



Adults and Children Current Asthma Prevalence Tables 2013

In this section we provide a set of summary tables of current asthma prevalence among adults in Puerto Rico, for the years 2013. 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, 2013*

Group	Prevalence	Number	Sample Size
Adults	10.29 (9.27-11.32)	289,917	6,011
Children	14.03 (11.94-16.12)	122,686	1,508

Source: Behavioral Risk Factor Surveillance Survey, 2013

Table 2: *Current asthma prevalence among adults by Socio-demographic variables, 2013*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Age group					
18-24	13.3 (9.78-16.9)	50,633	1.00	0.00	1.00
25-34	8.60 (5.62-11.5)	42,042	0.50	0.32	0.03
35-44	9.81 (7.40-12.2)	47,193	0.43	0.32	0.01
45-54	9.71 (7.50-11.9)	47,072	0.45	0.33	0.01
55-64	12.4 (9.93-14.9)	54,507	0.48	0.35	0.04
65+	8.85 (7.39-10.3)	48,469	0.28	0.39	0.00
Gender					
Male	7.01 (5.54-8.47)	92,596	1.00	0.00	1.00
Female	13.1 (11.7-14.6)	197,321	2.24	0.15	0.00
Escolarity					
Some highschool	10.2 (8.08-12.4)	81,969	1.00	0.00	1.00
Highschool graduate	10.1 (8.05-12.2)	74,096	1.05	0.20	0.80
Some college	12.0 (10.0-14.0)	85,617	1.13	0.21	0.54
College graduate	8.35 (6.78-9.91)	47,740	0.83	0.23	0.44
Household income					
<15k	11.4 (9.78-13.1)	138,607	1.00	0.00	1.00
15k-<25k	10.2 (7.97-12.4)	66,134	1.07	0.16	0.64
25k-<35k	10.1 (7.00-13.2)	20,369	1.18	0.21	0.43
35k-<50k	7.75 (4.14-11.3)	11,298	0.96	0.30	0.89
50+k	5.95 (3.17-8.74)	8,478	0.82	0.32	0.54
Marital status					
Married	8.97 (7.61-10.3)	97,357	1.00	0.00	1.00
Divorced	11.5 (8.68-14.3)	60,811	1.20	0.19	0.34
Widowed	10.7 (7.93-13.5)	32,083	1.22	0.22	0.37
Separated	11.8 (6.92-16.8)	28,468	1.36	0.27	0.25
Never Married	9.96 (7.55-12.3)	49,009	1.12	0.21	0.57
Unmarried Couple	12.4 (8.71-16.1)	20,483	1.33	0.24	0.23
Employment status					
Employed	7.97 (6.45-9.50)	89,729	1.00	0.00	1.00
Out of work	13.8 (9.17-18.4)	38,633	1.60	0.24	0.05
Homework	10.2 (8.05-12.3)	52,914	0.80	0.21	0.29
Student	10.8 (6.92-14.8)	19,157	0.70	0.35	0.32
Retired	9.96 (8.08-11.8)	48,385	1.72	0.24	0.02
Unable to work	17.8 (13.3-22.3)	40,022	2.45	0.25	0.00
Health region					
Aguadilla	11.9 (7.47-16.4)	24,191	1.00	0.00	1.00
Arecibo	10.0 (7.23-12.9)	35,967	1.00	0.33	0.99
Bayamon	10.8 (8.49-13.1)	48,171	1.04	0.31	0.88
Caguas	11.8 (9.02-14.6)	54,993	1.20	0.32	0.55
Fajardo	13.0 (7.17-18.8)	13,334	1.24	0.41	0.59
Mayaguez	10.4 (6.24-14.5)	23,096	1.12	0.38	0.76
Metro	7.99 (6.11-9.88)	43,247	0.83	0.32	0.57
Ponce	10.1 (7.53-12.7)	45,269	0.97	0.33	0.93

Source: Behavioral Risk Factor Surveillance Survey, 2013

Table 3: *Current asthma prevalence among adults by risk and comorbidity variables, 2013*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Exercise					
Yes	9.75 (8.26-11.2)	140,508	1.00	0.00	1.00
No	10.9 (9.53-12.4)	145,822	0.93	0.13	0.63
BMI					
Neither	8.93 (7.21-10.6)	80,614	1.00	0.00	1.00
Overweight	7.24 (5.85-8.64)	75,819	0.92	0.17	0.65
Obese	15.9 (13.5-18.4)	120,626	2.13	0.16	0.00
Smoker					
No1	10.2 (9.16-11.2)	254,700	1.00	0.00	1.00
Yes1	11.3 (7.31-15.4)	34,244	1.38	0.24	0.17
Diabetes diagnosis					
No2	9.85 (8.73-10.9)	235,592	1.00	0.00	1.00
Yes2	12.5 (10.0-15.1)	52,613	1.12	0.15	0.43
Any chronic condition					
No3	9.08 (7.92-10.2)	197,573	1.00	0.00	1.00
One or More	14.3 (12.1-16.5)	92,344	2.32	0.18	0.00

Source: Behavioral Risk Factor Surveillance Survey, 2013

Child

Table 4: Current asthma prevalence among children by child sociodemographic variables, 2013

Variables	Prevalence	Population	OR	OR(SE)	p-value
Age group					
00-04	10.6 (7.21-14.1)	156,243	1.00	0.00	1.00
05-09	20.3 (15.0-25.6)	183,791	1.19	0.44	0.69
10-14	11.5 (7.76-15.3)	217,503	0.42	0.44	0.05
15-17	13.1 (9.01-17.2)	130,262	0.59	0.45	0.25
Gender					
Male	15.1 (12.3-17.9)	372,318	1.00	0.00	1.00
Female	12.8 (9.73-16.0)	376,529	1.38	0.32	0.31
Health region					
Aguadilla	10.7 (1.65-19.8)	51,334	1.00	0.00	1.00
Arecibo	12.8 (7.80-17.8)	91,645	0.94	0.63	0.92
Bayamon	15.7 (10.2-21.2)	110,965	3.93	0.68	0.04
Metro	20.0 (14.0-25.9)	142,784	2.12	0.63	0.23
Fajardo	22.8 (9.15-36.6)	26,656	4.96	1.04	0.12
Caguas	9.88 (6.28-13.4)	137,536	1.07	0.64	0.90
Ponce	9.60 (5.57-13.6)	126,821	1.80	0.72	0.41
Mayaguez	13.0 (6.50-19.5)	62,298	1.87	0.72	0.38
Annual incomg					
<15k	16.1 (12.3-19.9)	287,195	1.00	0.00	1.00
15k-<25k	15.2 (11.2-19.3)	192,810	1.30	0.38	0.48
25k-<35k	10.2 (5.58-14.9)	68,110	1.02	0.61	0.96
35k<50k	14.3 (6.32-22.3)	46,519	1.00	0.59	0.99
50+k	9.34 (2.41-16.2)	68,320	0.45	0.60	0.19
Marital status					
Married	12.7 (9.79-15.6)	369,353	1.00	0.00	1.00
Divorced	10.3 (5.48-15.1)	87,883	0.86	0.54	0.79
Widowed	13.3 (2.88-23.8)	18,505	3.15	0.92	0.21
Separated	17.8 (8.44-27.2)	48,065	1.21	0.63	0.75
Never Married	18.1 (12.8-23.3)	127,216	1.23	0.45	0.64
Unmarried Couple	14.7 (8.43-21.1)	99,799	0.97	0.45	0.94
Employment status					
Employed	12.3 (9.76-14.9)	377,534	1.00	0.00	1.00
Homemaker	15.3 (8.72-21.9)	92,037	0.35	0.50	0.04
Unemployed	17.0 (11.7-22.2)	174,964	0.74	0.41	0.48
Retired	12.1 (4.26-19.9)	42,620	1.95	0.74	0.36
Student	9.72 (2.57-16.8)	36,273	0.34	0.67	0.12
Unable to Work	20.4 (10.2-30.5)	27,837	4.33	1.38	0.28

Source: Behavioral Risk Factor Surveillance Survey, 2013