



Adults and Children Current Asthma Prevalence Tables 2014

In this section we provide a set of summary tables of current asthma prevalence among adults in Puerto Rico, for the years 2014. 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, 2014*

Group	Prevalence	Number	Sample Size
Adults	10.6 (9.63-11.58)	298,155	5,988
Children	13.75 (11.61-15.88)	117,413	1,488

Source: Behavioral Risk Factor Surveillance Survey, 2014

Adults

Table 2: Current asthma prevalence among adults by Socio-demographic variables, 2014

Variables	Prevalence	Number	OR	OR(SE)	p-value
Age group					
18-24	10.1 (7.13-13.2)	38,262	1.00	0.00	1.00
25-34	11.1 (8.51-13.8)	53,617	1.05	0.29	0.86
35-44	11.0 (8.48-13.6)	52,550	1.14	0.30	0.66
45-54	10.5 (8.18-12.8)	50,575	0.93	0.30	0.81
55-64	11.3 (9.00-13.7)	49,701	0.85	0.31	0.62
65>	9.49 (7.92-11.0)	53,449	0.70	0.35	0.33
Gender					
Male	7.34 (5.97-8.71)	96,754	1.00	0.00	1.00
Female	13.4 (12.1-14.8)	201,401	2.30	0.14	0.00
Escolarity					
Some highschool	11.1 (9.10-13.2)	85,136	1.00	0.00	1.00
Highschool graduate	9.08 (7.20-10.9)	67,554	0.76	0.17	0.13
Some college	10.9 (9.04-12.9)	51,522	0.93	0.18	0.73
College graduate	11.2 (9.44-13.0)	92,635	1.06	0.19	0.74
Household income					
<15k	11.7 (10.0-13.3)	134,338	1.00	0.00	1.00
15k-<25k	11.3 (9.22-13.5)	63,810	1.01	0.15	0.92
25k-<35k	8.61 (5.59-11.6)	18,746	0.80	0.23	0.34
35k-<50k	12.1 (8.16-16.1)	21,892	1.17	0.23	0.50
50+k	6.81 (3.68-9.94)	12,376	0.64	0.30	0.14
Marital status					
Married	9.96 (8.55-11.3)	105,968	1.00	0.00	1.00
Divorced	11.5 (8.74-14.3)	40,878	0.94	0.18	0.73
Widowed	8.60 (6.16-11.0)	23,903	0.66	0.22	0.06
Separated	10.1 (5.77-14.5)	13,415	0.85	0.28	0.57
Never Married	10.4 (8.30-12.5)	72,459	1.06	0.18	0.73
Unmarried Couple	14.1 (10.1-18.0)	37,846	1.34	0.21	0.17
Employment status					
Employed	8.80 (7.25-10.3)	97,120	1.00	0.00	1.00
Out of work	8.79 (6.04-11.5)	25,822	0.97	0.23	0.89
Homework	12.0 (9.63-14.3)	58,495	1.18	0.19	0.37
Student	14.0 (9.11-19.0)	25,693	1.84	0.32	0.06
Retired	9.86 (8.07-11.6)	51,227	1.66	0.22	0.02
Unable to work	18.8 (14.4-23.3)	38,223	3.18	0.22	0.00
Health region					
Aguadilla	9.02 (5.35-12.6)	17,961	1.00	0.00	1.00
Arecibo	11.1 (8.49-13.8)	39,328	1.29	0.31	0.40
Bayamon	12.8 (10.0-15.7)	51,586	1.60	0.31	0.12
Caguas	10.9 (8.50-13.3)	50,376	1.36	0.30	0.31
Fajardo	8.24 (4.37-12.1)	8,140	0.92	0.38	0.84
Mayaguez	10.5 (7.27-13.8)	26,250	1.28	0.33	0.44
Metro	11.6 (9.38-13.8)	64,408	1.47	0.30	0.20
Ponce	7.90 (5.59-10.2)	34,685	0.95	0.32	0.89

Source: Behavioral Risk Factor Surveillance Survey, 2014

Table 3: *Current asthma prevalence among adults by risk and comorbidity variables, 2014*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Exercise					
Yes	9.30 (8.08-10.5)	155,283	1.00	0.00	1.00
No	12.5 (10.8-14.1)	142,872	1.25	0.12	0.06
BMI					
Underweight	5.75 (1.37-10.1)	3,428	1.00	0.00	1.00
Normalweight	7.68 (6.08-9.27)	65,679	2.64	0.54	0.07
Overweight	8.98 (7.45-10.5)	90,514	3.37	0.53	0.02
Obese	16.6 (14.4-18.8)	125,914	6.22	0.53	0.00
Smoker					
No	10.4 (9.41-11.4)	254,947	1.00	0.00	1.00
Yes	12.5 (9.19-15.9)	39,103	1.48	0.19	0.04
Diabetes diagnosis					
No	9.89 (8.83-10.9)	234,379	1.00	0.00	1.00
Yes	14.2 (11.7-16.7)	62,801	1.33	0.14	0.04
Any chronic condition					
No	9.20 (8.13-10.2)	197,035	1.00	0.00	1.00
One or More	15.0 (12.8-17.2)	101,120	2.24	0.19	0.00

Source: Behavioral Risk Factor Surveillance Survey, 2014

Child

Table 4: Current asthma prevalence among children by child sociodemographic variables, 2014

Variables	Prevalence	Population	OR	OR(SE)	p-value
Age group					
00-04	11.0 (6.81-15.2)	188,514	1.00	0.00	1.00
05-09	20.1 (14.6-25.5)	182,897	1.89	0.48	0.18
10-14	14.6 (10.9-18.4)	152,587	0.74	0.45	0.52
15-17	9.47 (5.86-13.0)	144,573	0.45	0.49	0.11
Gender					
Male	13.9 (10.9-16.9)	366,185	1.00	0.00	1.00
Female	13.6 (10.5-16.7)	365,326	1.36	0.33	0.34
Health region					
Aguadilla	14.8 (6.90-22.8)	47,781	1.00	0.00	1.00
Arecibo	14.3 (8.32-20.2)	91,182	0.54	0.77	0.43
Bayamon	20.8 (14.2-27.5)	95,617	0.68	0.74	0.61
Metro	8.58 (4.87-12.2)	147,681	0.34	0.76	0.16
Fajardo	14.0 (3.87-24.2)	34,247	0.56	0.91	0.52
Caguas	17.0 (11.6-22.3)	126,205	1.41	0.74	0.64
Ponce	10.1 (4.15-16.0)	121,521	0.86	0.79	0.85
Mayaguez	11.2 (5.71-16.7)	69,340	0.51	0.81	0.42
Annual incomg					
<15k	14.8 (11.2-18.5)	300,894	1.00	0.00	1.00
15k-<25k	13.7 (8.96-18.5)	164,607	0.76	0.40	0.50
25k-<35k	15.4 (8.89-22.0)	67,740	1.09	0.64	0.88
35k<50k	15.4 (8.76-22.2)	55,747	0.87	0.58	0.81
50+k	9.75 (4.48-15.0)	55,658	1.35	0.69	0.66
Marital status					
Married	15.9 (12.5-19.3)	328,284	1.00	0.00	1.00
Divorced	12.0 (6.28-17.8)	76,286	1.19	0.55	0.75
Widowed	4.95 (0.00-11.0)	29,020	2.47	1.18	0.44
Separated	9.83 (1.27-18.4)	35,854	2.12	0.73	0.30
Never Married	10.7 (6.74-14.8)	150,886	0.76	0.48	0.58
Unmarried Couple	15.5 (9.50-21.5)	114,730	0.97	0.46	0.95
Employment status					
Employed	13.3 (10.4-16.2)	334,622	1.00	0.00	1.00
Homemaker	11.8 (6.37-17.2)	102,845	0.83	0.54	0.73
Unemployed	15.0 (10.0-20.0)	191,648	0.74	0.42	0.48
Retired	10.0 (3.25-16.7)	40,370	1.13	0.89	0.88
Student	10.0 (2.67-17.5)	33,681	2.26	0.76	0.28
Unable to Work	23.3 (12.0-34.7)	31,987	1.28	0.60	0.68

Source: Behavioral Risk Factor Surveillance Survey, 2014

Table 5: *Current asthma prevalence among children by social variables, 2014*

Variables	Prevalence	Population	OR	OR(SE)	p-value
Annual income					
<15k	14.8 (11.2-18.5)	300,894	1.00	0.00	1.00
15k-<25k	13.7 (8.96-18.5)	164,607	0.76	0.40	0.50
25k-<35k	15.4 (8.89-22.0)	67,740	1.09	0.64	0.88
35k<50k	15.4 (8.76-22.2)	55,747	0.87	0.58	0.81
50+k	9.75 (4.48-15.0)	55,658	1.35	0.69	0.66
Marital status					
Married	15.9 (12.5-19.3)	328,284	1.00	0.00	1.00
Divorced	12.0 (6.28-17.8)	76,286	1.19	0.55	0.75
Widowed	4.95 (0.00-11.0)	29,020	2.47	1.18	0.44
Separated	9.83 (1.27-18.4)	35,854	2.12	0.73	0.30
Never Married	10.7 (6.74-14.8)	150,886	0.76	0.48	0.58
Unmarried Couple	15.5 (9.50-21.5)	114,730	0.97	0.46	0.95
Employment status					
Employed	13.3 (10.4-16.2)	334,622	1.00	0.00	1.00
Homemaker	11.8 (6.37-17.2)	102,845	0.83	0.54	0.73
Unemployed	15.0 (10.0-20.0)	191,648	0.74	0.42	0.48
Retired	10.0 (3.25-16.7)	40,370	1.13	0.89	0.88
Student	10.0 (2.67-17.5)	33,681	2.26	0.76	0.28
Unable to Work	23.3 (12.0-34.7)	31,987	1.28	0.60	0.68

Source: Behavioral Risk Factor Surveillance Survey, 2014