



## Adults and Children Current Asthma Prevalence Tables 2008

In this section we provide a set of summary tables of current asthma prevalence among adults in Puerto Rico, for the years 2008. The objective of this summary table is to provide an easy to print and carry document for reference, or to be use as annex for the preparation of other document such as an application for funds.

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**Date:** April 15, 2015

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**Table 1:** *Current asthma prevalence among adults and children, 2008*

Group	Prevalence	Number	Sample Size
Adults	5.17 (4.39-5.96)	147,260	4,475
Children	13.82 (11.38-16.26)	143,080	1,125

Source: Behavioral Risk Factor Surveillance Survey, 2008

**Table 2:** *Current asthma prevalence among adults by Socio-demographic variables, 2008*

Variables	Prevalence	Number	OR	OR(SE)	p-value
<b>Age group</b>					
18-24	5.12 (2.51-7.73)	21,248	1.00	0.00	1.00
25-34	4.32 (2.19-6.45)	23,702	1.00	0.49	0.99
35-44	3.87 (2.11-5.63)	20,395	0.73	0.53	0.57
45-54	6.43 (4.49-8.36)	30,869	1.25	0.49	0.64
55-64	6.09 (4.52-7.66)	24,533	1.03	0.50	0.94
65+	5.57 (4.31-6.83)	26,513	1.09	0.53	0.86
<b>Gender</b>					
Male	3.30 (2.30-4.30)	44,132	1.00	0.00	1.00
Female	6.82 (5.64-8.00)	103,128	2.27	0.22	0.00
<b>Escolarity</b>					
Some highschool	6.57 (5.01-8.14)	38,395	1.00	0.00	1.00
Highschool graduate	3.77 (2.22-5.31)	24,907	0.57	0.28	0.05
Some college	6.07 (4.28-7.86)	47,614	0.96	0.27	0.88
College graduate	4.41 (3.09-5.73)	36,100	0.74	0.35	0.41
<b>Household income</b>					
<15k	6.37 (4.98-7.76)	57,883	1.00	0.00	1.00
15k-<25k	4.82 (3.15-6.49)	34,767	0.88	0.24	0.60
25k-<35k	5.46 (2.94-7.98)	15,073	1.01	0.32	0.95
35k-<50k	5.00 (1.95-8.05)	11,726	1.06	0.44	0.89
50+k	3.44 (1.40-5.49)	9,590	0.81	0.42	0.63
<b>Marital status</b>					
Married	4.61 (3.68-5.55)	67,586	1.00	0.00	1.00
Divorced	7.37 (4.21-10.5)	18,638	1.39	0.29	0.25
Widowed	6.69 (4.64-8.75)	12,517	0.89	0.24	0.64
Separated	4.42 (0.86-7.98)	5,003	0.51	0.49	0.18
Never Married	5.01 (3.05-6.97)	34,169	1.06	0.33	0.84
Unmarried Couple	6.20 (1.89-10.5)	9,002	1.67	0.48	0.28
<b>Employment status</b>					
Employed	4.17 (3.01-5.33)	57,300	1.00	0.00	1.00
Out of work	5.64 (1.83-9.45)	10,963	1.10	0.51	0.84
Homework	5.80 (4.17-7.43)	25,866	0.79	0.27	0.41
Student	5.83 (2.32-9.35)	13,830	1.91	0.52	0.21
Retired	4.41 (3.14-5.67)	18,462	0.91	0.28	0.74
Unable to work	11.6 (8.06-15.1)	20,840	2.28	0.28	0.00
<b>Health region</b>					
Aguadilla	5.73 (2.44-9.02)	9,952	1.00	0.00	1.00
Arecibo	7.24 (4.45-10.0)	28,615	1.14	0.41	0.74
Bayamon	4.48 (2.58-6.39)	21,656	0.55	0.43	0.17
Fajardo	6.32 (4.30-8.34)	28,534	0.99	0.38	0.98
Caguas	4.19 (0.98-7.39)	3,662	0.56	0.58	0.33
Ponce	5.37 (2.61-8.14)	11,922	0.85	0.44	0.72
Mayaguez	4.25 (2.69-5.81)	26,332	0.61	0.42	0.25
Metro	3.98 (2.44-5.51)	16,588	0.63	0.40	0.25

Source: Behavioral Risk Factor Surveillance Survey, 2008

**Table 3:** *Current asthma prevalence among adults by risk and comorbidity variables, 2008*

Variables	Prevalence	Number	OR	OR(SE)	p-value
<b>Exercise</b>					
Yes	4.47 (3.42-5.53)	67,126	1.00	0.00	1.00
No	5.94 (4.76-7.12)	80,134	0.93	0.19	0.71
<b>BMI</b>					
Neither	4.40 (3.11-5.70)	42,766	1.00	0.00	1.00
Overweight	5.36 (4.02-6.71)	56,066	1.50	0.22	0.07
Obese	6.38 (4.72-8.04)	45,598	1.68	0.23	0.02
<b>Smoker</b>					
No1	5.05 (4.25-5.85)	127,173	1.00	0.00	1.00
Yes1	6.03 (3.06-9.00)	19,923	1.50	0.31	0.19
<b>Diabetes diagnosis</b>					
No2	4.84 (3.99-5.69)	120,675	1.00	0.00	1.00
Yes2	7.56 (5.53-9.59)	26,585	1.40	0.20	0.09
<b>Any chronic condition</b>					
No3	4.35 (3.48-5.23)	99,519	1.00	0.00	1.00
One or More	8.48 (6.68-10.2)	47,741	2.34	0.24	0.00

Source: Behavioral Risk Factor Surveillance Survey, 2008

## Child

**Table 4:** Current asthma prevalence among children by child sociodemographic variables, 2008

Variables	Prevalence	Population	OR	OR(SE)	p-value
<b>Age group</b>					
00-04	14.0 (8.42-19.6)	226,809	1.00	0.00	1.00
05-09	14.9 (9.88-19.9)	249,808	0.28	0.49	0.01
10-14	13.5 (9.82-17.2)	259,679	0.39	0.48	0.05
15-17	12.0 (7.34-16.7)	156,102	0.30	0.52	0.02
<b>Gender</b>					
Male	16.6 (12.8-20.3)	438,431	1.00	0.00	1.00
Female	10.9 (7.93-13.9)	453,967	0.77	0.28	0.36
<b>Health region</b>					
Aguadilla	21.8 (11.7-32.0)	60,553	1.00	0.00	1.00
Arecibo	13.4 (6.92-19.8)	117,491	0.22	0.66	0.02
Bayamon	12.0 (5.86-18.2)	159,030	0.11	0.65	0.00
Metro	14.0 (7.77-20.3)	175,073	0.20	0.62	0.01
Fajardo	8.93 (0.00-19.7)	27,231	0.14	1.10	0.07
Caguas	15.8 (10.0-21.6)	138,804	0.29	0.61	0.05
Ponce	10.6 (5.64-15.6)	143,618	0.21	0.72	0.03
Mayaguez	14.0 (6.05-22.0)	70,599	0.47	0.80	0.35
<b>Annual incomg</b>					
<15k	12.3 (8.29-16.3)	253,501	1.00	0.00	1.00
15k-<25k	17.8 (12.3-23.3)	226,860	1.96	0.40	0.09
25k-<35k	10.4 (4.19-16.6)	104,726	1.55	0.53	0.40
35k<50k	16.8 (8.90-24.8)	87,869	2.39	0.54	0.11
50+k	13.0 (6.39-19.6)	126,248	1.04	0.49	0.92
<b>Marital status</b>					
Married	13.6 (10.5-16.7)	554,849	1.00	0.00	1.00
Divorced	10.0 (4.76-15.2)	97,207	0.56	0.42	0.17
Widowed	12.7 (2.79-22.6)	28,402	1.53	0.84	0.60
Separated	12.2 (4.13-20.4)	53,307	0.37	0.53	0.06
Never Married	10.6 (4.57-16.6)	99,746	0.51	0.59	0.27
Unmarried Couple	27.2 (14.3-40.2)	55,840	2.17	0.63	0.21
<b>Employment status</b>					
Employed	13.4 (10.1-16.6)	531,853	1.00	0.00	1.00
Homemaker	15.8 (6.93-24.8)	67,635	3.07	0.65	0.08
Unemployed	13.5 (8.52-18.6)	197,677	1.09	0.38	0.80
Retired	21.5 (8.35-34.6)	38,721	1.93	0.76	0.39
Student	2.04 (0.00-6.04)	21,612	0.20	1.28	0.22
Unable to Work	14.2 (4.93-23.5)	34,900	0.75	0.67	0.67

Source: Behavioral Risk Factor Surveillance Survey, 2008