# Appendix B: NSM LHIN Sub-Regional Data

## NSM LHIN Demographic, Census, and utilization profile (May 2013):[35]

| NSM LHIN Sub-region | Barrie | Collingwood /Wasaga | Orillia | Muskoka | Midland/ Penetang | North Simcoe Muskoka LHIN | Ontario |
|---|---|---|---|---|---|---|---|
| Health Link Name | Barrie Community Health Link | South Georgian Bay Community Health Link | Orillia Community Health Link | Muskoka Community Health Link | North Simcoe Collaborative Health Link | | |
| **Population, Census 2011** | | | | | | | |
| Total population | 205,518 | 59,614 | 73,186 | 58,047 | 47,900 | 439,263 | 12,851,821 |
| rural area population | 25,583 | 23,742 | 41,405 | 36,070 | 16,472 | 140,523 | 1,806,036 |
| % rural area population | 12.4% | 39.8% | 56.6% | 62.1% | 34.4% | 32.0% | 14.1% |
| small population centre (1,000-29,999) | 13,301 | 35,872 | 1,195 | 21,977 | | 70,092 | 1,184,122 |
| % small population centre | 6.5% | 60.2% | 1.6% | 37.9% | 0.0% | 16.0% | 9.2% |
| medium population centre (30,000-99,999) | | | 30,586 | | 31,428 | 62,014 | 956,124 |
| % medium population centre | 0.0% | 0.0% | 41.8% | 0.0% | 65.6% | 14.1% | 7.4% |
| large population centre (100,000+) | 166,634 | | | | | 166,634 | 8,905,539 |
| % large population centre | 81.1% | 0.0% | 0.0% | 0.0% | 0.0% | 37.9% | 69.3% |
| **Population distributions by 5 year age groups, Census 2011** | | | | | | | |
| 0-4 | 11,945 | 2,685 | 3,305 | 2,445 | 1,845 | 22,025 | 704,260 |
| 5-9 | 12,780 | 2,805 | 3,640 | 2,515 | 2,080 | 23,585 | 712,755 |
| 10-14 | 14,095 | 3,225 | 4,090 | 2,955 | 2,400 | 26,505 | 763,755 |
| 15-19 | 15,765 | 3,640 | 4,790 | 3,460 | 3,015 | 30,320 | 863,630 |
| 20-24 | 13,450 | 3,010 | 4,310 | 3,035 | 2,540 | 25,825 | 852,910 |
| 25-29 | 12,235 | 2,585 | 3,470 | 2,830 | 2,055 | 22,890 | 815,120 |
| 30-34 | 12,890 | 2,600 | 3,400 | 2,670 | 2,100 | 23,435 | 800,365 |
| 35-39 | 14,245 | 3,040 | 3,830 | 2,945 | 2,485 | 26,280 | 844,335 |
| 40-44 | 15,700 | 3,510 | 4,695 | 3,505 | 2,735 | 29,860 | 924,075 |
| 45-49 | 18,665 | 4,570 | 6,035 | 4,670 | 3,835 | 37,385 | 1,055,880 |
| 50-54 | 16,075 | 4,665 | 6,355 | 4,945 | 4,115 | 35,655 | 1,006,140 |
| 55-59 | 12,190 | 4,655 | 5,830 | 4,875 | 3,945 | 31,010 | 864,620 |
| 60-64 | 10,330 | 4,955 | 5,460 | 4,595 | 3,855 | 28,700 | 765,650 |
| 65-74 | 13,495 | 8,015 | 7,695 | 6,855 | 5,305 | 40,665 | 1,004,265 |
| 75+ | 11,665 | 5,940 | 6,270 | 5,775 | 4,325 | 33,360 | 874,055 |
| Total | 205,518 | 59,882 | 73,186 | 58,047 | 47,900 | 437,525 | 12,851,825 |
| **Population distributions by 5 year age groups, Census 2011 (as % of total)** | | | | | | | |
| 0-4 | 5.8% | 4.5% | 4.5% | 4.2% | 4.0% | 5.0% | 5.5% |
| 5-9 | 6.2% | 4.7% | 5.0% | 4.3% | 4.5% | 5.4% | 5.5% |
| 10-14 | 6.9% | 5.4% | 5.6% | 5.1% | 5.1% | 6.1% | 5.9% |
| 15-19 | 7.7% | 6.1% | 6.5% | 6.0% | 6.5% | 6.9% | 6.7% |
| 20-24 | 6.5% | 5.0% | 5.9% | 5.2% | 5.4% | 5.9% | 6.6% |
| 25-29 | 6.0% | 4.3% | 4.7% | 4.9% | 4.4% | 5.2% | 6.3% |
| 30-34 | 6.3% | 4.3% | 4.6% | 4.6% | 4.5% | 5.4% | 6.2% |
| 35-39 | 6.9% | 5.1% | 5.2% | 5.1% | 5.3% | 6.0% | 6.6% |
| 40-44 | 7.6% | 5.9% | 6.4% | 6.0% | 5.9% | 6.8% | 7.2% |
| 45-49 | 9.1% | 7.6% | 8.2% | 8.0% | 8.2% | 8.5% | 8.2% |
| 50-54 | 7.8% | 7.8% | 8.7% | 8.5% | 8.8% | 8.1% | 7.8% |

[35] Ministry of Health and Long Term Care, Health Analytics Branch, Health Links demographic, census, and utilization profile: May 2013

| NSM LHIN Sub-region | Barrie | Collingwood /Wasaga | Orillia | Muskoka | Midland/ Penetang | North Simcoe Muskoka LHIN | Ontario |
|---|---|---|---|---|---|---|---|
| Health Link Name | Barrie Community Health Link | South Georgian Bay Community Health Link | Orillia Community Health Link | Muskoka Community Health Link | North Simcoe Collaborative Health Link | | |
| 55-59 | 5.9% | 7.8% | 8.0% | 8.4% | 8.5% | 7.1% | 6.7% |
| 60-64 | 5.0% | 8.3% | 7.5% | 7.9% | 8.3% | 6.6% | 6.0% |
| 65-74 | 6.6% | 13.4% | 10.5% | 11.8% | 11.4% | 9.3% | 7.8% |
| 75+ | 5.7% | 9.9% | 8.6% | 9.9% | 9.3% | 7.6% | 6.8% |
| Land area (sq. km) | 1,178 | 1,257 | 1,595 | 3,938 | 589 | 8,445 | 908,608 |
| **Language, Census 2011** | | | | | | | |
| Total population by language | 203,820 | 59,270 | 72,270 | 56,405 | 45,565 | 431,625 | 12,722,060 |
| # who include English as their mother tongue | 181,000 | 53,555 | 66,985 | 53,065 | 39,695 | 389,150 | 8,950,685 |
| % who include English as their mother tongue | 88.8% | 90.4% | 92.7% | 94.1% | 87.1% | 90.2% | 70.4% |
| # who include French as their mother tongue | 5,775 | 1,000 | 1,105 | 820 | 3,375 | 11,960 | 561,165 |
| % who include French as their mother tongue | 2.8% | 1.7% | 1.5% | 1.5% | 7.4% | 2.8% | 4.4% |
| Total population by knowledge of official languages | 203,820 | 59,280 | 72,265 | 56,385 | 45,555 | 431,635 | 12,722,060 |
| # with no knowledge of English or French | 785 | 215 | 120 | 55 | 65 | 1,245 | 298,920 |
| % with no knowledge of English or French | 0.4% | 0.4% | 0.2% | 0.1% | 0.1% | 0.3% | 2.3% |
| **Immigration, Census 2006** | | | | | | | |
| Total population by immigrant status and place of birth | 192,190 | 55,345 | 70,610 | 56,060 | 45,105 | 414,795 | 12,028,895 |
| # who are immigrants | 23,940 | 7,305 | 7,280 | 4,740 | 4,230 | 46,885 | 3,398,725 |
| % who are immigrants | 12.5% | 13.2% | 10.3% | 8.5% | 9.4% | 11.3% | 28.3% |
| # immigrants who arrived within 5 years (2001-2006) | 2,160 | 285 | 425 | 290 | 240 | 3,370 | 580,740 |
| % who arrived within 5 years | 1.1% | 0.5% | 0.6% | 0.5% | 0.5% | 0.8% | 4.8% |
| **Visible minorities and identity, Census 2006** | | | | | | | |
| Total population by visible minority groups | 192,185 | 55,350 | 71,460 | 56,285 | 45,685 | 416,235 | 12,028,895 |
| # who are visible minorities | 10,540 | 1,025 | 1,915 | 820 | 570 | 14,845 | 2,745,200 |
| %who are visible minorities | 5.5% | 1.9% | 2.7% | 1.5% | 1.2% | 3.6% | 22.8% |
| Total population by Aboriginal and non-Aboriginal population | 192,190 | 55,350 | 71,455 | 56,265 | 45,690 | 416,235 | 12,028,900 |
| # who self-identify as Aboriginal | 3,695 | 565 | 3,025 | 1,415 | 5,090 | 13,770 | 242,490 |
| % who self-identify as Aboriginal | 1.9% | 1.0% | 4.2% | 2.5% | 11.1% | 3.3% | 2.0% |
| **Labour force characteristics, Census 2006, age 15+** | | | | | | | |
| Total population by labour force activity | 151,740 | 46,270 | 59,155 | 47,505 | 38,280 | 338,950 | 9,819,420 |
| #who are in the labour force | 109,310 | 28,355 | 38,990 | 30,425 | 23,410 | 227,935 | 6,587,575 |
| %who are in the labour force | 72.0% | 61.3% | 65.9% | 64.0% | 61.2% | 67.2% | 67.1% |
| # in the labour force who are unemployed | 6,515 | 1,615 | 2,155 | 1,395 | 1,520 | 13,075 | 423,335 |
| Unemployment rate | 6.0% | 5.7% | 5.5% | 4.6% | 6.5% | 5.7% | 6.4% |
| **Education, Census 2006, age 25-64** | | | | | | | |
| Total population by highest certificate, degree, or diploma | 104,970 | 28,970 | 38,475 | 30,185 | 24,825 | 224,955 | 6,631,845 |
| # without certificate, degree, or diploma | 14,755 | 4,605 | 6,045 | 4,880 | 4,705 | 34,640 | 897,535 |
| % without certificate, degree, or diploma | 14.1% | 15.9% | 15.7% | 16.2% | 19.0% | 15.4% | 13.5% |
| # with completed post-secondary education | 59,795 | 16,155 | 21,905 | 16,930 | 13,105 | 126,285 | 4,073,450 |
| %with completed post-secondary education | 57.0% | 55.8% | 56.9% | 56.1% | 52.8% | 56.1% | 61.4% |
| **Population (in private households) living in low income, Census 2006** | | | | | | | |
| Total population, in private households | 191,060 | 55,070 | 70,325 | 55,695 | 44,955 | 412,395 | 11,926,140 |
| # who are living below the low-income cut-off | 13,723 | 3,276 | 4,742 | 2,982 | 3,661 | 27,942 | 1,319,479 |
| % who are living below the low-income cut-off | 7.2% | 5.9% | 6.7% | 5.4% | 8.1% | 6.8% | 11.1% |
| Total population estimates (2011) | 211,751 | 61,670 | 80,682 | 60,763 | 52,127 | 462,205 | 13,372,999 |
| **Acute care (FY 2011)** | | | | | | | |
| Acute separations | 14,947 | 4,974 | 6,331 | 5,814 | 5,466 | 37,661 | 968,691 |
| Acute separation rate per 1,000 population | 70.6 | 80.7 | 78.5 | 95.7 | 104.9 | 81.5 | 72.4 |
| Total days | 89,705 | 31,391 | 38,242 | 37,575 | 29,512 | 227,240 | 6,246,850 |

| NSM LHIN Sub-region | Barrie | Collingwood /Wasaga | Orillia | Muskoka | Midland/ Penetang | North Simcoe Muskoka LHIN | Ontario |
|---|---|---|---|---|---|---|---|
| Health Link Name | Barrie Community Health Link | South Georgian Bay Community Health Link | Orillia Community Health Link | Muskoka Community Health Link | North Simcoe Collaborative Health Link | | |
| Average total length of stay | 6.0 | 6.3 | 6.0 | 6.5 | 5.4 | 6.0 | 6.4 |
| Acute days | 77,632 | 25,969 | 31,435 | 29,800 | 24,802 | 190,402 | 5,313,034 |
| Average acute length of stay | 5.2 | 5.2 | 5.0 | 5.1 | 4.5 | 5.1 | 5.5 |
| Alternate level of care (ALC) separations | 696 | 317 | 519 | 358 | 388 | 2,284 | 55,094 |
| ALC days | 12,073 | 5,422 | 6,806 | 7,775 | 4,710 | 36,838 | 919,080 |
| Average ALC length of stay | 17.3 | 17.1 | 13.1 | 21.7 | 12.1 | 16.1 | 16.7 |
| % ALC days | 13.5% | 17.3% | 17.8% | 20.7% | 16.0% | 16.2% | 14.7% |
| **Chronic conditions, inpatient separations and days (FY 2011)** | | | | | | | |
| **Separations** | | | | | | | |
| Arthritis | 685 | 328 | 342 | 314 | 232 | 1,908 | 45,905 |
| Asthma | 48 | 9 | 27 | 20 | 11 | 117 | 4,978 |
| Cancer | 776 | 314 | 416 | 412 | 290 | 2,221 | 57,225 |
| Congestive heart failure | 236 | 119 | 104 | 133 | 155 | 752 | 21,056 |
| Chronic obstructive pulmonary disease (COPD) | 467 | 165 | 252 | 207 | 156 | 1,251 | 24,210 |
| Diabetes | 209 | 76 | 95 | 86 | 99 | 566 | 12,814 |
| Hypertension | 36 | 12 | 9 | 12 | 24 | 93 | 2,295 |
| Ischemic heart disease | 865 | 241 | 381 | 281 | 387 | 2,166 | 48,227 |
| Stroke | 272 | 106 | 122 | 119 | 114 | 738 | 17,268 |
| **Separation Rates per 100,000 Population** | | | | | | | |
| Arthritis | 323.5 | 531.9 | 423.9 | 516.8 | 445.1 | 412.8 | 343.3 |
| Asthma | 22.7 | 14.6 | 33.5 | 32.9 | 21.1 | 25.3 | 37.2 |
| Cancer | 366.5 | 509.2 | 515.6 | 678.0 | 556.3 | 480.5 | 427.9 |
| Congestive heart failure | 111.5 | 193.0 | 128.9 | 218.9 | 297.4 | 162.7 | 157.5 |
| Chronic obstructive pulmonary disease (COPD) | 220.5 | 267.6 | 312.3 | 340.7 | 299.3 | 270.7 | 181.0 |
| Diabetes | 98.7 | 123.2 | 117.7 | 141.5 | 189.9 | 122.5 | 95.8 |
| Hypertension | 17.0 | 19.5 | 11.2 | 19.7 | 46.0 | 20.1 | 17.2 |
| Ischemic heart disease | 408.5 | 390.8 | 472.2 | 462.5 | 742.4 | 468.6 | 360.6 |
| Stroke | 128.5 | 171.9 | 151.2 | 195.8 | 218.7 | 159.7 | 129.1 |
| **Days** | | | | | | | |
| Arthritis | 3,127 | 1,629 | 1,467 | 1,458 | 1,053 | 8,758 | 216,829 |
| Asthma | 97 | 25 | 77 | 61 | 23 | 287 | 14,087 |
| Cancer | 7,460 | 2,877 | 3,430 | 3,330 | 1,924 | 19,118 | 511,963 |
| Congestive heart failure | 2,145 | 1,217 | 930 | 1,185 | 1,149 | 6,642 | 195,704 |
| COPD | 3,887 | 1,405 | 2,056 | 1,593 | 979 | 9,939 | 194,253 |
| Diabetes | 1,660 | 680 | 776 | 808 | 792 | 4,721 | 120,436 |
| Hypertension | 144 | 66 | 24 | 48 | 81 | 363 | 11,638 |
| Ischemic heart disease | 5,295 | 1,252 | 2,001 | 1,380 | 2,134 | 12,142 | 264,203 |
| Stroke | 2,303 | 1,048 | 908 | 1,110 | 796 | 6,202 | 202,406 |
| **Unscheduled emergency visits (FY 2011)** | | | | | | | |
| Emergency visits | 82,195 | 29,913 | 49,200 | 37,320 | 41,156 | 240,910 | 5,707,647 |
| Emergency visit rate per 1,000 population | 388.2 | 485.1 | 609.8 | 614.2 | 789.5 | 521.2 | 426.8 |
| Total population age 75+ (2011) | 11,920 | 5,558 | 6,838 | 6,033 | 4,389 | 34,270 | 887,406 |
| **Long term care (LTC) beds (as of May 2013)** | | | | | | | |
| Licensed beds | 1148 | 474 | 521 | 512 | 380 | 2,975 | 76,964 |
| Interim beds | 27 | 0 | 0 | 0 | 41 | 68 | 711 |
| Total beds | 1,175 | 474 | 521 | 512 | 421 | 3,043 | 77,675 |
| Beds (licensed and interim) per 1,000 population (age 75+) | 98.6 | 85.3 | 76.2 | 84.9 | 95.9 | 88.8 | 87.5 |
| Total population estimates, age 18+ | 164,202 | 50,957 | 65,803 | 50,529 | 43,072 | 370,488 | 10,653,762 |
| Inpatient rehabilitation, age 18+ (FY 2011) | | | | | | | |
| Rehabilitation admissions | 595 | 114 | 155 | 89 | 134 | 1,076 | 30,110 |
| Rehabilitation admission rate per 100,000 population | 362.4 | 223.7 | 235.6 | 176.1 | 311.1 | 290.4 | 282.6 |

| NSM LHIN Sub-region | Barrie | Collingwood /Wasaga | Orillia | Muskoka | Midland/ Penetang | North Simcoe Muskoka LHIN | Ontario |
|---|---|---|---|---|---|---|---|
| Health Link Name | Barrie Community Health Link | South Georgian Bay Community Health Link | Orillia Community Health Link | Muskoka Community Health Link | North Simcoe Collaborative Health Link | | |
| **Complex continuing care (CCC) (FY 2011)** | | | | | | | |
| Active CCC cases | 116 | 59 | 163 | 144 | 215 | 695 | 30,072 |
| Active CCC case rate per 100,000 population | 54.8 | 95.7 | 202.0 | 237.0 | 412.5 | 150.4 | 224.9 |
| Total population estimates, age 15+ (2011 for HLs, 2010 for LHINs/ONT) | 173,182 | 53,191 | 68,973 | 52,782 | 45,070 | 383,343 | 11,016,692 |
| **Mental health, age 15+ (FY 2010)** | | | | | | | |
| Active mental health cases | 1,198 | 226 | 399 | 305 | 496 | 2,614 | 55,917 |
| Active mental health case rate per 100,000 population | 691.8 | 424.9 | 578.5 | 577.8 | 1,100.5 | 681.9 | 507.6 |
| Mental health admissions | 1,146 | 208 | 387 | 275 | 355 | 2,361 | 51,585 |
| Mental health discharges | 1,145 | 214 | 383 | 277 | 371 | 2,382 | 51,733 |
| Mental health total days | 16,819 | 6,472 | 6,973 | 9,088 | 51,348 | 90,579 | 1,627,575 |
| Average mental health length of stay | 14.7 | 30.2 | 18.2 | 32.8 | 138.4 | 38.0 | 31.5 |
| **Home care (FY 2011) †** *(Analysis by LHIN is based on the LHIN of the CCAC)* | | | | | | | |
| Active home care cases | 10,290 | 3,946 | 4,669 | 4,272 | 3,143 | 25,913 | 673,119 |
| Active home care case rate per 1,000 population | 48.6 | 64.0 | 57.9 | 70.3 | 60.3 | 56.1 | 50.3 |