



Adults and Children Current Asthma Prevalence Tables 2011

In this section we provide a set of summary tables of current asthma prevalence among adults in Puerto Rico, for the years 2011. 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, 2011*

Group	Prevalence	Number	Sample Size
Adults	10.07 (9.16-10.97)	286,576	6,613
Children	13.67 (10.95-16.39)	141,148	1,230

Source: Behavioral Risk Factor Surveillance Survey, 2011

Table 2: *Current asthma prevalence among adults by Socio-demographic variables, 2011*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Age group					
18-24	11.8 (8.91-14.7)	49,214	1.00	0.00	1.00
25-34	10.5 (8.17-12.8)	57,507	0.80	0.25	0.39
35-44	10.5 (8.11-12.8)	55,269	0.80	0.26	0.41
45-54	10.4 (8.32-12.6)	50,325	0.68	0.27	0.16
55-64	8.13 (6.43-9.82)	32,750	0.46	0.28	0.00
65+	8.72 (7.35-10.0)	41,512	0.55	0.31	0.05
Gender					
Male	6.57 (5.39-7.74)	87,796	1.00	0.00	1.00
Female	13.1 (11.8-14.4)	198,780	2.50	0.13	0.00
Escolarity					
Some highschool	10.3 (8.51-12.2)	90,384	1.00	0.00	1.00
Highschool graduate	9.91 (8.21-11.6)	72,716	0.92	0.17	0.65
Some college	10.8 (8.97-12.7)	74,683	1.01	0.17	0.91
College graduate	8.76 (7.16-10.3)	48,322	1.03	0.20	0.88
Household income					
<15k	12.1 (10.5-13.7)	139,765	1.00	0.00	1.00
15k-<25k	9.55 (7.78-11.3)	64,395	0.77	0.15	0.10
25k-<35k	11.2 (8.02-14.5)	24,964	0.94	0.23	0.79
35k-<50k	6.09 (3.15-9.02)	10,254	0.46	0.32	0.01
50+k	5.23 (2.97-7.48)	8,145	0.42	0.28	0.00
Marital status					
Married	9.42 (8.16-10.6)	107,633	1.00	0.00	1.00
Divorced	11.2 (8.34-14.0)	35,359	1.05	0.18	0.75
Widowed	10.0 (7.31-12.6)	21,665	0.79	0.22	0.30
Separated	12.2 (8.07-16.4)	19,444	0.97	0.23	0.92
Never Married	10.1 (8.13-12.2)	69,691	0.77	0.18	0.18
Unmarried Couple	10.1 (6.91-13.3)	32,358	0.91	0.21	0.67
Employment status					
Employed	8.11 (6.78-9.44)	94,015	1.00	0.00	1.00
Out of work	12.4 (8.94-15.8)	35,548	1.26	0.22	0.28
Homework	10.9 (8.91-12.9)	60,905	0.75	0.19	0.15
Student	12.3 (8.47-16.2)	29,391	1.54	0.30	0.14
Retired	7.56 (5.99-9.13)	28,229	1.00	0.22	0.97
Unable to work	16.7 (12.8-20.6)	38,489	2.00	0.22	0.00
Health region					
Aguadilla	13.1 (9.09-17.1)	24,757	1.00	0.00	1.00
Arecibo	10.5 (8.07-12.9)	38,286	0.66	0.24	0.10
Bayamon	10.5 (8.26-12.7)	50,494	0.81	0.23	0.40
Fajardo	10.7 (8.40-13.0)	48,111	0.71	0.24	0.16
Caguas	6.22 (2.74-9.69)	6,429	0.30	0.42	0.00
Ponce	11.8 (8.11-15.5)	27,616	0.81	0.27	0.47
Mayaguez	9.13 (7.29-10.9)	50,757	0.66	0.23	0.08
Metro	8.79 (6.48-11.1)	39,514	0.65	0.24	0.09

Source: Behavioral Risk Factor Surveillance Survey, 2011

Table 3: *Current asthma prevalence among adults by risk and comorbidity variables, 2011*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Exercise					
Yes	10.0 (8.69-11.3)	148,844	1.00	0.00	1.00
No	10.1 (8.89-11.4)	135,683	0.85	0.12	0.17
BMI					
Neither	8.49 (6.99-9.98)	78,694	1.00	0.00	1.00
Overweight	8.86 (7.51-10.2)	96,523	1.08	0.14	0.56
Obese	14.2 (12.1-16.4)	102,925	1.72	0.15	0.00
Smoker					
No1	9.97 (9.01-10.9)	241,854	1.00	0.00	1.00
Yes1	10.4 (7.73-13.0)	43,747	1.20	0.17	0.29
Diabetes diagnosis					
No2	9.66 (8.68-10.6)	237,661	1.00	0.00	1.00
Yes2	12.4 (10.0-14.8)	47,559	1.33	0.14	0.04
Any chronic condition					
No3	9.05 (8.04-10.0)	204,463	1.00	0.00	1.00
One or More	13.9 (11.9-15.9)	82,113	2.28	0.16	0.00

Source: Behavioral Risk Factor Surveillance Survey, 2011

Child

Table 4: Current asthma prevalence among children by child sociodemographic variables, 2011

Variables	Prevalence	Population	OR	OR(SE)	p-value
Age group					
00-04	15.0 (8.22-21.8)	225,728	1.00	0.00	1.00
05-09	13.4 (8.38-18.4)	251,790	0.39	0.60	0.12
10-14	19.2 (13.5-24.8)	155,968	0.53	0.56	0.27
15-17	10.0 (4.82-15.2)	163,002	0.28	0.59	0.03
Gender					
Male	12.9 (9.58-16.3)	452,789	1.00	0.00	1.00
Female	14.4 (10.1-18.7)	434,745	1.11	0.38	0.78
Health region					
Aguadilla	8.38 (0.62-16.1)	24,723	1.00	0.00	1.00
Arecibo	16.4 (8.98-23.9)	60,872	2.65	1.10	0.37
Bayamon	9.74 (4.19-15.2)	64,447	0.61	1.10	0.65
Metro	14.7 (8.67-20.7)	91,726	2.60	1.16	0.41
Fajardo	12.3 (0.10-24.6)	16,209	4.74	1.40	0.26
Caguas	12.6 (6.30-19.0)	68,350	0.82	1.07	0.85
Ponce	4.05 (0.28-7.82)	91,688	0.42	1.18	0.47
Mayaguez	21.3 (10.2-32.4)	34,528	2.77	1.14	0.37
Annual incomg					
<15k	15.5 (10.4-20.5)	333,250	1.00	0.00	1.00
15k-<25k	12.9 (8.11-17.6)	243,835	0.38	0.48	0.05
25k-<35k	10.7 (4.29-17.3)	73,603	1.69	0.63	0.40
35k<50k	13.0 (2.71-23.3)	74,175	1.25	0.72	0.75
50+k	9.72 (3.75-15.6)	72,507	1.40	0.74	0.64
Marital status					
Married	12.4 (8.77-16.1)	441,090	1.00	0.00	1.00
Divorced	13.2 (5.28-21.1)	64,119	1.02	0.61	0.97
Widowed	17.6 (0.00-38.1)	28,633	0.50	0.87	0.43
Separated	6.07 (0.93-11.2)	64,261	0.23	0.77	0.06
Never Married	15.3 (8.04-22.7)	132,032	2.41	0.62	0.15
Unmarried Couple	17.6 (10.2-25.0)	160,214	1.55	0.61	0.47
Employment status					
Employed	12.2 (8.82-15.6)	436,734	1.00	0.00	1.00
Homemaker	18.8 (9.27-28.4)	97,915	3.23	0.67	0.08
Unemployed	15.1 (8.96-21.2)	237,851	1.54	0.52	0.40
Retired	12.3 (2.12-22.4)	54,573	0.39	0.74	0.21
Student	6.36 (0.00-16.7)	24,419	16.8	1.71	0.10
Unable to Work	12.6 (4.69-20.6)	40,032	0.63	0.81	0.58

Source: Behavioral Risk Factor Surveillance Survey, 2011