

Supplementary Table 1. Prevalence of arthritis in Canada by age and sex comparing 2007/8 and 2015

| Prevalence and number of arthritis in Canada by age and sex | | | | | | |
|---|-----------|-----------|--------------|----------------|-----------|--------------|
| Age groups | CCHS 2015 | | | PHAC 2007-2008 | | |
| | Men (%) | Women (%) | Total Number | Men (%) | Women (%) | Total Number |
| 15-19 | 0.8 | 1.2 | 20500 | 0.7 | 0.8 | 15476 |
| 20-24 | 1.6 | 2.1 | 40925 | 1.7 | 2.0 | 40301 |
| 25-29 | 2.8 | 3.9 | 77260 | 2.4 | 3.4 | 65772 |
| 30-34 | 3.5 | 5.7 | 122040 | 2.7 | 4.8 | 81570 |
| 35-39 | 8.3 | 6.5 | 163640 | 5.6 | 6.8 | 141762 |
| 40-44 | 12.4 | 13.3 | 301820 | 8.4 | 10.1 | 235798 |
| 45-49 | 15.6 | 18.1 | 414280 | 10.5 | 15.6 | 341549 |
| 50-54 | 18.0 | 24.0 | 555785 | 16.8 | 21.6 | 471367 |
| 55-59 | 25.1 | 35.7 | 769690 | 19.5 | 30.1 | 537992 |
| 60-64 | 31.9 | 43.9 | 853245 | 25.4 | 37.5 | 534737 |
| 65-69 | 36.0 | 48.4 | 845120 | 28.6 | 43.7 | 478442 |
| 70-74 | 36.9 | 56.2 | 664800 | 33.2 | 47.0 | 431613 |
| 75-79 | 46.4 | 62.8 | 512255 | 35.4 | 54.7 | 401337 |
| 80-84 | 42.8 | 60.9 | 329780 | 41.6 | 55.3 | 287528 |
| 85+ | 39.3 | 64.3 | 285905 | 45.2 | 61.0 | 287528 |
| All Ages | 16.8 | 23.9 | 5957045 | 12.6 | 19.2 | 194450 |

Supplementary Table 2. Current (2015 and 2016) prevalence and number of people with arthritis by age ≥ 15 and sex, Canada

| | 2015 | | | 2016 | | |
|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Total | Men | Women | Total | Men | Women |
| | Prevalence (%) | Prevalence (%) | Prevalence (%) | Prevalence (%) | Prevalence (%) | Prevalence (%) |
| | Number ('000s) | Number ('000s) | Number ('000s) | Number ('000s) | Number ('000s) | Number ('000s) |
| 15-24 | 1.4 | 1.2 | 1.7 | 2.0 | 1.9 | 2.0 |
| | 62 | 28 | 34 | 81 | 41 | 41 |
| 25-34 | 4.0 | 3.2 | 4.9 | 3.7 | 2.7 | 4.7 |
| | 199 | 76 | 124 | 190 | 71 | 120 |
| 35-44 | 10.2 | 10.4 | 10.0 | 10.1 | 10.1 | 10.0 |
| | 466 | 242 | 223 | 453 | 225 | 229 |
| 45-54 | 19.0 | 16.9 | 21.1 | 20.3 | 17.8 | 22.8 |
| | 970 | 420 | 551 | 1,031 | 453 | 579 |
| 55-64 | 34.0 | 28.3 | 39.5 | 33.6 | 29.4 | 37.9 |
| | 1,623 | 669 | 954 | 1,668 | 727 | 942 |
| 65-74 | 44.5 | 36.4 | 51.7 | 42.7 | 34.9 | 50.1 |
| | 1,510 | 579 | 931 | 1,506 | 597 | 910 |
| 75-84 | 54.0 | 44.9 | 62.1 | 52.7 | 42.6 | 60.7 |
| | 842 | 328 | 514 | 869 | 312 | 557 |
| 85+ | 54.9 | 39.3 | 64.3 | 56.6 | 52.6 | 58.8 |
| | 286 | 77 | 209 | 282 | 92 | 191 |

Supplementary Table 3. Projected prevalence of arthritis (age ≥ 15), Canada

| | 2020 | | 2025 | | 2030 | | 2035 | | 2040 | |
|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Prevalence (%) | Number ('000s) | Prevalence (%) | Number ('000s) | Prevalence (%) | Number ('000s) | Prevalence (%) | Number ('000s) | Prevalence (%) | Number ('000s) |
| Total | 21.7 | 6,829 | 22.6 | 7,448 | 23.3 | 8,018 | 23.8 | 8,565 | 24.1 | 8,980 |
| Men | 17.8 | 2,756 | 18.5 | 3,011 | 19.1 | 3,237 | 19.4 | 3,437 | 19.6 | 3,607 |
| Women | 25.5 | 4,073 | 26.5 | 4,437 | 27.4 | 4,781 | 28.1 | 5,129 | 28.4 | 5,373 |