**Table 1:** Characteristics of Aboriginal children and adolescents in Canada stratified according to presence/absence of chronic bronchitis, and unadjusted odds ratio estimates with 95% confidence intervals.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Descriptive Statistics (age = 6-11 years)** | | | **Descriptive Statistics (age = 12-19 years)** | | | |
|  | **Chronic Bronchitis** | | **ORUnadj (95%CIBRR)** | **Chronic Bronchitis** | | | **ORUnadj (95% CIBRR)** |
| **Yes- n (%)** | **No - n (%)** | **Yes - n (%)** | | **No - n (%)** |
| **Demographic Characteristics** | | | | | | | |
| **Sex** | | | | | | | |
| Boy | 2,500 (4.48) | 53,170 (95.52) | 1.00 | 590 (0.74) | | 79,100 (99.26) | 1.00 |
| Girl | 2,220 (4.16) | 51,140 (95.84) | 0.93 (0.83-1.03) | 1,830 (2.38) | | 75,210 (97.62) | **3.27 (2.81-3.81)** |
|  | | | | |  | | |
| **Age, years** |  |  |  |  | |  |  |
| 6-8 (< 15 yrs) | 2380 (4.27) | 53,350 (95.73) | 1.00 | 330 (0.60) | | 55,090 (99.40) | 1.00 |
| 9-11 (≥ 15 and ≤ 19 yrs) | 2,330 (4.37) | 50,970 (95.63) | 1.03 (0.92-1.15) | 2,090 (2.06) | | 99,220 (97.94) | **3.56 (3.06-4.13)** |
|  | | | | |  | | |
| **Location of residence** |  |  |  |  | |  |  |
| Rural | 1,170 (4.39) | 25,490 (95.61) | 1.00 | 520 (1.33) | | 38,630 (98.67) | 1.00 |
| Urban | 3,550 (4.31) | 78,820 (95.69) | 0.98 (0.86-1.13) | 1,900 (1.62) | | 115,680 (98.38) | **1.22 (1.03-1.44)** |
|  | | | | | | | |
| **Geographical area** | | | | | | | |
| Atlantic/Quebec | 1010 (7.13) | 13,150 (92.87) | 1.00 | 270 (1.27) | | 21,060 (98.73) | 1.00 |
| Ontario | 830 (3.57) | 22,390 (96.43) | **0.48 (0.40-0.58)** | 560 (1.56) | | 35,390 (98.44) | **1.24 (1.01-1.51)** |
| Manitoba/Saskatchewan | 1,240 (4.42) | 26,800 (95.58) | **0.60 (0.51-0.71)** | 320 (0.85) | | 37,410 (99.15) | **0.67 (0.53-0.86)** |
| Alberta | 550 (2.83) | 18,880 (97.17) | **0.38 (0.30-0.48)** | 860 (3.24) | | 25,670 (96.76) | **2.64 (2.17-3.22)** |
| British Columbia | 910 (4.90) | 17,660 (95.10) | **0.67 (0.56-0.80)** | 360 (1.28) | | 27,750 (98.72) | 1.01 (0.80-1.27) |
|  | | | | | | | |
| **Socio-economic status** | | | | | | | |
| **Educational attainment of guardian** | | | | | | | |
| Completed university certificate/ diploma/degree | 980 (3.69) | 25,610 (96.31) | 1.00 | 450 (1.18) | | 37,550 (98.82) | 1.00 |
| Completed college or non-university cert. or diploma | 1,520 (4.76) | 30,420 (95.24) | **1.29 (1.09-1.53)** | 510 (1.18) | | 42,540 (98.82) | 1.01 (0.83-1.24) |
| Some post-secondary or diploma | 920 (5.78) | 14,990 (94.22) | **1.61 (1.38-1.88)** | 370 (1.64) | | 22,150 (98.36) | **1.39 (1.08-1.80)** |
| Completed High school | 630 (3.79) | 15,980 (96.21) | 1.03 (0.87-1.22) | 420 (1.43) | | 28,860 (98.57) | 1.23 (0.95-1.59) |
| < = Some high school | 600 (4.19) | 13,710 (95.81) | 1.14 (0.95-1.37) | 650 (3.47) | | 18,090 (96.53) | **3.05 (2.36-3.93)** |
|  | | | | | | | |
| **Yearly income, $** | | | | | | | |
| ≥ 85,000 | 1,440 (3.92) | 35,330 (96.08) | 1.00 | 530 (0.88) | | 59,950 (99.12) | 1.00 |
| 65,000-84,999 | 480 (3.34) | 13,880 (96.66) | 0.85 (0.73-1.00) | 360 (1.64) | | 21,630 (98.36) | **1.86 (1.51-2.29)** |
| 45,000-64,999 | 570 (2.99) | 18,480 (97.01) | **0.75 (0.62-0.91)** | 250 (1.09) | | 22,630 (98.91) | **1.22 (0.96-1.55)** |
| 25,000-44,999 | 1,360 (5.53) | 23,250 (94.47) | **1.43 (1.25-1.63)** | 560 (1.86) | | 29,510 (98.14) | **2.16 (1.71-2.73)** |
| < 25,000 | 870 (6.11) | 13,370 (93.89) | **1.60 (1.35-1.88)** | 720 (3.38) | | 20,590 (96.62) | **3.96 (3.14-5.01)** |
|  | | | | | | | |
| **Health-related characteristics** | | | | | | | |
| **Attendance of Residential School** | | | | | | | |
| No | 1,490 (3.51) | 40,920 (96.49) | 1.00 | 730 (1.21) | | 59,420 (98.79) | 1.00 |
| Yes | 2,020 (4.31) | 44,860 (95.69) | **1.24 (1.07-1.43)** | 800 (1.26) | | 62,680 (98.74) | **1.04 (0.88-1.24)** |
|  | | | | | | | |
| **Smoking in house** |  |  |  |  | |  |  |
| No | - | - | - | 1,530 (1.26) | | 119,790 (98.74) | 1.00 |
| Yes | - | - | - | 900 (2.61) | | 33,520 (97.39) | **2.09 (1.76-2.49)** |
| **Asthma** |  |  |  |  | |  |  |
| No | 2,220 (2.49) | 86,790 (97.51) | 1.00 | 740 (0.56) | | 130,830 (99.44) | 1.00 |
| Yes | 2,490 (12.80) | 16,970 (87.20) | **5.71 (5.12-6.38)** | 1,680 (6.70) | | 23,390 (93.30) | **12.78 (11.05-14.78)** |
|  | | | | | | | |
| **Allergies** | | | | | | | |
| No | 2,770 (3.13) | 85,750 (96.87) | 1.00 | - | | - | - |
| Yes | 1,950 (9.51) | 18,560 (90.49) | **3.25 (2.92-3.62)** | - | | - | - |
|  | | | | | | | |
| **Body Mass Index** | | | | | | | |
| Neither overweight nor obese | 1,630 (3.43) | 45,830 (96.57) | 1.00 | 1,570 (1.38) | | 112,130 (98.62) | 1.00 |
| Overweight | 1,130 (5.22) | 20,510 (94.78) | **1.54 (1.33-1.79)** | 220 (0.95) | | 22,830 (99.05) | **0.70 (0.57-0.86)** |
| Obese | 1,060 (4.76) | 21,220 (95.24) | **1.40 (1.21-1.61)** | 310 (2.96) | | 10,150 (97.04) | **2.14 (1.71-2.69)** |