



Adults and Children Current Asthma Prevalence Tables 2012

In this section we provide a set of summary tables of current asthma prevalence among adults in Puerto Rico, for the years 2012. 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, 2012*

Group	Prevalence	Number	Sample Size
Adults	8.88 (8.03-9.73)	250,066	6,323
Children	13.68 (11.73-15.64)	125,412	1,724

Source: Behavioral Risk Factor Surveillance Survey, 2012

Table 2: *Current asthma prevalence among adults by Socio-demographic variables, 2012*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Age group					
18-24	10.0 (7.19-12.9)	38,463	1.00	0.00	1.00
25-34	9.81 (7.57-12.0)	48,758	0.91	0.27	0.75
35-44	7.26 (5.48-9.05)	35,467	0.73	0.28	0.28
45-54	9.26 (6.93-11.6)	44,922	0.83	0.32	0.58
55-64	10.5 (8.60-12.5)	45,902	0.96	0.30	0.90
65+	6.89 (5.54-8.23)	36,554	0.60	0.35	0.16
Gender					
Male	6.40 (5.18-7.61)	84,492	1.00	0.00	1.00
Female	11.0 (9.88-12.2)	165,574	1.80	0.14	0.00
Escolarity					
Some highschool	9.86 (7.94-11.7)	81,803	1.00	0.00	1.00
Highschool graduate	7.43 (5.94-8.91)	54,254	0.81	0.18	0.26
Some college	9.87 (8.18-11.5)	68,529	1.05	0.19	0.76
College graduate	8.03 (6.62-9.45)	44,807	1.04	0.21	0.82
Household income					
<15k	11.0 (9.47-12.5)	125,517	1.00	0.00	1.00
15k-<25k	7.73 (6.19-9.26)	50,684	0.85	0.15	0.29
25k-<35k	7.06 (4.48-9.65)	14,678	0.85	0.24	0.50
35k-<50k	6.86 (4.16-9.56)	10,537	0.88	0.25	0.62
50+k	7.51 (4.55-10.4)	11,039	1.10	0.29	0.73
Marital status					
Married	7.06 (6.04-8.09)	78,064	1.00	0.00	1.00
Divorced	11.5 (8.77-14.3)	35,911	1.39	0.18	0.07
Widowed	9.12 (6.58-11.6)	21,598	1.04	0.22	0.84
Separated	10.0 (6.31-13.8)	14,274	1.42	0.25	0.16
Never Married	10.4 (8.29-12.5)	74,056	1.62	0.18	0.00
Unmarried Couple	8.46 (5.59-11.3)	25,448	1.12	0.22	0.60
Employment status					
Employed	6.05 (5.00-7.10)	67,531	1.00	0.00	1.00
Out of work	11.9 (7.81-16.0)	30,625	1.93	0.23	0.00
Homework	12.4 (10.2-14.6)	68,510	1.84	0.19	0.00
Student	10.5 (6.76-14.2)	23,135	1.34	0.32	0.35
Retired	5.62 (4.31-6.93)	24,713	1.10	0.22	0.66
Unable to work	15.4 (11.8-19.1)	34,705	2.69	0.21	0.00
Health region					
Aguadilla	10.8 (7.31-14.2)	18,585	1.00	0.00	1.00
Arecibo	12.6 (9.52-15.7)	46,243	1.26	0.26	0.36
Bayamon	9.10 (7.10-11.1)	41,113	0.90	0.25	0.68
Fajardo	8.02 (6.06-9.97)	36,399	0.87	0.26	0.62
Caguas	5.48 (2.95-8.01)	5,860	0.50	0.35	0.05
Ponce	7.69 (4.89-10.4)	19,204	0.68	0.29	0.19
Mayaguez	8.23 (6.46-10.0)	45,868	0.86	0.25	0.57
Metro	7.87 (5.76-9.97)	34,155	0.64	0.27	0.10

Source: Behavioral Risk Factor Surveillance Survey, 2012

Table 3: *Current asthma prevalence among adults by risk and comorbidity variables, 2012*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Exercise					
Yes	8.00 (6.89-9.11)	129,738	1.00	0.00	1.00
No	10.0 (8.75-11.3)	120,328	1.07	0.12	0.57
BMI					
Neither	7.49 (5.94-9.04)	68,519	1.00	0.00	1.00
Overweight	7.36 (6.16-8.56)	75,173	0.97	0.16	0.87
Obese	12.7 (10.8-14.5)	97,539	1.87	0.16	0.00
Smoker					
No1	8.37 (7.51-9.23)	204,479	1.00	0.00	1.00
Yes1	12.2 (9.01-15.3)	43,161	1.81	0.18	0.00
Diabetes diagnosis					
No2	8.30 (7.38-9.22)	195,264	1.00	0.00	1.00
Yes2	11.7 (9.52-13.9)	53,959	1.17	0.15	0.30
Any chronic condition					
No3	7.66 (6.75-8.56)	165,803	1.00	0.00	1.00
One or More	12.9 (10.8-15.0)	84,263	2.74	0.20	0.00

Source: Behavioral Risk Factor Surveillance Survey, 2012

Child

Table 4: Current asthma prevalence among children by child sociodemographic variables, 2012

Variables	Prevalence	Population	OR	OR(SE)	p-value
Age group					
00-04	12.2 (8.27-16.1)	200,276	1.00	0.00	1.00
05-09	17.6 (13.1-22.1)	199,300	1.17	0.48	0.73
10-14	14.0 (10.3-17.7)	177,160	0.56	0.46	0.21
15-17	12.8 (8.52-17.2)	149,185	0.69	0.48	0.46
Gender					
Male	15.1 (12.6-17.6)	391,216	1.00	0.00	1.00
Female	12.3 (9.32-15.4)	393,895	1.45	0.29	0.20
Health region					
Aguadilla	3.29 (0.00-9.74)	25,397	1.00	0.00	1.00
Arecibo	23.0 (11.7-34.3)	49,959	16.1	1.87	0.14
Bayamon	18.1 (7.19-29.1)	41,434	21.1	1.86	0.10
Metro	10.4 (5.32-15.6)	71,607	19.8	1.93	0.12
Fajardo	1.95 (0.00-4.80)	21,403	4.75	2.52	0.53
Caguas	10.1 (4.08-16.1)	49,738	8.88	1.82	0.23
Ponce	10.8 (2.18-19.4)	69,852	2.09	1.77	0.67
Mayaguez	11.2 (2.59-19.9)	34,850	5.48	1.96	0.38
Annual incomg					
<15k	18.9 (14.8-23.0)	243,356	1.00	0.00	1.00
15k-<25k	12.7 (9.14-16.3)	222,424	0.75	0.37	0.44
25k-<35k	13.6 (7.35-19.9)	70,592	0.48	0.51	0.15
35k<50k	11.6 (6.00-17.2)	65,287	0.56	0.58	0.32
50+k	10.8 (5.64-16.1)	66,879	0.29	0.50	0.01
Marital status					
Married	12.1 (9.52-14.8)	386,418	1.00	0.00	1.00
Divorced	12.6 (7.27-18.0)	77,158	0.38	0.46	0.04
Widowed	12.6 (3.64-21.6)	27,594	7.37	1.44	0.16
Separated	27.5 (16.7-38.2)	41,155	1.24	0.54	0.69
Never Married	12.0 (8.30-15.8)	130,856	0.76	0.43	0.53
Unmarried Couple	15.3 (9.36-21.3)	126,297	1.06	0.45	0.88
Employment status					
Employed	12.7 (10.1-15.2)	405,992	1.00	0.00	1.00
Homemaker	16.3 (10.2-22.3)	74,735	0.41	0.48	0.06
Unemployed	15.0 (10.4-19.5)	206,742	0.54	0.38	0.11
Retired	12.6 (6.05-19.2)	50,078	0.66	0.56	0.46
Student	9.68 (1.23-18.1)	26,661	0.38	0.89	0.28
Unable to Work	16.0 (6.07-26.0)	26,548	0.67	0.83	0.63

Source: Behavioral Risk Factor Surveillance Survey, 2012