 11.7	11.0 - 14.7	10.3 - 13.7	11.8 - 15.4	11.0 - 14.4	11.0 - 14.2
Unweighted Count	222	236	255	260	278	254	297
Weighted Count	316,928	279,255	351,958	334,284	389,036	369,188	370,630

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 7: Current adult asthma prevalence by education, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
Less than H.S. Prevalence (%)	6.8	13.3	6.3	9.7	8.2	10.0	8.2
95% CI	3.6 - 10.1	8.2 - 18.4	3.4 - 9.3	5.7 - 13.7	4.9 - 11.5	6.0 - 14.0	4.9 - 11.4
Unweighted Count	33	49	39	35	41	35	32
Weighted Count	92,478	177,316	86,762	127,346	105,113	125,018	98,440
H.S. or G.E.D. Prevalence (%)	9.2	8.2	6.0	9.4	8.3	9.1	7.0
95% CI	7.0 - 11.3	6.3 - 10.2	4.6 - 7.5	7.5 - 11.4	6.4 - 10.3	7.0 - 11.2	5.5 - 8.6
Unweighted Count	142	144	120	123	117	96	112
Weighted Count	249,477	222,337	162,850	254,922	225,216	245,837	187,733
Some post-H.S. Prevalence (%)	8.8	8.9	9.4	10.3	8.8	9.1	9.4
95% CI	6.9 - 10.7	7.1 - 10.7	7.5 - 11.4	8.2 - 12.3	7.0 - 10.6	7.3 - 11.0	7.7 - 11.2
Unweighted Count	142	146	152	136	125	139	141
Weighted Count	255,377	263,149	282,979	307,388	267,531	277,971	287,492
College Graduate Prevalence (%)	7.1	5.9	7.7	7.4	8.1	8.0	8.0
95% CI	5.6 - 8.6	4.7 - 7.1	6.2 - 9.3	6.1 - 8.7	6.6 - 9.5	6.6 - 9.3	6.6 - 9.3
Unweighted Count	128	147	160	171	164	162	185
Weighted Count	190,146	163,617	210,754	207,241	230,242	230,879	234,586

Data Source: U.S. Behavioral Risk Factor Surveillance System(BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 8: Lifetime adult asthma prevalence by income, Illinois, 2011-2017

	2011	2012	2013	2014	2015	2016	2017
Less than \$15,000 Prevalence (%)	16.4	19.0	15.0	18.5	15.4	23.3	18.9
95% CI	12.1 - 20.8	13.4 - 24.6	10.5 - 19.4	13.8 - 23.3	11.4 - 19.4	17.8 - 28.9	14.3 - 23.5
Unweighted Count	98	92	93	91	84	88	88
Weighted Count	165,249	200,211	138,266	215,559	149,801	206,543	163,190
\$15,000-\$24,999 Prevalence (%)	15.3	15.1	10.6	15.5	12.0	15.0	16.6
95% CI	11.7 - 18.8	11.3 - 19.0	7.6 - 13.5	11.8 - 19.2	9.2 - 14.8	11.8 - 18.2	12.9 - 20.2
Unweighted Count	125	142	106	110	104	117	124
Weighted Count	239,958	251,554	172,998	226,137	169,148	213,798	233,001
\$25,000-\$34,999 Prevalence (%)	14.5	11.4	11.6	12.9	14.2	10.9	13.7
95% CI	9.3 - 19.6	7.3 - 15.5	8.2 - 15.0	8.9 - 16.9	10.3 - 18.1	7.4 - 14.4	10.0 - 17.4
Unweighted Count	58	64	75	60	74	47	71
Weighted Count	145,689	98,269	109,533	121,423	130,736	95,592	123,655
\$35,000-\$49,999 Prevalence (%)	15.3	11.0	10.8	11.2	16.4	12.4	11.4
95% CI	11.0 - 19.5	7.8 - 14.2	8.0 - 13.5	8.3 - 14.1	12.4 - 20.4	9.0 - 15.8	8.6 - 14.2
Unweighted Count	86	78	97	74	93	69	83
Weighted Count	192,161	130,884	144,653	135,937	198,458	154,558	128,659
\$50,000+ Prevalence (%)	12.0	10.7	11.8	13.8	12.5	13.4	12.2
95% CI	10.2 - 13.8	9.1 - 12.3	10.2 - 13.5	12.0 - 15.6	10.9 - 14.1	11.5 - 15.2	10.7 - 13.8
Unweighted Count	274	268	292	320	304	286	312
Weighted Count	518,887	476,052	521,539	607,546	578,035	628,130	585,636

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.

Data for Figure 8: Current adult asthma prevalence by income, Illinois, 2011-2016

	2011	2012	2013	2014	2015	2016	2017
Less than \$15,000 Prevalence (%)	13.3	15.0	12.0	14.9	10.4	15.2	13.5
95% CI	9.4 - 17.2	10.0 - 20.0	7.8 - 16.2	10.5 - 19.4	7.3 - 13.6	10.6 - 19.7	9.4 - 17.6
Unweighted Count	81	73	70	70	60	60	64
Weighted Count	133,429	158,376	110,099	173,623	101,228	133,908	116,794
\$15,000-\$24,999 Prevalence (%)	9.6	12.0	4.9	11.3	8.2	9.5	10.4
95% CI	6.9 - 12.4	8.7 - 15.3	3.2 - 6.7	8.2 - 14.4	5.9 - 10.5	7.1 - 11.9	7.5 - 13.3
Unweighted Count	89	121	66	85	73	86	81
Weighted Count	151,086	199,848	80,270	164,745	115,009	134,764	146,238
\$25,000-\$34,999 Prevalence (%)	9.5	6.7	7.7	8.0	9.7	8.6	7.2
95% CI	5.6 - 13.4	4.0 - 9.5	4.9 - 10.5	5.0 - 11.1	6.4 - 13.0	5.4 - 11.8	4.5 - 9.9
Unweighted Count	45	48	54	40	49	37	39
Weighted Count	94,761	57,361	72,564	75,155	89,463	75,246	64,997
\$35,000-\$49,999 Prevalence (%)	7.9	7.4	6.3	7.0	9.7	7.3	7.6
95% CI	5.0 - 10.8	4.6 - 10.2	4.1 - 8.5	4.6 - 9.4	6.6 - 12.8	4.6 - 9.9	5.3 - 10.0
Unweighted Count	57	53	57	48	57	43	56
Weighted Count	100,020	87,916	84,476	84,766	117,616	90,468	86,492
\$50,000+ Prevalence (%)	6.5	6.4	7.9	8.1	7.1	8.3	6.9
95% CI	5.1 - 7.9	5.1 - 7.7	6.5 - 9.2	6.8 - 9.5	5.9 - 8.3	6.7 - 9.8	5.7 - 8.1
Unweighted Count	154	165	200	205	182	181	191
Weighted Count	282,257	283,281	345,867	358,674	329,001	386,684	331,001

Data Source: U.S. Behavioral Risk Factor Surveillance System (BRFSS), U.S. Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Survey Data downloaded from URL: https://www.cdc.gov/brfss/annual_data/annual_data.htm Analyzed using SAS by IDPH, Chronic Disease Division, September 2018.