

N131 – Rouge Profile: Emergency Department Care

| Indicators | City of Toronto | | | Toronto Central LHIN | | | Rouge | | | |
|---|-----------------|---------|------------|----------------------|---------|------------|---------------------|---------------------|---------------------|--------------|
| | Males | Females | Both sexes | Males | Females | Both sexes | Males (95% CI) | Females (95% CI) | Both sexes (95% CI) | Rate Ratio** |
| Demographics *** | | | | | | | | | | |
| Total Population Age 0-4 | 68,780 | 65,600 | 134,380 | 28,890 | 27,600 | 56,490 | 1,320 | 1,310 | 2,630 | |
| Total Population Age 5-19 | 215,715 | 203,795 | 419,510 | 81,570 | 77,890 | 159,460 | 4,810 | 4,580 | 9,390 | |
| Total Population Age 20-44 | 471,380 | 497,960 | 969,340 | 224,185 | 231,545 | 455,730 | 7,810 | 8,295 | 16,105 | |
| Total Population Age 45-64 | 294,840 | 322,830 | 617,670 | 130,750 | 138,995 | 269,745 | 5,500 | 5,925 | 11,425 | |
| All Emergency Department (ED) visits (2009) † | | | | | | | | | | |
| Population Age 0-4 | | | | | | | | | | |
| # of ED visits | 36,999 | 28,846 | 65,845 | 15,132 | 11,909 | 27,041 | 695 | 524 | 1,219 | |
| Rate of ED visits per 1,000 population per year | 537.9 | 439.7 | 490.0 | 523.8 | 431.5 | 478.7 | 526.5 (499.6-553.5) | 400.0 (373.5-426.5) | 463.5 (444.4-482.6) | 0.95 L |
| % of the population with one or more ED visits per year | 34.1 | 29.2 | 31.7 | 33.2 | 28.6 | 31.0 | 35.8 (31.7-39.8) | 26.6 (23.4-29.9) | 31.2 (28.6-33.8) | 0.98 NS |
| Population Age 5-19 | | | | | | | | | | |
| # of ED visits | 50,769 | 43,276 | 94,045 | 20,649 | 17,985 | 38,634 | 912 | 695 | 1,607 | |
| Rate of ED visits per 1,000 population per year | 235.4 | 212.4 | 224.2 | 253.1 | 230.9 | 242.3 | 189.6 (178.5-200.7) | 151.7 (141.4-162.1) | 171.1 (163.5-178.8) | 0.76 L |
| % of the population with one or more ED visits per year | 17.3 | 15.0 | 16.2 | 18.3 | 15.8 | 17.1 | 14.6 (13.4-15.8) | 11.9 (10.8-12.9) | 13.3 (12.5-14.1) | 0.82 L |
| Population Age 20-44 | | | | | | | | | | |
| # of ED visits | 114,073 | 132,273 | 246,346 | 59,363 | 63,776 | 123,139 | 1,504 | 1,891 | 3,395 | |
| Rate of ED visits per 1,000 population per year | 242.0 | 265.6 | 254.1 | 264.8 | 275.4 | 270.2 | 192.6 (183.8-201.3) | 228.0 (218.9-237.0) | 210.8 (204.5-217.1) | 0.83 L |
| % of the population with one or more ED visits per year | 15.6 | 16.9 | 16.3 | 16.3 | 17.3 | 16.8 | 14.2 (13.3-15.1) | 15.4 (14.5-16.3) | 14.8 (14.2-15.5) | 0.91 L |
| Population Age 45-64 | | | | | | | | | | |
| # of ED visits | 88,281 | 89,222 | 177,503 | 45,062 | 40,194 | 85,256 | 1,259 | 1,529 | 2,788 | |
| Rate of ED visits per 1,000 population per year | 299.4 | 276.4 | 287.4 | 344.6 | 289.2 | 316.1 | 228.9 (217.8-240.0) | 258.1 (246.9-269.2) | 244.0 (236.2-251.9) | 0.85 L |
| % of the population with one or more ED visits per year | 17.8 | 17.6 | 17.7 | 18.9 | 17.6 | 18.2 | 15.9 (14.7-17.0) | 17.8 (16.6-19.0) | 16.9 (16.0-17.7) | 0.95 L |

CI Confidence Interval.

H / L / NS Chances are at least 19 in 20 that the rate is higher (H) or lower (L) than the City of Toronto rate ($p < 0.05$). Rates marked not significantly (NS) different do not reach this level of significance.

** Rate ratios for both sexes were created by dividing the local area rate by the City of Toronto aggregate rate.

*** Denominator: Based on 2006 Census population estimates, Statistics Canada.

† All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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| Indicators | City of Toronto | | | Toronto Central LHIN | | | Rouge | | | |
|---|-----------------|-----------|------------|----------------------|---------|------------|------------------------|------------------------|------------------------|--------------|
| | Males | Females | Both sexes | Males | Females | Both sexes | Males (95% CI) | Females (95% CI) | Both sexes (95% CI) | Rate Ratio** |
| Demographics *** | | | | | | | | | | |
| Total Population Age 65-74 | 80,785 | 98,145 | 178,930 | 31,755 | 38,280 | 70,035 | 1,060 | 1,100 | 2,160 | |
| Total Population Age 75+ | 68,060 | 104,610 | 172,670 | 26,385 | 43,330 | 69,715 | 550 | 940 | 1,490 | |
| Total Population | 1,199,560 | 1,292,940 | 2,492,500 | 523,535 | 557,640 | 1,081,175 | 21,050 | 22,150 | 43,200 | |
| All Emergency Department (ED) visits (2009) ± | | | | | | | | | | |
| Population Age 65-74 | | | | | | | | | | |
| # of ED visits | 28,857 | 32,242 | 61,099 | 12,838 | 13,486 | 26,324 | 384 | 379 | 763 | |
| Rate of ED visits per 1,000 population per year | 357.2 | 328.5 | 341.5 | 404.3 | 352.3 | 375.9 | 362.3 (333.3-391.2) | 344.5 (316.5-372.6) | 353.2 (333.1-373.4) | 1.03 NS |
| % of the population with one or more ED visits per year | 20.7 | 20.1 | 20.4 | 22.4 | 21.0 | 21.7 | 23.2 (19.9-26.5) | 21.3 (18.2-24.3) | 22.2 (20.0-24.5) | 1.09 NS |
| Population Age 75+ | | | | | | | | | | |
| # of ED visits | 43,187 | 61,793 | 104,980 | 17,504 | 25,792 | 43,296 | 373 | 530 | 903 | |
| Rate of ED visits per 1,000 population per year | 634.5 | 590.7 | 608.0 | 663.4 | 595.2 | 621.0 | 678.2 (639.1-717.2) | 563.8 (532.1-595.5) | 606.0 (581.2-630.9) | 1.00 NS |
| % of the population with one or more ED visits per year | 34.1 | 33.4 | 33.7 | 34.8 | 33.1 | 33.7 | 35.6 (29.4-41.9) | 34.9 (30.2-39.6) | 35.2 (31.4-38.9) | 1.04 NS |
| Total Population | | | | | | | | | | |
| # of ED visits | 362,166 | 387,652 | 749,818 | 170,548 | 173,142 | 343,690 | 5,127 | 5,548 | 10,675 | |
| Rate of ED visits per 1,000 population per year | 301.9 | 299.8 | 300.8 | 325.8 | 310.5 | 317.9 | 243.6 (235.9-251.2) | 250.5 (242.9-258.1) | 247.1 (241.7-252.5) | 0.82 L |
| Age-Adjusted rate of visits per 1,000 † | 293.9 | 292.3 | 293.1 | 319.1 | 303.5 | 311.2 | 251.3 (245.6-257.1) | 260.6 (254.7-266.4) | 256.0 (251.9-260.1) | 0.87 L |
| % of the population with one or more ED visits per year | 18.9 | 19.0 | 18.9 | 19.5 | 19.2 | 19.3 | 17.1 (16.5-17.7) | 17.1 (16.5-17.7) | 17.1 (16.7-17.5) | 0.90 L |
| Age-Adjusted % of the population with an ED visit † | 19.2 | 19.3 | 19.2 | 19.0 | 19.5 | 19.3 | 17.5 (17.0-18.0) | 17.6 (17.1-18.1) | 17.6 (17.2-17.9) | 0.91 L |

CI Confidence Interval.

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****** Rate ratios for both sexes were created by dividing the local area rate by the City of Toronto aggregate rate.

******* Denominator: Based on 2006 Census population estimates, Statistics Canada.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

† Rates are age-adjusted using the direct method and the 1991 Canada population as the standard population.

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|---|-----------------|---------|------------|----------------------|---------|------------|---------------------|---------------------|---------------------|--------------|
| | Males | Females | Both sexes | Males | Females | Both sexes | Males (95% CI) | Females (95% CI) | Both sexes (95% CI) | Rate Ratio** |
| Low Triage^a Emergency Department (ED) visits (2009)[±] | | | | | | | | | | |
| Population Age 0-4 | | | | | | | | | | |
| # of ED visits | 36,999 | 28,846 | 65,845 | 15,132 | 11,909 | 27,041 | 695 | 524 | 1,219 | |
| # of Low Triage visits | 10,135 | 8,471 | 18,606 | 4,310 | 3,726 | 8,036 | 224 | 167 | 391 | |
| Ratio of low to high Triage visits | 0.38 | 0.42 | 0.40 | 0.41 | 0.46 | 0.43 | 0.48 (0.41-0.55) | 0.47 (0.39-0.55) | 0.48 (0.43-0.53) | 1.20 H |
| % of all ED visits that are Low Triage | 27.4 | 29.4 | 28.3 | 28.5 | 31.3 | 29.7 | 32.2 (27.1-37.4) | 31.9 (26.0-37.7) | 32.1 (28.2-35.9) | 1.14 NS |
| Population Age 5-19 | | | | | | | | | | |
| # of ED visits | 50,769 | 43,276 | 94,045 | 20,649 | 17,985 | 38,634 | 912 | 695 | 1,607 | |
| # of Low Triage visits | 22,320 | 17,595 | 39,915 | 8,622 | 7,106 | 15,728 | 397 | 337 | 734 | |
| Ratio of low to high Triage visits | 0.79 | 0.69 | 0.75 | 0.73 | 0.66 | 0.70 | 0.78 (0.68-0.88) | 0.95 (0.81-1.09) | 0.85 (0.77-0.93) | 1.14 H |
| % of all ED visits that are Low Triage | 44.0 | 40.7 | 42.4 | 41.8 | 39.5 | 40.7 | 43.5 (37.8-49.2) | 48.5 (41.3-55.7) | 45.7 (41.2-50.2) | 1.08 NS |
| Population Age 20-44 | | | | | | | | | | |
| # of ED visits | 114,073 | 132,273 | 246,346 | 59,363 | 63,776 | 123,139 | 1,504 | 1,891 | 3,395 | |
| # of Low Triage visits | 46,788 | 45,261 | 92,049 | 24,137 | 23,245 | 47,382 | 696 | 635 | 1,331 | |
| Ratio of low to high Triage visits | 0.70 | 0.52 | 0.60 | 0.69 | 0.58 | 0.63 | 0.87 (0.78-0.95) | 0.51 (0.46-0.56) | 0.65 (0.61-0.69) | 1.08 H |
| % of all ED visits that are Low Triage | 41.0 | 34.2 | 37.4 | 40.7 | 36.4 | 38.5 | 46.3 (41.6-51.0) | 33.6 (30.4-36.8) | 39.2 (36.5-41.9) | 1.05 NS |
| Population Age 45-64 | | | | | | | | | | |
| # of ED visits | 88,281 | 89,222 | 177,503 | 45,062 | 40,194 | 85,256 | 1,259 | 1,529 | 2,788 | |
| # of Low Triage visits | 27,429 | 27,774 | 55,203 | 13,968 | 12,762 | 26,730 | 398 | 504 | 902 | |
| Ratio of low to high Triage visits | 0.45 | 0.46 | 0.45 | 0.45 | 0.47 | 0.46 | 0.46 (0.41-0.52) | 0.50 (0.45-0.55) | 0.48 (0.45-0.52) | 1.06 NS |
| % of all ED visits that are Low Triage | 31.1 | 31.1 | 31.1 | 31.0 | 31.8 | 31.4 | 31.6 (27.9-35.4) | 33.0 (29.4-36.5) | 32.4 (29.8-34.9) | 1.04 NS |

CI Confidence Interval.

H / L / NS Chances are at least 19 in 20 that the ratio/rate is higher (H) or lower (L) than the City of Toronto ratio/rate ($p < 0.05$). Ratios/Rates marked not significantly (NS) different do not reach this level of significance.

* Estimates based on fewer than 20 events are likely to be unstable and imprecise.

** Rate ratios for both sexes were created by dividing the local area statistic by the City of Toronto statistic.

a Low triage was defined as Canadian Triage and Acuity Scale (CTAS) levels 4 and 5 excluding those who were subsequently admitted to hospital.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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|---|-----------------|---------|------------|----------------------|---------|------------|---------------------|---------------------|---------------------|--------------|
| | Males | Females | Both sexes | Males | Females | Both sexes | Males (95% CI) | Females (95% CI) | Both sexes (95% CI) | Rate Ratio** |
| Low Triage^a Emergency Department (ED) visits (2009)[±] | | | | | | | | | | |
| Population Age 65-74 | | | | | | | | | | |
| # of ED visits | 28,857 | 32,242 | 61,099 | 12,838 | 13,486 | 26,324 | 384 | 379 | 763 | |
| # of Low Triage visits | 6,215 | 7,807 | 14,022 | 2,844 | 3,278 | 6,122 | 81 | 93 | 174 | |
| Ratio of low to high Triage visits | 0.28 | 0.32 | 0.30 | 0.29 | 0.33 | 0.31 | 0.27 (0.21-0.34) | 0.33 (0.26-0.40) | 0.30 (0.25-0.35) | 1.00 NS |
| % of all ED visits that are Low Triage | 21.5 | 24.2 | 22.9 | 22.2 | 24.3 | 23.3 | 21.1 (15.9-26.3) | 24.5 (18.8-30.3) | 22.8 (18.9-26.7) | 0.99 NS |
| Population Age 75+ | | | | | | | | | | |
| # of ED visits | 43,187 | 61,793 | 104,980 | 17,504 | 25,792 | 43,296 | 373 | 530 | 903 | |
| # of Low Triage visits | 6,727 | 9,938 | 16,665 | 2,680 | 4,038 | 6,718 | 47 | 83 | 130 | |
| Ratio of low to high Triage visits | 0.19 | 0.19 | 0.19 | 0.18 | 0.19 | 0.19 | 0.15 (0.11-0.19) | 0.19 (0.15-0.23) | 0.17 (0.14-0.20) | 0.90 NS |
| % of all ED visits that are Low Triage | 15.6 | 16.1 | 15.9 | 15.3 | 15.7 | 15.5 | 12.6 (8.7-16.5) | 15.7 (12.0-19.3) | 14.4 (11.7-17.1) | 0.91 NS |
| Total Population | | | | | | | | | | |
| # of ED visits | 362,166 | 387,652 | 749,818 | 170,548 | 173,142 | 343,690 | 5,127 | 5,548 | 10,675 | |
| # of Low Triage visits | 119,614 | 116,846 | 236,460 | 56,561 | 54,155 | 110,716 | 1,843 | 1,819 | 3,662 | |
| Ratio of low to high Triage visits | 0.50 | 0.44 | 0.47 | 0.50 | 0.46 | 0.48 | 0.57 (0.54-0.60) | 0.49 (0.47-0.52) | 0.53 (0.51-0.55) | 1.13 H |
| Age-Adjusted ratio of low to high Triage visits ‡ | 0.61 | 0.51 | 0.55 | 0.60 | 0.53 | 0.56 | 0.69 (0.64-0.73) | 0.57 (0.53-0.61) | 0.61 (0.58-0.63) | 1.10 H |
| % of all ED visits that are Low Triage | 33.0 | 30.1 | 31.5 | 33.2 | 31.3 | 32.2 | 35.9 (33.9-38.0) | 32.8 (30.9-34.6) | 34.3 (32.9-35.7) | 1.09 H |
| Age-Adjusted % of all ED visits that are Low Triage † | 36.3 | 33.2 | 34.6 | 36.2 | 33.9 | 34.9 | 39.1 (36.9-41.2) | 34.8 (32.9-36.7) | 36.5 (35.1-37.8) | 1.05 H |

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[‡] Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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