Supplementary Data: Sex Differences of Hospital and Emergency Department Presentations of Stroke in Canada

Miranda Wan1, Patrice Lindsay2, Amy Y. X. Yu3,4, Michael D. Hill1,5-9 Jessalyn K. Holodinsky1,5

1Department of Clinical Neurosciences, Cumming School of Medicine, University of Calgary, Calgary, Alberta, Canada

2Heart and Stroke Foundation of Canada, Toronto, Ontario, Canada

3 Department of Medicine (Neurology), University of Toronto,

4 Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

5Hotchkiss Brain Institute, Cumming School of Medicine, University of Calgary, Calgary, Alberta, Canada

6Department of Community Health Sciences, Cumming School of Medicine, University of Calgary, Calgary, Alberta, Canada

7Department of Medicine, Cumming School of Medicine, University of Calgary, Calgary, Alberta, Canada

8Department of Radiology, Cumming School of Medicine, University of Calgary, Calgary, Alberta, Canada

9Foothills Medical Centre, Calgary, Alberta, Canada

Table of Contents

Supplementary table 1……………………………………………………………………………………………………………..3

Supplementary table 2……………………………………………………………………………………………………………..4

Supplementary table 3……………………………………………………………………………………………………………..5

Supplementary table 4………………………………………………………………….…………………………………………..6

Supplementary table 5…………………………………………………………………….…………………………………..…..7

Supplementary table 6……………………………………………………………………….…………………..………………..8

Supplementary table 7……………………………………………………………………………..……………………………….9

T1. Number of Events and Rates/100,000 for All Visits (ED and/or Hospital) Stratified by Sex (Note: does not include data from Quebec). Any significant differences in incidence rate shown in **bold**, if women had the greater incidence shown in **bold red**.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women | Men | P-value for IRR |
| Age Group | Number of Events\* | Events / 100,000 | Lower bound of CI | Upper bound of CI | Number of Events\* | Events / 100,000 | Lower bound of CI | Upper bound of CI |
|  ***20 to 24*** | ***167.68*** | ***14.59*** | ***12.47*** | ***16.98*** | ***121.62*** | ***9.76*** | ***8.10*** | ***11.65*** | ***0.001*** |
|  25 to 29 | 213.48 | 17.41 | 15.15 | 19.91 | 190.98 | 14.81 | 12.78 | 17.06 | 0.115 |
|  ***30 to 34*** | ***378.78*** | ***30.35*** | ***27.37*** | ***33.57*** | ***304.19*** | ***24.00*** | ***21.38*** | ***26.86*** | ***0.003*** |
|  35 to 39 | 559.49 | 45.15 | 41.49 | 49.06 | 525.20 | 43.11 | 39.50 | 46.96 | 0.464 |
|  40 to 44 | 838.31 | 70.45 | 65.76 | 75.38 | 849.57 | 73.01 | 68.19 | 78.09 | 0.477 |
|  45 to 49 | 1,357.20 | 111.64 | 105.78 | 117.74 | 1,361.31 | 113.18 | 107.24 | 119.35 | 0.735 |
|  ***50 to 54*** | ***1,957.33*** | ***146.71*** | ***140.28*** | ***153.36*** | ***2,417.95*** | ***181.67*** | ***174.50*** | ***189.06*** | ***<0.001*** |
|  ***55 to 59*** | ***2,687.48*** | ***198.12*** | ***190.70*** | ***205.75*** | ***3,403.21*** | ***253.87*** | ***245.42*** | ***262.55*** | ***<0.001*** |
|  ***60 to 64*** | ***3,208.92*** | ***264.04*** | ***254.98*** | ***273.34*** | ***4,370.78*** | ***372.72*** | ***361.75*** | ***383.94*** | ***<0.001*** |
|  ***65 to 69*** | ***3,906.35*** | ***380.65*** | ***368.80*** | ***392.78*** | ***5,115.99*** | ***527.48*** | ***513.12*** | ***542.14*** | ***<0.001*** |
|  ***70 to 74*** | ***4,717.70*** | ***591.79*** | ***575.03*** | ***608.92*** | ***5,502.54*** | ***747.59*** | ***727.97*** | ***767.61*** | ***<0.001*** |
|  ***75 to 79*** | ***4,877.71*** | ***858.79*** | ***834.85*** | ***883.23*** | ***5,464.78*** | ***1,116.04*** | ***1,086.64*** | ***1,146.03*** | ***<0.001*** |
|  ***80 to 84*** | ***5,648.61*** | ***1,337.52*** | ***1,302.87*** | ***1,372.87*** | ***5,278.76*** | ***1,603.13*** | ***1,560.17*** | ***1,646.97*** | ***<0.001*** |
|  ***85 to 89*** | ***5,322.49*** | ***1,770.23*** | ***1,722.99*** | ***1,818.44*** | ***3,927.08*** | ***2,034.21*** | ***1,971.08*** | ***2,098.85*** | ***<0.001*** |
|  ***90 to 94*** | ***3,537.30*** | ***2,251.42*** | ***2,177.83*** | ***2,326.86*** | ***1,749.89*** | ***2,411.23*** | ***2,299.57*** | ***2,526.91*** | ***0.020*** |
|  95 to 99 | 1,230.81 | 2,520.94 | 2,382.06 | 2,665.80 | 376.64 | 2,495.70 | 2,250.10 | 2,760.79 | 0.891 |
|  100+ | 171.1 | 2,289.46 | 1,959.17 | 2,659.50 | 39.92 | 2,609.26 | 1,864.10 | 3,553.08 | 0.506 |
|  ***All*** | ***40,780.74*** | ***281.25*** | ***278.53*** | ***284.00*** | ***41000.41*** | ***291.96*** | ***289.15*** | ***294.80*** | ***<0.001*** |

\*Note there are partial events as ED data are based on projections for data outside of Alberta and Ontario

T2. Number of Events and Rates/100,000 for Hospitalizations Stratified by Sex (Note: does not include data from Quebec). Any significant differences in incidence rate shown in **bold**, if women had the greater incidence shown in **bold red**.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women | Men | P-value IRR |
| Age Group | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI |
| 20 to 24 | 54 | 4.69 | 3.52 | 6.12 | 51 | 4.08 | 3.04 | 5.36 | 0.536 |
| 25 to 29 | 67 | 5.48 | 4.24 | 6.95 | 67 | 5.19 | 4.02 | 6.60 | 0.826 |
| 30 to 34 | 121 | 9.69 | 8.04 | 11.58 | 111 | 8.76 | 7.21 | 10.55 | 0.485 |
| 35 to 39 | 200 | 16.15 | 13.99 | 18.56 | 203 | 16.67 | 14.45 | 19.13 | 0.791 |
| ***40 to 44*** | ***284*** | ***23.87*** | ***21.18*** | ***26.82*** | ***339*** | ***29.12*** | ***26.10*** | ***32.39*** | ***0.015*** |
| ***45 to 49*** | ***460*** | ***37.84*** | ***34.46*** | ***41.46*** | ***605*** | ***50.31*** | ***46.38*** | ***54.48*** | ***<0.001*** |
| ***50 to 54*** | ***716*** | ***53.68*** | ***49.82*** | ***57.76*** | ***1,065*** | ***80.02*** | ***75.28*** | ***84.97*** | ***<0.001*** |
| ***55 to 59*** | ***1,023*** | ***75.43*** | ***70.88*** | ***80.20*** | ***1,660*** | ***123.84*** | ***117.95*** | ***129.95*** | ***<0.001*** |
| ***60 to 64*** | ***1,309*** | ***107.71*** | ***101.95*** | ***113.70*** | ***2,171*** | ***185.13*** | ***177.42*** | ***193.08*** | ***<0.001*** |
| ***65 to 69*** | ***1,710*** | ***166.64*** | ***158.84*** | ***174.73*** | ***2,573*** | ***265.29*** | ***255.13*** | ***275.74*** | ***<0.001*** |
| ***70 to 74*** | ***2,184*** | ***273.95*** | ***262.58*** | ***285.68*** | ***2,834*** | ***385.00*** | ***370.96*** | ***399.44*** | ***<0.001*** |
| ***75 to 79*** | ***2,529*** | ***445.24*** | ***428.05*** | ***462.94*** | ***2,897*** | ***591.61*** | ***570.26*** | ***613.56*** | ***<0.001*** |
| ***80 to 84*** | ***3,027*** | ***716.71*** | ***691.40*** | ***742.70*** | ***2,772*** | ***841.80*** | ***810.75*** | ***873.74*** | ***<0.001*** |
| ***85 to 89*** | ***3,077*** | ***1,023.49*** | ***987.64*** | ***1,060.30*** | ***2,229*** | ***1,154.64*** | ***1,107.19*** | ***1,203.59*** | ***<0.001*** |
| 90 to 94 | 2,165 | 1,378.09 | 1,320.65 | 1,437.39 | 1,031 | 1,420.56 | 1,335.16 | 1,509.99 | 0.433 |
| 95 to 99 | 737 | 1,509.29 | 1,402.27 | 1,622.30 | 221 | 1,462.99 | 1,276.46 | 1,669.13 | 0.717 |
| 100+ | 103 | 1,379.03 | 1,125.61 | 1,672.48 | 28 | 1,826.48 | 1,213.69 | 2,639.78 | 0.231 |
| ***All*** | ***19,766*** | ***136.32*** | ***134.43*** | ***138.23*** | ***20,857*** | ***148.52*** | ***146.52*** | ***150.55*** | ***<0.001*** |

T3. Number of Events and Rates/100,000 for ED Only Visits Stratified by Sex (Note: does not include data from Quebec). Any significant differences in incidence rate shown in **bold**, if women had the greater incidence shown in **bold red**.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women | Men | P-value for IRR |
| Age Group  | Number of Events\* | Events / 100,000 | Lower bound of CI | Upper bound of CI | Number of Events\* | Events / 100,000 | Lower bound of CI | Upper bound of CI |
|  ***20 to 24*** | ***113.68*** | ***9.90*** | ***8.17*** | ***11.90*** | ***70.62*** | ***5.68*** | ***4.43*** | ***7.16*** | ***<0.001*** |
|  25 to 29 | 146.48 | 11.93 | 10.08 | 14.03 | 123.98 | 9.61 | 7.99 | 11.46 | 0.087 |
|  ***30 to 34*** | ***257.78*** | ***20.66*** | ***18.22*** | ***23.34*** | ***193.19*** | ***15.24*** | ***13.17*** | ***17.55*** | ***0.002*** |
|  35 to 39 | 359.49 | 29.00 | 26.08 | 32.16 | 322.2 | 26.44 | 23.63 | 29.49 | 0.244 |
|  40 to 44 | 554.31 | 46.57 | 42.77 | 50.62 | 510.57 | 43.89 | 40.17 | 47.87 | 0.350 |
|  ***45 to 49*** | ***897.20*** | ***73.79*** | ***69.04*** | ***78.79*** | ***756.31*** | ***62.87*** | ***58.46*** | ***67.51*** | ***0.001*** |
|  ***50 to 54*** | ***1,241.33*** | ***93.03*** | ***87.93*** | ***98.36*** | ***1,352.95*** | ***101.66*** | ***96.31*** | ***107.22*** | ***0.025*** |
|  55 to 59 | 1,664.48 | 122.69 | 116.87 | 128.73 | 1,743.21 | 130.03 | 124.00 | 136.28 | 0.093 |
|  ***60 to 64*** | ***1,899.92*** | ***156.34*** | ***149.38*** | ***163.53*** | ***2,199.78*** | ***187.60*** | ***179.84*** | ***195.60*** | ***<0.001*** |
|  ***65 to 69*** | ***2,196.35*** | ***214.00*** | ***205.15*** | ***223.15*** | ***2,542.99*** | ***262.19*** | ***252.10*** | ***272.59*** | ***<0.001*** |
|  ***70 to 74*** | ***2,533.70*** | ***317.85*** | ***305.59*** | ***330.47*** | ***2,668.54*** | ***362.59*** | ***348.96*** | ***376.61*** | ***<0.001*** |
|  ***75 to 79*** | ***2,348.71*** | ***413.55*** | ***396.99*** | ***430.62*** | ***2,567.78*** | ***524.43*** | ***504.34*** | ***545.11*** | ***<0.001*** |
|  ***80 to 84*** | ***2,621.61*** | ***620.82*** | ***597.28*** | ***645.04*** | ***2,506.76*** | ***761.33*** | ***731.81*** | ***791.73*** | ***<0.001*** |
|  ***85 to 89*** | ***2,245.49*** | ***746.74*** | ***716.17*** | ***778.29*** | ***1,698.08*** | ***879.57*** | ***838.23*** | ***922.43*** | ***<0.001*** |
|  ***90 to 94*** | ***1,372.30*** | ***873.32*** | ***827.72*** | ***920.79*** | ***718.89*** | ***990.67*** | ***919.57*** | ***1065.81*** | ***0.007*** |
|  95 to 99 | 493.81 | 1,011.65 | 924.40 | 1104.92 | 155.64 | 1032.70 | 877.01 | 1,208.07 | 0.853 |
|  100+ | 68.10 | 910.43 | 706.98 | 1154.19 | 11.92 | 782.78 | 404.47 | 1,367.36 | 0.761 |
|  All | 21,014.74 | 144.93 | 142.98 | 146.91 | 20143.41 | 143.44 | 141.47 | 145.44 | 0.296 |

\*Note there are partial events as these are based on projections for data outside of Alberta and Ontario

T4. Number of Events and Rates/100,000 for All Ischemic Stroke Visits (ED and/or Hospital) Stratified by Sex (Note: does not include data from Quebec). Any significant differences in incidence rate shown in **bold**, if women had the greater incidence shown in **bold red**.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women | Men | P-value for IRR |
| Age Group | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI |
|  ***20 to 24*** | ***93.33*** | ***8.079229*** | ***6.52098*** | ***9.897601*** | ***46.67*** | ***3.759041*** | ***2.762002*** | ***4.998727*** | ***<0.001*** |
|  ***25 to 29*** | ***109.87*** | ***8.989851*** | ***7.388564*** | ***10.8352*** | ***73.98*** | ***5.73619*** | ***4.504143*** | ***7.201261*** | ***0.003*** |
|  30 to 34 | 166.52 | 13.37467 | 11.42307 | 15.56407 | 137.38 | 10.81757 | 9.082064 | 12.78814 | 0.074 |
|  35 to 39 | 247.58 | 20.03174 | 17.616 | 22.68625 | 243.24 | 19.95252 | 17.52251 | 22.6253 | 1 |
|  40 to 44 | 379.22 | 31.86089 | 28.7336 | 35.2357 | 397.68 | 34.18704 | 30.91044 | 37.71643 | 0.344 |
|  45 to 49 | 588.84 | 48.45543 | 44.62072 | 52.53155 | 639.95 | 53.22059 | 49.17668 | 57.50839 | 0.106 |
|  ***50 to 54*** | ***841.53*** | ***63.12156*** | ***58.92947*** | ***67.53315*** | ***1211.45*** | ***90.98709*** | ***85.93407*** | ***96.25968*** | ***<0.001*** |
|  ***55 to 59*** | ***1164.11*** | ***85.82457*** | ***80.96436*** | ***90.90029*** | ***1821.23*** | ***135.852*** | ***129.6833*** | ***142.2383*** | ***<0.001*** |
|  ***60 to 64*** | ***1525.37*** | ***125.4797*** | ***119.2602*** | ***131.9394*** | ***2344.32*** | ***199.8772*** | ***191.8667*** | ***208.1362*** | ***<0.001*** |
|  ***65 to 69*** | ***1921.67*** | ***187.303*** | ***179.022*** | ***195.8682*** | ***2770.76*** | ***285.7013*** | ***275.1617*** | ***296.5412*** | ***<0.001*** |
|  ***70 to 74*** | ***2264.12*** | ***283.9801*** | ***272.4017*** | ***295.9241*** | ***2982.26*** | ***405.1085*** | ***390.6976*** | ***419.9151*** | ***<0.001*** |
|  ***75 to 79*** | ***2496.28*** | ***439.4281*** | ***422.3564*** | ***457.0128*** | ***2942.11*** | ***600.8017*** | ***579.2859*** | ***622.9123*** | ***<0.001*** |
|  ***80 to 84*** | ***3022.7*** | ***715.7604*** | ***690.4704*** | ***741.74*** | ***2731.57*** | ***829.6563*** | ***798.8345*** | ***861.3627*** | ***<0.001*** |
|  ***85 to 89*** | ***2816.53*** | ***937.0042*** | ***902.7187*** | ***972.2585*** | ***2101.7*** | ***1088.848*** | ***1042.793*** | ***1136.414*** | ***<0.001*** |
|  90 to 94 | 2013.2 | 1281.341 | 1225.972 | 1338.567 | 998.93 | 1376.469 | 1292.426 | 1464.543 | 0.068 |
|  95 to 99 | 736.19 | 1507.239 | 1400.301 | 1620.178 | 220.55 | 1462.995 | 1276.456 | 1669.126 | 0.730 |
|  100+ | 113.94 | 1526.309 | 1259.017 | 1833.563 | 28.64 | 1891.716 | 1266.912 | 2716.819 | 0.354 |
|  ***All*** | ***20501*** | ***141.39*** | ***139.46*** | ***143.34*** | ***21692.42*** | ***154.47*** | ***153.42*** | ***156.54*** | ***<0.001*** |

T5. Number of Events and Rates/100,000 for All ICH Visits (ED and/or Hospital) Stratified by Sex (Note: does not include data from Quebec). Any significant differences in incidence rate shown in **bold**, if women had the greater incidence shown in **bold red**.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women | Men |  |
| Age Group | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | P-value for IRR |
|  20 to 24 | 8.53 | .7818609 | .3575166 | 1.484215 | 13.05 | 1.039735 | .5536149 | 1.777978 | 0.658 |
|  ***25 to 29*** | ***11.05*** | ***.8989851*** | ***.4487701*** | ***1.608533*** | ***28.66*** | ***2.247966*** | ***1.505498*** | ***3.228454*** | ***0.010*** |
|  30 to 34 | 14.04 | 1.12123 | .6129867 | 1.881233 | 26.17 | 2.05297 | 1.341068 | 3.008076 | 0.089 |
|  ***35 to 39*** | ***40.67*** | ***3.3117*** | ***2.376533*** | ***4.492694*** | ***60.75*** | ***5.008658*** | ***3.831227*** | ***6.433831*** | ***0.049*** |
|  40 to 44 | 40.65 | 3.446693 | 2.473406 | 4.675828 | 58.66 | 5.067927 | 3.857941 | 6.537257 | 0.070 |
|  ***45 to 49*** | ***80.76*** | ***6.66365*** | ***5.2919*** | ***8.282308*** | ***109.15*** | ***9.064132*** | ***7.442596*** | ***10.93404*** | ***0.042*** |
|  ***50 to 54*** | ***125.72*** | ***9.445745*** | ***7.868557*** | ***11.24636*** | ***168.93*** | ***12.69762*** | ***10.85537*** | ***14.76293*** | ***0.014*** |
|  ***55 to 59*** | ***170.86*** | ***12.60825*** | ***10.78927*** | ***14.64609*** | ***234.16*** | ***17.4571*** | ***15.29185*** | ***19.843*** | ***0.001*** |
|  ***60 to 64*** | ***160.47*** | ***13.16508*** | ***11.20419*** | ***15.37043*** | ***319.49*** | ***27.20172*** | ***24.29825*** | ***30.35663*** | ***<0.001*** |
|  ***65 to 69*** | ***280.5*** | ***27.38404*** | ***24.27553*** | ***30.78026*** | ***379.02*** | ***39.07643*** | ***35.2409*** | ***43.21553*** | ***<0.001*** |
|  ***70 to 74*** | ***321.48*** | ***40.26396*** | ***35.97928*** | ***44.91848*** | ***410.77*** | ***55.83488*** | ***50.56668*** | ***61.50279*** | ***<0.001*** |
|  ***75 to 79*** | ***357.62*** | ***63.02695*** | ***56.66647*** | ***69.90602*** | ***422.01*** | ***86.1789*** | ***78.15171*** | ***94.80683*** | ***<0.001*** |
|  ***80 to 84*** | ***409.32*** | ***96.83957*** | ***87.68069*** | ***106.6951*** | ***391.14*** | ***118.7392*** | ***107.2601*** | ***131.1123*** | ***0.004*** |
|  85 to 89 | 424.36 | 141.0329 | 127.9266 | 155.1177 | 290.18 | 150.2217 | 133.428 | 168.5443 | 0.429 |
|  90 to 94 | 277.34 | 176.3197 | 156.1651 | 198.3538 | 129.89 | 179.1201 | 149.6544 | 212.6906 | 0.919 |
|  95 to 99 | 65.53 | 135.16 | 104.5328 | 171.9567 | 23 | 152.2574 | 96.51812 | 228.4608 | 0.699 |
|  100+ | 4 | 53.55469 | 14.59185 | 137.1213 | 1 | 65.23157 | 1.65152 | 363.4471 | 1 |
|  ***All*** | ***2792.9*** | ***19.26*** | ***18.55*** | ***19.99*** | ***3066.03*** | ***21.83*** | ***21.07*** | ***22.62*** | ***<0.001*** |

T6. Number of Events and Rates/100,000 for All SAH Visits (ED and/or Hospital) Stratified by Sex (Note: does not include data from Quebec). Any significant differences in incidence rate shown in **bold**, if women had the greater incidence shown in **bold red**.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women | Men |  |
| Age Group | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | P-value for IRR |
|  20 to 24 | 20.05 | 1.737469 | 1.061291 | 2.683379 | 24.08 | 1.91951 | 1.229866 | 2.856079 | 0.860 |
|  25 to 29 | 21.13 | 1.716244 | 1.062382 | 2.623462 | 26.63 | 2.092934 | 1.379257 | 3.045109 | 0.591 |
|  30 to 34 | 58.27 | 4.645095 | 3.527215 | 6.004862 | 42.77 | 3.395296 | 2.457193 | 4.573442 | 0.143 |
|  35 to 39 | 66.68 | 5.411802 | 4.194072 | 6.872797 | 46.31 | 3.777021 | 2.765254 | 5.038017 | 0.072 |
|  40 to 44 | 83.26 | 6.977452 | 5.557501 | 8.649601 | 67.25 | 5.755104 | 4.460127 | 7.308779 | 0.274 |
|  45 to 49 | 106.82 | 8.802599 | 7.213943 | 10.63704 | 94.38 | 7.816775 | 6.31675 | 9.565753 | 0.441 |
|  50 to 54 | 162.42 | 12.14453 | 10.34639 | 14.16535 | 129.65 | 9.767401 | 8.160638 | 11.598 | 0.072 |
|  55 to 59 | 204.15 | 15.04142 | 13.04806 | 17.25319 | 134.27 | 9.996799 | 8.375919 | 11.83984 | <0.001 |
|  60 to 64 | 171.68 | 14.15246 | 12.11642 | 16.43274 | 142.12 | 12.1086 | 10.19898 | 14.27196 | 0.186 |
|  65 to 69 | 133.55 | 13.05858 | 10.94127 | 15.4661 | 144.39 | 14.84698 | 12.5211 | 17.47959 | 0.312 |
|  70 to 74 | 140.86 | 17.68604 | 14.88736 | 20.85798 | 92.51 | 12.63417 | 10.19741 | 15.47771 | 0.013 |
|  75 to 79 | 112.59 | 19.89398 | 16.39546 | 23.91805 | 88.87 | 18.17517 | 14.59616 | 22.36611 | 0.571 |
|  80 to 84 | 108.8 | 25.8081 | 21.19114 | 31.13225 | 83.87 | 25.5092 | 20.34714 | 31.58212 | 0.996 |
|  85 to 89 | 63.27 | 20.95536 | 16.10268 | 26.81101 | 50.86 | 26.4183 | 19.67016 | 34.73519 | 0.256 |
|  90 to 94 | 48.79 | 31.19013 | 23.07463 | 41.235 | 21.49 | 28.93479 | 17.91109 | 44.22989 | 0.886 |
|  95 to 99 | 12.95 | 26.62243 | 14.17532 | 45.52517 | 0 | 0 | 0 | 24.41996 | 0.060 |
|  **100+** | **1** | **13.38867** | **.3389719** | **74.59691** | **2.82** | **195.6947** | **40.35696** | **571.903** | **0.034** |
|  ***All*** | ***1516.27*** | ***10.46*** | ***9.94*** | ***11.00*** | ***1192.27*** | ***8.49*** | ***8.01*** | ***8.98*** | ***<0.001*** |

T7. Number of Events and Rates/100,000 for All TIA Visits (ED and/or Hospital) Stratified by Sex (Note: does not include data from Quebec). Any significant differences in incidence rate shown in **bold**, if women had the greater incidence shown in **bold red**.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Women | Men |  |
| Age Group  | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | Number of Events | Events / 100,000 | Lower bound of CI | Upper bound of CI | P-value for IRR |
|  20 to 24 | 45.77 | 3.996178 | 2.925704 | 5.330341 | 37.82 | 3.039224 | 2.150736 | 4.171573 | 0.253 |
|  25 to 29 | 71.43 | 5.80254 | 4.531832 | 7.319115 | 61.71 | 4.805997 | 3.68473 | 6.161071 | 0.318 |
|  ***30 to 34*** | ***139.95*** | ***11.2123*** | ***9.431991*** | ***13.23095*** | ***97.87*** | ***7.738117*** | ***6.282177*** | ***9.430286*** | ***0.006*** |
|  35 to 39 | 204.56 | 16.5585 | 14.36925 | 18.98699 | 174.9 | 14.3691 | 12.31899 | 16.66288 | 0.184 |
|  40 to 44 | 335.18 | 28.162 | 25.22669 | 31.34509 | 325.98 | 28.00245 | 25.04487 | 31.21326 | 0.973 |
|  45 to 49 | 580.78 | 47.79729 | 43.98925 | 51.84677 | 517.83 | 43.07542 | 39.44532 | 46.94976 | 0.091 |
|  50 to 54 | 827.66 | 62.07204 | 57.91554 | 66.44805 | 907.92 | 68.22154 | 63.85574 | 72.80722 | 0.052 |
|  55 to 59 | 1148.36 | 84.64485 | 79.81865 | 89.68658 | 1213.55 | 90.56802 | 85.5444 | 95.80965 | 0.105 |
|  ***60 to 64*** | ***1351.4*** | ***111.1627*** | ***105.3134*** | ***117.2523*** | ***1564.85*** | ***133.4504*** | ***126.9199*** | ***140.2299*** | ***<0.001*** |
|  ***65 to 69*** | ***1570.63*** | ***153.0973*** | ***145.6194*** | ***160.8596*** | ***1821.82*** | ***187.8556*** | ***179.3279*** | ***196.6841*** | ***<0.001*** |
|  ***70 to 74*** | ***1991.24*** | ***249.7369*** | ***238.8865*** | ***260.9531*** | ***2017*** | ***274.0121*** | ***262.1831*** | ***286.2372*** | ***0.003*** |
|  ***75 to 79*** | ***1911.22*** | ***336.4371*** | ***321.5204*** | ***351.8674*** | ***2011.79*** | ***410.8814*** | ***393.1221*** | ***429.2363*** | ***<0.001*** |
|  ***80 to 84*** | ***2107.79*** | ***499.1144*** | ***478.033*** | ***520.8862*** | ***2072.18*** | ***629.2269*** | ***602.4224*** | ***656.9168*** | ***<0.001*** |
|  ***85 to 89*** | ***2018.33*** | ***671.2369*** | ***642.267*** | ***701.1768*** | ***1484.34*** | ***768.7207*** | ***730.1026*** | ***808.8513*** | ***<0.001*** |
|  90 to 94 | 1197.97 | 762.5668 | 719.9913 | 807.0025 | 599.58 | 826.7082 | 761.8735 | 895.5856 | 0.113 |
|  95 to 99 | 416.14 | 851.9178 | 772.0092 | 937.8513 | 133.09 | 880.4449 | 737.1781 | 1043.427 | 0.773 |
|  100+ | 52.16 | 696.211 | 519.9637 | 912.9881 | 7.46 | 456.621 | 183.5853 | 940.8138 | 0.382 |
|  ***All*** | ***15970.57*** | ***110.15*** | ***108.44*** | ***111.87*** | ***15049.69*** | ***107.17*** | ***105.47*** | ***108.90*** | ***0.016*** |