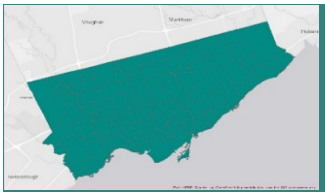
# Sub-Region 701 West Toronto

| Neighbourhoods | |
|---|---|
| 9 | Edenbridge-Humber Valley |
| 15 | Kingsway South |
| 16 | Stonegate-Queensway |
| 17 | Mimico |
| 18 | New Toronto |
| 85 | South Parkdale |
| 86 | Roncesvalles |
| 87 | High Park-Swansea |
| 88 | High Park North |
| 89 | Runnymede-Bloor West Village |
| 90 | Junction Area |
| 111 | Rockcliffe-Smythe |
| 114 | Lambton Baby Point |
| 115 | Mount Dennis |

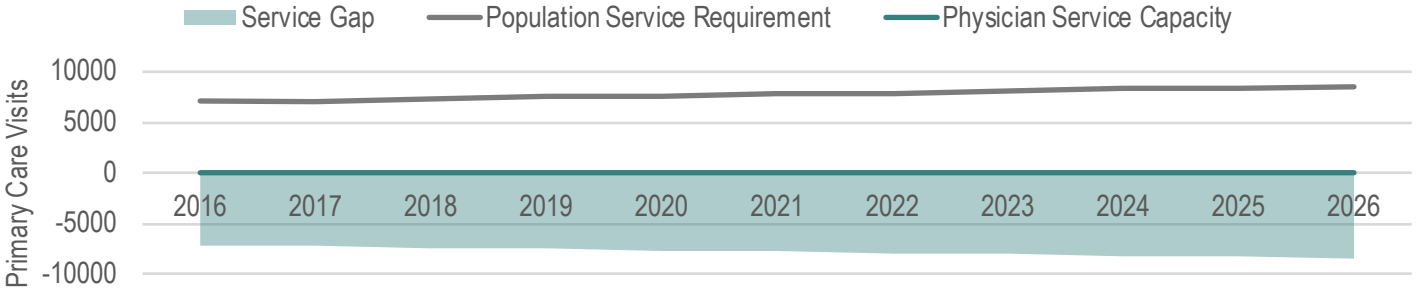


# Primary Care Workforce Planning

*Neighbourhood Profile: Edenbridge-Humber Valley*

Ontario Health Toronto

uOttawa




**Need (2021)** 7,812 Visits

**Current State Gap (2021)** -7,812 Visits

**Capacity (2021)** 0 Visits

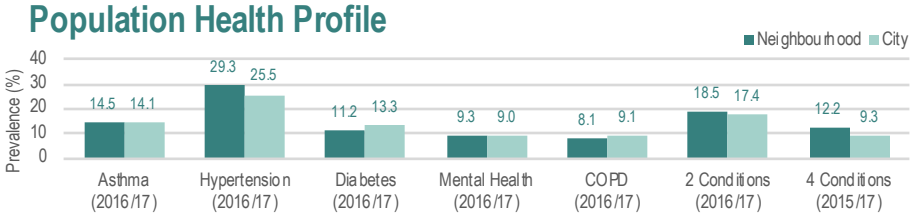
**Need (2026)** 8,513 Visits

**Future State Gap (2026)** -8,513 Visits

**Capacity (2026)** 0 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 1,695 | 1,540 | 6,945 | 2,925 |
| 12.9 % | 11.7 % | 53.0 % | 22.3 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 15,535 | *Neigh:* 1.21 % - 1.90 % |
| 2021 | 16,846 - 17,008 | *City:* 1.60 % - 2.50 % |
| 2026 | 18,158 - 18,480 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 1 | 4 |
| Residential Instability | 2 | 5 |
| Dependency | 5 | 1 |
| Ethnic Concentration | 1 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 7,475 Non-Resident Visits

**Yearly Outgoing Demand:** 65,619 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 71.5 | 71.6 |
| ACSC Hospitalization / 100,000 | 195.0 | 244.4 |
| Low Urgency ED (%) | 108.7 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 0 |
| 2017 | 0 |

Average Weekly Hours Available

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 27 | 15 | 0 | 0 | 0 | 0 | 52 | 56 | 0 | 225 | 698 | 0 | 4 |
| 2017 | 0 | 23 | 0 | 0 | 0 | 0 | 91 | 43 | 0 | 203 | 679 | 0 | 1 |
| 2018 | 0 | 24 | 0 | 0 | 0 | 51 | 21 | 20 | 0 | 311 | 675 | 0 | 1 |

# Primary Care Workforce Planning

*Service Requirements Module: Edenbridge-Humber Valley*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

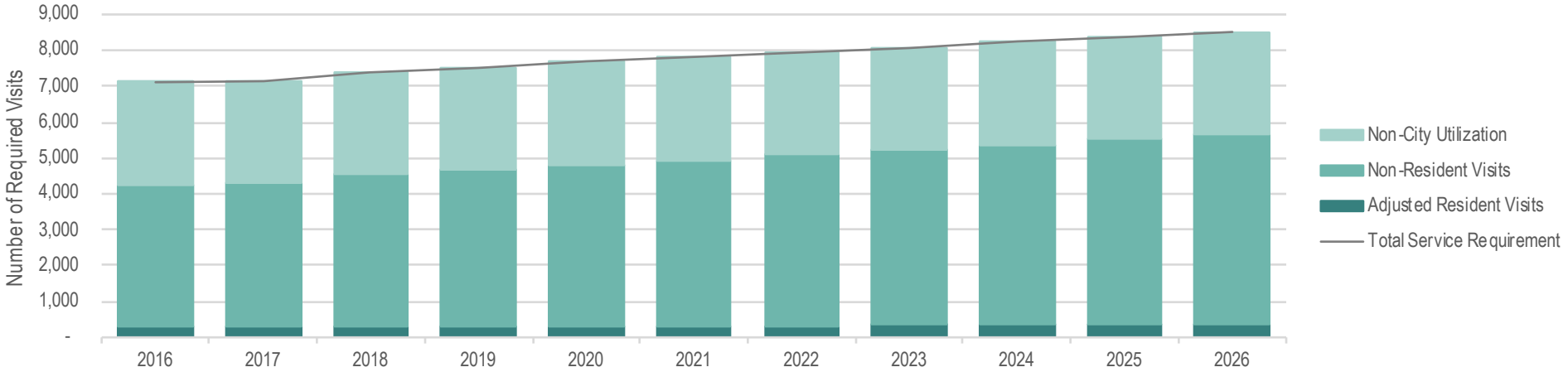
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

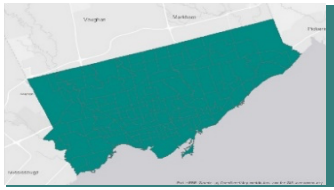
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 15,966 | 16,256 | 16,545 | 16,835 | 17,124 | 17,414 | 17,703 | 17,993 | 18,282 | 18,572 | 18,861 |
| Resident Visits | 60,484 | 61,375 | 62,677 | 63,774 | 64,871 | 65,967 | 67,064 | 68,161 | 69,257 | 70,354 | 71,451 |
| Proportion of Care Accessed Within Home Neighbourhood | 0.5% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 302 | 307 | 313 | 319 | 324 | 330 | 335 | 341 | 346 | 352 | 357 |
| Non-Resident Visits | 3,946 | 4,002 | 4,216 | 4,350 | 4,485 | 4,620 | 4,755 | 4,889 | 5,024 | 5,159 | 5,294 |
| Non-City Utilization | 2,862 | | | | | | | | | | |
| **Total Service Requirement** | **7,110** | **7,171** | **7,391** | **7,531** | **7,671** | **7,812** | **7,952** | **8,092** | **8,233** | **8,373** | **8,513** |



# Primary Care Workforce Planning

*Service Capacity Module: Edenbridge-Humber Valley*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

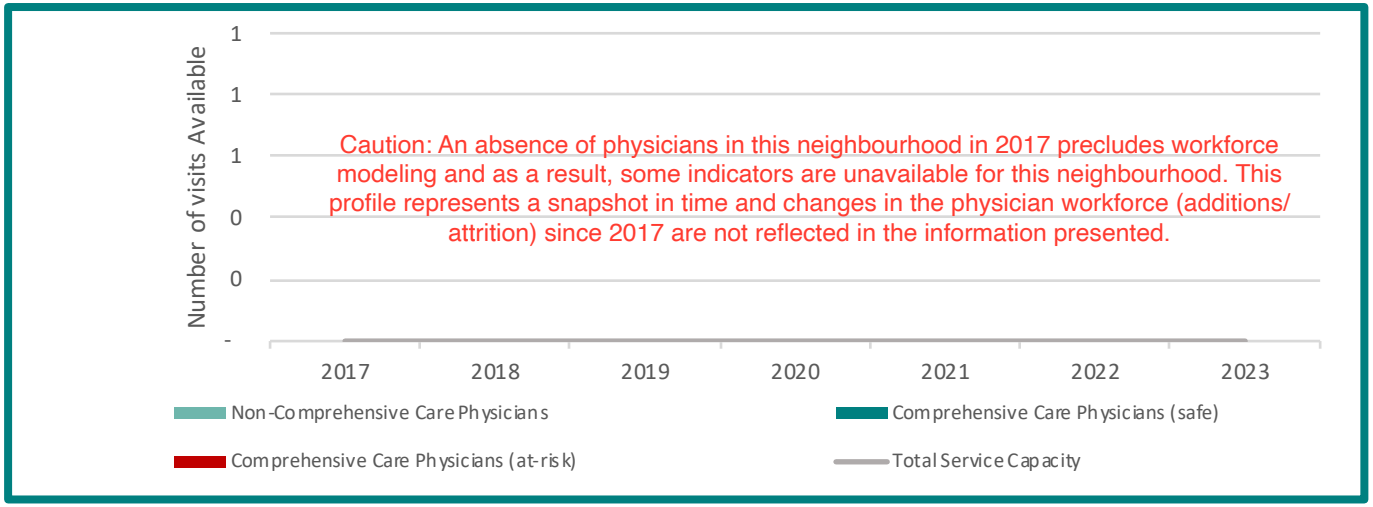
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



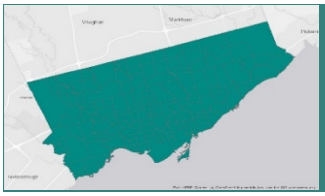

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 0 |
| 2017 | 0 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Comprehensive Care Physicians' Service Capacity | | | | 0 | | | |
| Total Service Capacity | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 27 | 0 | 0 |
| Dieticians | 15 | 23 | 24 |
| Midwives | 0 | 0 | 0 |
| NPs | 0 | 0 | 0 |
| OTs | 0 | 0 | 0 |
| Optometrists | 0 | 0 | 51 |
| Pharmacists | 52 | 91 | 21 |
| PTs | 56 | 43 | 20 |
| Psychologists | 0 | 0 | 0 |
| RNs | 225 | 203 | 311 |
| RPNs | 698 | 679 | 675 |
| RTs | 0 | 0 | 0 |
| SLPs | 4 | 1 | 1 |

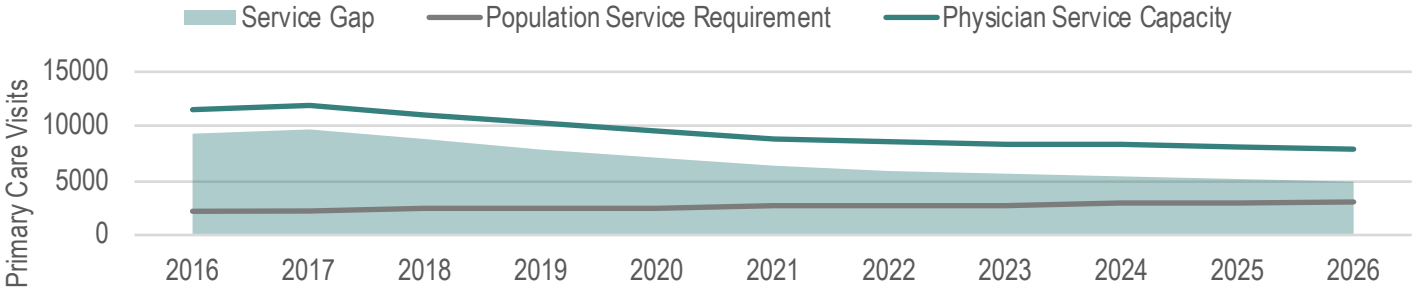


# Primary Care Workforce Planning

*Neighbourhood Profile: Kingsway South*

Ontario Health Toronto

uOttawa




**Need (2021)** 2,609 Visits

**Current State Gap (2021)** +6,304 Visits

**Capacity (2021)** 8,913 Visits

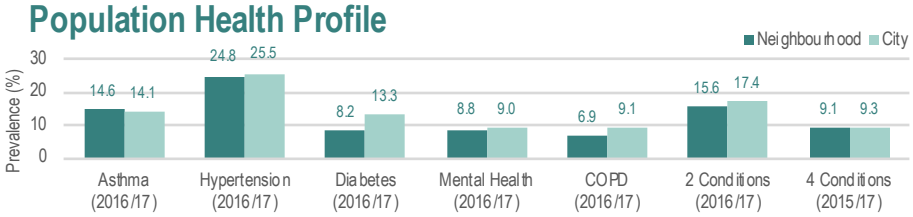
**Need (2026)** 3,037 Visits

**Future State Gap (2026)** +4,853 Visits

**Capacity (2026)** 7,890 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 1,580 | 1,110 | 4,595 | 2,005 |
| 17.0 % | 12.0 % | 49.6 % | 21.6 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 9,271 | *Neigh:* 0.52 % - 0.81 % |
| 2021 | 9,607 - 9,648 | *City:* 1.60 % - 2.50 % |
| 2026 | 9,942 - 10,025 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 1 | 4 |
| Residential Instability | 1 | 5 |
| Dependency | 5 | 1 |
| Ethnic Concentration | 1 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 2,497 Non-Resident Visits

**Yearly Outgoing Demand:** 35,620 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 70.3 | 71.6 |
| ACSC Hospitalization / 100,000 | 112.4 | 244.4 |
| Low Urgency ED (%) | 111.1 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 29 | 0 | 0 | 0 | 0 | 0 | 131 | 12 | 22 | 30 | 291 | 0 | 34 |
| 2017 | 29 | 0 | 0 | 0 | 0 | 178 | 241 | 44 | 22 | 21 | 221 | 0 | 0 |
| 2018 | 25 | 0 | 0 | 0 | 0 | 167 | 99 | 14 | 22 | 27 | 318 | 0 | 5 |

# Primary Care Workforce Planning

*Service Requirements Module: Kingsway South*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

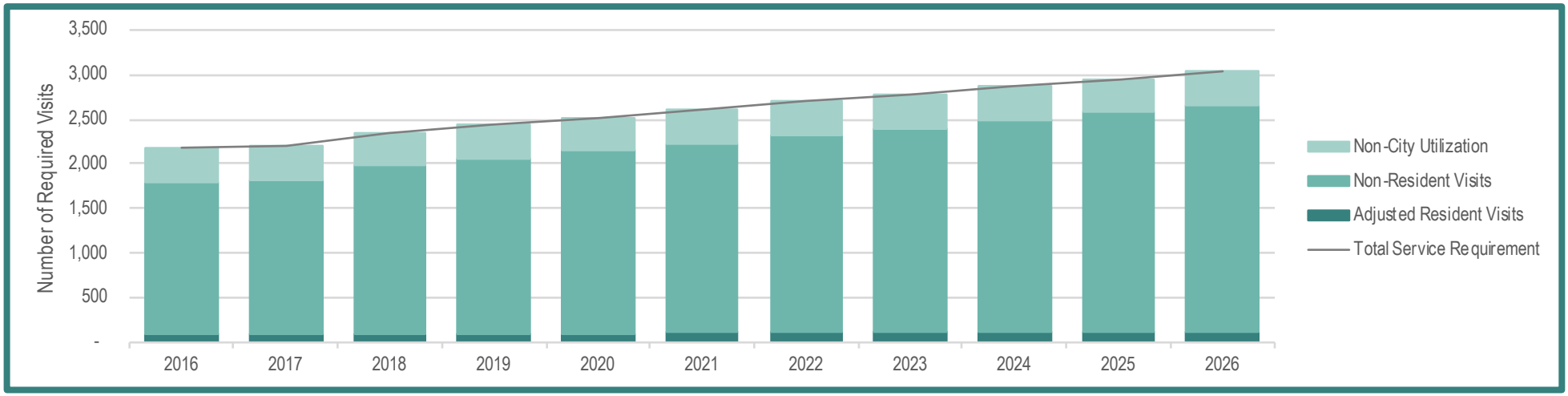
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

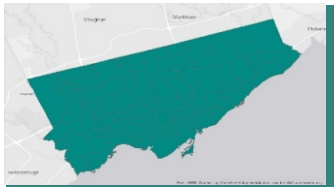
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 9,648 | 9,722 | 9,796 | 9,870 | 9,944 | 10,018 | 10,091 | 10,165 | 10,239 | 10,313 | 10,387 |
| Resident Visits | 34,430 | 34,459 | 34,958 | 35,221 | 35,485 | 35,749 | 36,013 | 36,276 | 36,540 | 36,804 | 37,067 |
| Proportion of Care Accessed Within Home Neighbourhood | 0.3% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 103 | 103 | 105 | 106 | 106 | 107 | 108 | 109 | 110 | 110 | 111 |
| Non-Resident Visits | 1,702 | 1,726 | 1,872 | 1,957 | 2,041 | 2,126 | 2,211 | 2,296 | 2,381 | 2,465 | 2,550 |
| Non-City Utilization | 376 | | | | | | | | | | |
| **Total Service Requirement** | **2,182** | **2,206** | **2,353** | **2,438** | **2,524** | **2,609** | **2,695** | **2,781** | **2,866** | **2,952** | **3,037** |



# Primary Care Workforce Planning

*Service Capacity Module: Kingsway South*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

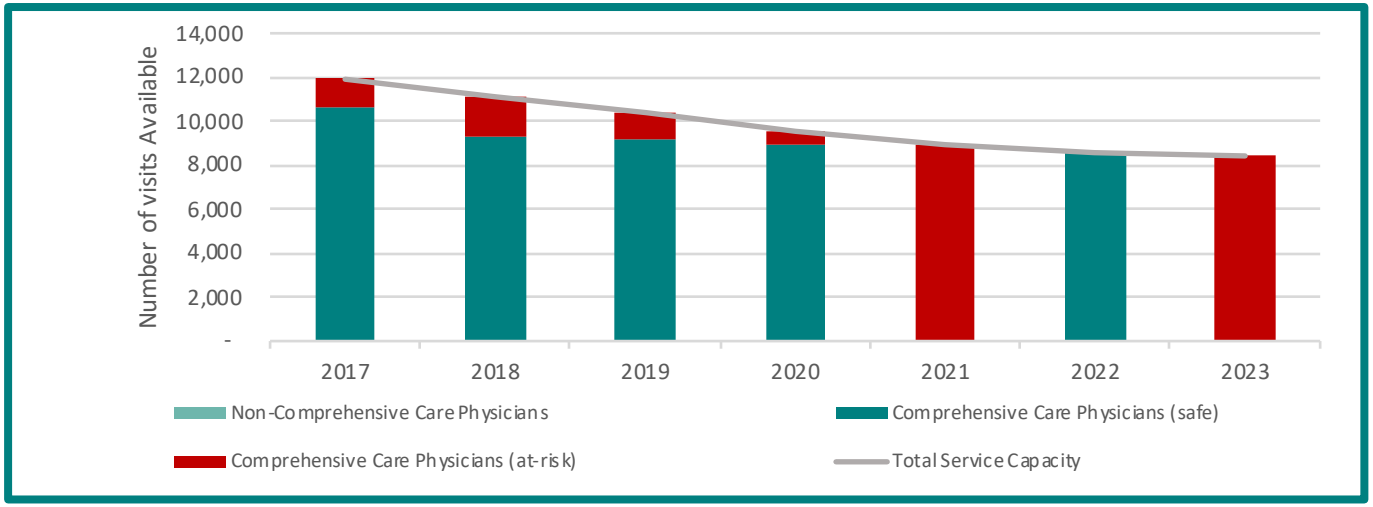
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



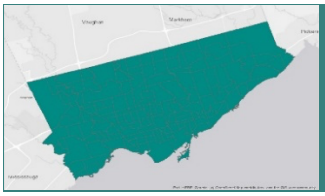

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 10,621 | 9,306 | 9,129 | 8,952 | 0 | 8,598 | 0 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 1,290 | 1,830 | 1,232 | 634 | 8,913 | 0 | 8,421 |
| Non-Comprehensive Care Physicians' Service Capacity | 0 | | | | | | |
| Total Service Capacity | 11,911 | 11,136 | 10,361 | 9,586 | 8,913 | 8,598 | 8,421 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 29 | 29 | 25 |
| Dieticians | 0 | 0 | 0 |
| Midwives | 0 | 0 | 0 |
| NPs | 0 | 0 | 0 |
| OTs | 0 | 0 | 0 |
| Optometrists | 0 | 178 | 167 |
| Pharmacists | 131 | 241 | 99 |
| PTs | 12 | 44 | 14 |
| Psychologists | 22 | 22 | 22 |
| RNs | 30 | 21 | 27 |
| RPNs | 291 | 221 | 318 |
| RTs | 0 | 0 | 0 |
| SLPs | 34 | 0 | 5 |

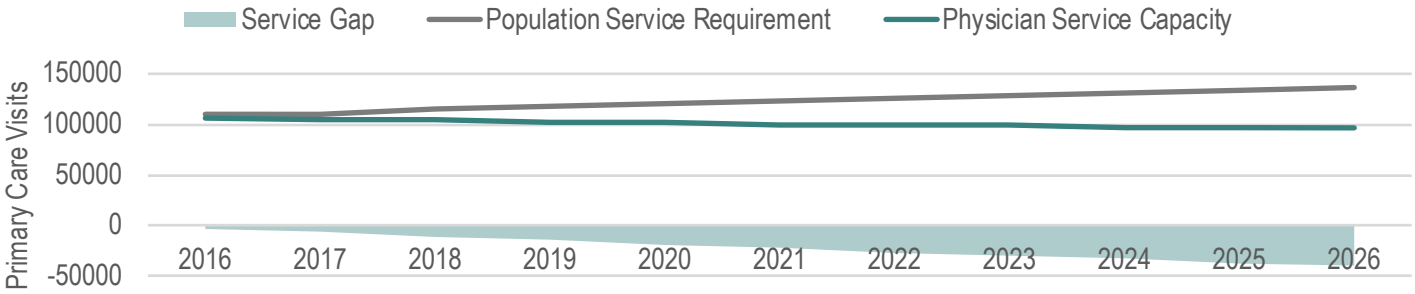


# Primary Care Workforce Planning

*Neighbourhood Profile: Stonegate-Queensway*

Ontario Health Toronto

uOttawa




**Need (2021)** 123,160 Visits

**Current State Gap (2021)** -22,886 Visits

**Capacity (2021)** 100,274 Visits

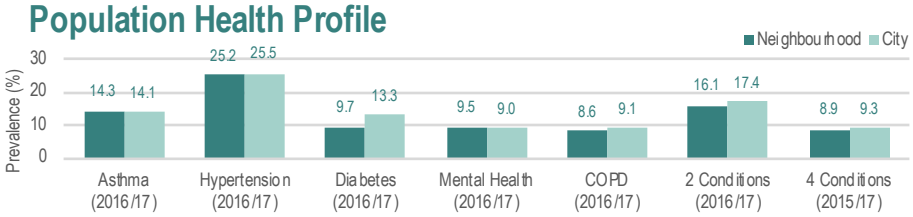
**Need (2026)** 136,403 Visits

**Future State Gap (2026)** -39,952 Visits

**Capacity (2026)** 96,451 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 4,050 | 2,495 | 14,320 | 4,170 |
| 16.2 % | 10.0 % | 57.1 % | 16.6 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 25,051 | *Neigh:* 0.79 % - 1.24 % |
| 2021 | 26,430 - 26,598 | *City:* 1.60 % - 2.50 % |
| 2026 | 27,808 - 28,145 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 2 | 4 |
| Residential Instability | 2 | 5 |
| Dependency | 3 | 1 |
| Ethnic Concentration | 1 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 104,045 Non-Resident Visits

**Yearly Outgoing Demand:** 84,756 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 69.9 | 71.6 |
| ACSC Hospitalization / 100,000 | 192.0 | 244.4 |
| Low Urgency ED (%) | 131.7 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 34 |
| 2017 | 29 |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 146 | 27 | 193 | 34 | 15 | 0 | 772 | 318 | 33 | 217 | 160 | 0 | 23 |
| 2017 | 145 | 61 | 307 | 25 | 8 | 85 | 640 | 258 | 22 | 179 | 202 | 0 | 23 |
| 2018 | 156 | 68 | 344 | 3 | 7 | 74 | 369 | 185 | 22 | 191 | 216 | 0 | 11 |

# Primary Care Workforce Planning

*Service Requirements Module: Stonegate-Queensway*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

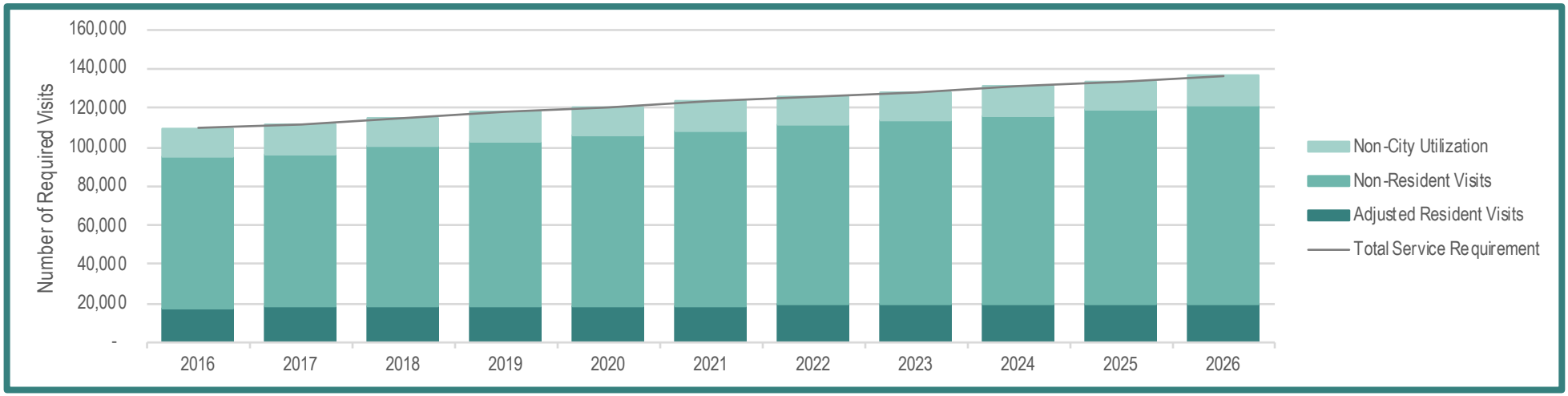
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

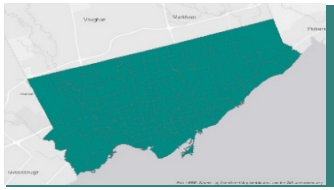
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 26,660 | 26,964 | 27,268 | 27,572 | 27,876 | 28,180 | 28,483 | 28,787 | 29,091 | 29,395 | 29,699 |
| Resident Visits | 98,146 | 99,277 | 100,384 | 101,502 | 102,621 | 103,740 | 104,859 | 105,978 | 107,096 | 108,215 | 109,334 |
| Proportion of Care Accessed Within Home Neighbourhood | 18.3% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 17,961 | 18,168 | 18,370 | 18,575 | 18,780 | 18,984 | 19,189 | 19,394 | 19,599 | 19,803 | 20,008 |
| Non-Resident Visits | 77,335 | 78,338 | 82,223 | 84,667 | 87,111 | 89,555 | 91,998 | 94,442 | 96,886 | 99,330 | 101,774 |
| Non-City Utilization | 14,621 | | | | | | | | | | |
| **Total Service Requirement** | **109,917** | **111,127** | **115,214** | **117,863** | **120,511** | **123,160** | **125,809** | **128,457** | **131,106** | **133,755** | **136,403** |



# Primary Care Workforce Planning

*Service Capacity Module: Stonegate-Queensway*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

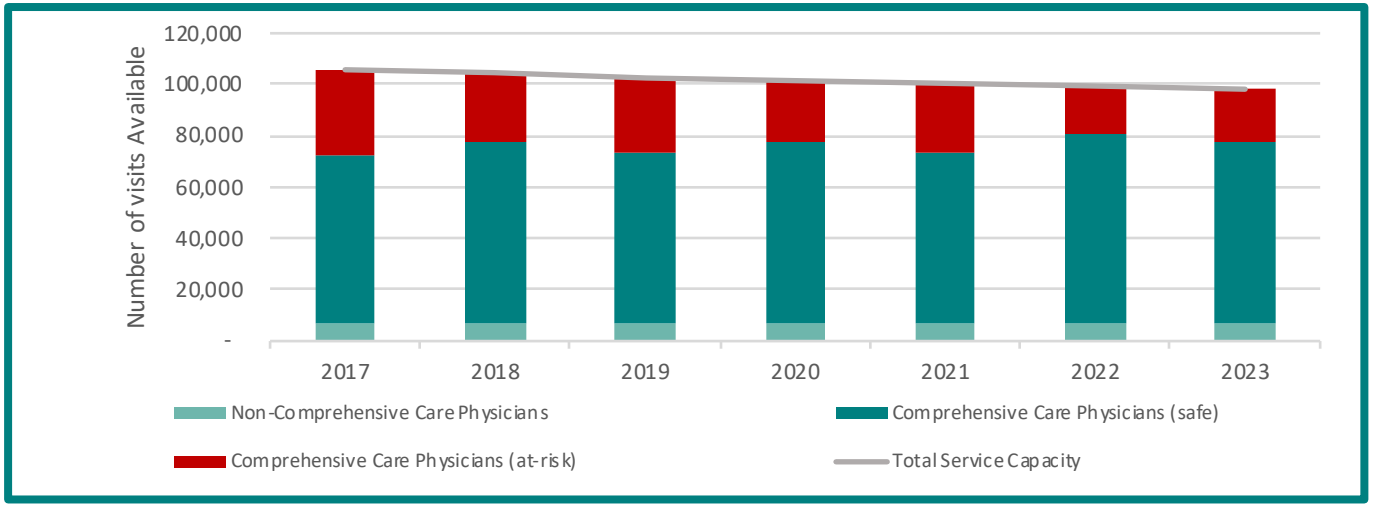
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



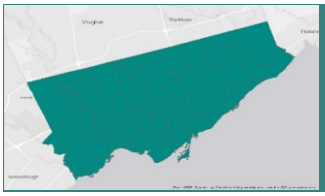

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 34 |
| 2017 | 29 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 65,690 | 71,265 | 67,127 | 71,351 | 67,173 | 73,574 | 70,375 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 33,356 | 26,298 | 28,953 | 23,246 | 26,368 | 18,929 | 21,090 |
| Non-Comprehensive Care Physicians' Service Capacity | 6,733 | | | | | | |
| Total Service Capacity | 105,779 | 104,296 | 102,813 | 101,330 | 100,274 | 99,236 | 98,198 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 146 | 145 | 156 |
| Dieticians | 27 | 61 | 68 |
| Midwives | 193 | 307 | 344 |
| NPs | 34 | 25 | 3 |
| OTs | 15 | 8 | 7 |
| Optometrists | 0 | 85 | 74 |
| Pharmacists | 772 | 640 | 369 |
| PTs | 318 | 258 | 185 |
| Psychologists | 33 | 22 | 22 |
| RNs | 217 | 179 | 191 |
| RPNs | 160 | 202 | 216 |
| RTs | 0 | 0 | 0 |
| SLPs | 23 | 23 | 11 |

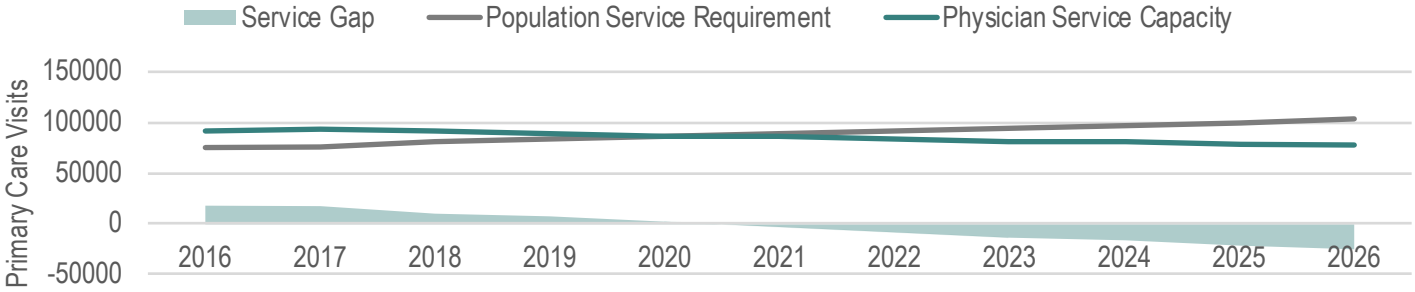


# Primary Care Workforce Planning

*Neighbourhood Profile: Mimico*

Ontario Health Toronto

uOttawa




**Need (2021)** 89,153 Visits

**Current State Gap (2021)** -3,989 Visits

**Capacity (2021)** 85,164 Visits

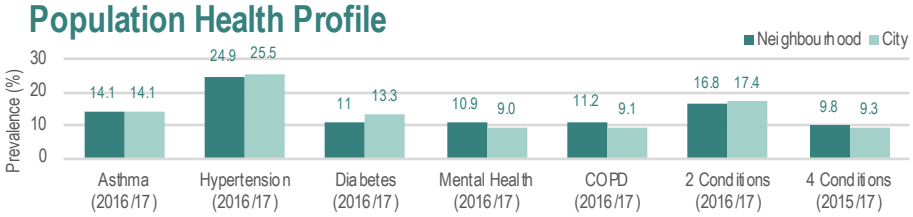
**Need (2026)** 103,353 Visits

**Future State Gap (2026)** -25,888 Visits

**Capacity (2026)** 77,465 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 3,515 | 2,945 | 22,360 | 5,155 |
| 10.4 % | 8.7 % | 65.8 % | 15.2 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 33,964 | *Neigh:* 4.84 % - 7.60 % |
| 2021 | 45,472 - 46,875 | *City:* 1.60 % - 2.50 % |
| 2026 | 56,981 - 59,785 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 2 | 4 |
| Residential Instability | 5 | 5 |
| Dependency | 3 | 1 |
| Ethnic Concentration | 2 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 52,215 Non-Resident Visits

**Yearly Outgoing Demand:** 131,230 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 69.7 | 71.6 |
| ACSC Hospitalization / 100,000 | 310.2 | 244.4 |
| Low Urgency ED (%) | 130.0 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 13 |
| 2017 | 13 |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 27 | 43 | 0 | 36 | 0 | 0 | 493 | 103 | 49 | 1,263 | 120 | 0 | 15 |
| 2017 | 42 | 42 | 0 | 56 | 11 | 31 | 609 | 164 | 89 | 1,124 | 181 | 0 | 10 |
| 2018 | 30 | 67 | 0 | 35 | 11 | 30 | 286 | 81 | 97 | 1,316 | 181 | 0 | 14 |

# Primary Care Workforce Planning

*Service Requirements Module: Mimico*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

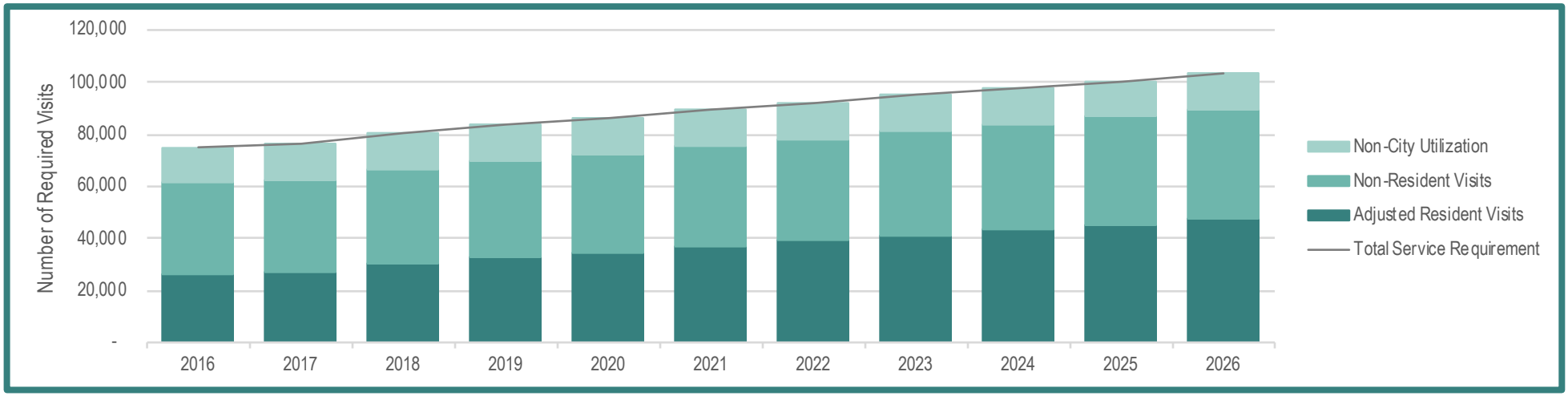
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

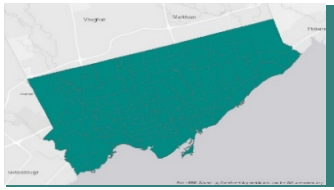
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 32,371 | 34,910 | 37,448 | 39,987 | 42,525 | 45,064 | 47,603 | 50,141 | 52,680 | 55,218 | 57,757 |
| Resident Visits | 121,051 | 125,181 | 140,037 | 149,530 | 159,023 | 168,516 | 178,009 | 187,502 | 196,995 | 206,488 | 215,981 |
| Proportion of Care Accessed Within Home Neighbourhood | 21.9% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 26,510 | 27,415 | 30,668 | 32,747 | 34,826 | 36,905 | 38,984 | 41,063 | 43,142 | 45,221 | 47,300 |
| Non-Resident Visits | 34,626 | 35,016 | 36,148 | 36,909 | 37,669 | 38,430 | 39,191 | 39,952 | 40,713 | 41,474 | 42,235 |
| Non-City Utilization | 13,818 | | | | | | | | | | |
| **Total Service Requirement** | **74,954** | **76,249** | **80,634** | **83,474** | **86,314** | **89,153** | **91,993** | **94,833** | **97,673** | **100,513** | **103,353** |



# Primary Care Workforce Planning

*Service Capacity Module: Mimico*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

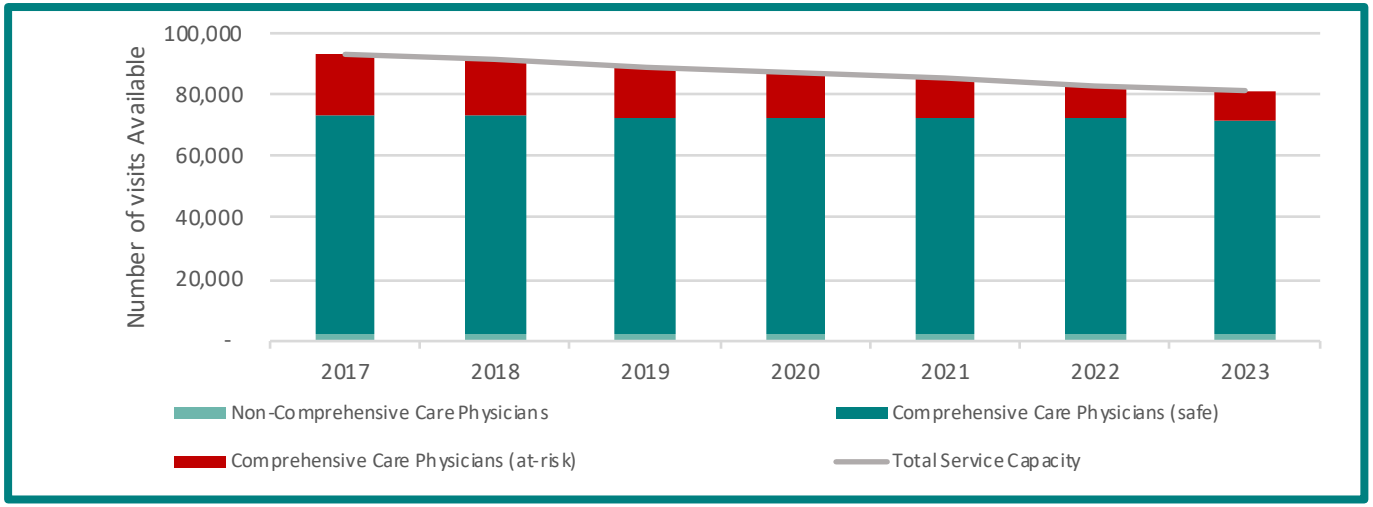
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



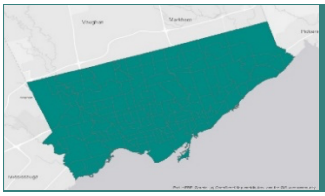

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 13 |
| 2017 | 13 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 71,108 | 70,867 | 70,626 | 70,385 | 70,144 | 69,903 | 69,662 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 19,876 | 18,120 | 16,364 | 14,608 | 12,852 | 11,096 | 9,550 |
| Non-Comprehensive Care Physicians' Service Capacity | 2,168 | | | | | | |
| Total Service Capacity | 93,152 | 91,155 | 89,158 | 87,161 | 85,164 | 83,167 | 81,380 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 27 | 42 | 30 |
| Dieticians | 43 | 42 | 67 |
| Midwives | 0 | 0 | 0 |
| NPs | 36 | 56 | 35 |
| OTs | 0 | 11 | 11 |
| Optometrists | 0 | 31 | 30 |
| Pharmacists | 493 | 609 | 286 |
| PTs | 103 | 164 | 81 |
| Psychologists | 49 | 89 | 97 |
| RNs | 1,263 | 1,124 | 1,316 |
| RPNs | 120 | 181 | 181 |
| RTs | 0 | 0 | 0 |
| SLPs | 15 | 10 | 14 |

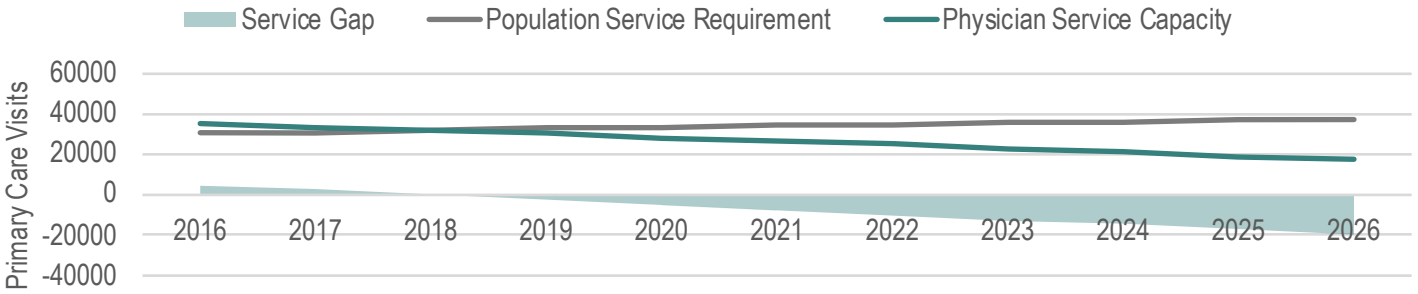


# Primary Care Workforce Planning

*Neighbourhood Profile: New Toronto*

Ontario Health Toronto

uOttawa




**Need (2021)** 34,081 Visits

**Current State Gap (2021)** -7,485 Visits

**Capacity (2021)** 26,596 Visits

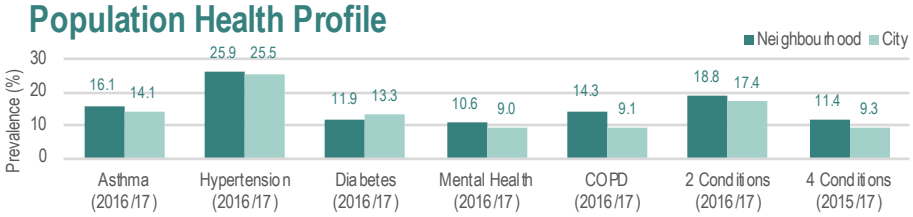
**Need (2026)** 37,341 Visits

**Future State Gap (2026)** -19,675 Visits

**Capacity (2026)** 17,666 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 1,610 | 1,405 | 6,770 | 1,530 |
| 14.2 % | 12.4 % | 59.9 % | 13.5 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 11,463 | *Neigh:* 0.54 % - 0.83 % |
| 2021 | 11,896 - 11,939 | *City:* 1.60 % - 2.50 % |
| 2026 | 12,328 - 12,415 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 4 | 4 |
| Residential Instability | 5 | 5 |
| Dependency | 2 | 1 |
| Ethnic Concentration | 2 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 26,506 Non-Resident Visits

**Yearly Outgoing Demand:** 38,199 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 69.7 | 71.6 |
| ACSC Hospitalization / 100,000 | 383.3 | 244.4 |
| Low Urgency ED (%) | 150.7 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 19 | 42 | 0 | 51 | 6 | 0 | 250 | 92 | 0 | 257 | 919 | 0 | 0 |
| 2017 | 17 | 57 | 0 | 61 | 5 | 11 | 251 | 134 | 0 | 190 | 802 | 0 | 0 |
| 2018 | 19 | 29 | 0 | 59 | 1 | 11 | 102 | 74 | 0 | 286 | 749 | 0 | 3 |

# Primary Care Workforce Planning

*Service Requirements Module: New Toronto*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

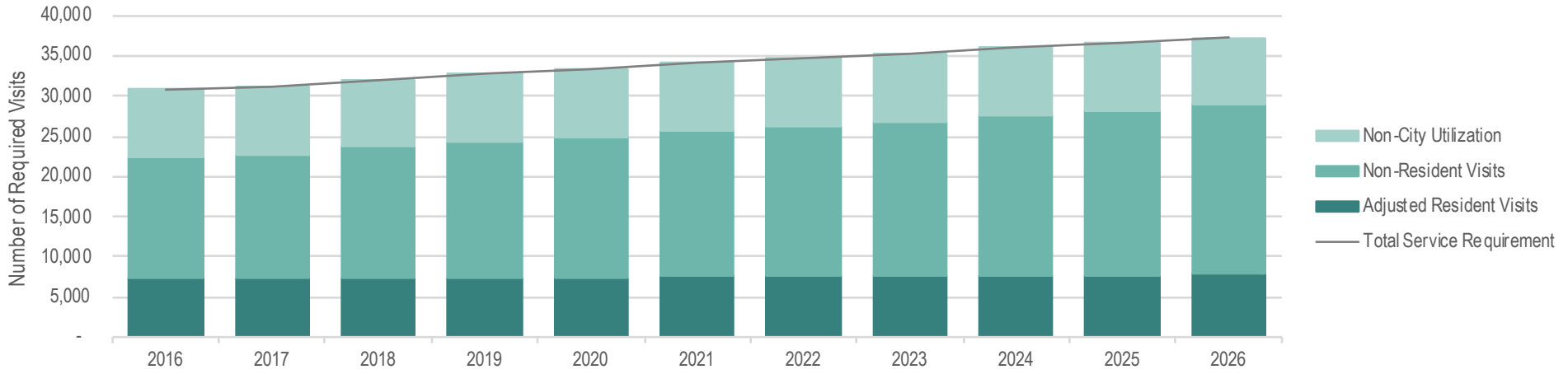
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

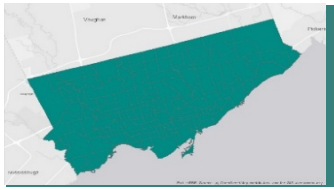
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 11,612 | 11,706 | 11,800 | 11,895 | 11,989 | 12,083 | 12,177 | 12,271 | 12,366 | 12,460 | 12,554 |
| Resident Visits | 43,931 | 44,664 | 44,644 | 45,000 | 45,356 | 45,713 | 46,069 | 46,426 | 46,782 | 47,138 | 47,495 |
| Proportion of Care Accessed Within Home Neighbourhood | 16.5% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 7,249 | 7,370 | 7,366 | 7,425 | 7,484 | 7,543 | 7,601 | 7,660 | 7,719 | 7,778 | 7,837 |
| Non-Resident Visits | 15,122 | 15,363 | 16,308 | 16,901 | 17,494 | 18,087 | 18,681 | 19,274 | 19,867 | 20,460 | 21,053 |
| Non-City Utilization | 8,451 | | | | | | | | | | |
| **Total Service Requirement** | **30,821** | **31,183** | **32,125** | **32,777** | **33,429** | **34,081** | **34,733** | **35,385** | **36,037** | **36,689** | **37,341** |



# Primary Care Workforce Planning

*Service Capacity Module: New Toronto*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

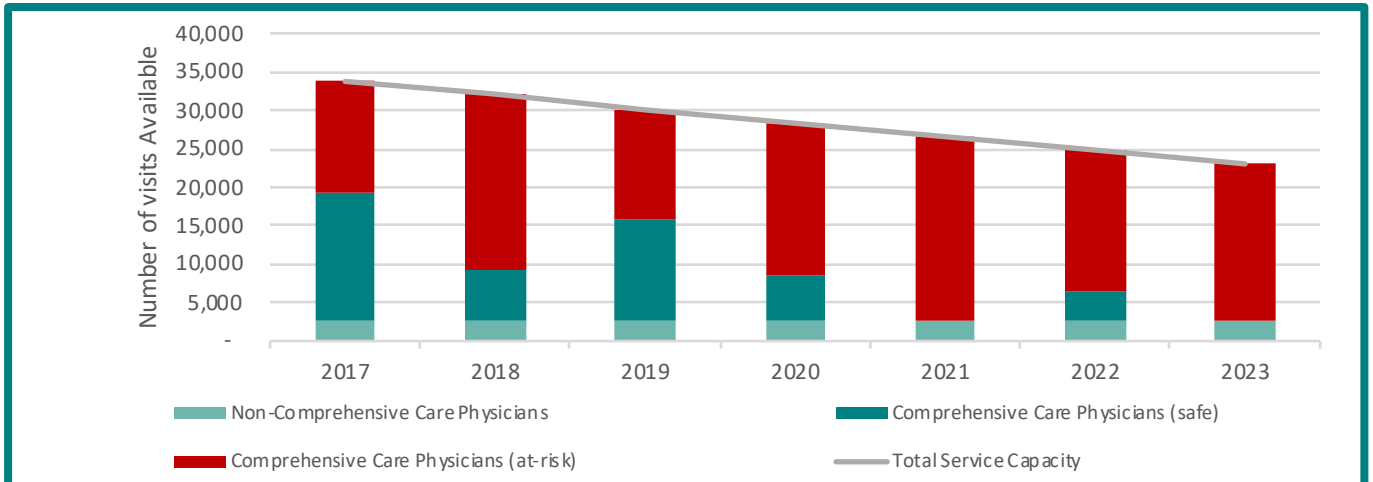
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



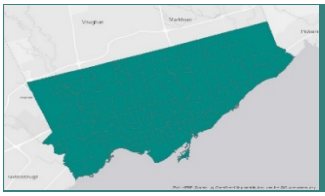

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 16,679 | 6,807 | 13,414 | 5,895 | 0 | 3,940 | 0 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 14,582 | 22,667 | 14,273 | 20,005 | 24,113 | 18,386 | 20,539 |
| Non-Comprehensive Care Physicians' Service Capacity | 2,483 | | | | | | |
| Total Service Capacity | 33,744 | 31,957 | 30,170 | 28,383 | 26,596 | 24,809 | 23,022 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 19 | 17 | 19 |
| Dieticians | 42 | 57 | 29 |
| Midwives | 0 | 0 | 0 |
| NPs | 51 | 61 | 59 |
| OTs | 6 | 5 | 1 |
| Optometrists | 0 | 11 | 11 |
| Pharmacists | 250 | 251 | 102 |
| PTs | 92 | 134 | 74 |
| Psychologists | 0 | 0 | 0 |
| RNs | 257 | 190 | 286 |
| RPNs | 919 | 802 | 749 |
| RTs | 0 | 0 | 0 |
| SLPs | 0 | 0 | 3 |

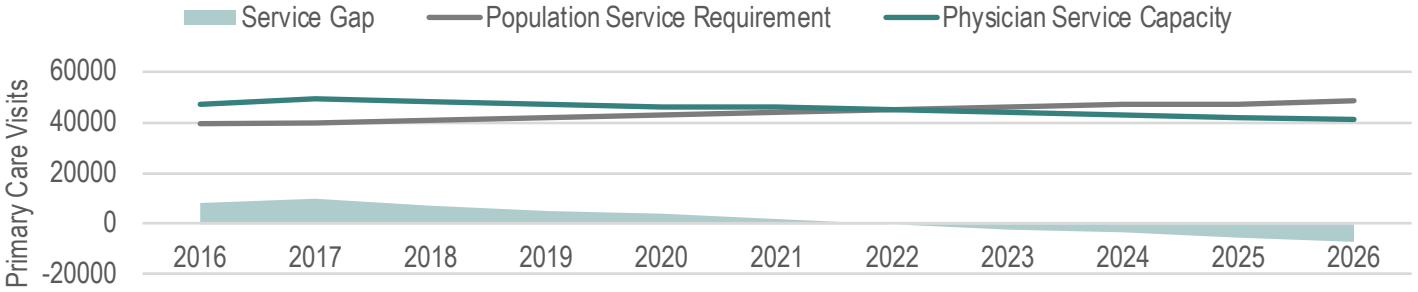


# Primary Care Workforce Planning

*Neighbourhood Profile: South Parkdale*

Ontario Health Toronto

uOttawa




**Need (2021)** 43,987 Visits

**Current State Gap (2021)** +1,588 Visits

**Capacity (2021)** 45,575 Visits

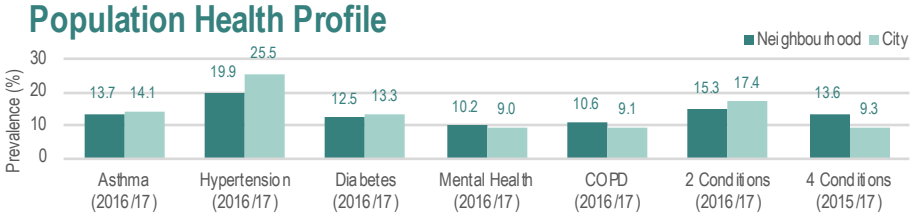
**Need (2026)** 48,529 Visits

**Future State Gap (2026)** -7,403 Visits

**Capacity (2026)** 41,126 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 2,135 | 2,255 | 14,925 | 2,540 |
| 9.8 % | 10.3 % | 68.3 % | 11.6 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 21,849 | *Neigh:* 1.37 % - 2.16 % |
| 2021 | 23,949 - 24,207 | *City:* 1.60 % - 2.50 % |
| 2026 | 26,050 - 26,565 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 4 | 4 |
| Residential Instability | 5 | 5 |
| Dependency | 1 | 1 |
| Ethnic Concentration | 3 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 30,222 Non-Resident Visits

**Yearly Outgoing Demand:** 77,613 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 70.8 | 71.6 |
| ACSC Hospitalization / 100,000 | 459.3 | 244.4 |
| Low Urgency ED (%) | 128.2 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 7 |
| 2017 | 6 |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 22 | 69 | 0 | 101 | 18 | 0 | 423 | 166 | 0 | 1,056 | 1,199 | 0 | 8 |
| 2017 | 22 | 91 | 0 | 106 | 11 | 15 | 356 | 129 | 0 | 998 | 1,281 | 0 | 0 |
| 2018 | 34 | 77 | 0 | 91 | 12 | 30 | 190 | 19 | 0 | 1,009 | 1,376 | 0 | 0 |

# Primary Care Workforce Planning

*Service Requirements Module: South Parkdale*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

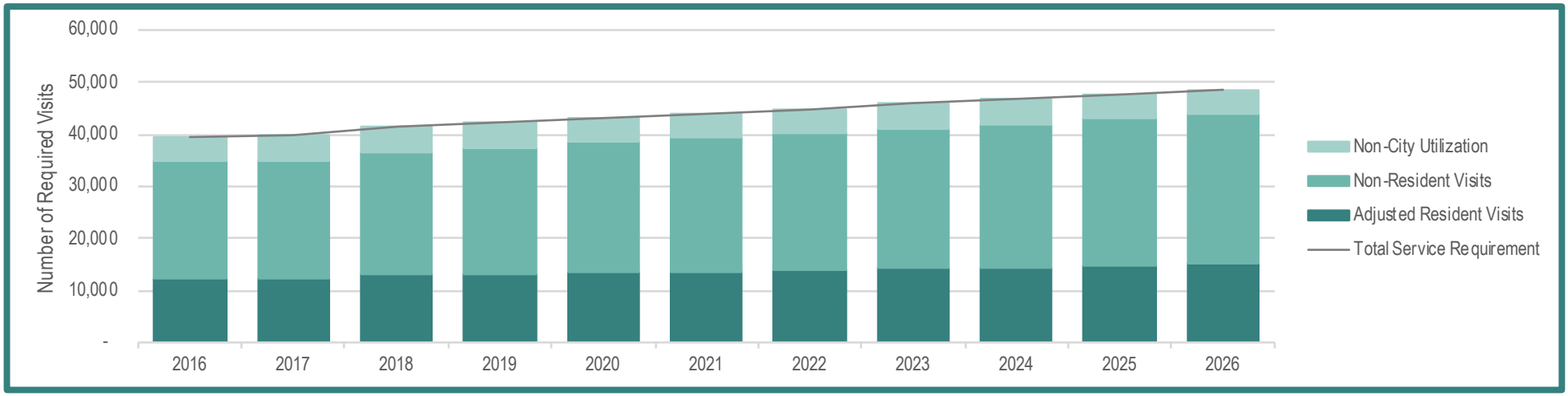
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

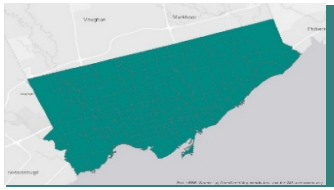
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 22,344 | 22,808 | 23,271 | 23,735 | 24,198 | 24,662 | 25,126 | 25,589 | 26,053 | 26,516 | 26,980 |
| Resident Visits | 82,896 | 82,568 | 86,336 | 88,056 | 89,776 | 91,496 | 93,216 | 94,936 | 96,656 | 98,376 | 100,096 |
| Proportion of Care Accessed Within Home Neighbourhood | 15.0% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 12,434 | 12,385 | 12,950 | 13,208 | 13,466 | 13,724 | 13,982 | 14,240 | 14,498 | 14,756 | 15,014 |
| Non-Resident Visits | 22,345 | 22,553 | 23,646 | 24,296 | 24,947 | 25,597 | 26,248 | 26,898 | 27,549 | 28,199 | 28,850 |
| Non-City Utilization | 4,665 | | | | | | | | | | |
| **Total Service Requirement** | **39,444** | **39,603** | **41,261** | **42,170** | **43,078** | **43,987** | **44,895** | **45,804** | **46,712** | **47,621** | **48,529** |



# Primary Care Workforce Planning

*Service Capacity Module: South Parkdale*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

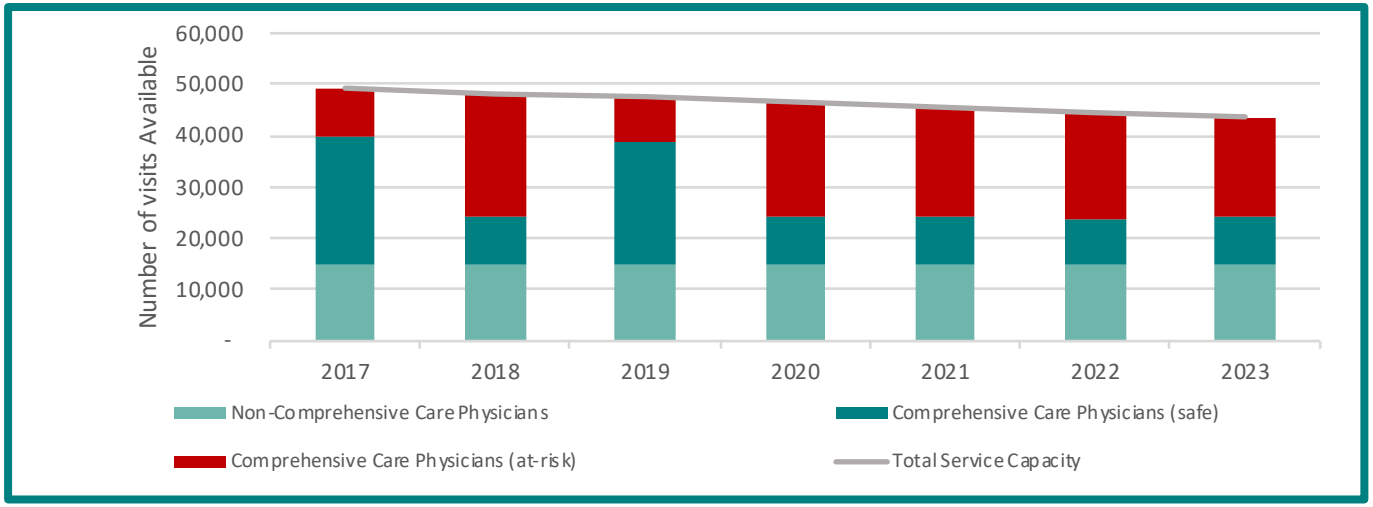
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



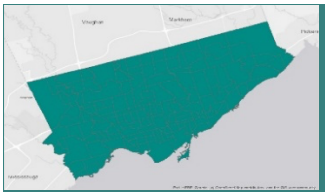

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 7 |
| 2017 | 6 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 24,617 | 9,084 | 23,617 | 9,100 | 9,108 | 8,656 | 9,124 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 9,628 | 24,228 | 8,762 | 22,346 | 21,405 | 20,924 | 19,523 |
| Non-Comprehensive Care Physicians' Service Capacity | 15,062 | | | | | | |
| Total Service Capacity | 49,307 | 48,374 | 47,441 | 46,508 | 45,575 | 44,642 | 43,709 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 22 | 22 | 34 |
| Dieticians | 69 | 91 | 77 |
| Midwives | 0 | 0 | 0 |
| NPs | 101 | 106 | 91 |
| OTs | 18 | 11 | 12 |
| Optometrists | 0 | 15 | 30 |
| Pharmacists | 423 | 356 | 190 |
| PTs | 166 | 129 | 19 |
| Psychologists | 0 | 0 | 0 |
| RNs | 1,056 | 998 | 1,009 |
| RPNs | 1,199 | 1,281 | 1,376 |
| RTs | 0 | 0 | 0 |
| SLPs | 8 | 0 | 0 |

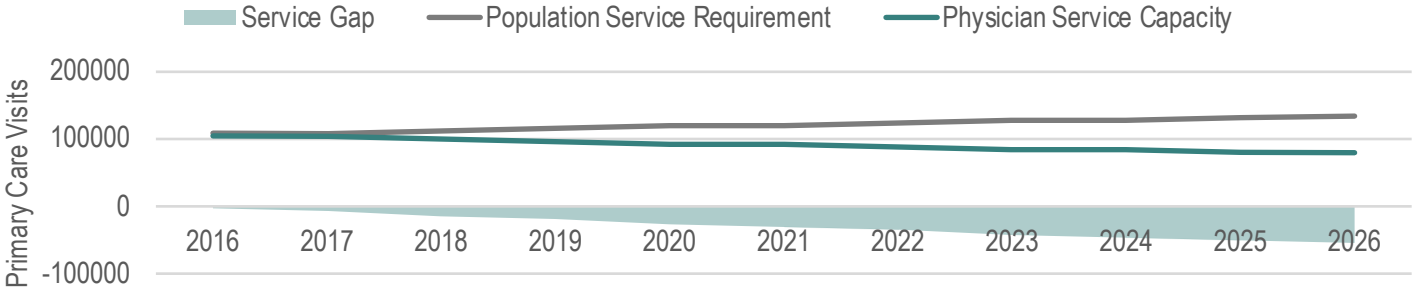


# Primary Care Workforce Planning

*Neighbourhood Profile: Roncesvalles*

Ontario Health Toronto

uOttawa




**Need (2021)** 121,486 Visits

**Current State Gap (2021)** -31,188 Visits

**Capacity (2021)** 90,298 Visits

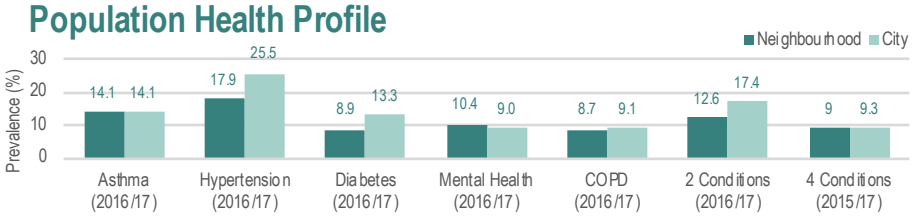
**Need (2026)** 134,131 Visits

**Future State Gap (2026)** -54,368 Visits

**Capacity (2026)** 79,763 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 2,300 | 1,295 | 9,685 | 1,675 |
| 15.4 % | 8.6 % | 64.7 % | 11.2 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 14,974 | *Neigh:* 2.43 % - 3.81 % |
| 2021 | 17,518 - 17,827 | *City:* 1.60 % - 2.50 % |
| 2026 | 20,062 - 20,680 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 3 | 4 |
| Residential Instability | 4 | 5 |
| Dependency | 1 | 1 |
| Ethnic Concentration | 2 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 109,958 Non-Resident Visits

**Yearly Outgoing Demand:** 52,908 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 69.4 | 71.6 |
| ACSC Hospitalization / 100,000 | 361.9 | 244.4 |
| Low Urgency ED (%) | 118.1 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 22 |
| 2017 | 20 |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 36 | 1 | 0 | 0 | 0 | 0 | 493 | 26 | 36 | 47 | 0 | 0 | 44 |
| 2017 | 18 | 3 | 0 | 0 | 0 | 58 | 480 | 25 | 41 | 32 | 8 | 0 | 40 |
| 2018 | 23 | 5 | 0 | 0 | 0 | 48 | 285 | 67 | 46 | 43 | 54 | 0 | 38 |

# Primary Care Workforce Planning

*Service Requirements Module: Roncesvalles*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

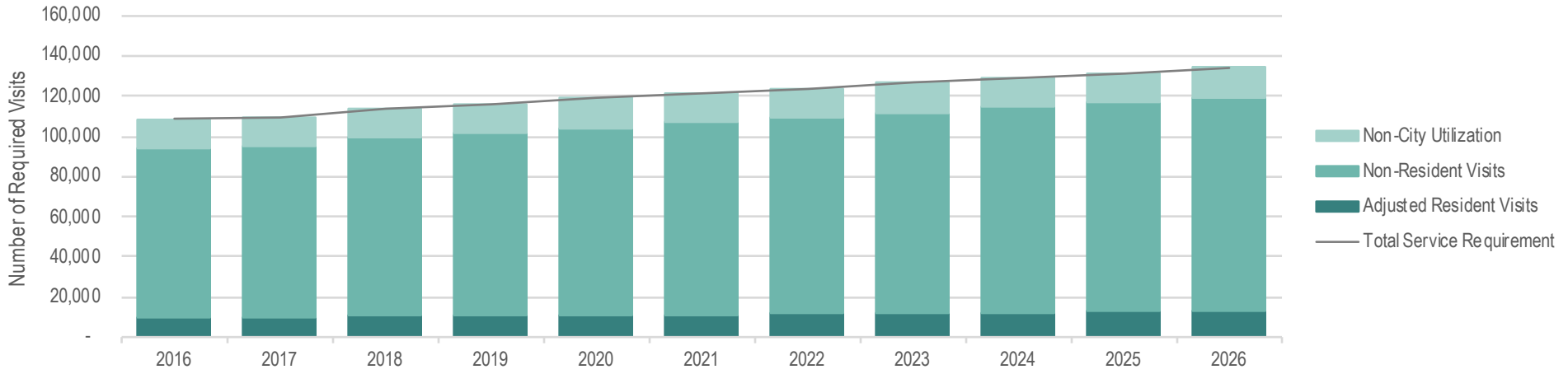
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

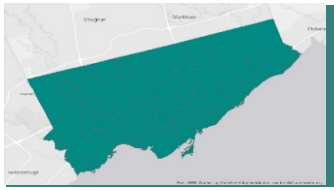
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 15,773 | 16,334 | 16,894 | 17,455 | 18,015 | 18,576 | 19,137 | 19,697 | 20,258 | 20,818 | 21,379 |
| Resident Visits | 54,717 | 54,962 | 58,606 | 60,551 | 62,496 | 64,441 | 66,385 | 68,330 | 70,275 | 72,220 | 74,164 |
| Proportion of Care Accessed Within Home Neighbourhood | 17.7% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 9,685 | 9,728 | 10,373 | 10,718 | 11,062 | 11,406 | 11,750 | 12,094 | 12,439 | 12,783 | 13,127 |
| Non-Resident Visits | 84,583 | 85,424 | 88,952 | 91,137 | 93,321 | 95,506 | 97,691 | 99,875 | 102,060 | 104,245 | 106,430 |
| Non-City Utilization | 14,574 | | | | | | | | | | |
| **Total Service Requirement** | **108,842** | **109,726** | **113,899** | **116,428** | **118,957** | **121,486** | **124,015** | **126,544** | **129,073** | **131,602** | **134,131** |



# Primary Care Workforce Planning

*Service Capacity Module: Roncesvalles*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

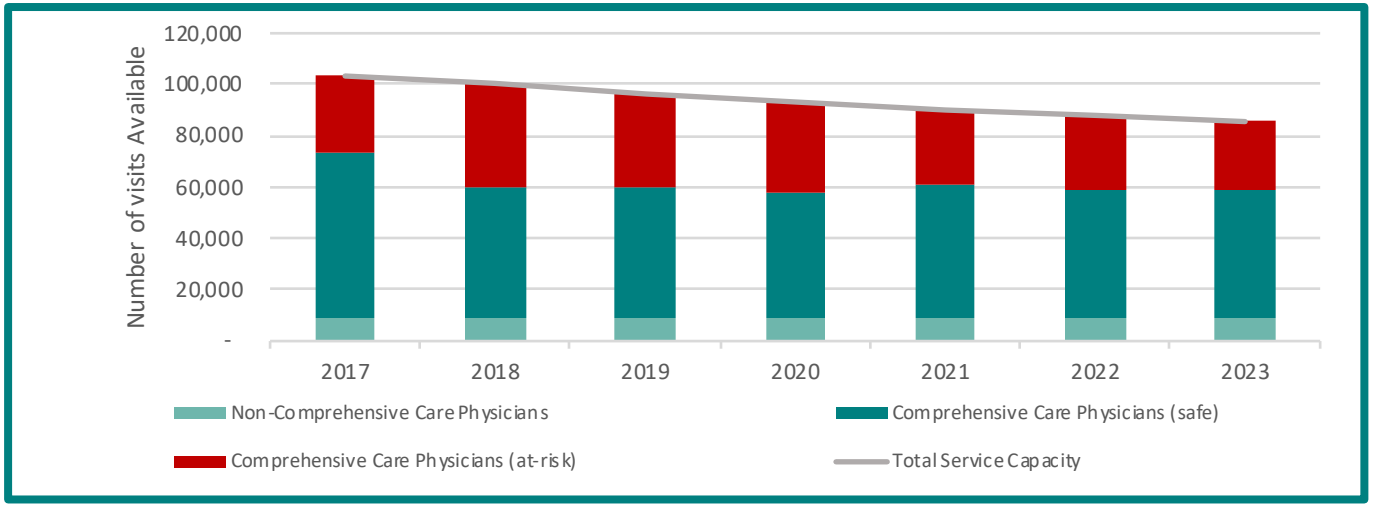
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



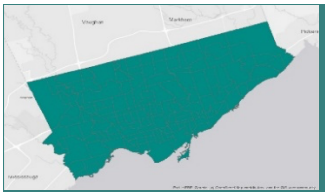

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 22 |
| 2017 | 20 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 64,347 | 51,086 | 51,429 | 48,760 | 52,115 | 49,914 | 50,491 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 30,134 | 40,119 | 36,500 | 35,893 | 29,322 | 29,077 | 26,217 |
| Non-Comprehensive Care Physicians' Service Capacity | 8,861 | | | | | | |
| Total Service Capacity | 103,342 | 100,066 | 96,790 | 93,514 | 90,298 | 87,852 | 85,569 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 36 | 18 | 23 |
| Dieticians | 1 | 3 | 5 |
| Midwives | 0 | 0 | 0 |
| NPs | 0 | 0 | 0 |
| OTs | 0 | 0 | 0 |
| Optometrists | 0 | 58 | 48 |
| Pharmacists | 493 | 480 | 285 |
| PTs | 26 | 25 | 67 |
| Psychologists | 36 | 41 | 46 |
| RNs | 47 | 32 | 43 |
| RPNs | 0 | 8 | 54 |
| RTs | 0 | 0 | 0 |
| SLPs | 44 | 40 | 38 |

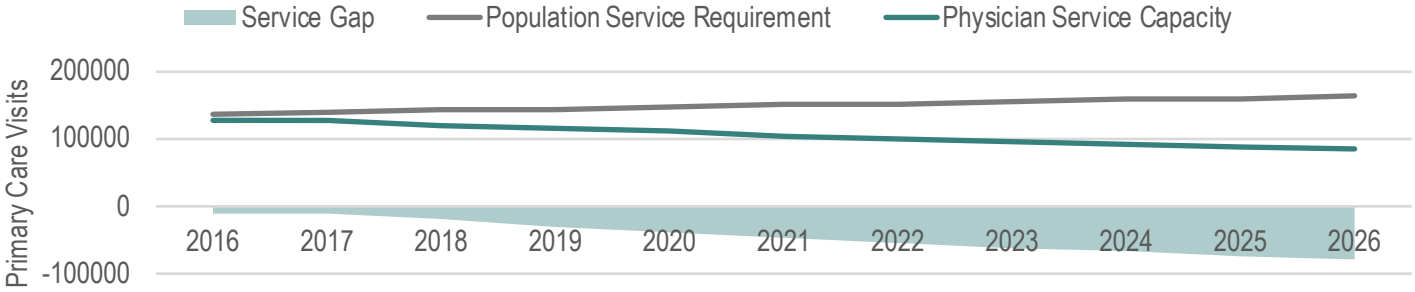


# Primary Care Workforce Planning

*Neighbourhood Profile: High Park-Swansea*

Ontario Health Toronto

uOttawa




**Need (2021)** 150,611 Visits

**Current State Gap (2021)** -45,667 Visits

**Capacity (2021)** 104,944 Visits

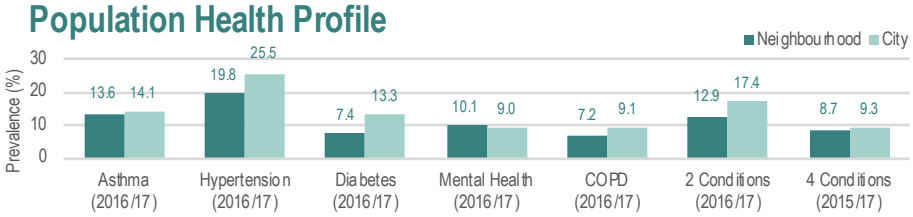
**Need (2026)** 164,311 Visits

**Future State Gap (2026)** -78,939 Visits

**Capacity (2026)** 85,372 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 3,550 | 2,140 | 14,425 | 3,815 |
| 14.8 % | 8.9 % | 60.3 % | 15.9 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 23,925 | *Neigh:* 0.47 % - 0.74 % |
| 2021 | 24,709 - 24,805 | *City:* 1.60 % - 2.50 % |
| 2026 | 25,493 - 25,685 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 1 | 4 |
| Residential Instability | 4 | 5 |
| Dependency | 2 | 1 |
| Ethnic Concentration | 1 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 139,518 Non-Resident Visits

**Yearly Outgoing Demand:** 77,331 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 68.8 | 71.6 |
| ACSC Hospitalization / 100,000 | 179.1 | 244.4 |
| Low Urgency ED (%) | 110.9 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 51 |
| 2017 | 46 |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 86 | 42 | 0 | 28 | 141 | 0 | 390 | 274 | 123 | 1,102 | 1,066 | 0 | 32 |
| 2017 | 42 | 62 | 0 | 11 | 103 | 249 | 408 | 297 | 123 | 1,011 | 1,013 | 0 | 41 |
| 2018 | 49 | 71 | 0 | 29 | 104 | 256 | 185 | 167 | 123 | 816 | 998 | 20 | 60 |

# Primary Care Workforce Planning

*Service Requirements Module: High Park-Swansea*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

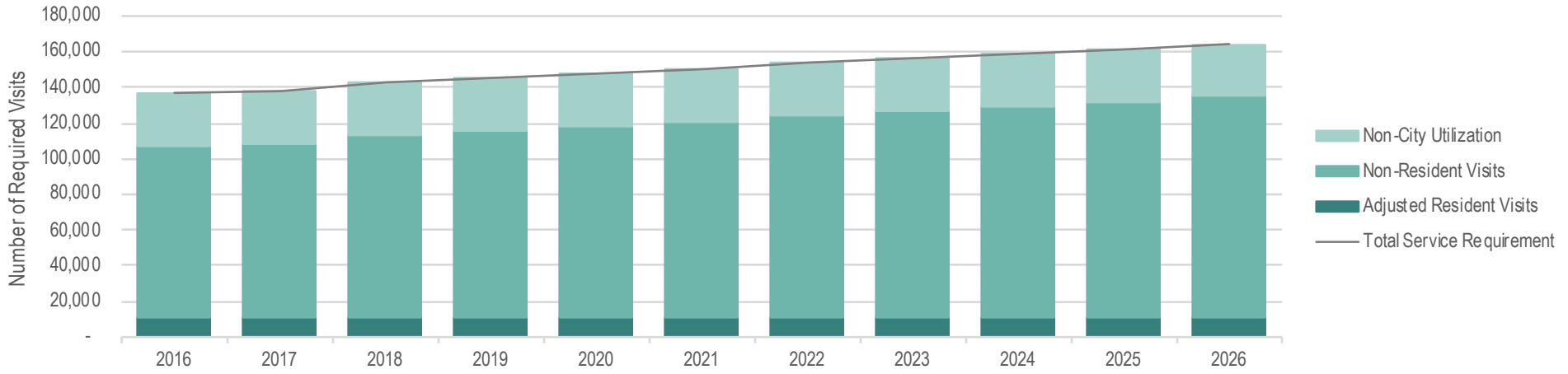
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

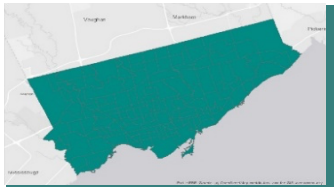
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 23,981 | 24,154 | 24,327 | 24,500 | 24,673 | 24,846 | 25,019 | 25,192 | 25,365 | 25,538 | 25,711 |
| Resident Visits | 85,192 | 85,951 | 86,421 | 87,036 | 87,650 | 88,265 | 88,879 | 89,494 | 90,108 | 90,723 | 91,338 |
| Proportion of Care Accessed Within Home Neighbourhood | 12.4% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 10,564 | 10,658 | 10,716 | 10,792 | 10,869 | 10,945 | 11,021 | 11,097 | 11,173 | 11,250 | 11,326 |
| Non-Resident Visits | 96,926 | 97,957 | 102,253 | 104,917 | 107,581 | 110,245 | 112,909 | 115,573 | 118,237 | 120,901 | 123,565 |
| Non-City Utilization | 29,421 | | | | | | | | | | |
| **Total Service Requirement** | **136,911** | **138,036** | **142,391** | **145,131** | **147,871** | **150,611** | **153,351** | **156,091** | **158,831** | **161,571** | **164,311** |



# Primary Care Workforce Planning

*Service Capacity Module: High Park-Swansea*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

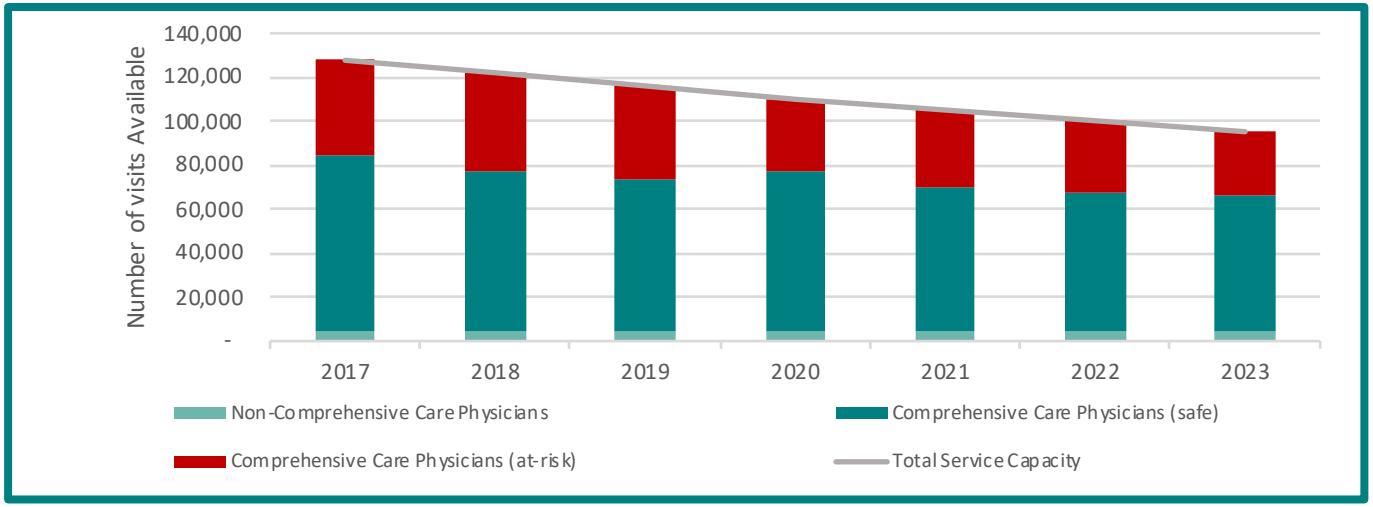
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



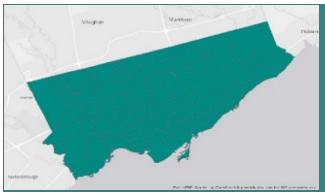

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 51 |
| 2017 | 46 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 79,571 | 72,561 | 68,413 | 72,333 | 64,529 | 62,789 | 61,392 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 43,262 | 44,397 | 42,670 | 33,037 | 35,532 | 32,275 | 28,948 |
| Non-Comprehensive Care Physicians' Service Capacity | 4,883 | | | | | | |
| Total Service Capacity | 127,716 | 121,841 | 115,966 | 110,253 | 104,944 | 99,947 | 95,223 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 86 | 42 | 49 |
| Dieticians | 42 | 62 | 71 |
| Midwives | 0 | 0 | 0 |
| NPs | 28 | 11 | 29 |
| OTs | 141 | 103 | 104 |
| Optometrists | 0 | 249 | 256 |
| Pharmacists | 390 | 408 | 185 |
| PTs | 274 | 297 | 167 |
| Psychologists | 123 | 123 | 123 |
| RNs | 1,102 | 1,011 | 816 |
| RPNs | 1,066 | 1,013 | 998 |
| RTs | 0 | 0 | 20 |
| SLPs | 32 | 41 | 60 |

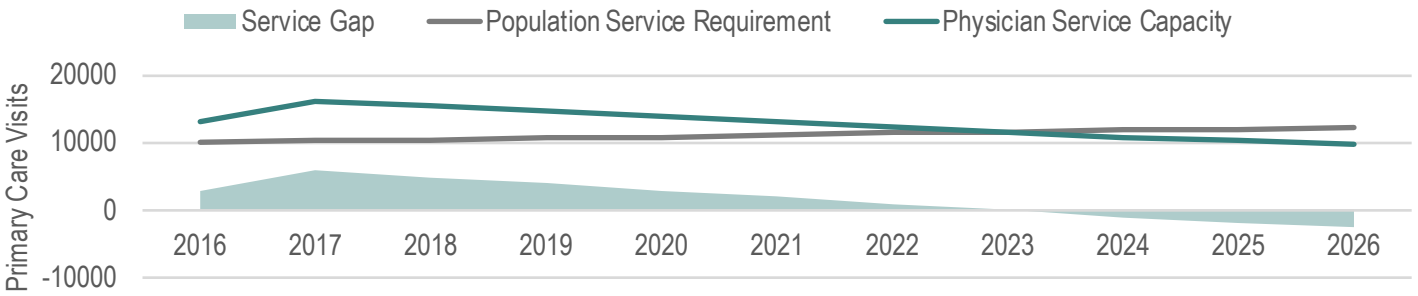


# Primary Care Workforce Planning

*Neighbourhood Profile: High Park North*

Ontario Health Toronto

uOttawa

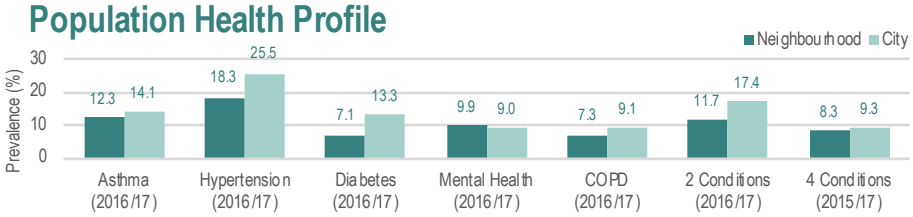



| Need (2021) | Current State Gap (2021) | Capacity (2021) |
|---|---|---|
| 11,218 Visits | +1,990 Visits | 13,208 Visits |

| Need (2026) | Future State Gap (2026) | Capacity (2026) |
|---|---|---|
| 12,314 Visits | -2,493 Visits | 9,821 Visits |

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 2,855 | 1,900 | 14,220 | 3,195 |
| 12.9 % | 8.6 % | 64.2 % | 14.4 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 22,162 | *Neigh:* 1.55 % - 2.44 % |
| 2021 | 24,571 - 24,866 | *City:* 1.60 % - 2.50 % |
| 2026 | 26,981 - 27,570 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 1 | 4 |
| Residential Instability | 5 | 5 |
| Dependency | 2 | 1 |
| Ethnic Concentration | 2 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 10,614 Non-Resident Visits

**Yearly Outgoing Demand:** 84,207 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 67.4 | 71.6 |
| ACSC Hospitalization / 100,000 | 205.0 | 244.4 |
| Low Urgency ED (%) | 95.0 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

Average Weekly Hours Available

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 34 | 73 | 0 | 77 | 37 | 0 | 156 | 70 | 50 | 931 | 443 | 0 | 33 |
| 2017 | 20 | 129 | 0 | 105 | 15 | 60 | 226 | 47 | 49 | 1,104 | 442 | 0 | 31 |
| 2018 | 45 | 59 | 0 | 152 | 15 | 63 | 128 | 23 | 49 | 896 | 475 | 0 | 9 |

# Primary Care Workforce Planning

*Service Requirements Module: High Park North*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

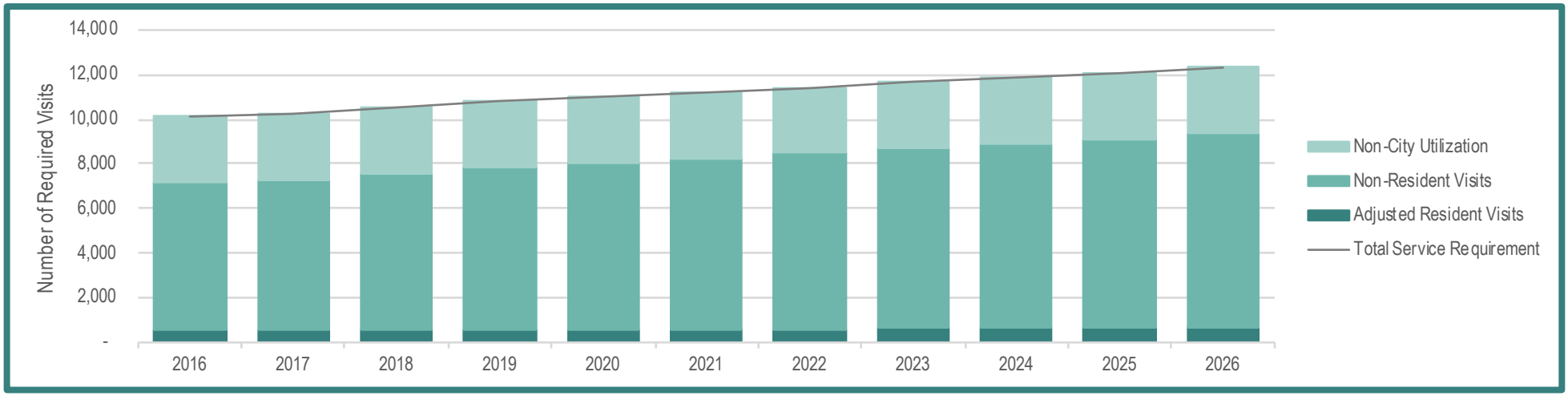
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

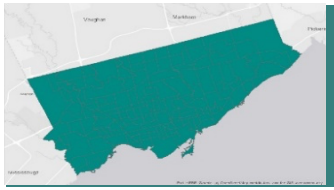
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 22,139 | 22,671 | 23,203 | 23,734 | 24,266 | 24,798 | 25,330 | 25,862 | 26,393 | 26,925 | 27,457 |
| Resident Visits | 75,799 | 76,495 | 79,440 | 81,261 | 83,082 | 84,903 | 86,724 | 88,544 | 90,365 | 92,186 | 94,007 |
| Proportion of Care Accessed Within Home Neighbourhood | 0.7% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 531 | 535 | 556 | 569 | 582 | 594 | 607 | 620 | 633 | 645 | 658 |
| Non-Resident Visits | 6,640 | 6,737 | 7,053 | 7,259 | 7,466 | 7,672 | 7,879 | 8,085 | 8,291 | 8,498 | 8,704 |
| Non-City Utilization | 2,952 | | | | | | | | | | |
| **Total Service Requirement** | **10,122** | **10,224** | **10,561** | **10,780** | **10,999** | **11,218** | **11,438** | **11,657** | **11,876** | **12,095** | **12,314** |



# Primary Care Workforce Planning

*Service Capacity Module: High Park North*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

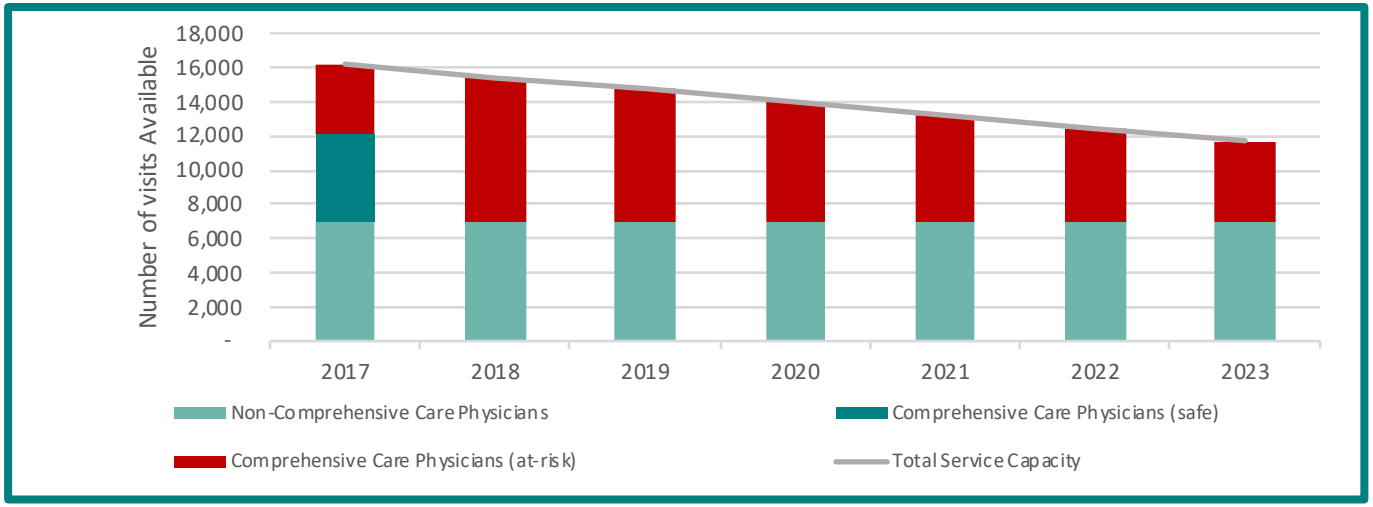
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



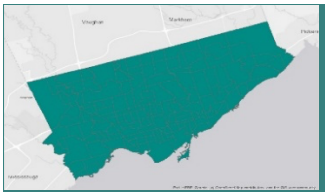

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 5,243 | 0 | 0 | 0 | 0 | 0 | 0 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 4,053 | 8,549 | 7,802 | 7,055 | 6,308 | 5,561 | 4,814 |
| Non-Comprehensive Care Physicians' Service Capacity | 6,900 | | | | | | |
| Total Service Capacity | 16,196 | 15,449 | 14,702 | 13,955 | 13,208 | 12,461 | 11,714 |

### Allied Health Professionals

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 34 | 20 | 45 |
| Dieticians | 73 | 129 | 59 |
| Midwives | 0 | 0 | 0 |
| NPs | 77 | 105 | 152 |
| OTs | 37 | 15 | 15 |
| Optometrists | 0 | 60 | 63 |
| Pharmacists | 156 | 226 | 128 |
| PTs | 70 | 47 | 23 |
| Psychologists | 50 | 49 | 49 |
| RNs | 931 | 1,104 | 896 |
| RPNs | 443 | 442 | 475 |
| RTs | 0 | 0 | 0 |
| SLPs | 33 | 31 | 9 |

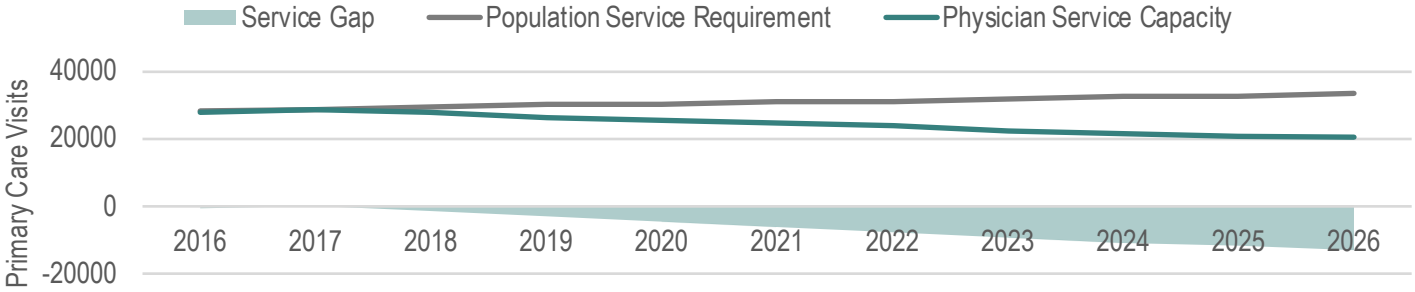


# Primary Care Workforce Planning

*Neighbourhood Profile: Runnymede-Bloor West Village*

Ontario Health Toronto

uOttawa




**Need (2021)** 30,984 Visits

**Current State Gap (2021)** -6,342 Visits

**Capacity (2021)** 24,642 Visits

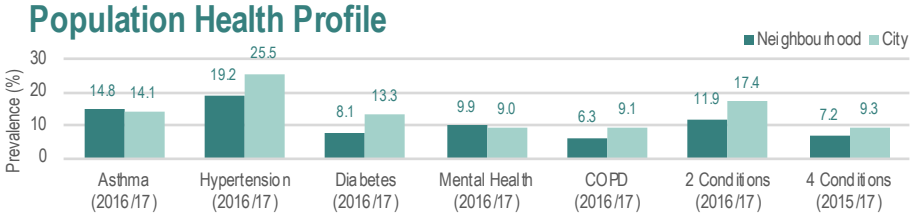
**Need (2026)** 33,590 Visits

**Future State Gap (2026)** -13,020 Visits

**Capacity (2026)** 20,570 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 2,045 | 965 | 5,800 | 1,245 |
| 20.3 % | 9.6 % | 57.6 % | 12.4 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 10,070 | *Neigh:* 0.15 % - 0.23 % |
| 2021 | 10,173 - 10,185 | *City:* 1.60 % - 2.50 % |
| 2026 | 10,275 - 10,300 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 1 | 4 |
| Residential Instability | 1 | 5 |
| Dependency | 1 | 1 |
| Ethnic Concentration | 1 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 29,283 Non-Resident Visits

**Yearly Outgoing Demand:** 35,571 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 70.0 | 71.6 |
| ACSC Hospitalization / 100,000 | 156.6 | 244.4 |
| Low Urgency ED (%) | 104.2 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

Average Weekly Hours Available

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 56 | 8 | 0 | 29 | 10 | 0 | 304 | 169 | 0 | 50 | 0 | 0 | 1 |
| 2017 | 28 | 13 | 0 | 35 | 10 | 11 | 271 | 214 | 0 | 62 | 40 | 0 | 13 |
| 2018 | 66 | 0 | 0 | 21 | 10 | 6 | 189 | 232 | 0 | 73 | 0 | 0 | 10 |

# Primary Care Workforce Planning

*Service Requirements Module: Runnymede-Bloor West Village*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

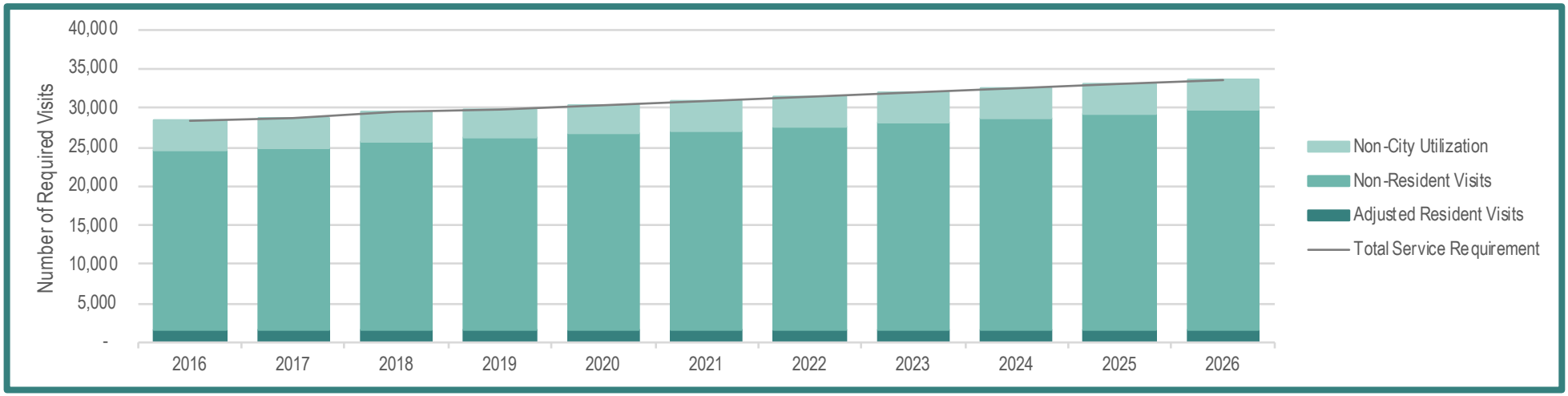
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

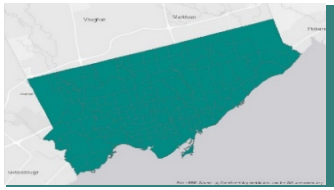
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 10,745 | 10,768 | 10,790 | 10,813 | 10,835 | 10,858 | 10,880 | 10,903 | 10,925 | 10,948 | 10,970 |
| Resident Visits | 36,865 | 36,898 | 37,019 | 37,097 | 37,174 | 37,251 | 37,328 | 37,405 | 37,483 | 37,560 | 37,637 |
| Proportion of Care Accessed Within Home Neighbourhood | 4.5% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 1,659 | 1,660 | 1,666 | 1,669 | 1,673 | 1,676 | 1,680 | 1,683 | 1,687 | 1,690 | 1,694 |
| Non-Resident Visits | 22,941 | 23,185 | 23,977 | 24,494 | 25,012 | 25,530 | 26,048 | 26,565 | 27,083 | 27,601 | 28,118 |
| Non-City Utilization | 3,778 | | | | | | | | | | |
| **Total Service Requirement** | **28,378** | **28,623** | **29,420** | **29,942** | **30,463** | **30,984** | **31,505** | **32,027** | **32,548** | **33,069** | **33,590** |



# Primary Care Workforce Planning

*Service Capacity Module: Runnymede-Bloor West Village*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

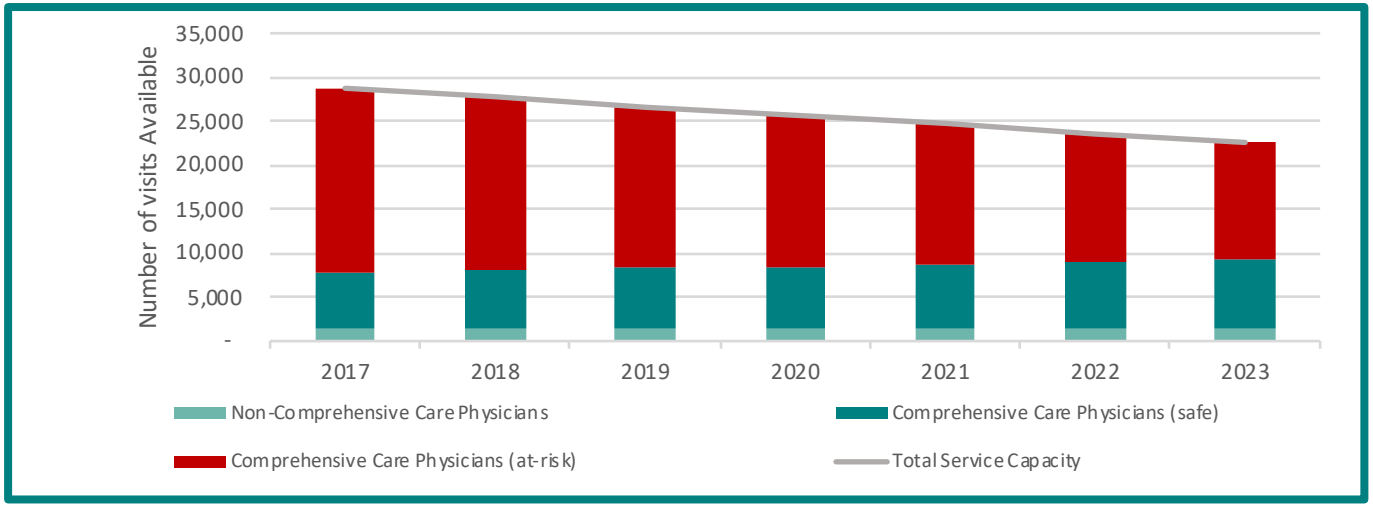
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

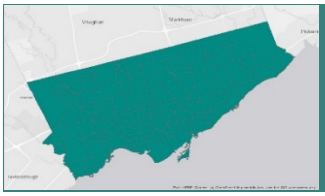
**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians




| Allied Health Professionals<br>*Average Weekly Hours Available* | | | |
|---|---|---|---|
| **Profession** | **2016** | **2017** | **2018** |
| Chiropodists | 56 | 28 | 66 |
| Dieticians | 8 | 13 | 0 |
| Midwives | 0 | 0 | 0 |
| NPs | 29 | 35 | 21 |
| OTs | 10 | 10 | 10 |
| Optometrists | 0 | 11 | 6 |
| Pharmacists | 304 | 271 | 189 |
| PTs | 169 | 214 | 232 |
| Psychologists | 0 | 0 | 0 |
| RNs | 50 | 62 | 73 |
| RPNs | 0 | 40 | 0 |
| RTs | 0 | 0 | 0 |
| SLPs | 1 | 13 | 10 |

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 6,467 | 6,707 | 6,947 | 7,187 | 7,427 | 7,667 | 7,907 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 20,948 | 19,681 | 18,414 | 17,147 | 15,880 | 14,613 | 13,346 |
| Non-Comprehensive Care Physicians' Service Capacity | 1,335 | | | | | | |
| Total Service Capacity | 28,750 | 27,723 | 26,696 | 25,669 | 24,642 | 23,615 | 22,588 |

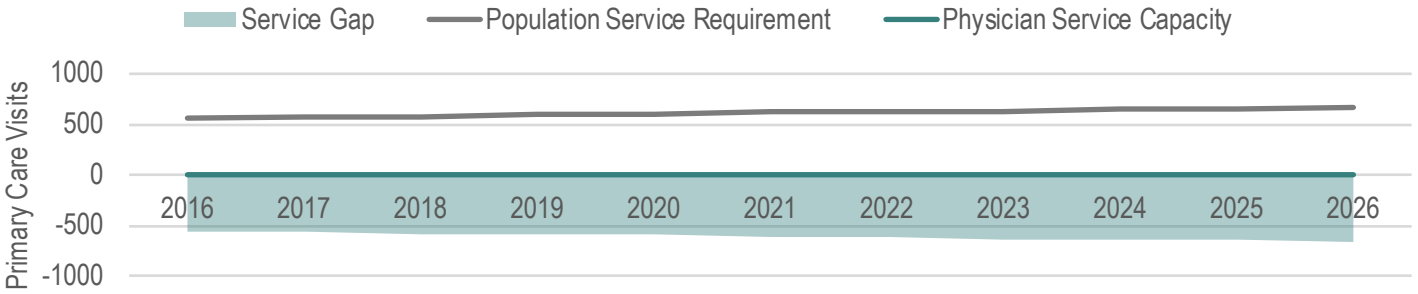


# Primary Care Workforce Planning

*Neighbourhood Profile: Junction Area*

Ontario Health Toronto

uOttawa



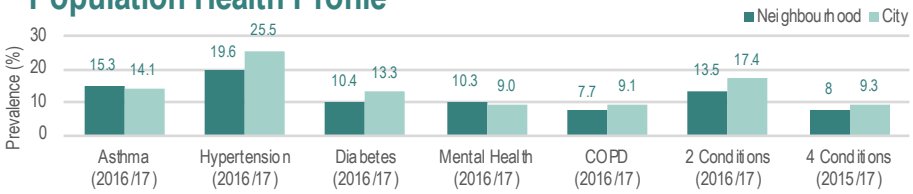

| Need (2021) | Current State Gap (2021) | Capacity (2021) |
|---|---|---|
| 614 Visits | -614 Visits | 0 Visits |

| Need (2026) | Future State Gap (2026) | Capacity (2026) |
|---|---|---|
| 667 Visits | -667 Visits | 0 Visits |

## Population (2016)

| Children | Youth | Working Age | Seniors |
|---|---|---|---|
| 2,185 | 1,470 | 9,195 | 1,520 |
| 15.2 % | 10.2 % | 63.9 % | 10.6 % |

## Population Health Profile




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 14,366 | *Neigh:* 2.14 % - 3.36 % |
| 2021 | 16,517 - 16,778 | *City:* 1.60 % - 2.50 % |
| 2026 | 18,668 - 19,190 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 2 | 4 |
| Residential Instability | 4 | 5 |
| Dependency | 1 | 1 |
| Ethnic Concentration | 2 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 613 Non-Resident Visits

**Yearly Outgoing Demand:** 60,547 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 67.5 | 71.6 |
| ACSC Hospitalization / 100,000 | 252.7 | 244.4 |
| Low Urgency ED (%) | 118.1 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 0 |
| 2017 | 0 |

Average Weekly Hours Available

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 0 | 13 | 0 | 0 | 1 | 0 | 171 | 20 | 85 | 31 | 0 | 0 | 0 |
| 2017 | 13 | 3 | 0 | 0 | 0 | 78 | 262 | 41 | 85 | 17 | 0 | 0 | 0 |
| 2018 | 0 | 8 | 0 | 0 | 0 | 75 | 222 | 32 | 85 | 19 | 8 | 0 | 0 |

# Primary Care Workforce Planning

*Service Requirements Module: Junction Area*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

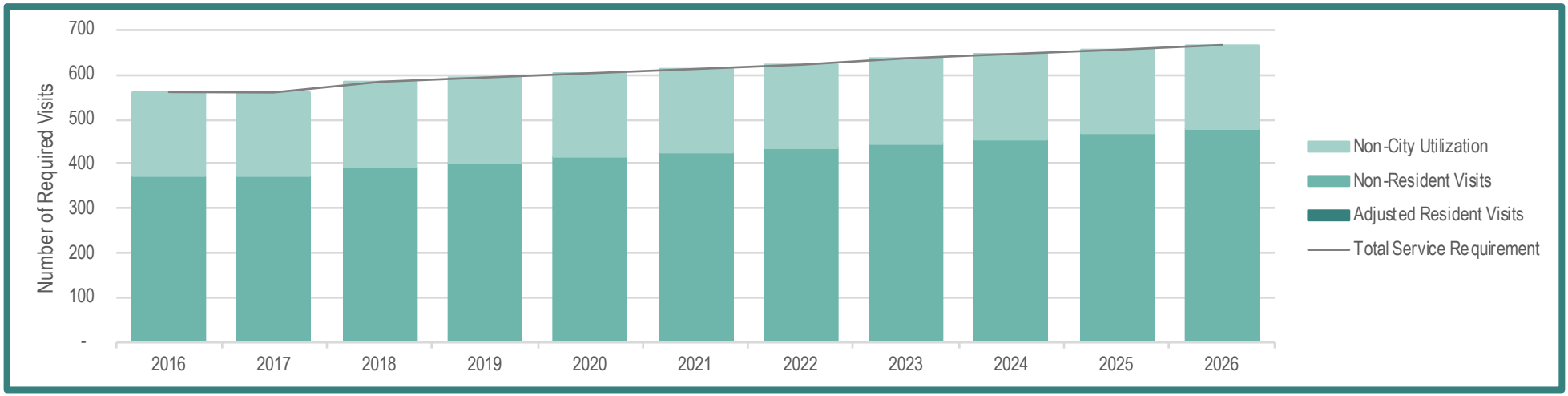
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

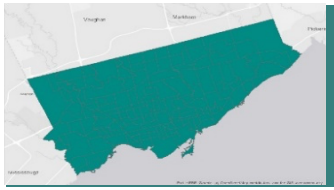
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 14,878 | 15,352 | 15,827 | 16,301 | 16,776 | 17,250 | 17,724 | 18,199 | 18,673 | 19,148 | 19,622 |
| Resident Visits | 52,319 | 52,736 | 55,656 | 57,324 | 58,992 | 60,660 | 62,329 | 63,997 | 65,665 | 67,333 | 69,002 |
| Proportion of Care Accessed Within Home Neighbourhood | 0.0% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Resident Visits | 372 | 373 | 393 | 404 | 414 | 425 | 435 | 446 | 456 | 467 | 478 |
| Non-City Utilization | 189 | | | | | | | | | | |
| **Total Service Requirement** | **561** | **562** | **582** | **593** | **603** | **614** | **624** | **635** | **645** | **656** | **667** |



# Primary Care Workforce Planning

*Service Capacity Module: Junction Area*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

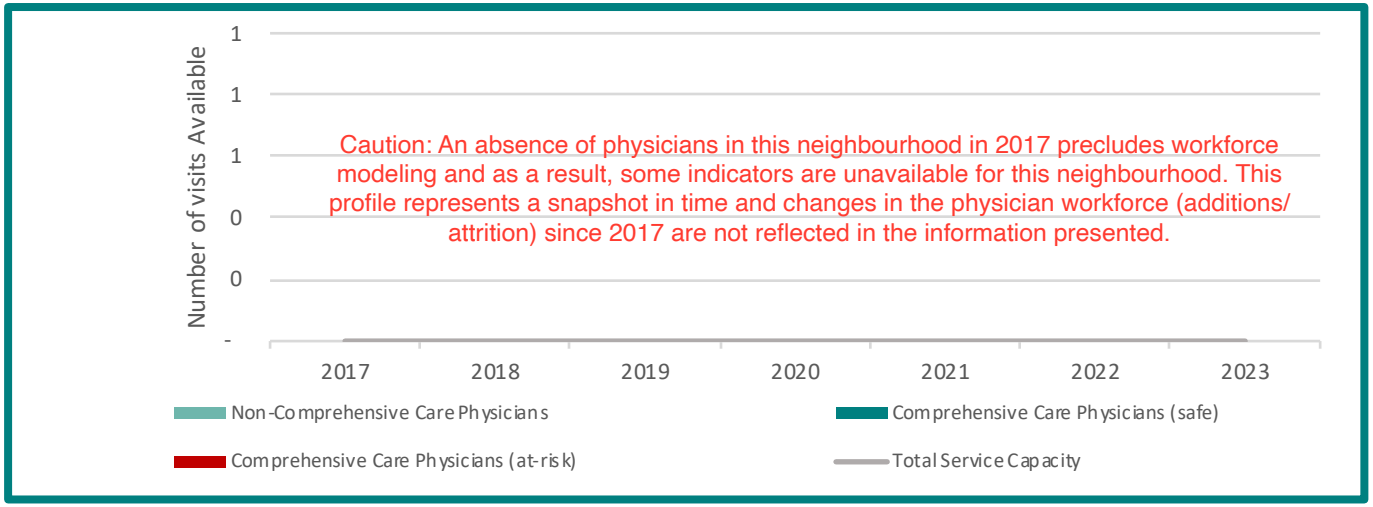
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



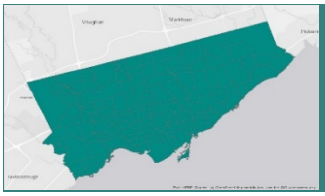

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 0 |
| 2017 | 0 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Comprehensive Care Physicians' Service Capacity | | | | 0 | | | |
| Total Service Capacity | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 0 | 13 | 0 |
| Dieticians | 13 | 3 | 8 |
| Midwives | 0 | 0 | 0 |
| NPs | 0 | 0 | 0 |
| OTs | 1 | 0 | 0 |
| Optometrists | 0 | 78 | 75 |
| Pharmacists | 171 | 262 | 222 |
| PTs | 20 | 41 | 32 |
| Psychologists | 85 | 85 | 85 |
| RNs | 31 | 17 | 19 |
| RPNs | 0 | 0 | 8 |
| RTs | 0 | 0 | 0 |
| SLPs | 0 | 0 | 0 |

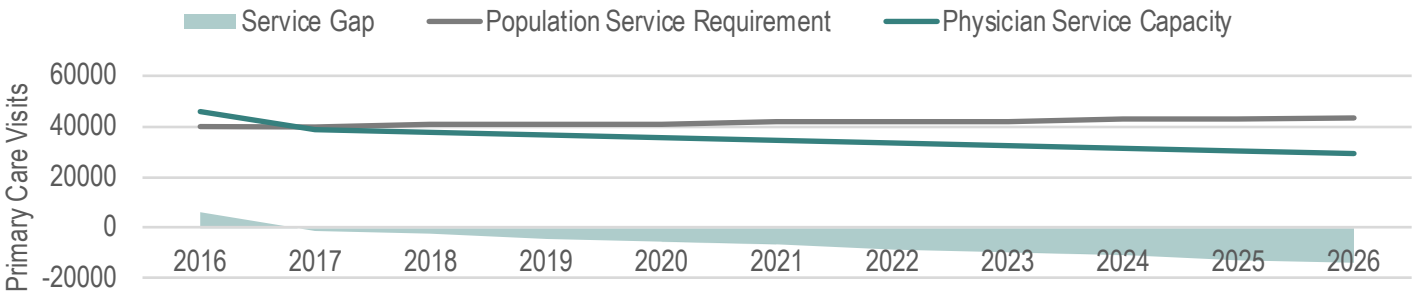


# Primary Care Workforce Planning

*Neighbourhood Profile: Rockcliffe-Smythe*

Ontario Health Toronto

uOttawa




**Need (2021)** 41,587 Visits

**Current State Gap (2021)** -7,159 Visits

**Capacity (2021)** 34,428 Visits

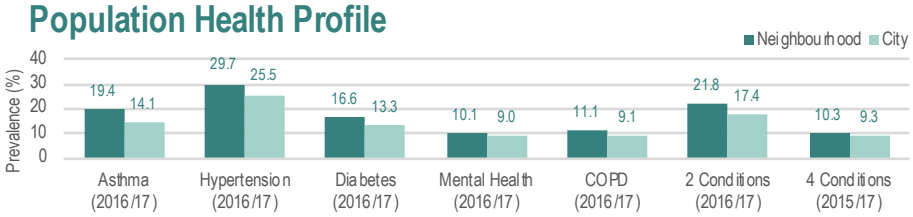
**Need (2026)** 43,293 Visits

**Future State Gap (2026)** -14,105 Visits

**Capacity (2026)** 29,188 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 3,510 | 2,745 | 12,370 | 3,635 |
| 15.8 % | 12.3 % | 55.6 % | 16.3 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 22,246 | *Neigh:* 0.16 % - 0.24 % |
| 2021 | 22,493 - 22,513 | *City:* 1.60 % - 2.50 % |
| 2026 | 22,740 - 22,780 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 5 | 4 |
| Residential Instability | 3 | 5 |
| Dependency | 4 | 1 |
| Ethnic Concentration | 3 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 27,063 Non-Resident Visits

**Yearly Outgoing Demand:** 75,636 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 65.0 | 71.6 |
| ACSC Hospitalization / 100,000 | 303.6 | 244.4 |
| Low Urgency ED (%) | 95.3 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 8 |
| 2017 | 7 |

Average Weekly Hours Available

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 0 | 0 | 0 | 48 | 14 | 0 | 349 | 21 | 7 | 49 | 0 | 0 | 0 |
| 2017 | 0 | 19 | 0 | 27 | 0 | 35 | 255 | 42 | 7 | 57 | 21 | 0 | 0 |
| 2018 | 0 | 18 | 0 | 28 | 0 | 23 | 121 | 0 | 7 | 64 | 0 | 0 | 0 |

# Primary Care Workforce Planning

*Service Requirements Module: Rockcliffe-Smythe*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

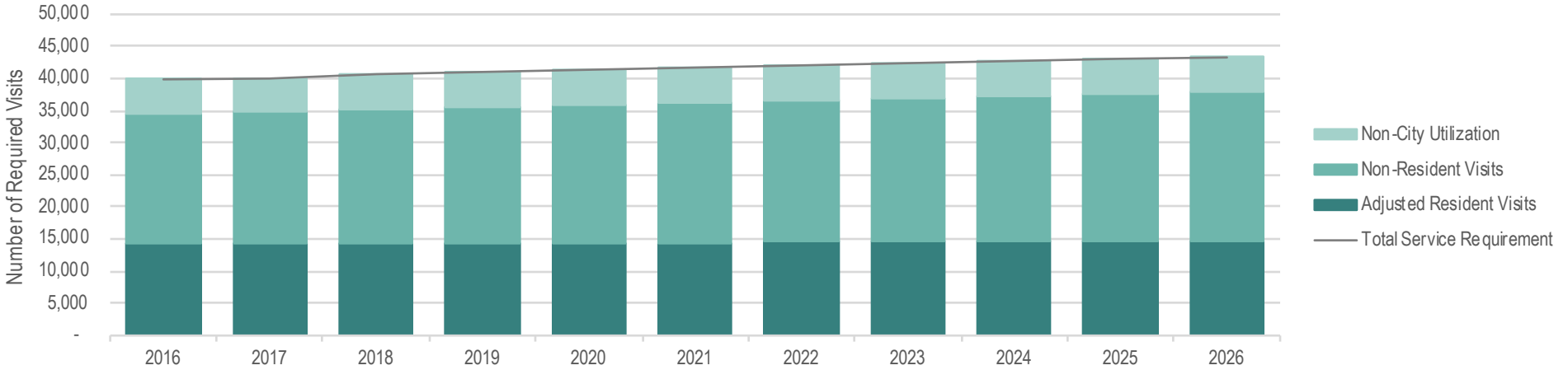
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

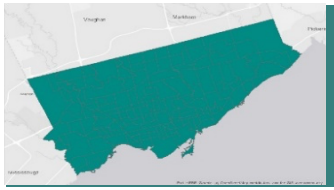
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 23,513 | 23,566 | 23,620 | 23,673 | 23,727 | 23,780 | 23,833 | 23,887 | 23,940 | 23,994 | 24,047 |
| Resident Visits | 89,102 | 89,703 | 89,507 | 89,709 | 89,911 | 90,114 | 90,316 | 90,519 | 90,721 | 90,923 | 91,126 |
| Proportion of Care Accessed Within Home Neighbourhood | 16.1% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 14,345 | 14,442 | 14,411 | 14,443 | 14,476 | 14,508 | 14,541 | 14,573 | 14,606 | 14,639 | 14,671 |
| Non-Resident Visits | 20,204 | 20,344 | 20,821 | 21,130 | 21,439 | 21,747 | 22,056 | 22,364 | 22,673 | 22,982 | 23,290 |
| Non-City Utilization | 5,331 | | | | | | | | | | |
| **Total Service Requirement** | **39,881** | **40,117** | **40,563** | **40,904** | **41,245** | **41,587** | **41,928** | **42,269** | **42,610** | **42,951** | **43,293** |



# Primary Care Workforce Planning

*Service Capacity Module: Rockcliffe-Smythe*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

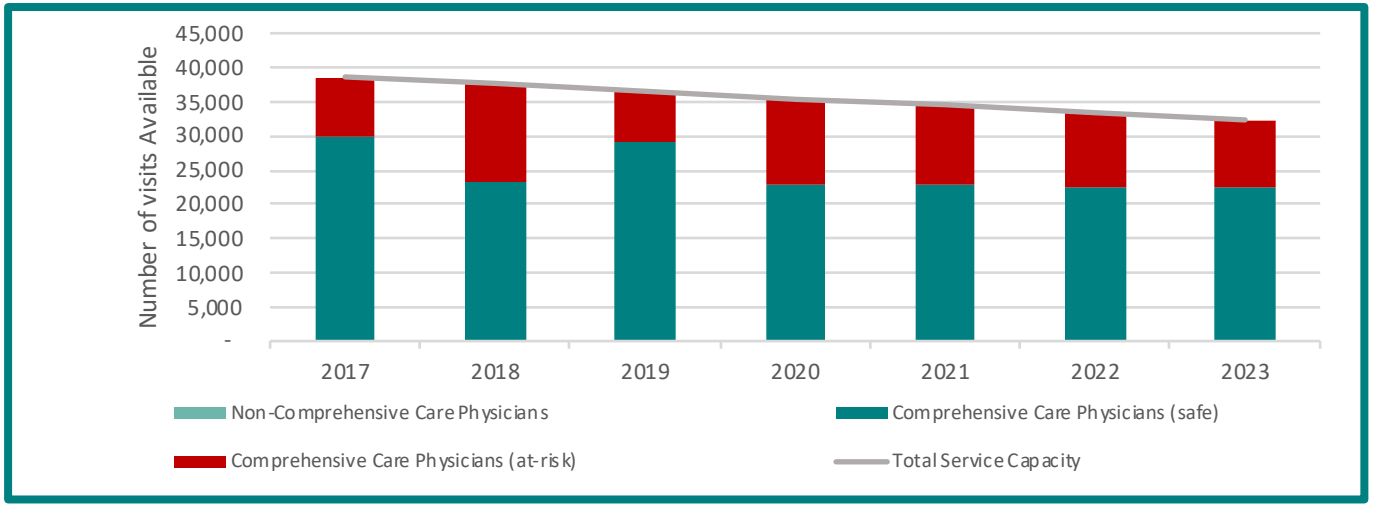
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



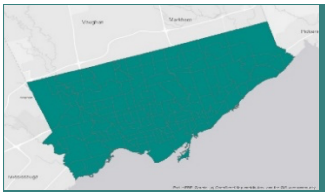

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 8 |
| 2017 | 7 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 30,031 | 23,325 | 29,095 | 22,913 | 22,707 | 22,501 | 22,295 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 8,589 | 14,247 | 7,429 | 12,563 | 11,721 | 10,879 | 10,037 |
| Non-Comprehensive Care Physicians' Service Capacity | 0 | | | | | | |
| Total Service Capacity | 38,620 | 37,572 | 36,524 | 35,476 | 34,428 | 33,380 | 32,332 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 0 | 0 | 0 |
| Dieticians | 0 | 19 | 18 |
| Midwives | 0 | 0 | 0 |
| NPs | 48 | 27 | 28 |
| OTs | 14 | 0 | 0 |
| Optometrists | 0 | 35 | 23 |
| Pharmacists | 349 | 255 | 121 |
| PTs | 21 | 42 | 0 |
| Psychologists | 7 | 7 | 7 |
| RNs | 49 | 57 | 64 |
| RPNs | 0 | 21 | 0 |
| RTs | 0 | 0 | 0 |
| SLPs | 0 | 0 | 0 |



# Primary Care Workforce Planning

*Neighbourhood Profile: Lambton Baby Point*

Ontario Health Toronto

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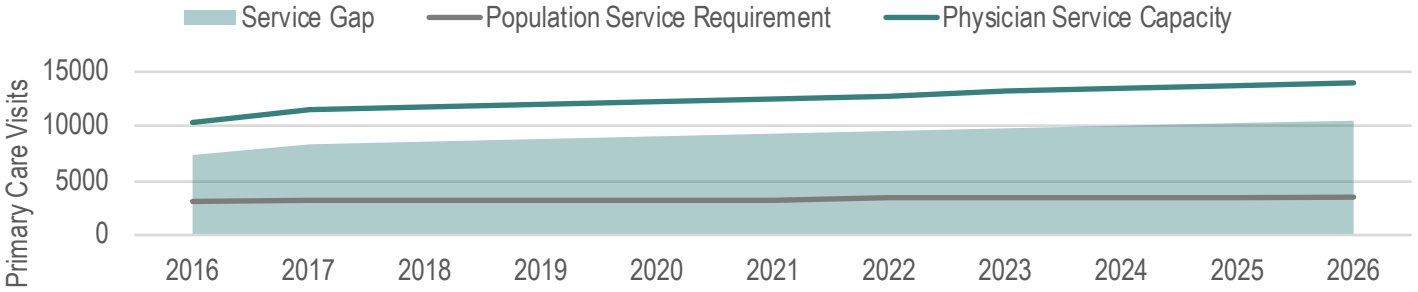



**Need (2021)** 3,282 Visits

**Current State Gap (2021)** +9,298 Visits

**Capacity (2021)** 12,580 Visits

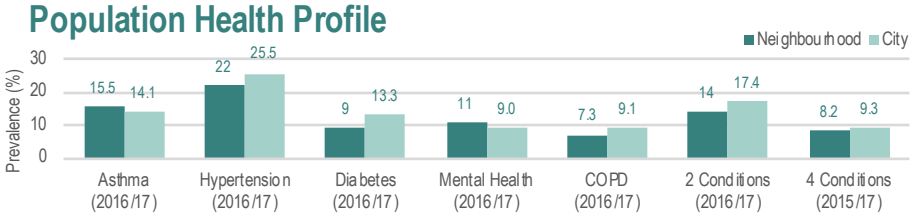
**Need (2026)** 3,479 Visits

**Future State Gap (2026)** +10,506 Visits

**Capacity (2026)** 13,985 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 1,695 | 885 | 4,375 | 1,030 |
| 21.2 % | 11.1 % | 54.8 % | 12.9 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 7,985 | *Neigh:* 0.43 % - 0.68 % |
| 2021 | 8,228 - 8,255 | *City:* 1.60 % - 2.50 % |
| 2026 | 8,470 - 8,525 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 4 | 4 |
| Residential Instability | 2 | 5 |
| Dependency | 1 | 1 |
| Ethnic Concentration | 2 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 3,220 Non-Resident Visits

**Yearly Outgoing Demand:** 30,496 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 69.0 | 71.6 |
| ACSC Hospitalization / 100,000 | 214.0 | 244.4 |
| Low Urgency ED (%) | 111.2 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

**Average Weekly Hours Available**

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 2018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 29 |

# Primary Care Workforce Planning

*Service Requirements Module: Lambton Baby Point*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

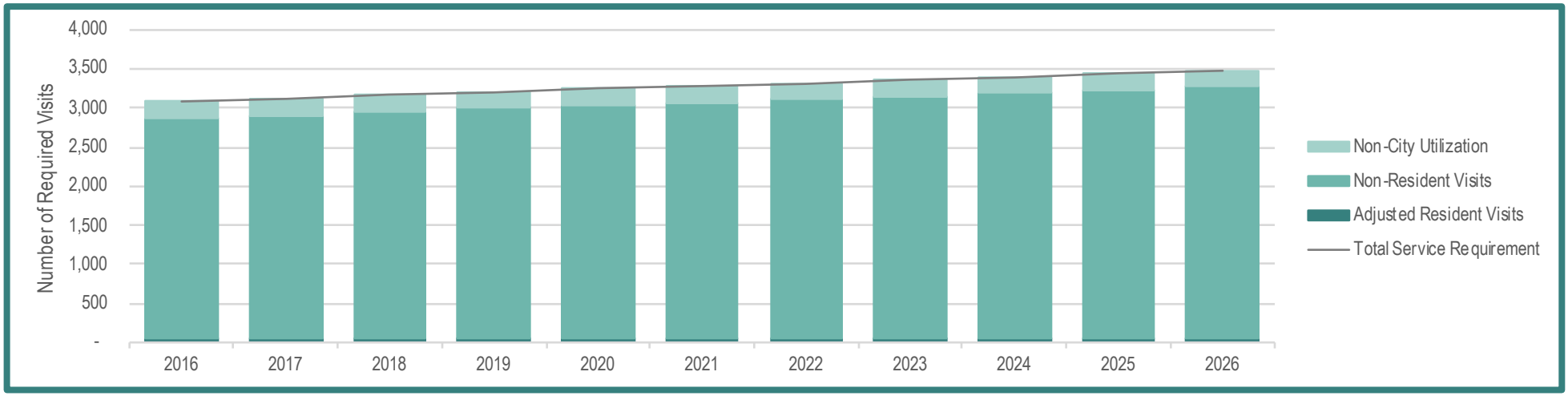
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

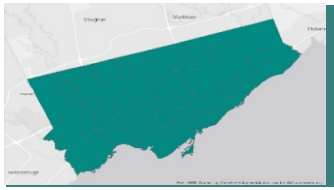
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 8,524 | 8,578 | 8,631 | 8,685 | 8,738 | 8,792 | 8,845 | 8,899 | 8,952 | 9,006 | 9,059 |
| Resident Visits | 29,645 | 29,632 | 30,017 | 30,203 | 30,389 | 30,576 | 30,762 | 30,948 | 31,134 | 31,320 | 31,506 |
| Proportion of Care Accessed Within Home Neighbourhood | 0.2% | | | | | | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 59 | 59 | 60 | 60 | 61 | 61 | 62 | 62 | 62 | 63 | 63 |
| Non-Resident Visits | 2,820 | 2,845 | 2,898 | 2,937 | 2,976 | 3,015 | 3,054 | 3,093 | 3,132 | 3,171 | 3,210 |
| Non-City Utilization | 206 | | | | | | | | | | |
| **Total Service Requirement** | **3,085** | **3,110** | **3,164** | **3,203** | **3,243** | **3,282** | **3,321** | **3,361** | **3,400** | **3,439** | **3,479** |



# Primary Care Workforce Planning

*Service Capacity Module: Lambton Baby Point*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

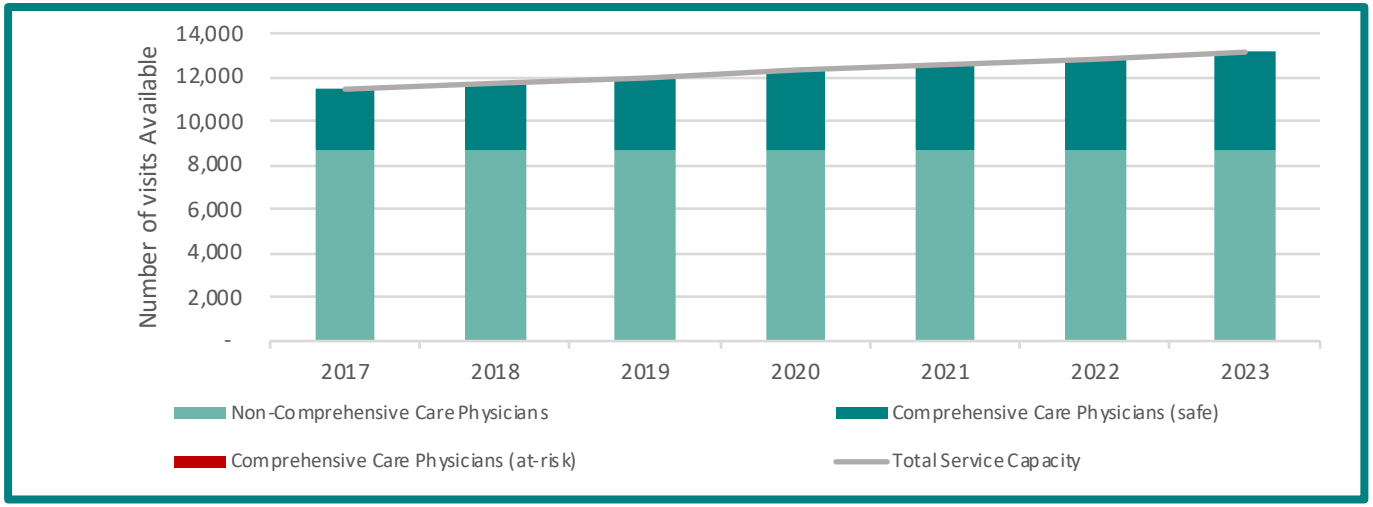
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



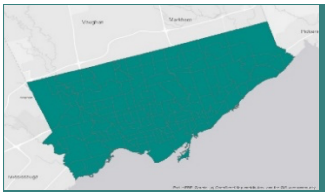

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | (1-5) |
| 2017 | (1-5) |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 2,762 | 3,043 | 3,324 | 3,605 | 3,886 | 4,167 | 4,448 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-Comprehensive Care Physicians' Service Capacity | 8,694 | | | | | | |
| Total Service Capacity | 11,456 | 11,737 | 12,018 | 12,299 | 12,580 | 12,861 | 13,142 |

**Allied Health Professionals**

*Average Weekly Hours Available*

| Profession | 2016 | 2017 | 2018 |
|---|---|---|---|
| Chiropodists | 27 | 0 | 0 |
| Dieticians | 0 | 0 | 0 |
| Midwives | 0 | 0 | 0 |
| NPs | 0 | 0 | 0 |
| OTs | 0 | 0 | 0 |
| Optometrists | 0 | 0 | 0 |
| Pharmacists | 0 | 0 | 0 |
| PTs | 0 | 0 | 0 |
| Psychologists | 0 | 0 | 0 |
| RNs | 0 | 0 | 0 |
| RPNs | 0 | 0 | 6 |
| RTs | 0 | 0 | 0 |
| SLPs | 31 | 30 | 29 |

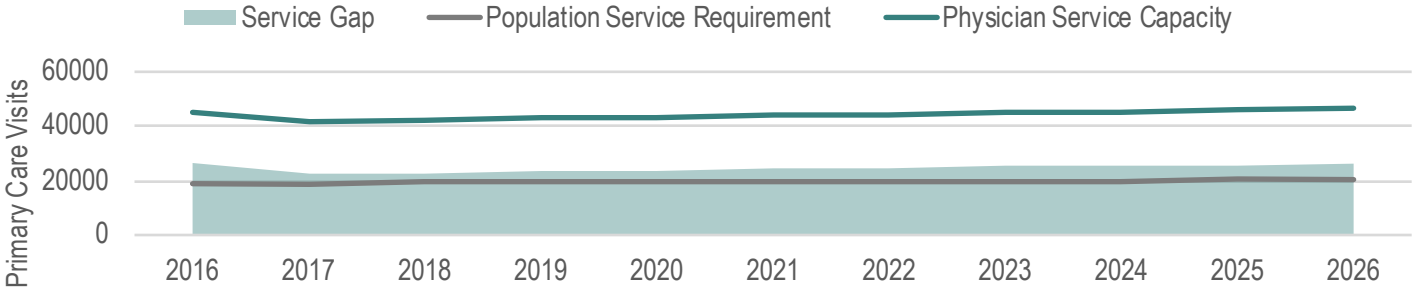


# Primary Care Workforce Planning

*Neighbourhood Profile: Mount Dennis*

Ontario Health Toronto

uOttawa




**Need (2021)** 19,622 Visits

**Current State Gap (2021)** +24,240 Visits

**Capacity (2021)** 43,862 Visits

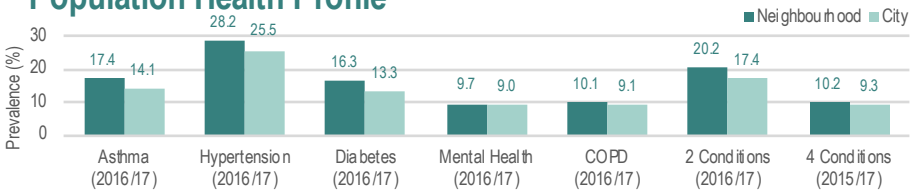
**Need (2026)** 20,375 Visits

**Future State Gap (2026)** +26,237 Visits

**Capacity (2026)** 46,612 Visits

## Population Health Profile

| Population (2016) | | | |
|---|---|---|---|
| Children | Youth | Working Age | Seniors |
| 2,390 | 1,805 | 7,680 | 1,685 |
| 17.6 % | 13.3 % | 56.5 % | 12.4 % |




## Population Growth

| Year | Population Estimates (Low-High) | Estimated Yearly Growth |
|---|---|---|
| 2016 | 13,593 | *Neigh:* 0.09 % - 0.13 % |
| 2021 | 13,676 - 13,684 | *City:* 1.60 % - 2.50 % |
| 2026 | 13,758 - 13,775 | |

## Ontario Marginalization Index (2016)

| Indicator | Neigh. Quintile | City Quintile |
|---|---|---|
| Material Deprivation | 5 | 4 |
| Residential Instability | 4 | 5 |
| Dependency | 2 | 1 |
| Ethnic Concentration | 4 | 5 |

## Spatial Patterns of Utilization

**Yearly Incoming Demand:** 16,771 Non-Resident Visits

**Yearly Outgoing Demand:** 50,850 Resident Visits

## Unmet Need for Primary Care

| Indicator | Neigh. | City |
|---|---|---|
| PEM Attachment (%) | 69.9 | 71.6 |
| ACSC Hospitalization / 100,000 | 357.9 | 244.4 |
| Low Urgency ED (%) | 84.3 | 81.5 |

## Primary Care Workforce Profile

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 9 |
| 2017 | 8 |

Average Weekly Hours Available

| Year | Chiropodists | Dieticians | Midwives | NPs | OTs | Optometrists | Pharmacists | PTs | Psychologists | RNs | RPNs | RTs | SLPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2016 | 26 | 31 | 0 | 0 | 24 | 0 | 53 | 20 | 0 | 498 | 618 | 0 | 10 |
| 2017 | 19 | 20 | 0 | 0 | 17 | 48 | 3 | 32 | 0 | 467 | 656 | 511 | 17 |
| 2018 | 19 | 2 | 0 | 0 | 10 | 48 | 53 | 76 | 0 | 441 | 831 | 315 | 8 |

# Primary Care Workforce Planning

*Service Requirements Module: Mount Dennis*

Ontario Health

uOttawa

## Examine the Sources of Service Requirements at a Neighbourhood Level

### Total Service Requirements =

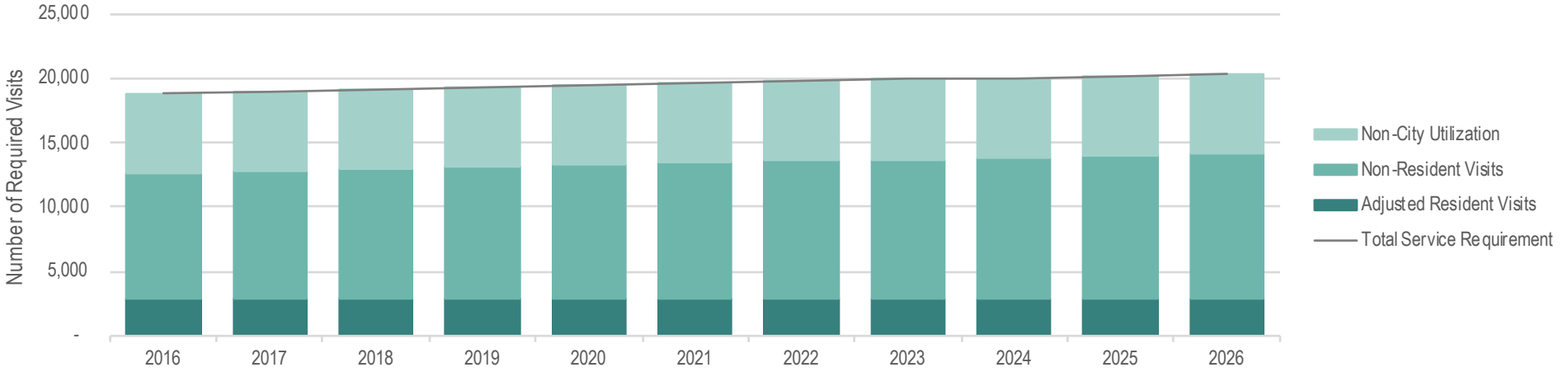
**1 - Resident Visits:** Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization

**+**

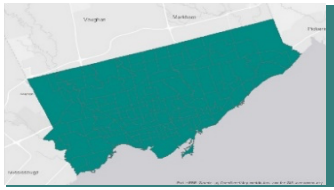
**2 - Non-Resident Visits:** Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization

**+**

**3 - Non-City Utilization:** Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization




| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Residents | 14,376 | 14,394 | 14,412 | 14,431 | 14,449 | 14,467 | 14,485 | 14,503 | 14,522 | 14,540 | 14,558 |
| Resident Visits | 53,351 | 53,503 | 53,486 | 53,553 | 53,621 | 53,688 | 53,756 | 53,824 | 53,891 | 53,959 | 54,026 |
| Proportion of Care Accessed Within Home Neighbourhood | | | | | | 5.3% | | | | | |
| Resident Visits Adjusted for Spatial Patterns of Utilization | 2,828 | 2,836 | 2,835 | 2,838 | 2,842 | 2,845 | 2,849 | 2,853 | 2,856 | 2,860 | 2,863 |
| Non-Resident Visits | 9,870 | 9,949 | 10,164 | 10,311 | 10,458 | 10,605 | 10,752 | 10,899 | 11,046 | 11,193 | 11,340 |
| Non-City Utilization | | | | | | 6,172 | | | | | |
| **Total Service Requirement** | **18,870** | **18,957** | **19,171** | **19,321** | **19,472** | **19,622** | **19,773** | **19,923** | **20,074** | **20,225** | **20,375** |



# Primary Care Workforce Planning

*Service Capacity Module: Mount Dennis*

Ontario Health

uOttawa

## Examine the Sources of Service Capacity at a Neighbourhood Level

### Total Service Capacity =

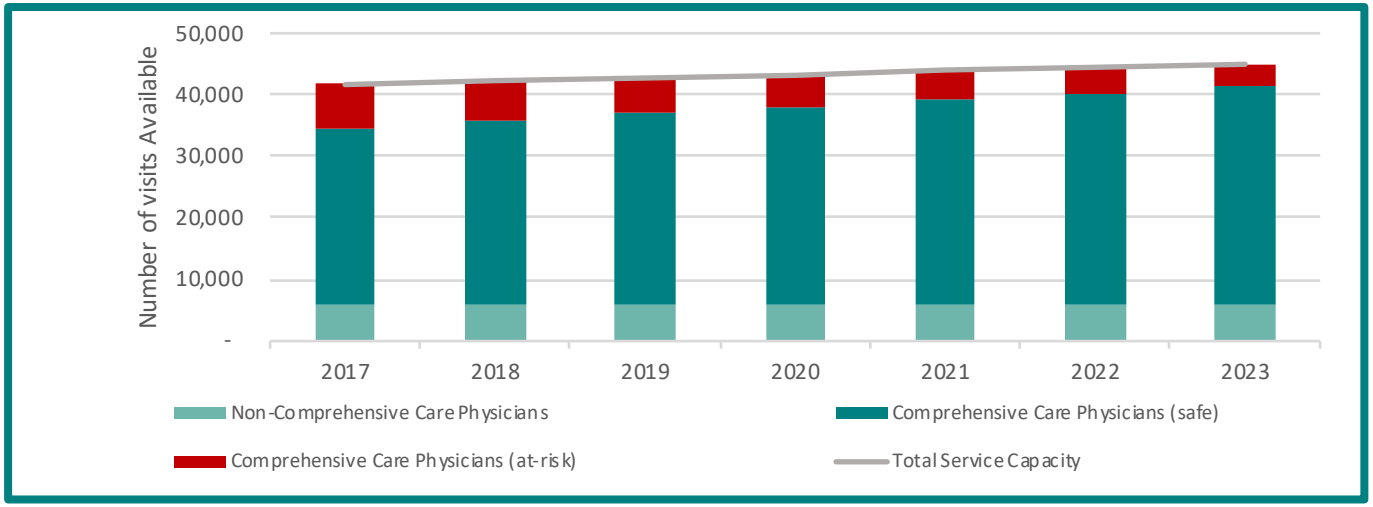
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**Comprehensive Care Physicians' At-Risk Service Capacity:** Estimated number of services provided by comprehensive care physicians who are considered to be at risk of exit from the workforce

+

**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians




| Allied Health Professionals *Average Weekly Hours Available* | | | |
|---|---|---|---|
| Profession | 2016 | 2017 | 2018 |
| Chiropodists | 26 | 19 | 19 |
| Dieticians | 31 | 20 | 2 |
| Midwives | 0 | 0 | 0 |
| NPs | 0 | 0 | 0 |
| OTs | 24 | 17 | 10 |
| Optometrists | 0 | 48 | 48 |
| Pharmacists | 53 | 3 | 53 |
| PTs | 20 | 32 | 76 |
| Psychologists | 0 | 0 | 0 |
| RNs | 498 | 467 | 441 |
| RPNs | 618 | 656 | 831 |
| RTs | 0 | 511 | 315 |
| SLPs | 10 | 17 | 8 |

| Number of Comprehensive Primary Care Physicians | |
|---|---|
| 2016 | 9 |
| 2017 | 8 |

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|---|
| Comprehensive Care Physicians' Safe Service Capacity | 28,570 | 29,700 | 30,830 | 31,960 | 33,090 | 34,220 | 35,350 |
| Comprehensive Care Physicians' At-Risk Service Capacity | 7,013 | 6,433 | 5,853 | 5,273 | 4,693 | 4,113 | 3,533 |
| Non-Comprehensive Care Physicians' Service Capacity | 6,079 | | | | | | |
| Total Service Capacity | 41,662 | 42,212 | 42,762 | 43,312 | 43,862 | 44,412 | 44,962 |

# Toronto Region Primary Care Workforce Planning Toolkit

## Technical Notes – Neighbourhood & Subregion Packages

### Project Description

The Toronto Region Primary Care Workforce Planning Toolkit is a fit-for-purpose toolkit to support integrated primary care workforce planning in the Toronto Region. The toolkit is the result of a collaboration between the Health Analytics team at Ontario Health Toronto and consultants from the Canadian Health Workforce Network. A partnership with the City of Toronto, as well as extensive consultation with stakeholders, decision-makers, leaders, and frontline workers in Toronto, informed the development of the toolkit.

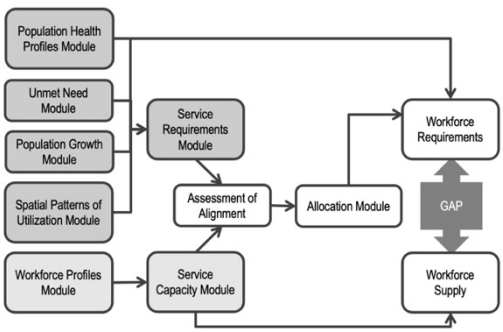
The toolkit provides a body of evidence around the current (and projected future) states of population health needs and primary care service provision at a neighbourhood level within the City of Toronto. The goal of the toolkit is to support evidence-based decision-making, particularly with regards to deployment of the primary care workforce and other health system resources. The toolkit looks at population needs and workforce capacity at the neighbourhood, sub-region, and whole city levels. It takes into account variations in population needs, workforce service capacity, and existing assets, and also addresses challenges specific to Toronto, such as patient mobility, anticipated rapid population growth, and physician retirement.

### Methodology

The toolkit is composed of a series of modules that assemble information about primary care in the City of Toronto:

- The **Population Health Profiles Module** captures characteristics of the population that impact the need for primary care services.
- The **Population Growth Module** captures neighbourhood-level population growth projections generated by the City of Toronto, allowing us to adjust service requirements to account for anticipated population growth.
- The **Spatial Patterns of Utilization Module** captures a snapshot of primary care utilization patterns and allows us to adjust service requirements to account for patients' care-seeking behaviours.
- The **Unmet Need Module** captures information related to neighbourhood-level unmet healthcare need, which can contribute to an adjustment of service requirements.
- The **Service Requirements Module** estimates primary care service requirements using the CIHI Population Grouping Methodology.
- The **Workforce Profiles Module** captures information about the primary care workforce – including physicians and chiropodists, dieticians, midwives, nurse practitioners, optometrists, occupational therapists, pharmacists, psychologists, physiotherapists, registered nurses, registered practical nurses, respiratory therapists, and speech-language pathologists – practicing in each neighbourhood.
- The **Service Capacity Module** estimates the capacity of the workforce to provide primary care services.

Outputs from these modules are synthesized and summarized in the three static dashboards – Neighbourhood Profiles, Service Requirements, and Service Capacity – that are included in the neighbourhood and subregion packages.




This information is a starting point for local stakeholders wishing to better understand the primary care landscape in their communities. Interpretation of these outputs should consider the local context (factors related to both the community and the local workforce). Engagement and consultation with local stakeholders and frontline healthcare providers are essential parts of the planning process.

**Definitions**

**Sub-Regions:** Smaller geographic planning regions within Ontario Regions, developed to help better understand and address patient and population needs at the local level. There are 5 central and 6 peripheral sub-regions in the City of Toronto. One sub-region overlaps with a neighbouring Region and only the part of this sub-region located in Toronto has been included in these analyses. More information about sub-regions is available at http://www.torontocentrallhin.on.ca/forhsps/subregions.aspx.

**Neighbourhoods:** The 140 City of Toronto neighbourhoods were built by the Social Development, Finance & Administration department at the City of Toronto using Statistics Canada Census Tracts. More information about neighbourhoods is available at https://www.toronto.ca/city-government/data-research-maps/neighbourhoods-communities/neighbourhood-profiles/.

**Comprehensive care physician:** Primary care physicians who provide comprehensive care according to the algorithm developed at ICES (https://www.cmajopen.ca/content/5/4/E856).

**Non-comprehensive care physician:** Primary care physicians who practice less than 44 days per year or who otherwise do not meet the criteria to be characterized as providing comprehensive primary care according to the algorithm developed at ICES (https://www.cmajopen.ca/content/5/4/E856).

**Individual-level Service Requirements:** Predicted number of visits to a primary care physician based on clinical and demographic profiles generated by the CIHI Population Grouping Methodology (https://www.cihi.ca/sites/default/files/document/infosheet_popgroupmethod_en_web_0.pdf).

**Neighbourhood-level Service Requirements**: Neighbourhood-level service requirements are a function of the number of visits to a primary care physician required by neighbourhood residents and by residents of other neighbourhoods in the City, adjusted for spatial patterns of utilization, along with the number of visits required by patients from outside the City of Toronto and an estimate of unmet need.

**Total Service Capacity:** Neighbourhood-level service capacity is a function of the estimated number of visits provided by comprehensive care physicians who are not expected to exit the workforce, plus the estimated number of visits provided by comprehensive care physicians who are considered to be at risk of retirement, plus the estimated number of visits provided by non-comprehensive care physicians.

**Physician Service Capacity:** Physician service capacity is estimated on an individual level (based on the total number of visits provided in 2017 (from IPDB)) with adjustment for age-based changes in workload (from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6516703/) and aggregated to the neighbourhood level.

**At-risk Service Capacity:** Visits associated with physicians whose age-based risk of retirement is at least 20%.

**Allied Health Provider:** Allied health providers include Chiropodists, Dieticians, Midwives, Nurse Practitioners, Optometrists, Occupational Therapists, Pharmacists, Psychologists, Physiotherapists, Registered Nurses, Registered Practical Nurses, Respiratory Therapists, and Speech-Language Pathologists.

**Primary Care Activities:** Activities relating directly to primary care include General Service Provision, Continuing Care, Comprehensive Primary Care, Chronic Disease Prevention and Management, Public Health, Mental Health and Addiction, Primary Maternity Care, Geriatric Care, Infectious Disease Prevention and Control, and Palliative Care.

**Average Weekly Hours Available:** The average weekly hours of direct professional services in activities identified as relating directly to primary care, estimated based on past hours worked. Note that this estimate represents normal hours of service that the workforce undertook, not "potential" or "extra" available hours. These are descriptive estimates, not projections, and may not represent future workforce service capacity.

**Sources of Data**

- **Population Health Profiles:** Ontario Community Health Profiles Partnership (OCHPP)
- **Ontario Marginalization Index:** OCHPP
- **Population Growth:** City of Toronto Planning Department
- **Unmet Need:** OCHPP
- **Spatial Patterns of Utilization:** Utilization Matrix generated using data from ICES through an AHRQ request
- **Service Requirements:** CIHI Population Grouping Methodology outputs provided by the Ontario Ministry of Health
- **Primary Care Workforce Profile & Service Capacity (Physicians):** ICES Physician Database (IPDB) accessed through OCHPP
- **Primary Care Workforce Profile & Service Capacity (Other Health Professionals):** Health Professions Database (HPDB) outputs provided by the Ontario Ministry of Health

**Assumptions**

Service requirements are estimated assuming a Medium population growth scenario and a 10-year horizon.

We assume linear residential development and population growth between the base year and the horizon year.

In our baseline scenario, we assume that new residents of a neighbourhood will have a similar profile and service requirements to those currently residing within the neighbourhood.

We adjust for population mobility using a snapshot of spatial patterns of utilization observed in FY 2017/18.

We assume that providers' age-based changes in workload and retirement probabilities will be consistent with those observed in comprehensive primary care physicians practicing in Ontario between 1992 and 2013 (from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6516703/).

**Limitations**

Neighbourhood geographies are not specifically designed for primary care health workforce planning.

Some neighbourhoods are split between subregions. In these cases, neighbourhoods have been assigned to a single subregion as follows:

| Neighbourhood Name (Number) | Split Between Sub-Regions | Assigned To |
|---|---|---|
| Kingsview Village-The Westway (6) | North Etobicoke Malton West Woodbridge & North York West | North Etobicoke Malton West Woodbridge |
| Willowridge-Martingrove-Richview (7) | North Etobicoke Malton West Woodbridge & North York West | North Etobicoke Malton West Woodbridge |
| Islington-City Centre West (14) | South Etobicoke & West Toronto | South Etobicoke |
| Victoria Village (43) | North York Central & East Toronto | East Toronto |
| Leaside-Bennington (56) | North Toronto & Mid-East Toronto | North Toronto |
| South Riverdale (70) | Mid-East Toronto & East Toronto | East Toronto |
| Waterfront Communities-The Island (77) | Mid-West Toronto & Mid-East Toronto | Mid-East Toronto |
| Yonge-St.Clair (97) | Mid-West Toronto & North Toronto | North Toronto |
| Clairlea-Birchmount (120) | East Toronto & Scarborough South | East Toronto |
| Birchcliffe-Cliffside (122) | East Toronto & Scarborough South | East Toronto |

Sub-Region boundaries do not equate to Ontario Health Team (OHT) boundaries, but are used as a proxy to show the approximate catchment area served by OHTs.

Unmet need is currently not accounted for in the estimate of Service Requirements. A process to define quantitative estimates of unmet need through engagement with local stakeholders is in development for operationalization during the next phase of planning.

Estimates of service capacity for physicians are in *visits*, while estimates of service capacity for allied health providers are in *hours per week*.

The information in the HPDB was provided on an "as-is" basis. The data were originally obtained by the Ministry of Health directly from health regulatory Colleges. The Ministry therefore cannot and does not warrant or represent that the information is accurate, complete, reliable or current.

Spatial patterns of utilization and the primary care workforce are not independent; there is an interaction and observed patterns can change over time. For more information about the neighbourhood- and sub-region-level spatial patterns of utilization methodology, results, and visualizations, please contact Ontario Health Toronto.

Due to the data lags associated with the use of administrative data for planning, the most recent year of data input into this planning exercise is for FY 2018/19 and trends that have since emerged are not reflected in our analysis.

Our workforce model projects forward current capacity available within the system and does not model the impact of entry of new health care providers into the workforce. The neighbourhood-level gaps between service capacity and service requirements illustrated in our outputs can be used to identify neighbourhoods where additional resources are required to meet primary care needs.

**Abbreviations**

ACSC – Ambulatory Care Sensitive Condition
AHRQ – Applied Health Research Question
CIHI – Canadian Institute for Health Information
COPD – Chronic Obstructive Pulmonary Disease
ED – Emergency Department
FY – Fiscal Year
NP – Nurse Practitioner
OCHPP – Ontario Community Health Profiles Partnership
OHT – Ontario Health Teams
OT – Occupational Therapist
PEM – Patient Enrolment Model
PT – Physiotherapist
RN – Registered Nurse
RPN – Registered Practical Nurse
RT – Respiratory Therapist
SLP – Speech & Language Pathologist

**Contact**

For more Information, please contact:
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