Chronic Health Conditions - Asthma and Cancer

Were you ever told that you have asthma?

- Thirteen percent of Pennsylvania adults indicated in 2011 that they were told they have asthma.
- Pennsylvania men had a significantly lower percentage (11 percent, CI: 9-12) compared to Pennsylvania women (15 percent, CI: 14-16).
- Pennsylvania adults age 45-64 had a significantly lower percentage (11 percent, CI: 10-13) compared to Pennsylvania adults age 18-29 (18 percent, CI: 15-22).
- Pennsylvania adults age 65 and older had a significantly lower percentage (10 percent, CI: 8-11) compared to Pennsylvania adults age 18-29 (18 percent, CI: 15-22).
- Pennsylvania adults age 65 and older had a significantly lower percentage (10 percent, CI: 8-11) compared to Pennsylvania adults age 30-44 (14 percent, CI: 12-16).
- Pennsylvania adults with a high school education had a significantly lower percentage (11 percent, CI: 10-12) compared to Pennsylvania adults with less than a high school education (16 percent, CI: 13-20).
- Pennsylvania adults with a high school education had a significantly lower percentage (11 percent, CI: 10-12) compared to Pennsylvania adults with some college education (15 percent, CI: 13-17).
- Pennsylvania adults with household incomes of $15,000 to $24,999 had a significantly lower percentage (13 percent, CI: 11-16) compared to Pennsylvania adults with household incomes of less than $15,000 (22 percent, CI: 18-25).
- Pennsylvania adults with household incomes of $25,000 to $49,999 had a significantly lower percentage (13 percent, CI: 11-15) compared to Pennsylvania adults with household incomes of less than $15,000 (22 percent, CI: 18-25).
- Pennsylvania adults with household incomes of $50,000 to $74,999 had a significantly lower percentage (10 percent, CI: 8-12) compared to Pennsylvania adults with household incomes of less than $15,000 (22 percent, CI: 18-25).
- Pennsylvania adults with household incomes of $75,000 or more had a significantly lower percentage (11 percent, CI: 9-13) compared to Pennsylvania adults with household incomes of less than $15,000 (22 percent, CI: 18-25).
- Pennsylvania white, non-Hispanic adults had a significantly lower percentage (12 percent, CI: 11-13) compared to Pennsylvania black, non-Hispanic adults (19 percent, CI: 15-23).
- Pennsylvania white, non-Hispanic adults had a significantly lower percentage (12 percent, CI: 11-13) compared to Pennsylvania Hispanic adults (19 percent, CI: 14-26).

Those who currently have asthma:

- Nine percent of Pennsylvania adults reported in 2011 that they currently have asthma.
- Pennsylvania men had a significantly lower percentage (7 percent, CI: 6-8) compared to Pennsylvania women (11 percent, CI: 10-12).
- Pennsylvania adults with a high school education had a significantly lower percentage (8 percent, CI: 7-9) compared to Pennsylvania adults with less than a high school education (13 percent, CI: 10-16).
- Pennsylvania adults with household incomes of $15,000 to $24,999 had a significantly lower percentage (10 percent, CI: 9-12) compared to Pennsylvania adults with household incomes of less than $15,000 (16 percent, CI: 14-19).
- Pennsylvania adults with household incomes of $25,000 to $49,999 had a significantly lower percentage (9 percent, CI: 7-11) compared to Pennsylvania adults with household incomes of less than $15,000 (16 percent, CI: 14-19).
- Pennsylvania adults with household incomes of $50,000 to $74,999 had a significantly lower percentage (6 percent, CI: 5-8) compared to Pennsylvania adults with household incomes of less than $15,000 (16 percent, CI: 14-19).
- Pennsylvania adults with household incomes of $50,000 to $74,999 had a significantly lower percentage (6 percent, CI: 5-8) compared to Pennsylvania adults with household incomes of $15,000 to $24,999 (10 percent, CI: 9-12).
- Pennsylvania adults with household incomes of $75,000 or more had a significantly lower percentage (7 percent, CI: 5-8) compared to Pennsylvania adults with household incomes of less than $15,000 (16 percent, CI: 14-19).

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Those who currently have asthma: (cont.)

- Pennsylvania adults with household incomes of $75,000 or more had a significantly lower percentage (7 percent, CI: 5-8) compared to Pennsylvania adults with household incomes of $15,000 to $24,999 (10 percent, CI: 9-12).
- Pennsylvania white, non-Hispanic adults had a significantly lower percentage (8 percent, CI: 7-9) compared to Pennsylvania black, non-Hispanic adults (13 percent, CI: 10-17).

Ever told they had skin cancer:

- Six percent of Pennsylvania adults indicated in 2011 they were ever told they had skin cancer.
- Pennsylvania adults age 18-29 had a significantly lower percentage (0 percent, CI: 0-1) compared to Pennsylvania adults age 45-64 (6 percent, CI: 5-6).
- Pennsylvania adults age 18-29 had a significantly lower percentage (0 percent, CI: 0-1) compared to Pennsylvania adults age 65 and older (16 percent, CI: 15-18).
- Pennsylvania adults age 30-44 had a significantly lower percentage (1 percent, CI: 1-2) compared to Pennsylvania adults age 45-64 (6 percent, CI: 5-6).
- Pennsylvania adults age 30-44 had a significantly lower percentage (1 percent, CI: 1-2) compared to Pennsylvania adults age 65 and older (16 percent, CI: 15-18).
- Pennsylvania adults age 45-64 had a significantly lower percentage (6 percent, CI: 5-6) compared to Pennsylvania adults age 65 and older (16 percent, CI: 15-18).
- Pennsylvania adults with household incomes of less than $15,000 had a significantly lower percentage (3 percent, CI: 2-4) compared to Pennsylvania adults with household incomes of $15,000 to $24,999 (6 percent, CI: 5-7).
- Pennsylvania adults with household incomes of less than $15,000 had a significantly lower percentage (3 percent, CI: 2-4) compared to Pennsylvania adults with household incomes of $25,000 to $49,999 (8 percent, CI: 7-9).
- Pennsylvania adults with household incomes of $50,000 to $74,999 had a significantly lower percentage (4 percent, CI: 3-5) compared to Pennsylvania adults with household incomes of $25,000 to $49,999 (8 percent, CI: 7-9).
- Pennsylvania black, non-Hispanic adults had a significantly lower percentage (0 percent, CI: 0-0) compared to Pennsylvania white, non-Hispanic adults (7 percent, CI: 6-7).
- Pennsylvania Hispanic adults had a significantly lower percentage (1 percent, CI: 0-2) compared to Pennsylvania white, non-Hispanic adults (7 percent, CI: 6-7).

Ever told they had other types of cancer:

- Seven percent of Pennsylvania adults reported in 2011 they were ever told they had other types of cancer.
- Pennsylvania men had a significantly lower percentage (6 percent, CI: 5-6) compared to Pennsylvania women (8 percent, CI: 7-9).
- Pennsylvania adults age 18-29 had a significantly lower percentage (1 percent, CI: 1-2) compared to Pennsylvania adults age 45-64 (7 percent, CI: 6-8).
- Pennsylvania adults age 18-29 had a significantly lower percentage (1 percent, CI: 1-2) compared to Pennsylvania adults age 65 and older (17 percent, CI: 16-19).
- Pennsylvania adults age 30-44 had a significantly lower percentage (2 percent, CI: 2-3) compared to Pennsylvania adults age 45-64 (7 percent, CI: 6-8).
- Pennsylvania adults age 30-44 had a significantly lower percentage (2 percent, CI: 2-3) compared to Pennsylvania adults age 65 and older (17 percent, CI: 16-19).
- Pennsylvania adults age 45-64 had a significantly lower percentage (7 percent, CI: 6-8) compared to Pennsylvania adults age 65 and older (17 percent, CI: 16-19).
- Pennsylvania adults with household incomes of $75,000 or more had a significantly lower percentage (5 percent, CI: 4-6) compared to Pennsylvania adults with household incomes of $15,000 to $24,999 (9 percent, CI: 7-10).

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Ever told they had other types of cancer: (cont.)

- Pennsylvania adults with household incomes of $75,000 or more had a significantly lower percentage (5 percent, CI: 4-6) compared to Pennsylvania adults with household incomes of $25,000 to $49,999 (8 percent, CI: 7-9).

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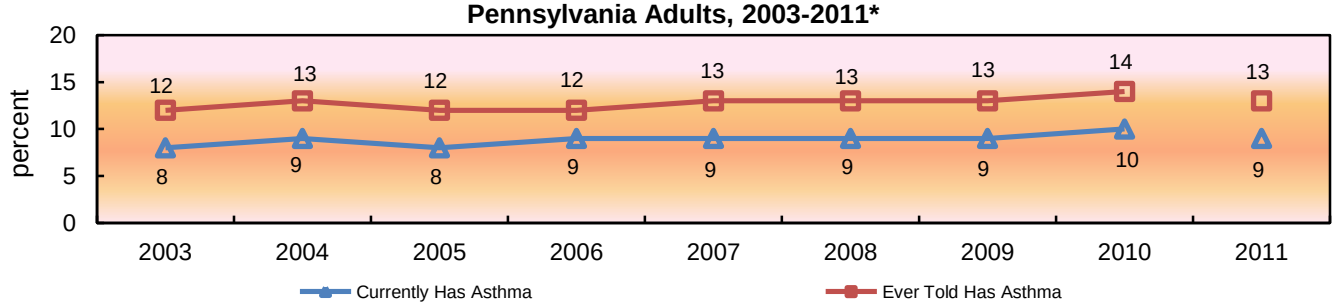
Figure 6A: Percent Currently Has/Ever Told Has Asthma, Pennsylvania Adults, 2003-2011*



*A change in the survey methodology creates a discontinuity for 2011. Please refer to the technical notes for more information.

Table 6: Asthma and Cancer, Pennsylvania Adults, 2011 (with 95% confidence intervals)

	Ever Told Had Asthma*		Currently Has Asthma*		Ever Told Had Skin Cancer*		Ever Told Had Any Other Type of Cancer*	
	%	CI	%	CI	%	CI	%	CI
All Adults	13	12-14	9	8-10	6	5-6	7	6-7
Gender:								
Male	11	9-12	7	6-8	6	5-7	6	5-6
Female	15	14-16	11	10-12	6	5-6	8	7-9
Age:								
18-29	18	15-22	12	9-15	0	0-1	1	1-2
30-44	14	12-16	10	8-11	1	1-2	2	2-3
45-64	11	10-13	8	7-9	6	5-6	7	6-8
65+	10	8-11	7	6-9	16	15-18	17	16-19
Education:								
<High School	16	13-20	13	10-16	4	3-6	7	5-9
High School	11	10-12	8	7-9	6	5-7	8	7-9
Some College	15	13-17	10	8-12	5	4-6	6	5-7
College Degree	12	11-14	8	7-10	6	5-7	6	6-7
Household Income:								
<$15,000	22	18-25	16	14-19	3	2-4	7	5-9
$15,000 to $24,9	13	11-16	10	9-12	6	5-7	9	7-10
$25,000 to $49,9	13	11-15	9	7-11	8	7-9	8	7-9
$50,000 to $74,9	10	8-12	6	5-8	4	3-5	6	5-8
$75,000+	11	9-13	7	5-8	5	4-7	5	4-6
Race:								
White, non-Hispa	12	11-13	8	7-9	7	6-7	7	7-8
Black, non-Hispa	19	15-23	13	10-17	0	0-0	5	4-7
Hispanic	19	14-26	13	9-19	1	0-2	4	2-9

*Excludes missing, don't know, and refused
Note: When comparing demographic estimates, confidence intervals that do not overlap indicate a significant difference.

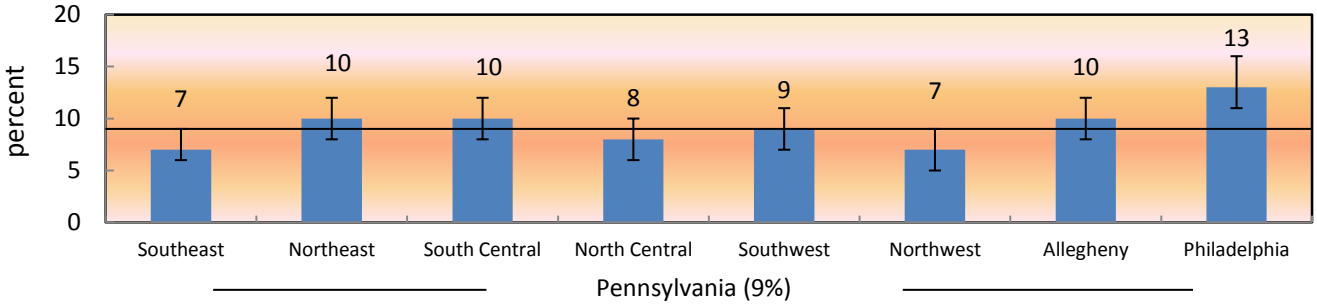



Figure 6B: Currently Has Asthma, PA Health Districts vs. Pennsylvania, 2011