



Adults and Children Current Asthma Prevalence Tables 2009

In this section we provide a set of summary tables of current asthma prevalence among adults in Puerto Rico, for the years 2009. 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, 2009*

Group	Prevalence	Number	Sample Size
Adults	7.56 (6.49-8.63)	215,124	4,240
Children	9.39 (7.48-11.29)	12,462	1,062

Source: Behavioral Risk Factor Surveillance Survey, 2009

Table 2: *Current asthma prevalence among adults by Socio-demographic variables, 2009*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Age group					
18-24	8.48 (4.81-12.1)	35,268	1.00	0.00	1.00
25-34	7.69 (4.56-10.8)	42,187	0.63	0.41	0.26
35-44	8.52 (5.84-11.2)	44,835	0.78	0.41	0.56
45-54	8.08 (5.87-10.2)	38,809	0.75	0.39	0.48
55-64	5.90 (4.30-7.50)	23,690	0.63	0.42	0.28
65+	6.39 (4.99-7.78)	30,336	0.85	0.44	0.73
Gender					
Male	5.24 (3.69-6.79)	70,178	1.00	0.00	1.00
Female	9.61 (8.14-11.0)	144,946	2.25	0.22	0.00
Escolarity					
Some highschool	6.83 (5.10-8.56)	38,112	1.00	0.00	1.00
Highschool graduate	7.18 (5.19-9.17)	48,162	0.81	0.25	0.40
Some college	10.1 (7.51-12.8)	78,182	1.57	0.26	0.08
College graduate	5.90 (4.11-7.69)	49,993	0.88	0.29	0.68
Household income					
<15k	8.70 (6.94-10.4)	74,625	1.00	0.00	1.00
15k-<25k	7.01 (4.84-9.18)	48,422	0.76	0.22	0.22
25k-<35k	7.97 (4.30-11.6)	20,023	1.10	0.32	0.76
35k-<50k	4.14 (1.37-6.92)	8,375	0.53	0.41	0.13
50+k	5.70 (2.46-8.94)	13,425	0.78	0.41	0.54
Marital status					
Married	6.88 (5.62-8.13)	99,213	1.00	0.00	1.00
Divorced	9.35 (5.83-12.8)	23,215	0.88	0.24	0.60
Widowed	5.60 (3.72-7.47)	10,296	0.49	0.26	0.00
Separated	8.53 (4.22-12.8)	8,583	0.97	0.33	0.94
Never Married	8.41 (5.43-11.3)	57,371	0.89	0.31	0.71
Unmarried Couple	8.96 (4.13-13.7)	16,447	0.99	0.36	0.98
Employment status					
Employed	7.06 (5.37-8.74)	90,227	1.00	0.00	1.00
Out of work	9.63 (5.07-14.1)	22,221	1.41	0.35	0.32
Homework	8.25 (6.11-10.4)	36,931	0.79	0.26	0.39
Student	7.26 (2.82-11.6)	20,182	0.67	0.58	0.50
Retired	4.51 (3.24-5.77)	18,751	0.52	0.28	0.02
Unable to work	13.9 (9.37-18.4)	26,812	2.05	0.30	0.01
Health region					
Aguadilla	8.61 (4.72-12.5)	16,344	1.00	0.00	1.00
Arecibo	9.00 (6.29-11.7)	35,238	1.36	0.33	0.36
Bayamon	7.87 (5.13-10.6)	35,691	0.99	0.36	0.99
Fajardo	9.77 (6.20-13.3)	43,207	1.05	0.36	0.88
Caguas	8.69 (2.40-14.9)	8,864	0.56	0.57	0.32
Ponce	6.75 (3.67-9.83)	16,184	0.87	0.39	0.74
Mayaguez	6.45 (4.25-8.65)	39,019	0.92	0.36	0.83
Metro	4.86 (2.80-6.91)	20,577	0.66	0.38	0.28

Source: Behavioral Risk Factor Surveillance Survey, 2009

Table 3: *Current asthma prevalence among adults by risk and comorbidity variables, 2009*

Variables	Prevalence	Number	OR	OR(SE)	p-value
Exercise					
Yes	6.31 (4.90-7.73)	97,781	1.00	0.00	1.00
No	9.04 (7.41-10.6)	117,343	1.05	0.18	0.77
BMI					
Neither	5.29 (3.68-6.91)	50,509	1.00	0.00	1.00
Overweight	7.38 (5.51-9.26)	76,397	1.63	0.24	0.04
Obese	10.2 (8.05-12.4)	77,320	2.35	0.24	0.00
Smoker					
No1	7.35 (6.24-8.46)	186,811	1.00	0.00	1.00
Yes1	9.17 (5.43-12.9)	27,569	1.53	0.26	0.10
Diabetes diagnosis					
No2	7.35 (6.19-8.51)	181,979	1.00	0.00	1.00
Yes2	9.01 (6.28-11.7)	32,956	1.12	0.23	0.61
Any chronic condition					
No3	6.71 (5.52-7.90)	152,932	1.00	0.00	1.00
One or More	10.9 (8.57-13.3)	62,192	2.25	0.22	0.00

Source: Behavioral Risk Factor Surveillance Survey, 2009

Child

Table 4: Current asthma prevalence among children by child sociodemographic variables, 2009

Variables	Prevalence	Population	OR	OR(SE)	p-value
Age group					
00-04	8.99 (4.55-13.4)	20,536	1.00	0.00	1.00
05-09	17.4 (11.2-23.6)	16,506	3.16	0.68	0.09
10-14	8.08 (5.34-10.8)	53,658	0.44	0.57	0.16
15-17	7.01 (3.42-10.6)	29,617	0.32	0.62	0.07
Gender					
Male	10.6 (7.93-13.4)	62,994	1.00	0.00	1.00
Female	7.92 (5.27-10.5)	57,323	0.81	0.36	0.57
Health region					
Aguadilla	15.4 (6.00-24.8)	6,984	1.00	0.00	1.00
Arecibo	7.21 (2.91-11.5)	18,300	0.09	0.94	0.01
Bayamon	16.4 (10.4-22.5)	19,237	0.42	0.87	0.33
Metro	8.74 (4.18-13.3)	20,409	0.23	0.94	0.12
Fajardo	2.71 (0.00-6.59)	3,763	0.04	1.36	0.02
Caguas	9.35 (4.78-13.9)	19,655	0.07	0.92	0.00
Ponce	5.83 (2.05-9.61)	20,553	0.19	1.00	0.10
Mayaguez	5.01 (0.00-10.2)	11,416	0.14	1.01	0.05
Annual incomg					
<15k	11.0 (7.21-14.9)	33,487	1.00	0.00	1.00
15k-<25k	10.0 (6.32-13.8)	31,856	1.35	0.47	0.52
25k-<35k	5.69 (1.00-10.3)	12,473	0.45	0.63	0.21
35k<50k	15.4 (7.00-23.8)	9,851	1.25	0.65	0.72
50+k	3.88 (0.55-7.22)	13,762	0.50	0.80	0.40
Marital status					
Married	8.00 (5.77-10.2)	70,573	1.00	0.00	1.00
Divorced	14.7 (7.41-22.0)	13,273	0.88	0.56	0.82
Widowed	10.2 (0.00-21.2)	4,830	1.88	0.82	0.44
Separated	13.4 (3.82-23.0)	5,667	0.92	0.72	0.90
Never Married	9.00 (3.72-14.2)	16,318	1.18	0.66	0.79
Unmarried Couple	9.44 (2.39-16.4)	9,458	0.39	0.69	0.17
Employment status					
Employed	7.95 (5.55-10.3)	66,890	1.00	0.00	1.00
Homemaker	11.9 (4.41-19.4)	10,136	1.81	0.72	0.41
Unemployed	10.3 (6.09-14.5)	25,541	1.38	0.50	0.52
Retired	10.6 (2.26-18.9)	7,038	3.08	1.03	0.27
Student	2.57 (0.00-7.56)	5,557	1.28	1.39	0.85
Unable to Work	21.1 (8.94-33.3)	5,155	2.54	0.65	0.15

Source: Behavioral Risk Factor Surveillance Survey, 2009