



## Adults and Children Current Asthma Prevalence Tables 2010

In this section we provide a set of summary tables of current asthma prevalence among adults in Puerto Rico, for the years 2010. 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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**Table 1:** *Current asthma prevalence among adults and children, 2010*

Group	Prevalence	Number	Sample Size
Adults	7.48 (6.31-8.66)	213,007	3,542
Children	12.22 (9.46-14.98)	125,209	784

Source: Behavioral Risk Factor Surveillance Survey, 2010

**Table 2:** *Current asthma prevalence among adults by Socio-demographic variables, 2010*

Variables	Prevalence	Number	OR	OR(SE)	p-value
<b>Age group</b>					
18-24	7.63 (3.53-11.7)	31,760	1.00	0.00	1.00
25-34	9.30 (5.58-13.0)	50,826	0.89	0.57	0.84
35-44	5.55 (3.14-7.96)	29,231	0.31	0.58	0.04
45-54	7.93 (5.45-10.4)	38,045	0.50	0.57	0.23
55-64	7.71 (5.68-9.73)	31,060	0.42	0.59	0.15
65+	6.74 (5.35-8.14)	32,087	0.32	0.63	0.07
<b>Gender</b>					
Male	5.52 (3.89-7.15)	73,768	1.00	0.00	1.00
Female	9.21 (7.53-10.8)	139,239	1.95	0.23	0.00
<b>Escolarity</b>					
Some highschool	9.28 (6.76-11.8)	51,292	1.00	0.00	1.00
Highschool graduate	7.02 (4.69-9.34)	46,125	0.79	0.28	0.41
Some college	5.72 (3.53-7.91)	45,097	0.59	0.31	0.10
College graduate	8.37 (6.03-10.7)	70,492	1.02	0.29	0.93
<b>Household income</b>					
<15k	9.27 (6.98-11.5)	80,917	1.00	0.00	1.00
15k-<25k	7.86 (5.37-10.3)	59,290	0.92	0.24	0.75
25k-<35k	5.76 (2.41-9.11)	13,779	0.69	0.39	0.35
35k-<50k	6.38 (1.22-11.5)	10,008	0.83	0.54	0.74
50+k	7.17 (2.54-11.7)	12,364	0.98	0.45	0.96
<b>Marital status</b>					
Married	7.15 (5.58-8.71)	101,868	1.00	0.00	1.00
Divorced	9.86 (6.16-13.5)	25,304	1.50	0.27	0.13
Widowed	9.20 (6.42-11.9)	16,452	1.02	0.28	0.93
Separated	12.0 (6.13-17.9)	10,024	1.54	0.35	0.22
Never Married	6.83 (4.01-9.66)	46,004	0.85	0.38	0.68
Unmarried Couple	5.45 (0.51-10.3)	11,954	0.56	0.52	0.27
<b>Employment status</b>					
Employed	6.48 (4.57-8.39)	77,662	1.00	0.00	1.00
Out of work	4.18 (1.55-6.81)	10,585	0.78	0.44	0.58
Homework	8.79 (5.99-11.5)	44,450	1.00	0.31	0.97
Student	10.3 (4.32-16.4)	23,882	1.70	0.69	0.44
Retired	5.39 (3.93-6.85)	23,148	1.08	0.31	0.79
Unable to work	15.1 (10.3-19.8)	32,838	3.21	0.31	0.00
<b>Health region</b>					
Aguadilla	6.57 (2.81-10.3)	11,634	1.00	0.00	1.00
Arecibo	8.08 (5.07-11.0)	31,142	1.16	0.43	0.73
Bayamon	8.94 (5.41-12.4)	41,360	1.60	0.45	0.29
Fajardo	6.49 (3.84-9.14)	30,038	0.84	0.45	0.71
Caguas	7.93 (2.80-13.0)	8,031	1.33	0.55	0.60
Ponce	3.11 (1.62-4.60)	6,542	0.47	0.46	0.10
Mayaguez	7.12 (4.61-9.63)	44,173	1.39	0.43	0.43
Metro	9.37 (5.76-12.9)	40,087	1.66	0.44	0.24

Source: Behavioral Risk Factor Surveillance Survey, 2010

**Table 3:** *Current asthma prevalence among adults by risk and comorbidity variables, 2010*

Variables	Prevalence	Number	OR	OR(SE)	p-value
<b>Exercise</b>					
Yes	6.94 (5.33-8.55)	113,962	1.00	0.00	1.00
No	8.21 (6.51-9.92)	99,045	0.98	0.20	0.94
<b>BMI</b>					
Neither	4.77 (3.03-6.51)	45,406	1.00	0.00	1.00
Overweight	7.62 (5.83-9.42)	80,357	1.46	0.27	0.16
Obese	10.9 (8.07-13.7)	82,565	2.01	0.28	0.01
<b>Smoker</b>					
No1	7.55 (6.29-8.82)	189,375	1.00	0.00	1.00
Yes1	6.98 (3.83-10.1)	23,632	1.24	0.31	0.47
<b>Diabetes diagnosis</b>					
No2	7.01 (5.75-8.26)	173,947	1.00	0.00	1.00
Yes2	10.7 (7.50-14.0)	39,060	1.32	0.23	0.23
<b>Any chronic condition</b>					
No3	6.31 (5.02-7.59)	143,607	1.00	0.00	1.00
One or More	12.1 (9.37-14.9)	69,399	2.77	0.27	0.00

Source: Behavioral Risk Factor Surveillance Survey, 2010

## Child

**Table 4:** Current asthma prevalence among children by child sociodemographic variables, 2010

Variables	Prevalence	Population	OR	OR(SE)	p-value
<b>Age group</b>					
00-04	13.6 (7.44-19.7)	226,490	1.00	0.00	1.00
05-09	16.4 (10.0-22.9)	243,121	1.20	0.64	0.77
10-14	9.94 (6.34-13.5)	263,038	0.75	0.63	0.66
15-17	6.94 (2.46-11.4)	166,825	0.49	0.77	0.36
<b>Gender</b>					
Male	17.1 (12.7-21.6)	425,840	1.00	0.00	1.00
Female	7.20 (4.07-10.3)	473,634	0.38	0.46	0.04
<b>Health region</b>					
Aguadilla	16.2 (3.83-28.6)	50,192	1.00	0.00	1.00
Arecibo	11.1 (4.24-18.0)	132,589	4.54	0.93	0.10
Bayamon	16.1 (7.95-24.4)	111,831	3.15	0.89	0.20
Metro	12.3 (5.87-18.7)	204,422	0.80	0.79	0.79
Fajardo	10.4 (0.18-20.7)	43,740	0.82	1.33	0.88
Caguas	13.2 (6.67-19.8)	146,826	1.19	0.77	0.82
Ponce	11.3 (4.64-17.9)	152,902	3.07	0.85	0.19
Mayaguez	2.47 (0.00-5.93)	56,973	0.52	1.93	0.73
<b>Annual incomg</b>					
<15k	21.3 (14.2-28.3)	220,117	1.00	0.00	1.00
15k-<25k	7.29 (3.45-11.1)	260,269	0.22	0.56	0.00
25k-<35k	11.1 (3.28-19.0)	93,897	1.03	0.80	0.96
35k<50k	9.59 (1.81-17.3)	73,003	0.41	0.75	0.24
50+k	16.9 (7.41-26.4)	81,600	0.59	0.76	0.50
<b>Marital status</b>					
Married	9.33 (6.20-12.4)	513,395	1.00	0.00	1.00
Divorced	7.67 (2.06-13.2)	116,135	0.36	0.65	0.12
Widowed	6.32 (0.00-14.9)	26,934	0.16	1.67	0.28
Separated	37.5 (19.6-55.3)	41,166	1.86	0.85	0.46
Never Married	18.4 (9.52-27.4)	92,896	0.67	0.87	0.65
Unmarried Couple	11.6 (3.19-20.0)	108,949	1.00	0.74	0.99
<b>Employment status</b>					
Employed	11.0 (7.67-14.5)	462,690	1.00	0.00	1.00
Homemaker	14.9 (6.40-23.4)	92,738	1.07	0.74	0.92
Unemployed	14.0 (7.39-20.7)	229,777	0.94	0.63	0.92
Retired	12.0 (0.49-23.6)	39,698	8.74	1.26	0.08
Student	5.34 (0.00-12.6)	31,427	0.37	0.82	0.23
Unable to Work	12.8 (2.08-23.7)	42,167	0.56	0.76	0.46

Source: Behavioral Risk Factor Surveillance Survey, 2010