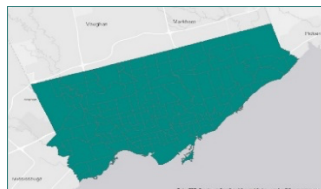


## Sub-Region 705 East Toronto

Neighbourhoods	
43	Victoria Village
44	Flemingdon Park
54	O'Connor-Parkview
55	Thornccliffe Park
57	Broadview North
58	Old East York
59	Danforth-East York
60	Woodbine-Lumsden
61	Taylor-Massey
62	East End-Danforth
63	The Beaches
64	Woodbine Corridor
65	Greenwood-Coxwell
66	Danforth
67	Playter Estates-Danforth
68	North Riverdale
69	Blake-Jones
70	South Riverdale
120	Clairlea-Birchmount
121	Oakridge
122	Birchcliffe-Cliffside





# Primary Care Workforce Planning

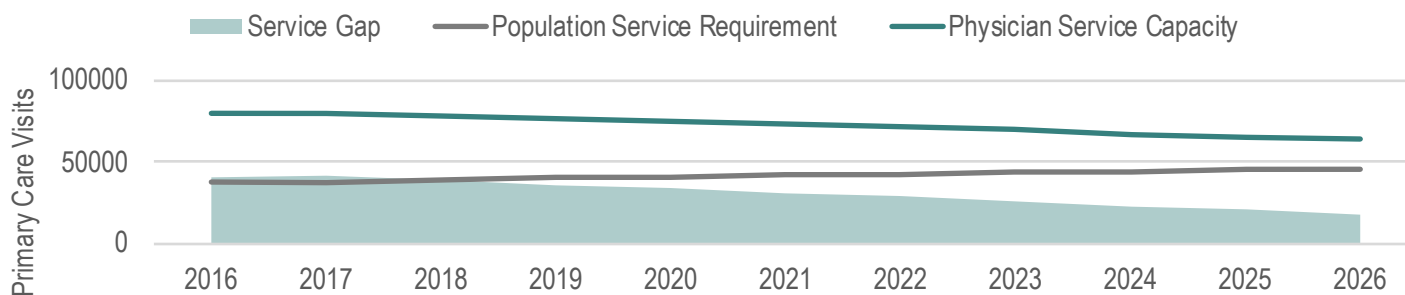
Neighbourhood Profile: Victoria Village



Ontario Health  
Toronto



uOttawa



**Need (2021)**

41,888 Visits

**Current State Gap (2021)**

+31,152 Visits

**Capacity (2021)**

73,040 Visits

**Need (2026)**

45,790 Visits

**Future State Gap (2026)**

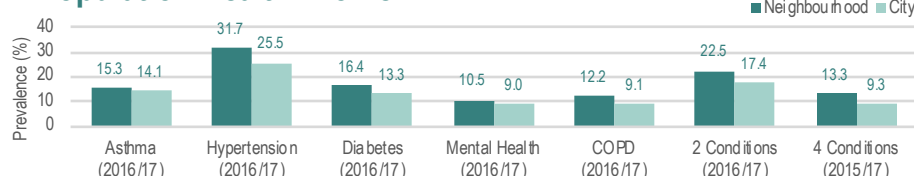
+18,545 Visits

**Capacity (2026)**

64,335 Visits

Population (2016)			
Children	Youth	Working Age	Seniors
2,640	2,065	9,420	3,400
15.1 %	11.8 %	53.8 %	19.4 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	17,510	Neigh: 1.86 % - 2.82 % City: 1.60 % - 2.50 %
2021	19,787 - 19,975	
2026	22,065 - 22,440	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 36,686 Non-Resident Visits

Yearly Outgoing Demand: 72,815 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	71.2	71.6
ACSC Hospitalization / 100,000	304.5	244.4
Low Urgency ED (%)	79.3	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	15		2016	12	0	0	0	15	0	389	18	0	5	29	0	0
2017	11		2017	12	0	0	0	16	39	392	20	0	0	7	0	0
			2018	11	0	0	0	16	40	170	15	0	0	9	0	0



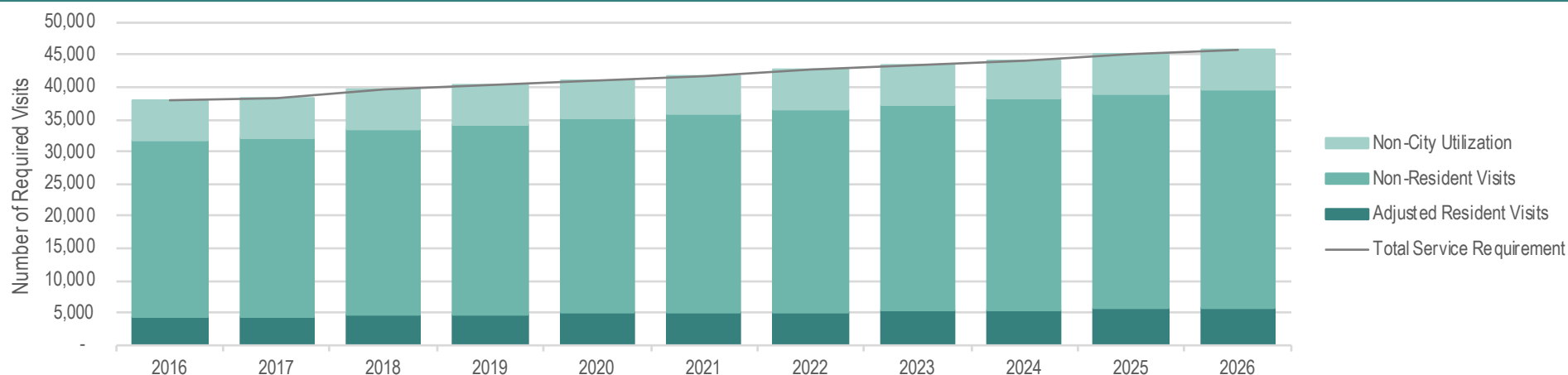
# Primary Care Workforce Planning

## Service Requirements Module: Victoria Village

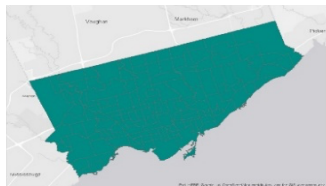
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	17,907	18,398	18,889	19,380	19,871	20,362	20,853	21,344	21,835	22,326	22,817
Resident Visits	68,672	69,162	72,438	74,321	76,204	78,087	79,970	81,853	83,736	85,619	87,502
Proportion of Care Accessed Within Home Neighbourhood	6.6%										
Resident Visits Adjusted for Spatial Patterns of Utilization	4,532	4,565	4,781	4,905	5,029	5,154	5,278	5,402	5,527	5,651	5,775
Non-Resident Visits	27,426	27,547	28,738	29,394	30,050	30,707	31,363	32,019	32,675	33,331	33,987
Non-City Utilization	6,028										
Total Service Requirement	37,986	38,139	39,547	40,328	41,108	41,888	42,669	43,449	44,230	45,010	45,790



# Primary Care Workforce Planning

## Service Capacity Module: Victoria Village

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

#### Total Service Capacity =

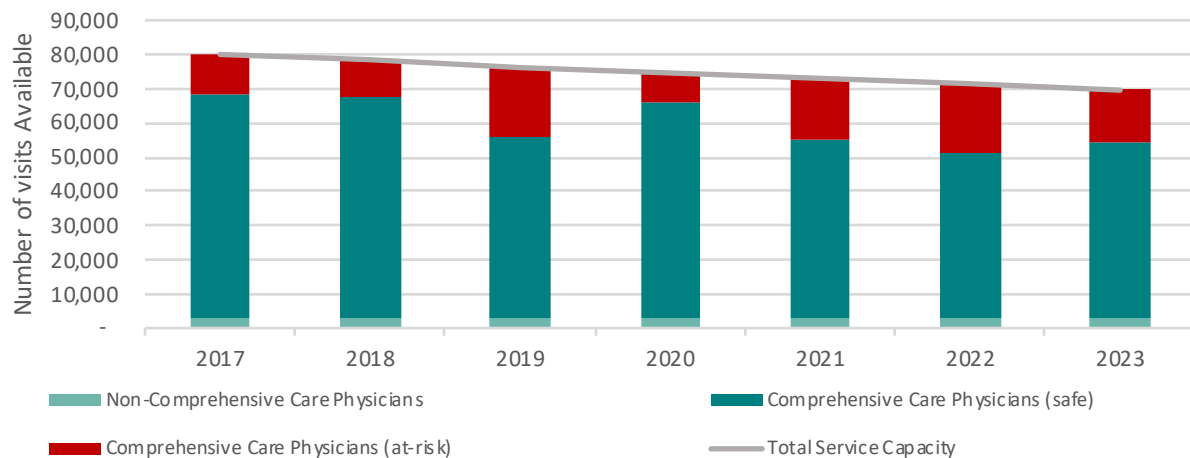
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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
Chiropractors	12	12	11
Dietitians	0	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	15	16	16
Optometrists	0	39	40
Pharmacists	389	392	170
PTs	18	20	15
Psychologists	0	0	0
RNs	5	0	0
RPNs	29	7	9
RTs	0	0	0
SLPs	0	0	0

#### Number of Comprehensive Primary Care Physicians

2016	15
2017	11

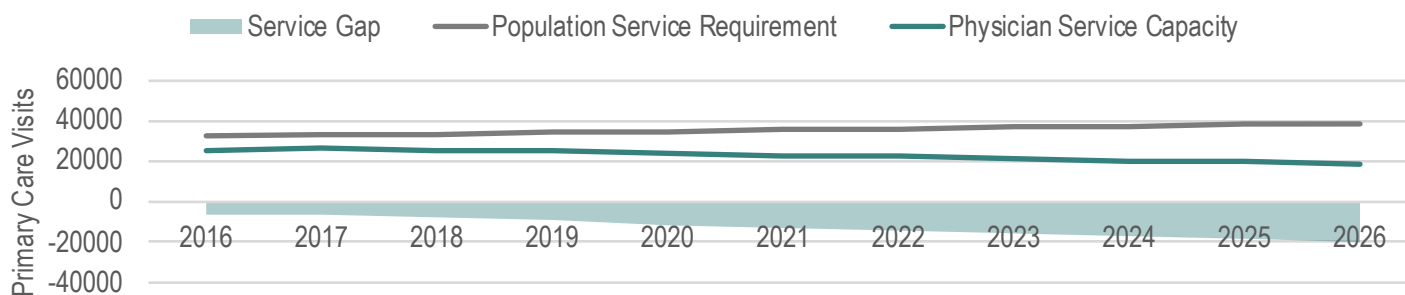
	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	65,095	64,347	52,688	62,851	52,128	48,378	51,568
Comprehensive Care Physicians' At-Risk Service Capacity	12,008	11,015	20,933	9,029	18,011	20,020	15,089
Non-Comprehensive Care Physicians' Service Capacity	2,901						
Total Service Capacity	80,004	78,263	76,522	74,781	73,040	71,299	69,558





# Primary Care Workforce Planning

Neighbourhood Profile: Flemingdon Park



**Need (2021)**  
35,686 Visits

**Current State Gap (2021)**  
-12,556 Visits

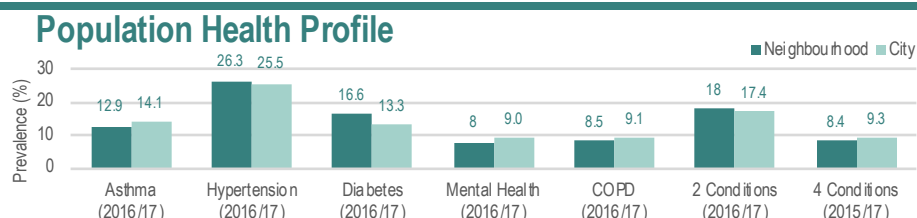
**Capacity (2021)**  
23,130 Visits

**Need (2026)**  
38,639 Visits

**Future State Gap (2026)**  
-19,969 Visits

**Capacity (2026)**  
18,670 Visits

Population (2016)			
Children	Youth	Working Age	Seniors
4,395	3,065	11,515	2,980
20.0 %	14.0 %	52.5 %	13.6 %



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	21,933	Neigh: 0.70 % - 1.17 % City: 1.60 % - 2.50 %
2021	23,000 - 23,219	
2026	24,068 - 24,505	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 31,271 Non-Resident Visits

Yearly Outgoing Demand: 86,889 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	74.7	71.6
ACSC Hospitalization / 100,000	252.8	244.4
Low Urgency ED (%)	71.5	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	7			71	42	0	0	63	0	204	25	18	241	0	0	0
2017	(1-5)			28	49	0	8	9	25	155	16	18	224	0	0	0
2018				29	11	0	9	11	12	59	5	21	218	0	0	24



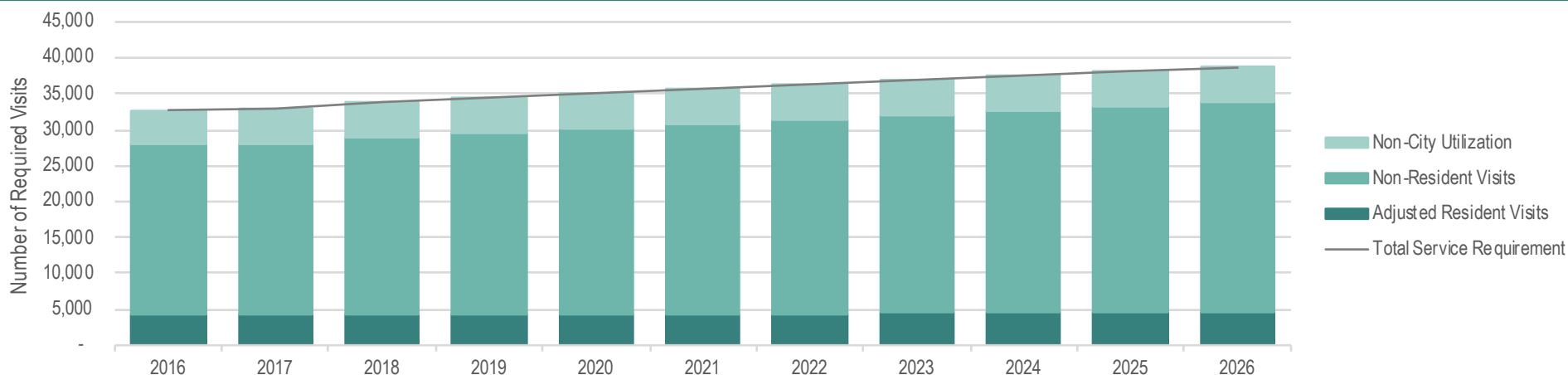
# Primary Care Workforce Planning

## Service Requirements Module: Flemingdon Park

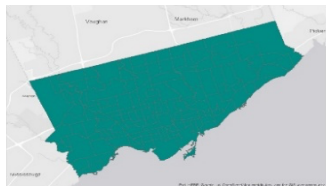
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	25,083	25,330	25,576	25,823	26,070	26,317	26,563	26,810	27,057	27,303	27,550
Resident Visits	87,015	87,609	88,727	89,582	90,438	91,294	92,150	93,006	93,862	94,717	95,573
Proportion of Care Accessed Within Home Neighbourhood	4.8%										
Resident Visits Adjusted for Spatial Patterns of Utilization	4,177	4,205	4,259	4,300	4,341	4,382	4,423	4,464	4,505	4,546	4,588
Non-Resident Visits	23,697	23,883	24,796	25,345	25,895	26,444	26,994	27,543	28,093	28,642	29,192
Non-City Utilization	4,860										
Total Service Requirement	32,733	32,948	33,915	34,505	35,096	35,686	36,277	36,867	37,458	38,048	38,639



# Primary Care Workforce Planning

## Service Capacity Module: Flemingdon Park

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

#### Total Service Capacity =

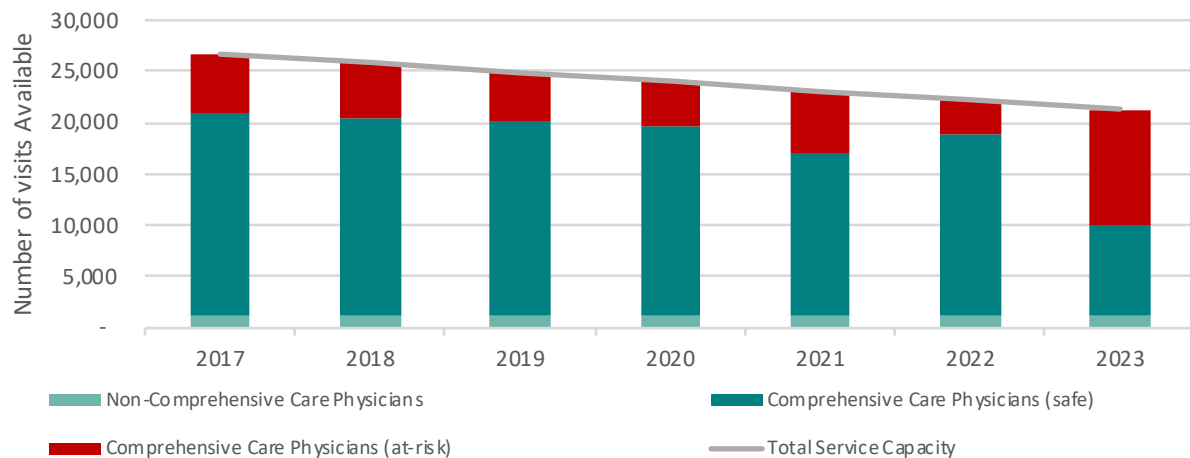
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



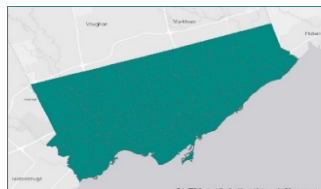
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	71	28	29
Dieticians	42	49	11
Midwives	0	0	0
NPs	0	8	9
OTs	63	9	11
Optometrists	0	25	12
Pharmacists	204	155	59
PTs	25	16	5
Psychologists	18	18	21
RNs	241	224	218
RPNs	0	0	0
RTs	0	0	0
SLPs	0	0	24

#### Number of Comprehensive Primary Care Physicians

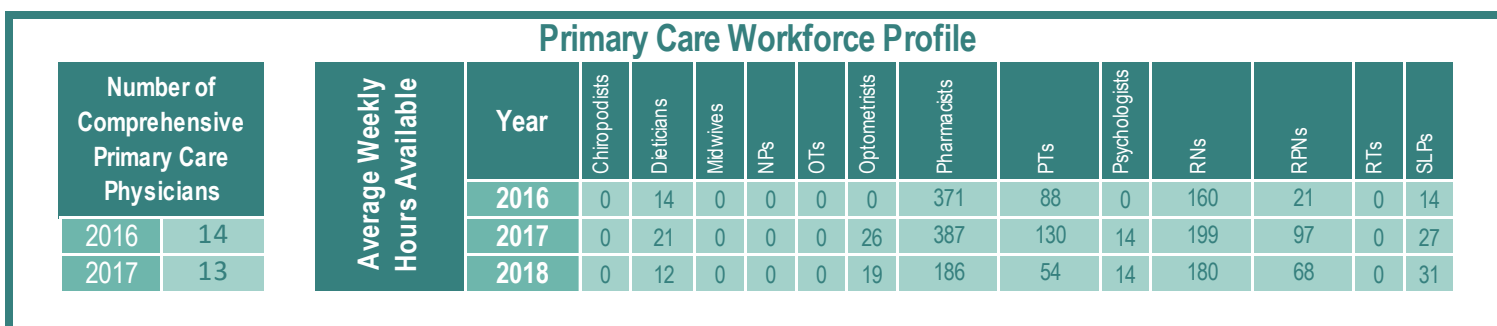
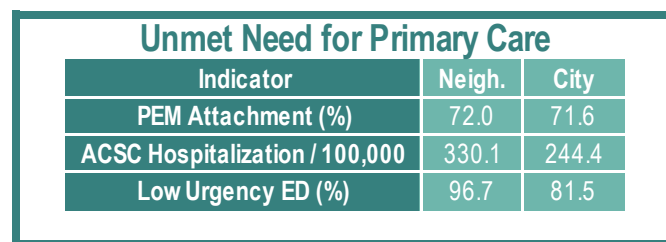
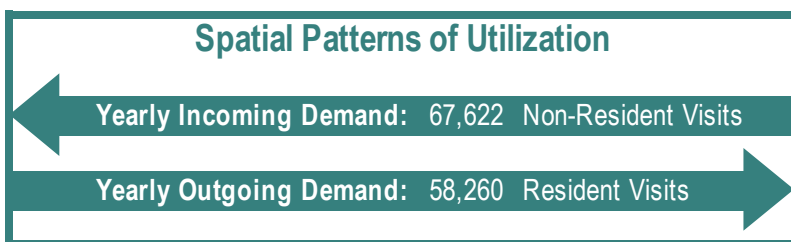
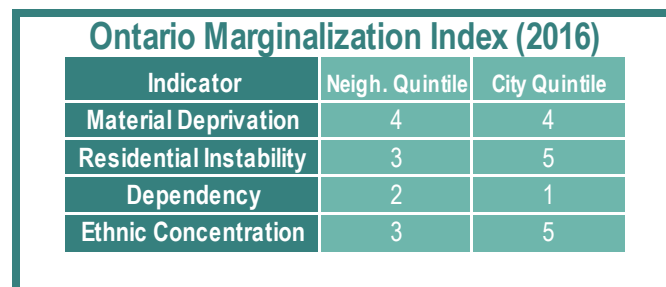
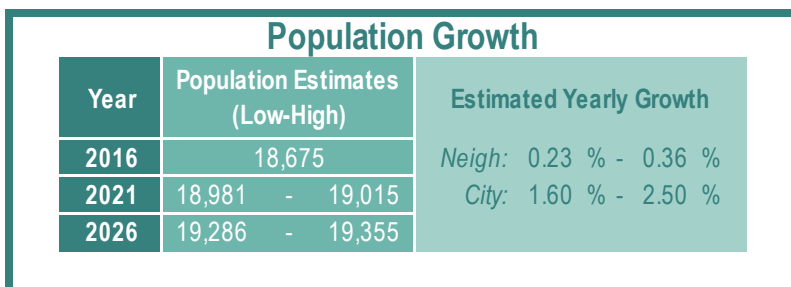
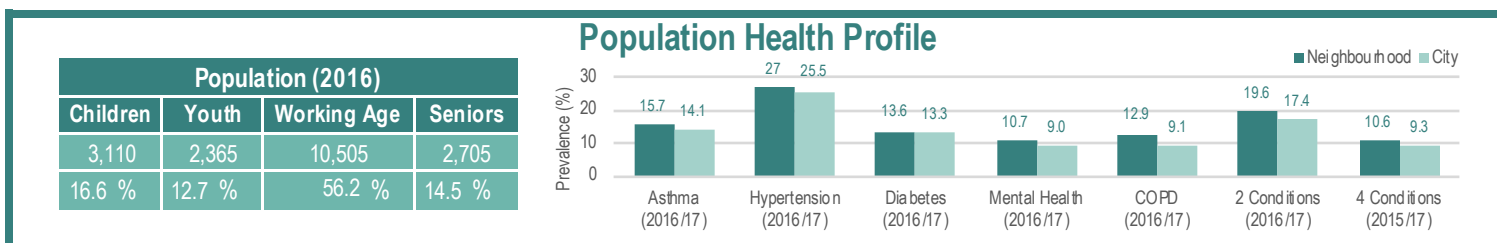
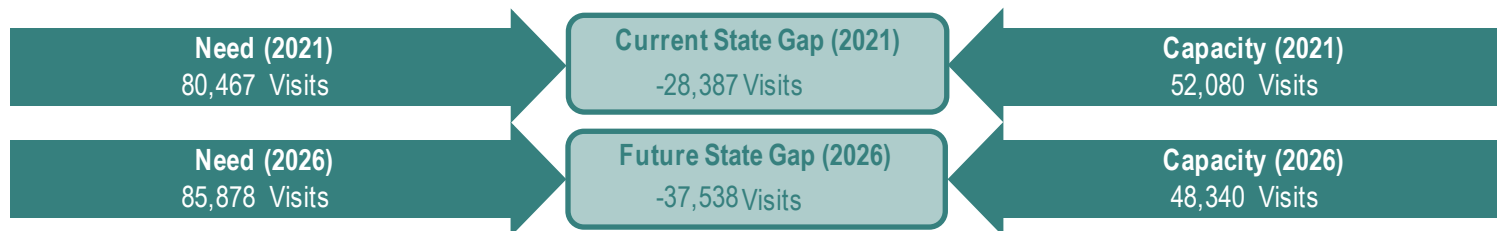
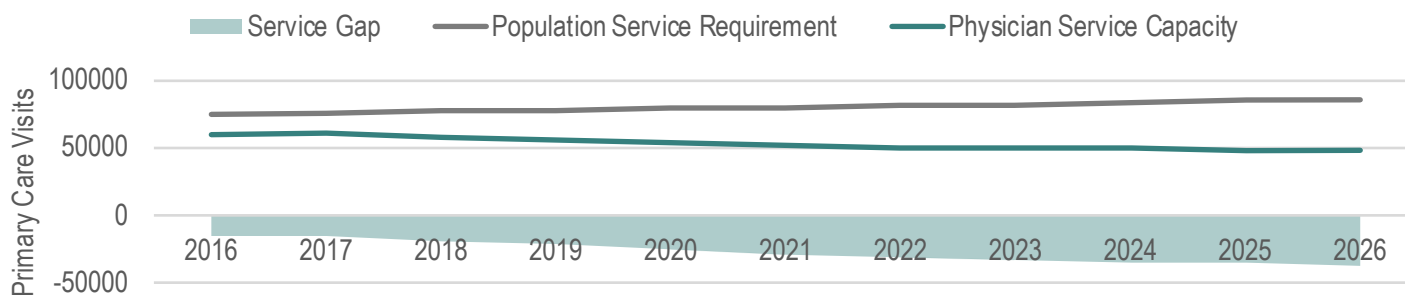
2016	7
2017	(1-5)

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	19,853	19,450	19,047	18,644	15,899	17,838	9,024
Comprehensive Care Physicians' At-Risk Service Capacity	5,745	5,256	4,767	4,278	6,131	3,300	11,222
Non-Comprehensive Care Physicians' Service Capacity	1,100						
Total Service Capacity	26,698	25,806	24,914	24,022	23,130	22,238	21,346



# Primary Care Workforce Planning

Neighbourhood Profile: O'Connor-Parkview





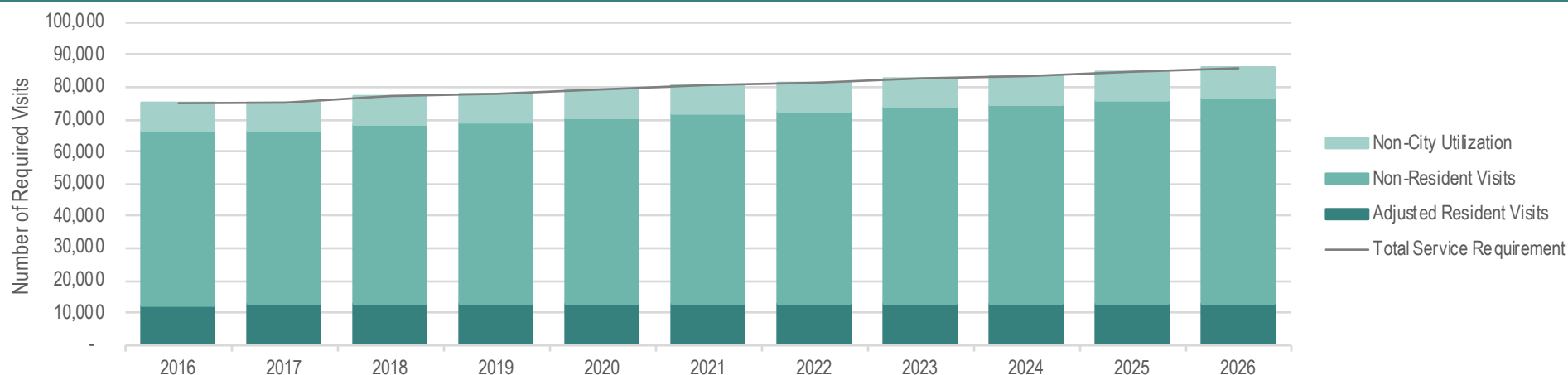
# Primary Care Workforce Planning

## Service Requirements Module: O'Connor-Parkview

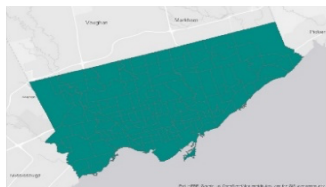
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	18,389	18,456	18,523	18,590	18,657	18,724	18,791	18,858	18,925	18,992	19,059
Resident Visits	69,760	70,210	70,269	70,523	70,777	71,031	71,285	71,539	71,794	72,048	72,302
Proportion of Care Accessed Within Home Neighbourhood	18.0%										
Resident Visits Adjusted for Spatial Patterns of Utilization	12,557	12,638	12,648	12,694	12,740	12,786	12,831	12,877	12,923	12,969	13,014
Non-Resident Visits	53,557	53,939	55,630	56,666	57,703	58,739	59,775	60,811	61,848	62,884	63,920
Non-City Utilization	8,943										
Total Service Requirement	75,057	75,519	77,221	78,303	79,385	80,467	81,549	82,632	83,714	84,796	85,878



# Primary Care Workforce Planning

## Service Capacity Module: O'Connor-Parkview

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

#### Total Service Capacity =

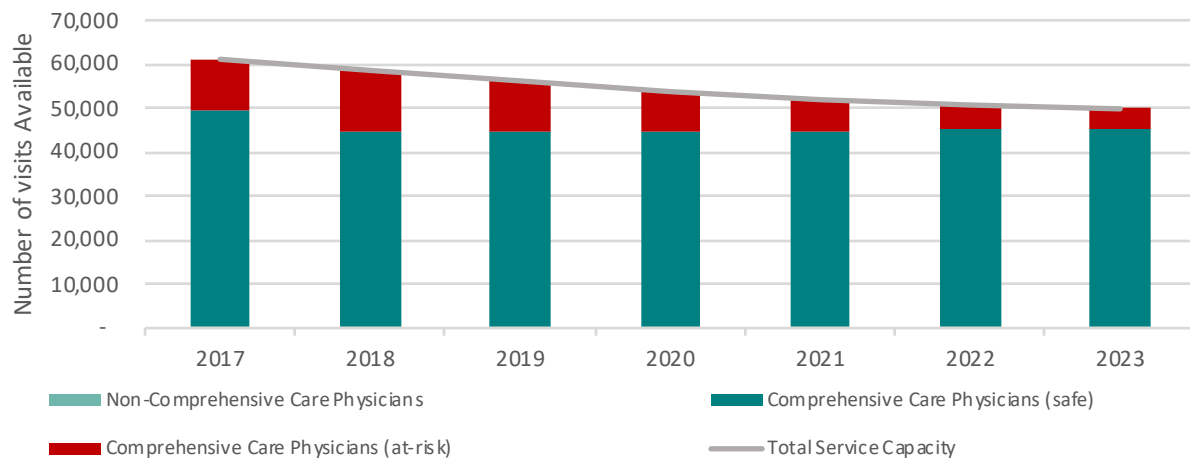
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

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**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



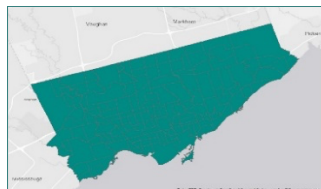
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	0	0	0
Dieticians	14	21	12
Midwives	0	0	0
NPs	0	0	0
OTs	0	0	0
Optometrists	0	26	19
Pharmacists	371	387	186
PTs	88	130	54
Psychologists	0	14	14
RNs	160	199	180
RPNs	21	97	68
RTs	0	0	0
SLPs	14	27	31

#### Number of Comprehensive Primary Care Physicians

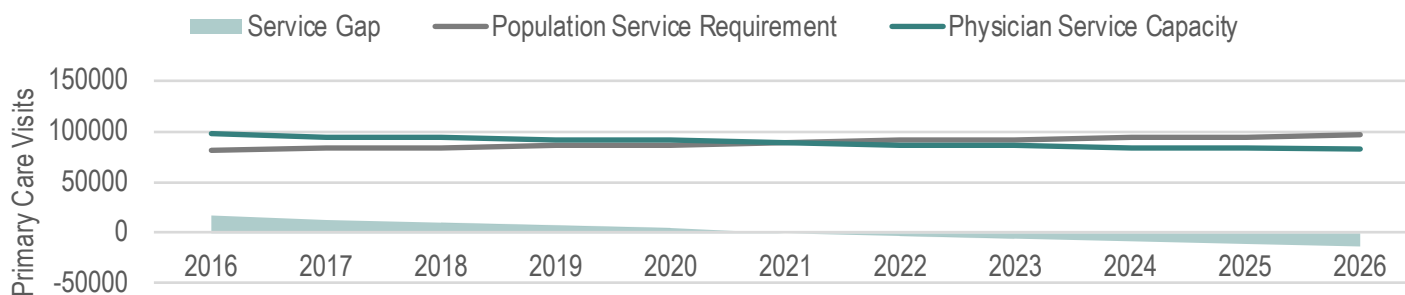
2016	14
2017	13

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	49,420	44,318	44,432	44,546	44,660	44,774	44,888
Comprehensive Care Physicians' At-Risk Service Capacity	11,485	14,183	11,665	9,147	7,204	5,693	4,744
Non-Comprehensive Care Physicians' Service Capacity	216						
Total Service Capacity	61,121	58,717	56,313	53,909	52,080	50,683	49,848



# Primary Care Workforce Planning

Neighbourhood Profile: Thorncliffe Park



**Need (2021)**  
88,848 Visits

**Current State Gap (2021)**  
-173 Visits

**Capacity (2021)**  
88,675 Visits

**Need (2026)**  
96,576 Visits

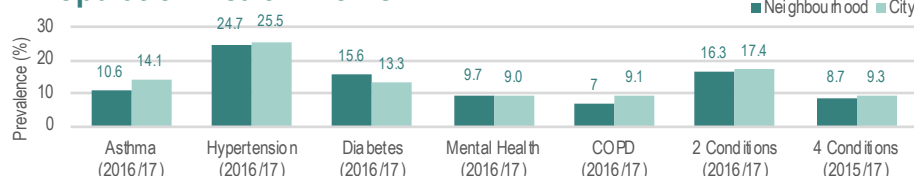
**Future State Gap (2026)**  
-14,173 Visits

**Capacity (2026)**  
82,403 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
5,595	2,440	10,700	2,115
26.8 %	11.7 %	51.3 %	10.1 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	21,108	Neigh: 1.57 % - 2.47 % City: 1.60 % - 2.50 %
2021	23,426 - 23,712	
2026	25,744 - 26,315	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

← **Yearly Incoming Demand:** 46,503 Non-Resident Visits

**Yearly Outgoing Demand:** 44,205 Resident Visits →

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	70.7	71.6
ACSC Hospitalization / 100,000	223.6	244.4
Low Urgency ED (%)	66.3	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	14		2016	8	1	298	0	7	0	379	56	0	18	432	0	28
2017	13		2017	41	9	326	3	7	58	396	34	10	10	419	0	39
			2018	29	16	407	35	7	58	227	72	22	23	296	0	33



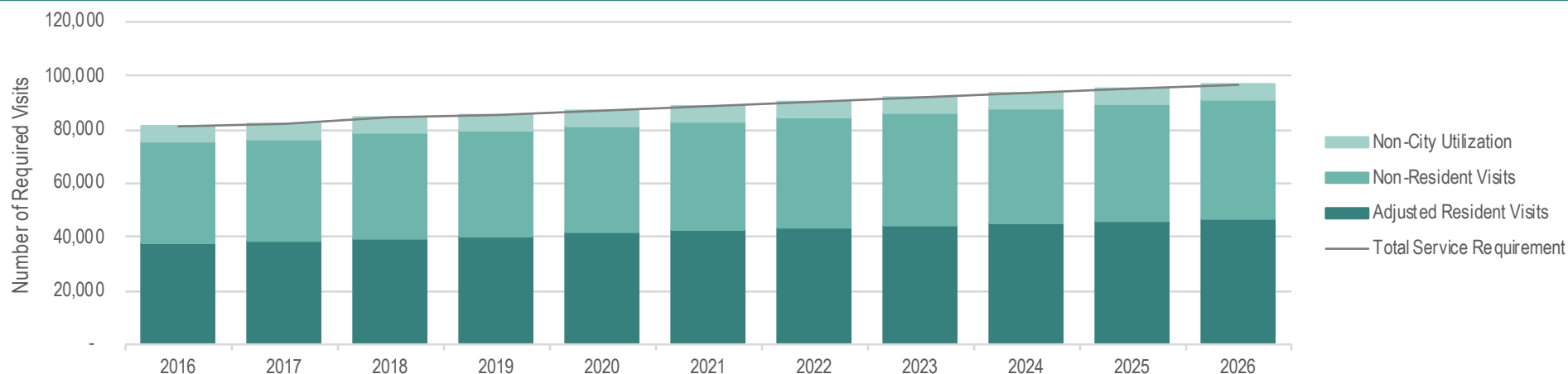
# Primary Care Workforce Planning

## Service Requirements Module: Thorncliffe Park

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

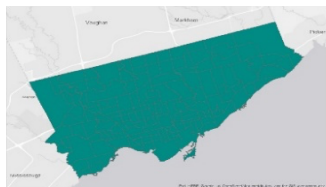
#### Total Service Requirements =

- 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	22,683	23,195	23,706	24,218	24,730	25,242	25,753	26,265	26,777	27,288	27,800
Resident Visits	77,744	79,427	81,252	83,005	84,759	86,513	88,267	90,021	91,774	93,528	95,282
Proportion of Care Accessed Within Home Neighbourhood	48.9%										
Resident Visits Adjusted for Spatial Patterns of Utilization	38,017	38,840	39,732	40,590	41,447	42,305	43,163	44,020	44,878	45,735	46,593
Non-Resident Visits	37,327	37,581	38,703	39,392	40,080	40,768	41,456	42,144	42,832	43,520	44,208
Non-City Utilization	5,775										
Total Service Requirement	81,119	82,196	84,211	85,756	87,302	88,848	90,393	91,939	93,485	95,031	96,576





# Primary Care Workforce Planning

## Service Capacity Module: Thorncliffe Park

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

#### Total Service Capacity =

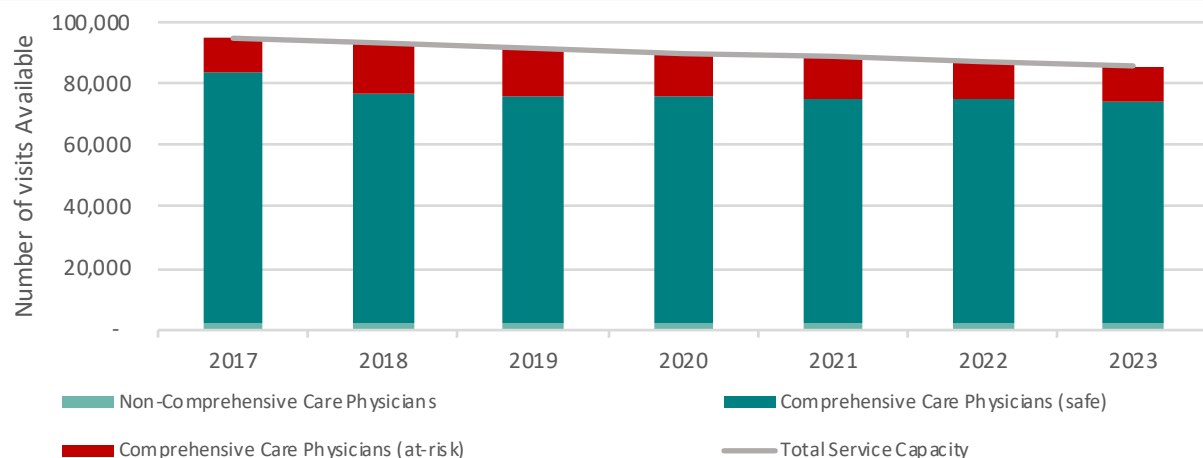
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



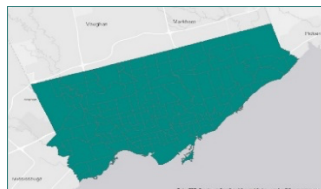
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiropractors	8	41	29
Dietitians	1	9	16
Midwives	298	326	407
NPs	0	3	35
OTs	7	7	7
Optometrists	0	58	58
Pharmacists	379	396	227
PTs	56	34	72
Psychologists	0	10	22
RNs	18	10	23
RPNs	432	419	296
RTs	0	0	0
SLPs	28	39	33

#### Number of Comprehensive Primary Care Physicians

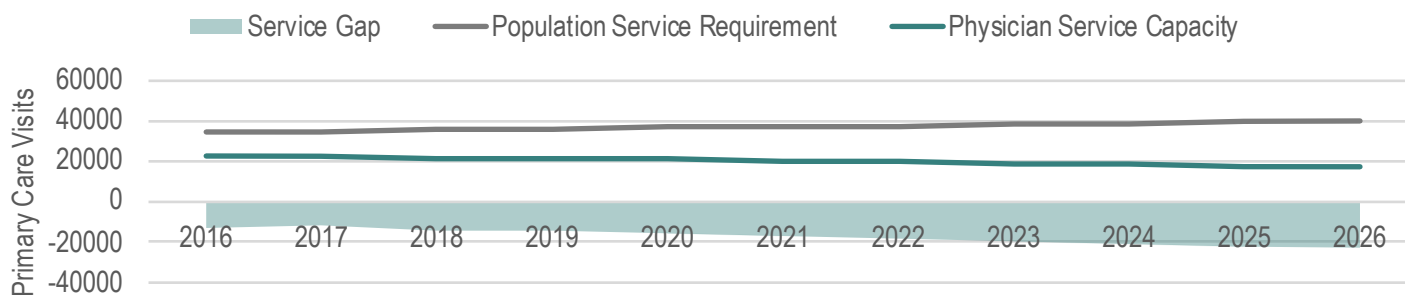
2016	14
2017	13

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	81,443	74,097	73,655	73,213	72,771	72,329	71,887
Comprehensive Care Physicians' At-Risk Service Capacity	10,816	16,627	15,534	14,441	13,348	12,255	11,380
Non-Comprehensive Care Physicians' Service Capacity	2,556						
Total Service Capacity	94,815	93,280	91,745	90,210	88,675	87,140	85,823



# Primary Care Workforce Planning

## Neighbourhood Profile: Broadview North



**Need (2021)**  
37,380 Visits

**Current State Gap (2021)**  
-17,069 Visits

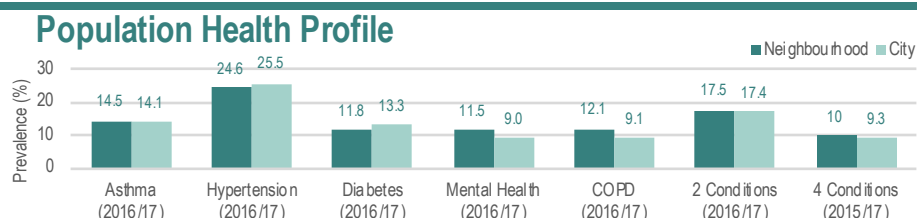
**Capacity (2021)**  
20,311 Visits

**Need (2026)**  
40,107 Visits

**Future State Gap (2026)**  
-22,691 Visits

**Capacity (2026)**  
17,416 Visits

Population (2016)			
Children	Youth	Working Age	Seniors
1,485	1,045	7,100	1,860
12.9 %	9.1 %	61.8 %	16.2 %



### Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	11,499	Neigh: 0.35 % - 0.55 %
2021	11,782 - 11,815	City: 1.60 % - 2.50 %
2026	12,065 - 12,130	

### Ontario Marginalization Index (2016)

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

### Spatial Patterns of Utilization

Yearly Incoming Demand: 32,295 Non-Resident Visits

Yearly Outgoing Demand: 40,914 Resident Visits

### Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	74.1	71.6
ACSC Hospitalization / 100,000	335.3	244.4
Low Urgency ED (%)	80.9	81.5

### Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	(1-5)			0	0	0	0	0	0	251	0	3	336	137	0	11
2017	(1-5)			0	0	0	0	0	0	218	0	0	235	70	0	12
2017	(1-5)	Average Weekly Hours Available	2018	0	0	0	0	12	0	164	12	3	296	105	0	12



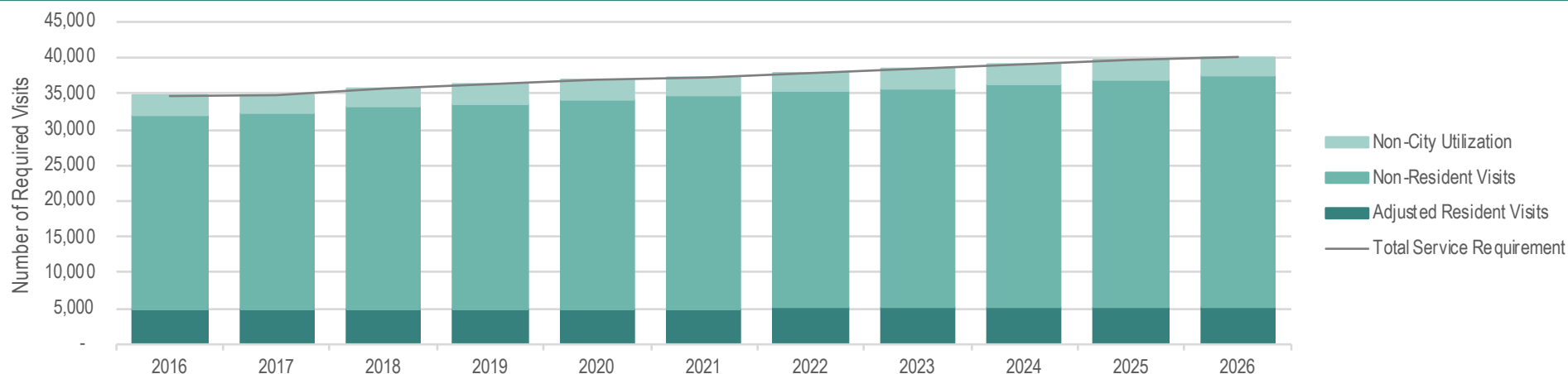
# Primary Care Workforce Planning

## Service Requirements Module: Broadview North

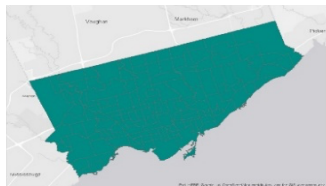
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	11,974	12,036	12,098	12,160	12,222	12,285	12,347	12,409	12,471	12,533	12,595
Resident Visits	44,802	45,117	45,266	45,499	45,731	45,963	46,196	46,428	46,660	46,893	47,125
Proportion of Care Accessed Within Home Neighbourhood	11.0%										
Resident Visits Adjusted for Spatial Patterns of Utilization	4,928	4,963	4,979	5,005	5,030	5,056	5,082	5,107	5,133	5,158	5,184
Non-Resident Visits	27,096	27,295	28,136	28,656	29,176	29,696	30,216	30,736	31,256	31,776	32,296
Non-City Utilization	2,628										
Total Service Requirement	34,653	34,886	35,744	36,289	36,835	37,380	37,926	38,471	39,017	39,562	40,107



# Primary Care Workforce Planning

## Service Capacity Module: Broadview North

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

#### Total Service Capacity =

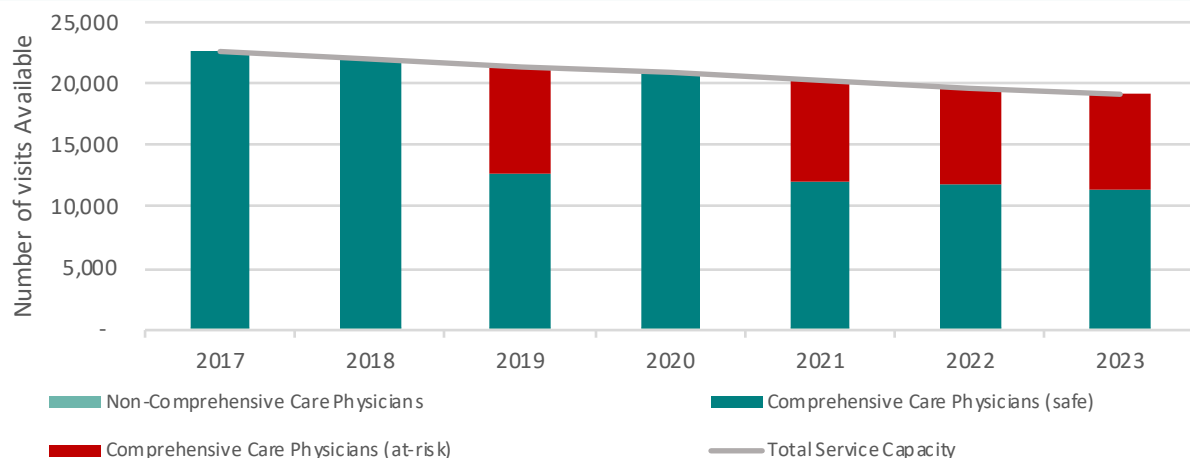
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



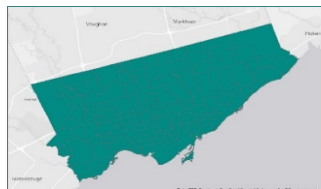
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	0	0	0
Dieticians	0	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	0	0	12
Optometrists	0	0	0
Pharmacists	251	218	164
PTs	0	0	12
Psychologists	3	0	3
RNs	336	235	296
RPNs	137	70	105
RTs	0	0	0
SLPs	11	12	12

#### Number of Comprehensive Primary Care Physicians

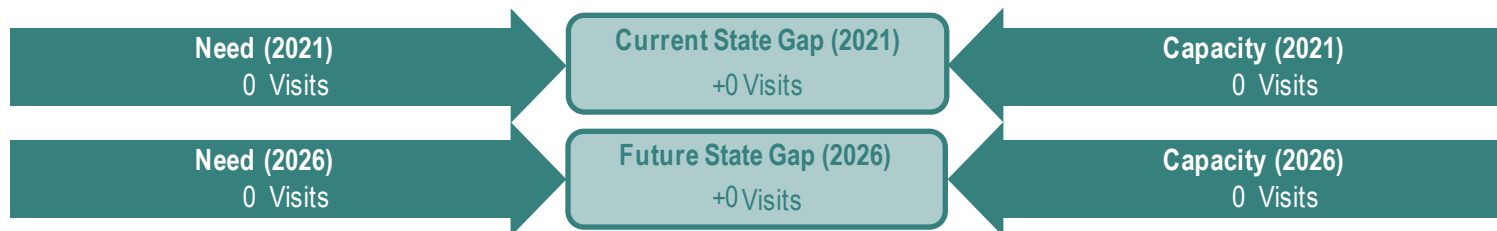
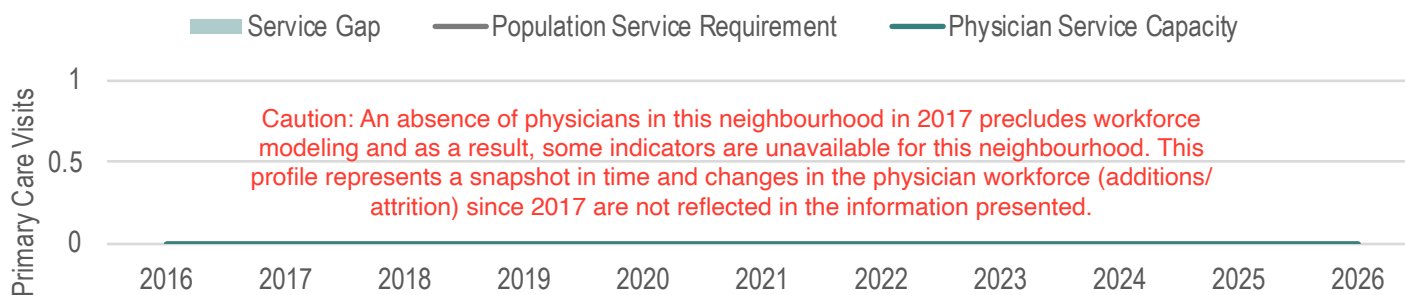
2016	(1-5)
2017	(1-5)

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	22,508	21,929	12,565	20,771	11,931	11,614	11,297
Comprehensive Care Physicians' At-Risk Service Capacity	0	0	8,785	0	8,261	7,999	7,737
Non-Comprehensive Care Physicians' Service Capacity	119						
Total Service Capacity	22,627	22,048	21,469	20,890	20,311	19,732	19,153



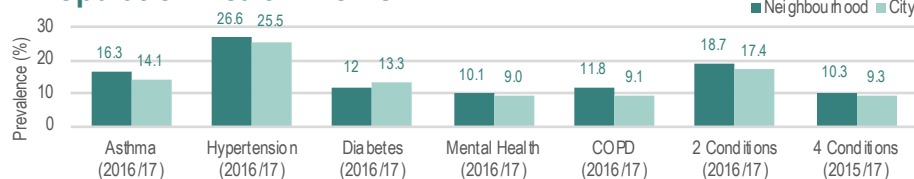
# Primary Care Workforce Planning

Neighbourhood Profile: Old East York



Population (2016)			
Children	Youth	Working Age	Seniors
1,480	920	5,315	1,530
16.0 %	10.0 %	57.5 %	16.6 %

## Population Health Profile



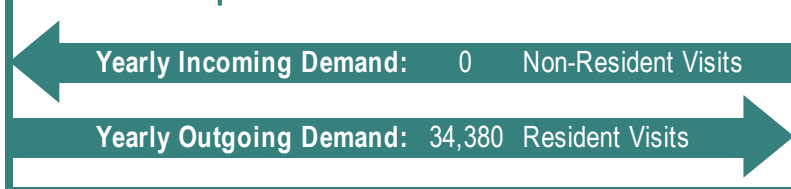
## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	9,233	Neigh: 0.00 % - 0.00 %
2021	9,234 - 9,234	City: 1.60 % - 2.50 %
2026	9,235 - 9,235	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization



## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	73.3	71.6
ACSC Hospitalization / 100,000	355.4	244.4
Low Urgency ED (%)	90.3	81.5

## Primary Care Workforce Profile

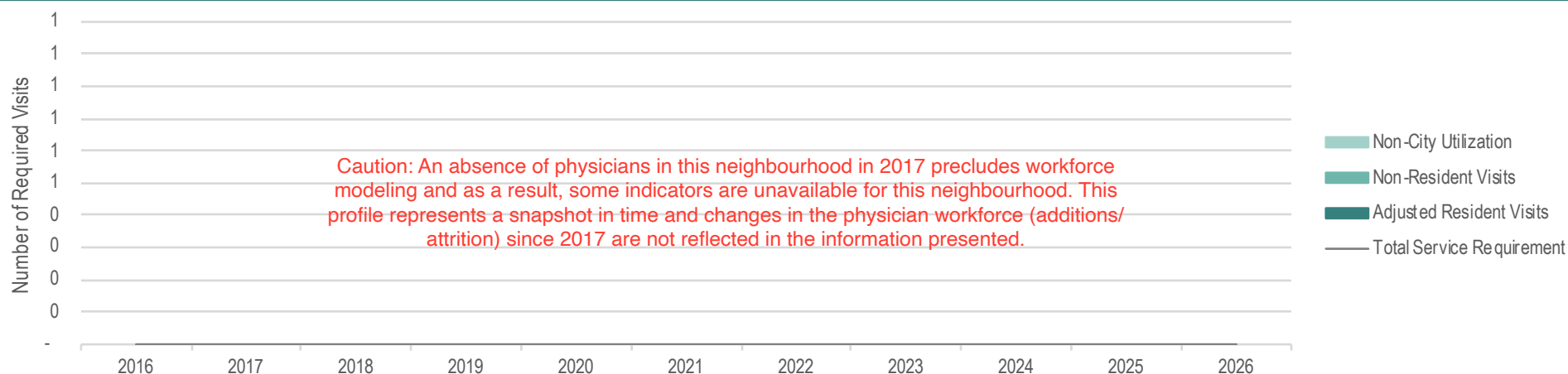
Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	0			0	0	0	0	7	0	205	0	0	1	0	0	13
2017	0			0	0	0	0	7	0	240	0	0	1	0	0	12
2018	0			0	0	0	0	0	0	136	0	0	1	0	0	12



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

### Total Service Requirements =

- $$\begin{aligned} & \mathbf{1 - Resident Visits:} \text{ Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization} \\ & \quad + \\ & \mathbf{2 - Non-Resident Visits:} \text{ Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization} \\ & \quad + \\ & \mathbf{3 - Non-City Utilization:} \text{ Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization} \end{aligned}$$

[illegible]



# Primary Care Workforce Planning

## Service Capacity Module: Old East York

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

#### Total Service Capacity =

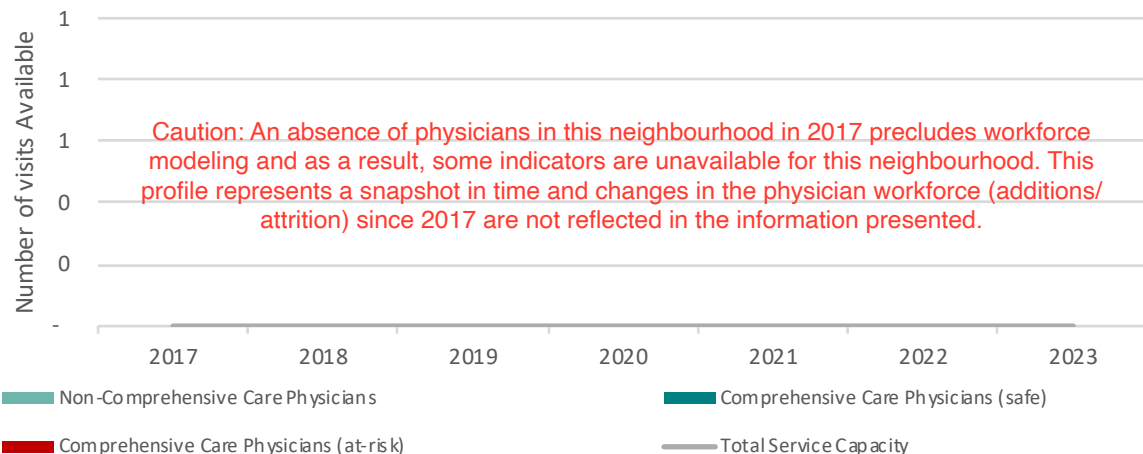
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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

+

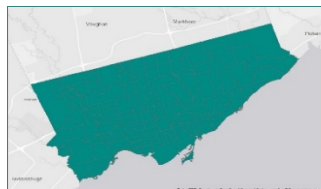
**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



Allied Health Professionals Average Weekly Hours Available			
Profession	2016	2017	2018
Chiropractors	0	0	0
Dieticians	0	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	7	7	0
Optometrists	0	0	0
Pharmacists	205	240	136
PTs	0	0	0
Psychologists	0	0	0
RNs	1	1	1
RPNs	0	0	0
RTs	0	0	0
SLPs	13	12	12

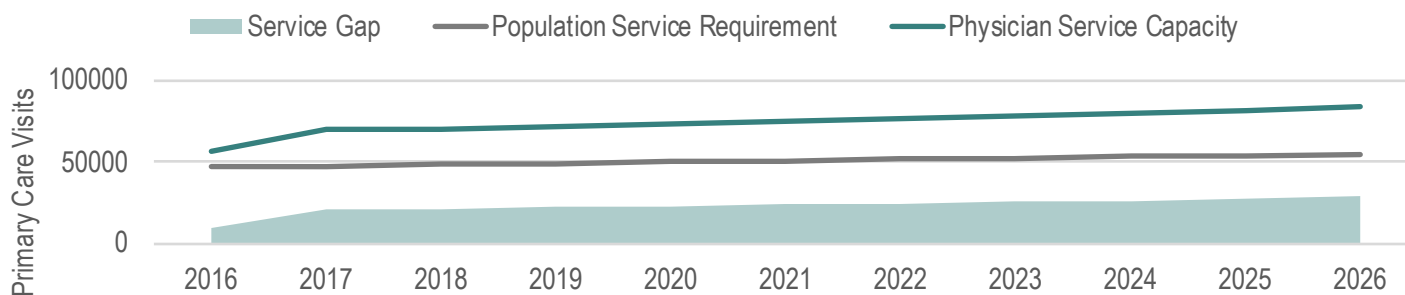
Number of Comprehensive Primary Care Physicians	
2016	0
2017	0

	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



# Primary Care Workforce Planning

Neighbourhood Profile: Danforth East York



**Need (2021)**  
51,136 Visits

**Current State Gap (2021)**  
+23,837 Visits

**Capacity (2021)**  
74,973 Visits

**Need (2026)**  
54,803 Visits

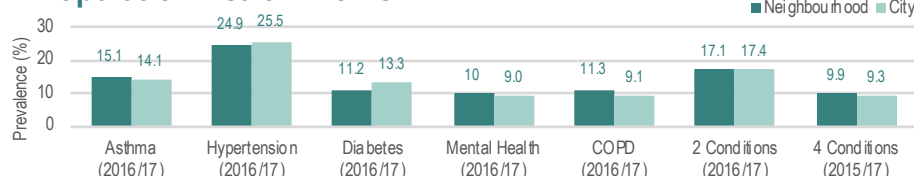
**Future State Gap (2026)**  
+29,374 Visits

**Capacity (2026)**  
84,177 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
3,030	1,440	10,075	2,640
17.6 %	8.4 %	58.6 %	15.4 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	17,180	Neigh: 0.02 % - 0.03 %
2021	17,206 - 17,208	City: 1.60 % - 2.50 %
2026	17,231 - 17,235	

## 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: 47,333 Non-Resident Visits

Yearly Outgoing Demand: 61,230 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	73.6	71.6
ACSC Hospitalization / 100,000	201.9	244.4
Low Urgency ED (%)	90.9	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	27		2016	34	114	0	1	32	0	276	25	0	1,214	206	0	10
2017	25		2017	7	49	0	107	31	0	383	34	0	1,504	199	19	9
			2018	19	52	0	64	34	0	151	0	0	1,343	205	0	7





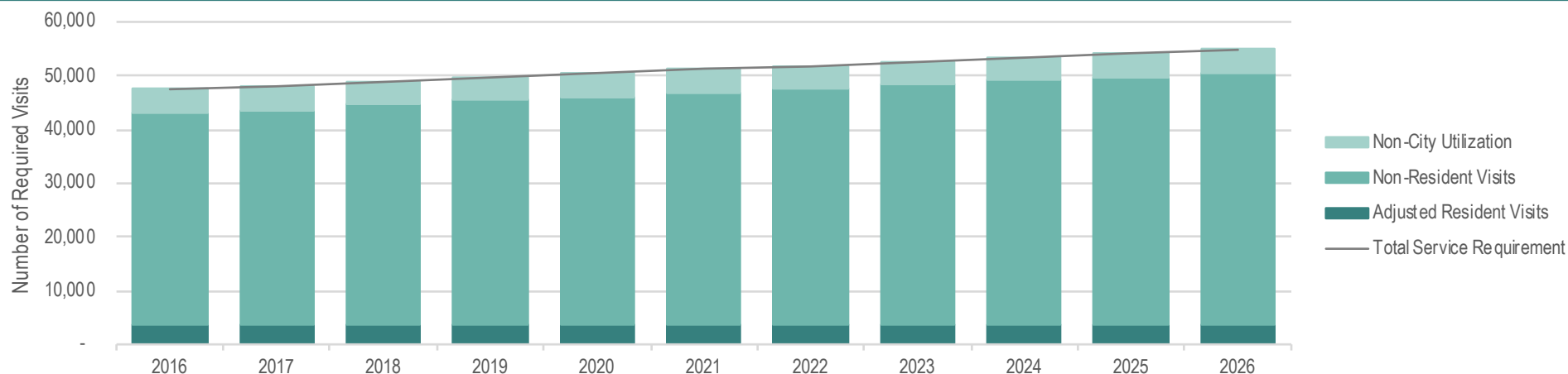
# Primary Care Workforce Planning

## Service Requirements Module: Danforth - East York

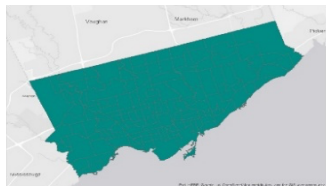
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	17,917	17,923	17,928	17,934	17,939	17,945	17,950	17,956	17,961	17,967	17,972
Resident Visits	64,848	65,444	64,887	64,907	64,927	64,947	64,967	64,987	65,007	65,027	65,047
Proportion of Care Accessed Within Home Neighbourhood	5.8%										
Resident Visits Adjusted for Spatial Patterns of Utilization	3,761	3,796	3,763	3,765	3,766	3,767	3,768	3,769	3,770	3,772	3,773
Non-Resident Visits	39,455	39,796	40,920	41,652	42,384	43,117	43,849	44,581	45,314	46,046	46,779
Non-City Utilization	4,252										
Total Service Requirement	47,468	47,843	48,935	49,669	50,402	51,136	51,869	52,603	53,336	54,070	54,803



# Primary Care Workforce Planning

## Service Capacity Module: Danforth - East York

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

#### Total Service Capacity =

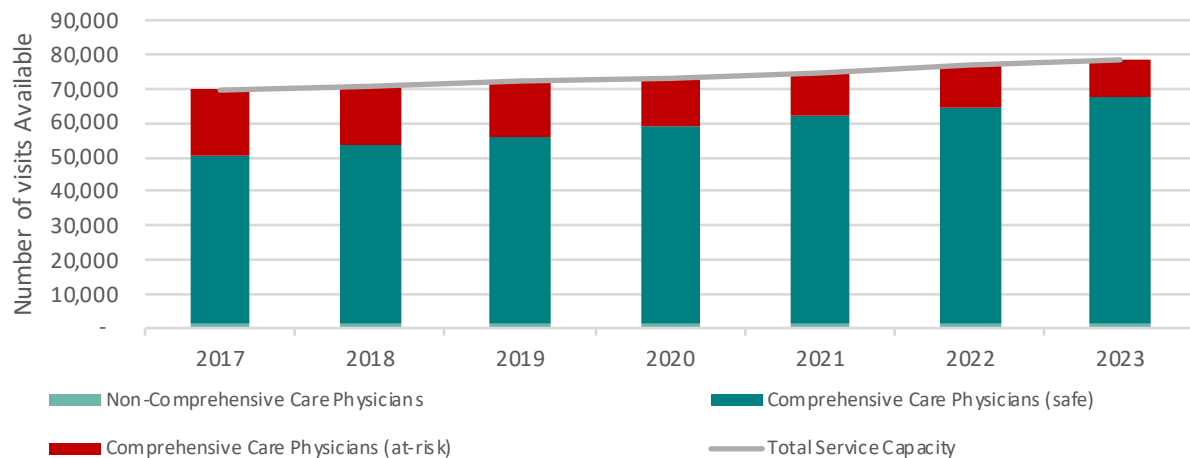
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



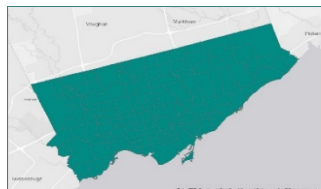
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	34	7	19
Dieticians	114	49	52
Midwives	0	0	0
NPs	1	107	64
OTs	32	31	34
Optometrists	0	0	0
Pharmacists	276	383	151
PTs	25	34	0
Psychologists	0	0	0
RNs	1,214	1,504	1,343
RPNs	206	199	205
RTs	0	19	0
SLPs	10	9	7

#### Number of Comprehensive Primary Care Physicians

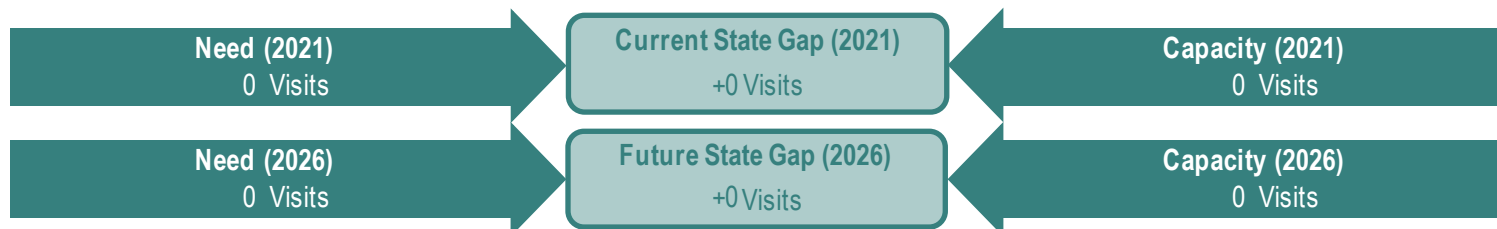
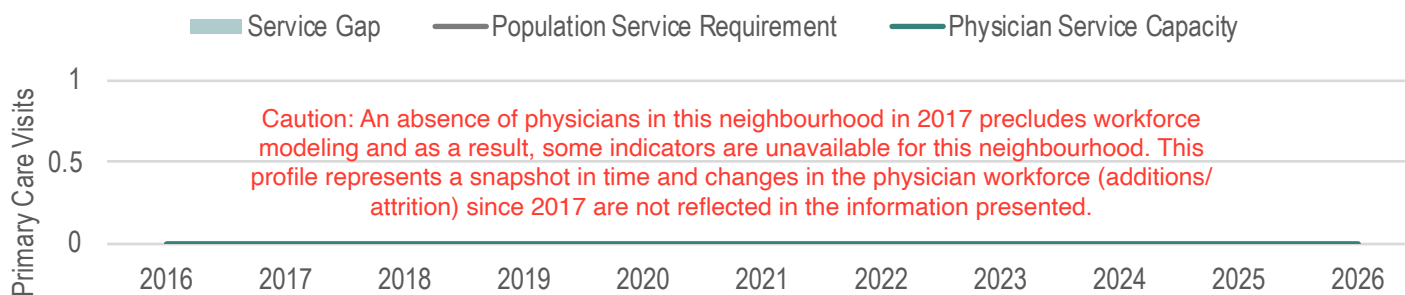
2016	27
2017	25

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	49,300	52,173	55,046	57,919	60,792	63,665	66,538
Comprehensive Care Physicians' At-Risk Service Capacity	19,223	17,584	15,945	14,306	13,130	11,980	10,830
Non-Comprehensive Care Physicians' Service Capacity	1,051						
Total Service Capacity	69,574	70,808	72,042	73,276	74,973	76,696	78,419



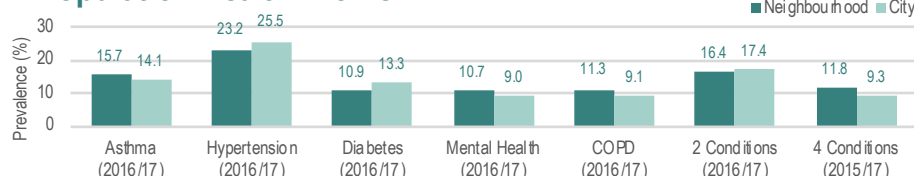
# Primary Care Workforce Planning

Neighbourhood Profile: Woodbine-Lumsden



Population (2016)			
Children	Youth	Working Age	Seniors
1,165	660	4,945	1,095
14.8 %	8.4 %	62.8 %	13.9 %

## Population Health Profile



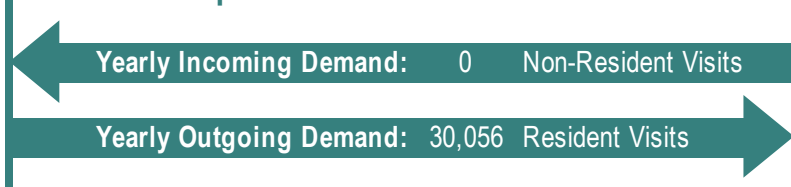
## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	7,865	Neigh: 0.04 % - 0.06 %
2021	7,886 - 7,888	City: 1.60 % - 2.50 %
2026	7,907 - 7,910	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization



## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	72.9	71.6
ACSC Hospitalization / 100,000	487.1	244.4
Low Urgency ED (%)	98.6	81.5

## Primary Care Workforce Profile

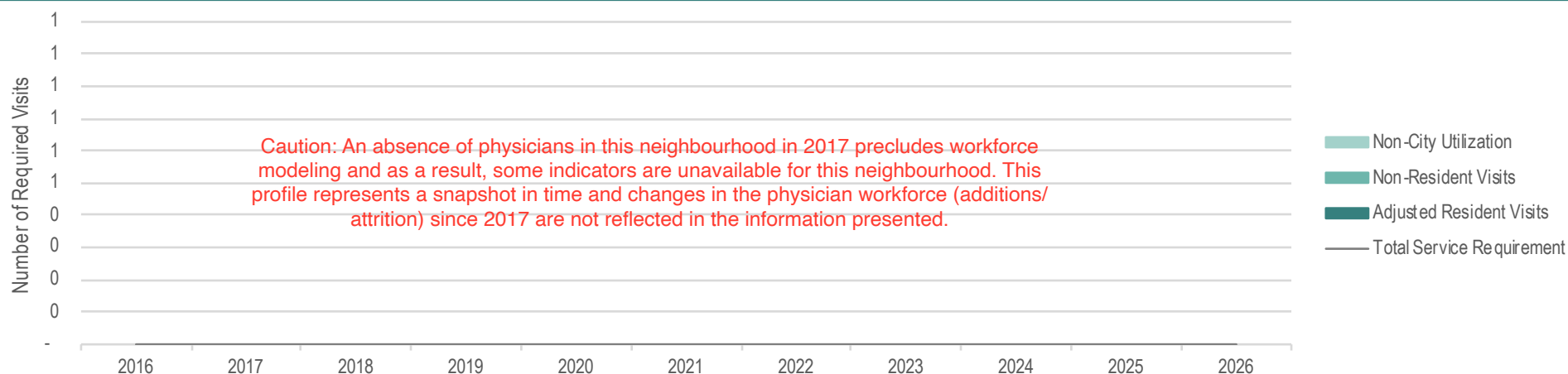
Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	0			0	0	0	0	0	0	0	12	0	0	0	0	0
2017	0			0	0	0	0	14	0	0	18	0	1	0	0	0
2018	0			6	0	0	0	14	0	0	0	0	0	0	0	0



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

### Total Service Requirements =

- $$\begin{aligned}
 & \mathbf{1 - Resident Visits:} \text{ Number of resident visits expected to be accessed in their neighbourhood of residence based on baseline spatial patterns of utilization} \\
 & \quad + \\
 & \mathbf{2 - Non-Resident Visits:} \text{ Number of non-resident visits expected to be accessed in the neighbourhood based on baseline spatial patterns of utilization} \\
 & \quad + \\
 & \mathbf{3 - Non-City Utilization:} \text{ Number of visits expected to be utilized by non-city residents in the neighbourhood based on baseline spatial patterns of utilization}
 \end{aligned}$$

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# Primary Care Workforce Planning

## Service Capacity Module: Woodbine-Lumsden

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

#### Total Service Capacity =

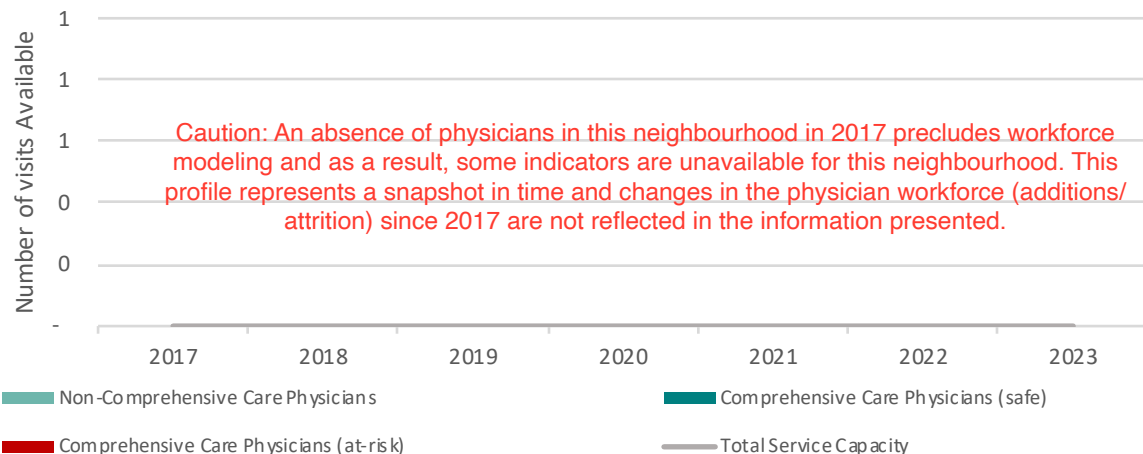
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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

+

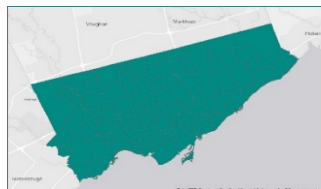
**Service Capacity Generated by Non-Comprehensive Care Physicians:** Estimated number of services provided by non-comprehensive care physicians



Allied Health Professionals Average Weekly Hours Available			
Profession	2016	2017	2018
Chiroprodists	0	0	6
Dieticians	0	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	0	14	14
Optometrists	0	0	0
Pharmacists	0	0	0
PTs	12	18	0
Psychologists	0	0	0
RNs	0	1	0
RPNs	0	0	0
RTs	0	0	0
SLPs	0	0	0

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



# Primary Care Workforce Planning

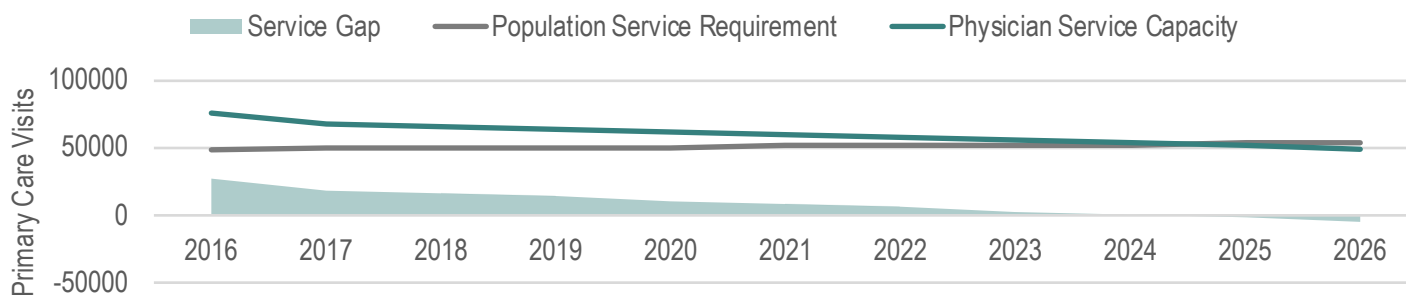
Neighbourhood Profile: Taylor-Massey



Ontario Health  
Toronto



uOttawa



**Need (2021)**

51,330 Visits

**Current State Gap (2021)**

+8,219 Visits

**Capacity (2021)**

59,549 Visits

**Need (2026)**

53,953 Visits

**Future State Gap (2026)**

-4,844 Visits

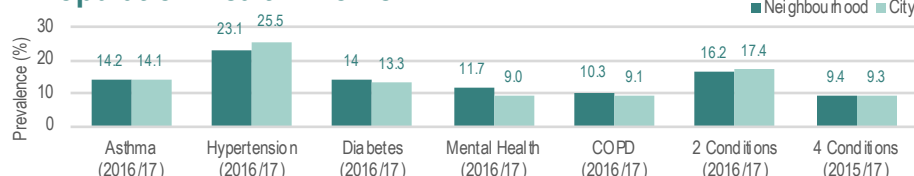
**Capacity (2026)**

49,109 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
2,935	1,690	9,335	1,705
18.7 %	10.8 %	59.5 %	10.9 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	15,683	Neigh: 0.34 % - 0.54 % City: 1.60 % - 2.50 %
2021	16,060 - 16,107	
2026	16,436 - 16,530	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 30,181 Non-Resident Visits

Yearly Outgoing Demand: 65,181 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	72.0	71.6
ACSC Hospitalization / 100,000	302.7	244.4
Low Urgency ED (%)	116.4	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	13		2016	13	0	0	27	0	0	233	0	0	0	0	0	0
2017	11		2017	12	0	0	54	0	8	222	0	0	0	0	0	0
			2018	12	6	0	62	0	8	88	0	0	6	0	0	0



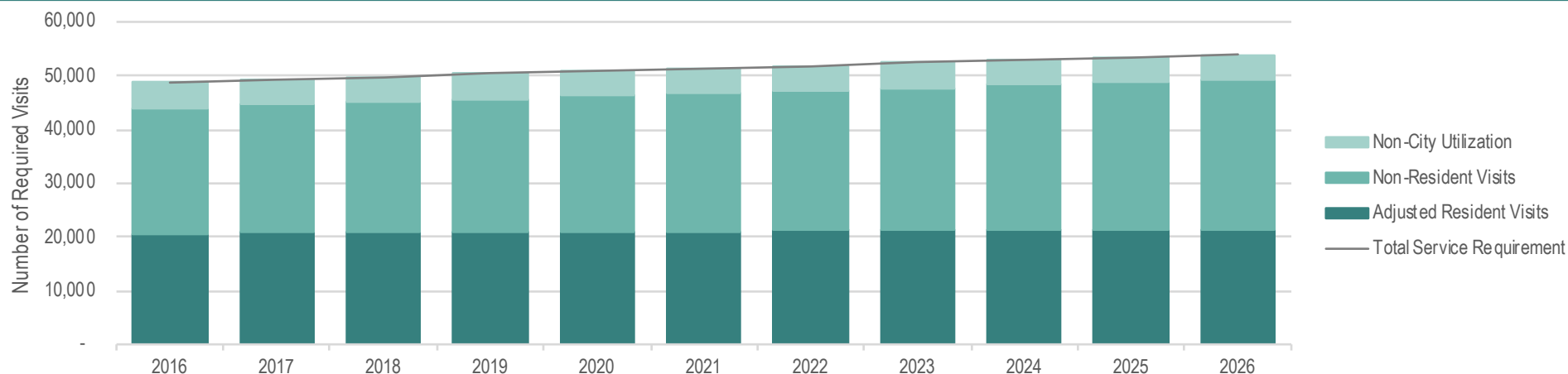
# Primary Care Workforce Planning

## Service Requirements Module: Taylor-Massey

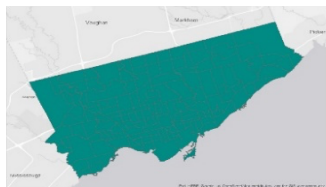
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	20,964	21,047	21,130	21,214	21,297	21,380	21,463	21,546	21,630	21,713	21,796
Resident Visits	84,533	86,211	85,204	85,539	85,875	86,210	86,546	86,881	87,217	87,552	87,888
Proportion of Care Accessed Within Home Neighbourhood	24.5%										
Resident Visits Adjusted for Spatial Patterns of Utilization	20,711	21,122	20,875	20,957	21,039	21,121	21,204	21,286	21,368	21,450	21,532
Non-Resident Visits	23,396	23,532	24,280	24,723	25,165	25,607	26,050	26,492	26,935	27,377	27,819
Non-City Utilization	4,601										
Total Service Requirement	48,707	49,254	49,756	50,281	50,805	51,330	51,855	52,379	52,904	53,428	53,953



# Primary Care Workforce Planning

## Service Capacity Module: Taylor-Massey

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

#### Total Service Capacity =

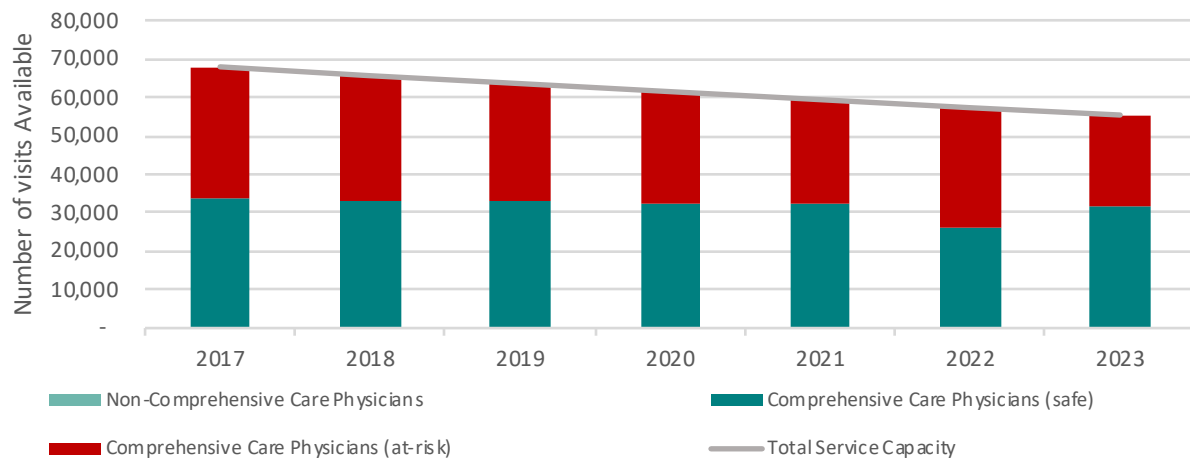
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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
Chiropractors	13	12	12
Dietitians	0	0	6
Midwives	0	0	0
NPs	27	54	62
OTs	0	0	0
Optometrists	0	8	8
Pharmacists	233	222	88
PTs	0	0	0
Psychologists	0	0	0
RNs	0	0	6
RPNs	0	0	0
RTs	0	0	0
SLPs	0	0	0

#### Number of Comprehensive Primary Care Physicians

2016	13
2017	11

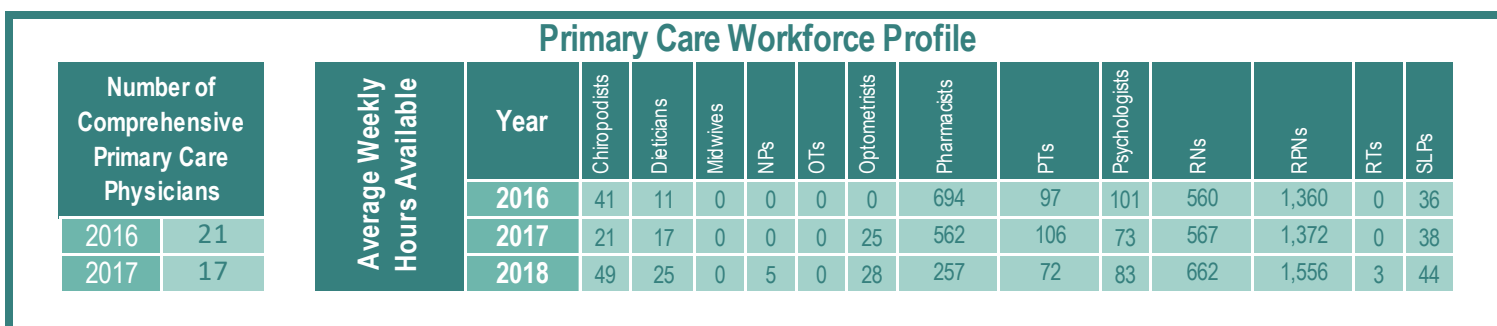
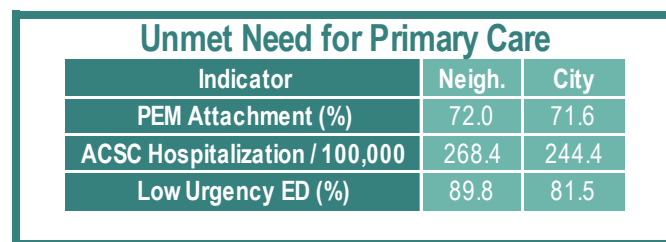
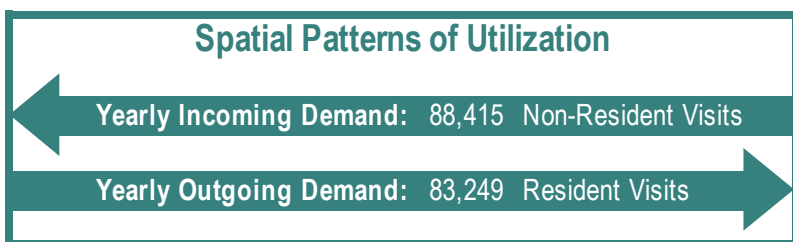
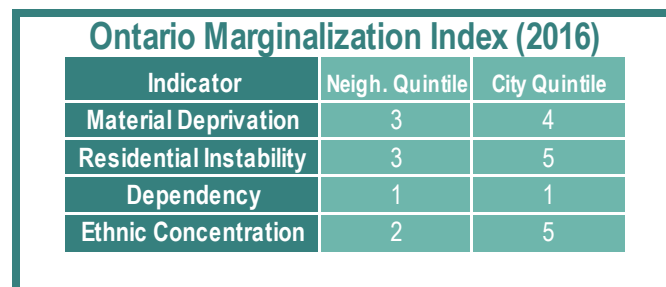
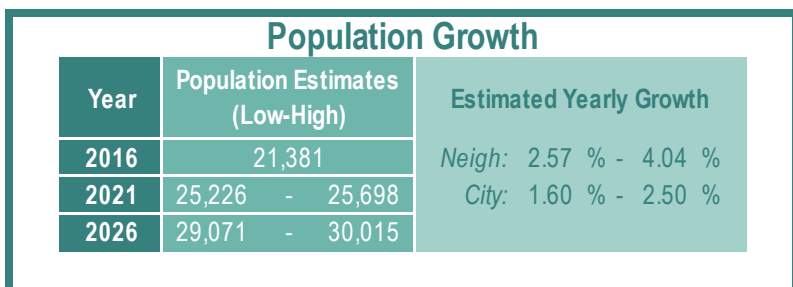
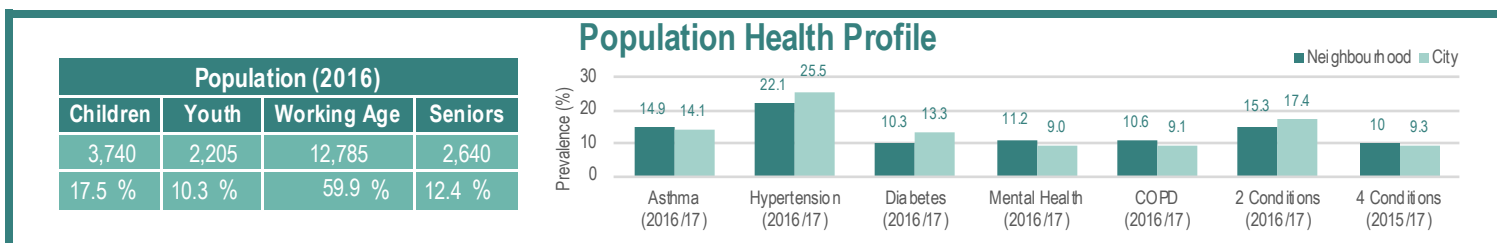
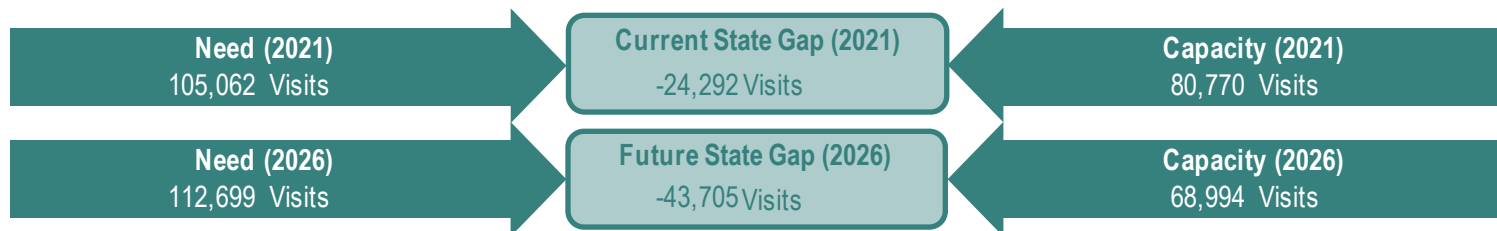
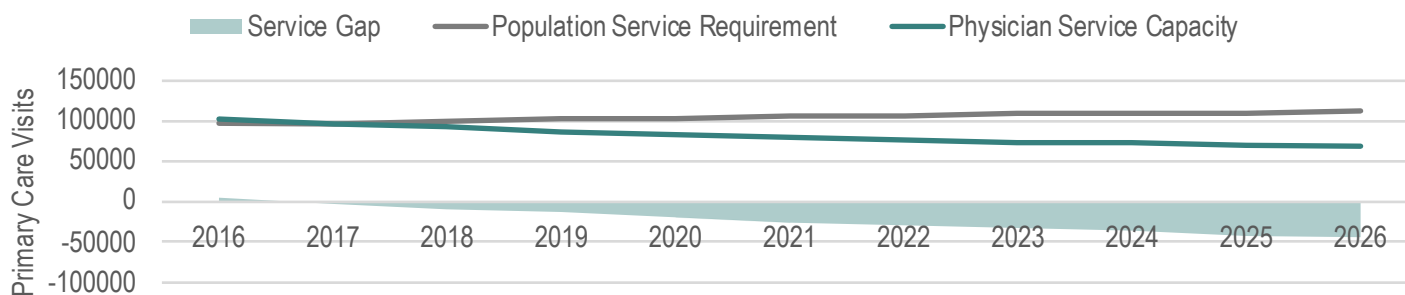
	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	33,647	33,273	32,899	32,525	32,151	26,282	31,403
Comprehensive Care Physicians' At-Risk Service Capacity	34,254	32,540	30,826	29,112	27,398	31,179	23,970
Non-Comprehensive Care Physicians' Service Capacity	0						
Total Service Capacity	67,901	65,813	63,725	61,637	59,549	57,461	55,373





# Primary Care Workforce Planning

Neighbourhood Profile: East End-Danforth





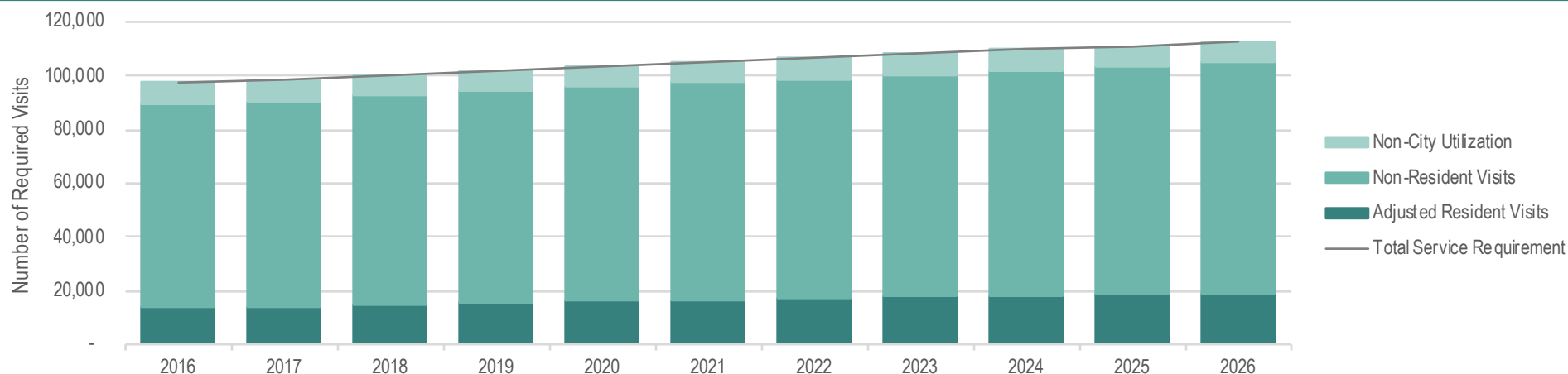
# Primary Care Workforce Planning

## Service Requirements Module: East End-Danforth

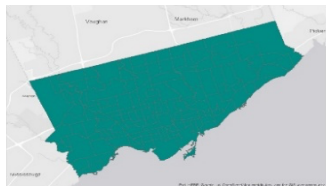
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	23,218	24,067	24,916	25,765	26,614	27,463	28,311	29,160	30,009	30,858	31,707
Resident Visits	84,620	84,737	90,808	93,902	96,996	100,090	103,184	106,278	109,372	112,465	115,559
Proportion of Care Accessed Within Home Neighbourhood	16.6%										
Resident Visits Adjusted for Spatial Patterns of Utilization	14,047	14,066	15,074	15,588	16,101	16,615	17,128	17,642	18,156	18,669	19,183
Non-Resident Visits	75,574	76,237	77,601	78,615	79,629	80,642	81,656	82,670	83,684	84,697	85,711
Non-City Utilization	7,805										
Total Service Requirement	97,426	98,108	100,480	102,008	103,535	105,062	106,590	108,117	109,644	111,172	112,699



# Primary Care Workforce Planning

## Service Capacity Module: East End-Danforth

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

#### Total Service Capacity =

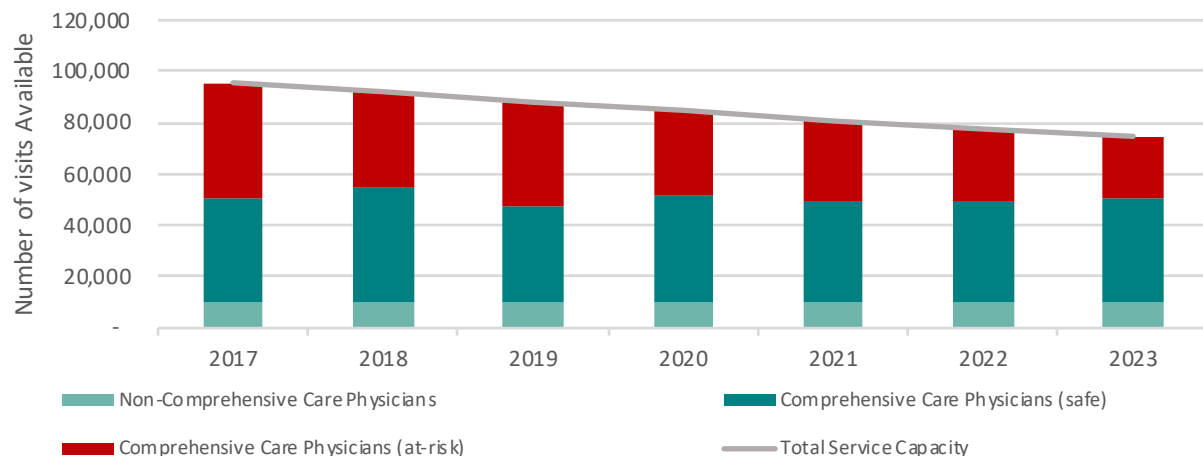
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



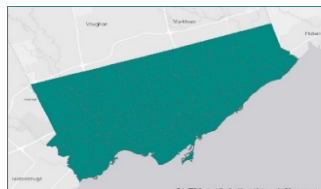
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiropractors	41	21	49
Dieticians	11	17	25
Midwives	0	0	0
NPs	0	0	5
OTs	0	0	0
Optometrists	0	25	28
Pharmacists	694	562	257
PTs	97	106	72
Psychologists	101	73	83
RNs	560	567	662
RPNs	1,360	1,372	1,556
RTs	0	0	3
SLPs	36	38	44

#### Number of Comprehensive Primary Care Physicians

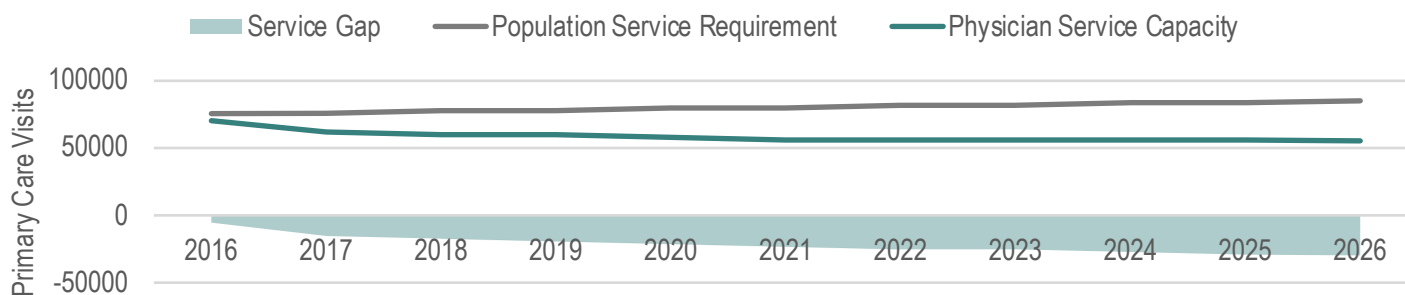
2016	21
2017	17

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	39,760	43,757	37,404	40,936	38,712	39,366	40,020
Comprehensive Care Physicians' At-Risk Service Capacity	45,389	37,673	40,307	33,056	31,561	27,389	24,225
Non-Comprehensive Care Physicians' Service Capacity	10,497						
Total Service Capacity	95,646	91,927	88,208	84,489	80,770	77,252	74,742



# Primary Care Workforce Planning

## Neighbourhood Profile: The Beaches



**Need (2021)**  
80,371 Visits

**Current State Gap (2021)**  
-23,368 Visits

**Capacity (2021)**  
57,003 Visits

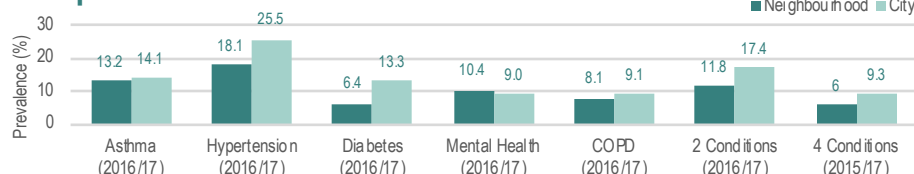
**Need (2026)**  
85,121 Visits

**Future State Gap (2026)**  
-29,758 Visits

**Capacity (2026)**  
55,363 Visits

Population (2016)			
Children	Youth	Working Age	Seniors
3,835	2,065	12,725	2,960
17.8 %	9.6 %	59.0 %	13.7 %

### Population Health Profile



### Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	21,567	Neigh: 0.16 % - 0.25 % City: 1.60 % - 2.50 %
2021	21,806 - 21,836	
2026	22,046 - 22,105	

### Ontario Marginalization Index (2016)

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

### Spatial Patterns of Utilization

← **Yearly Incoming Demand:** 62,661 Non-Resident Visits

**Yearly Outgoing Demand:** 60,174 Resident Visits →

### Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	68.8	71.6
ACSC Hospitalization / 100,000	132.0	244.4
Low Urgency ED (%)	78.8	81.5

### Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiroprodists	Dieticians	Midwives	NPs	OTs	Optometlists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	9		2016	13	0	0	0	27	0	362	160	39	19	75	0	47
2017	6		2017	13	0	0	0	8	114	343	103	64	33	29	0	52
			2018	9	0	0	15	11	117	143	141	64	41	31	0	46



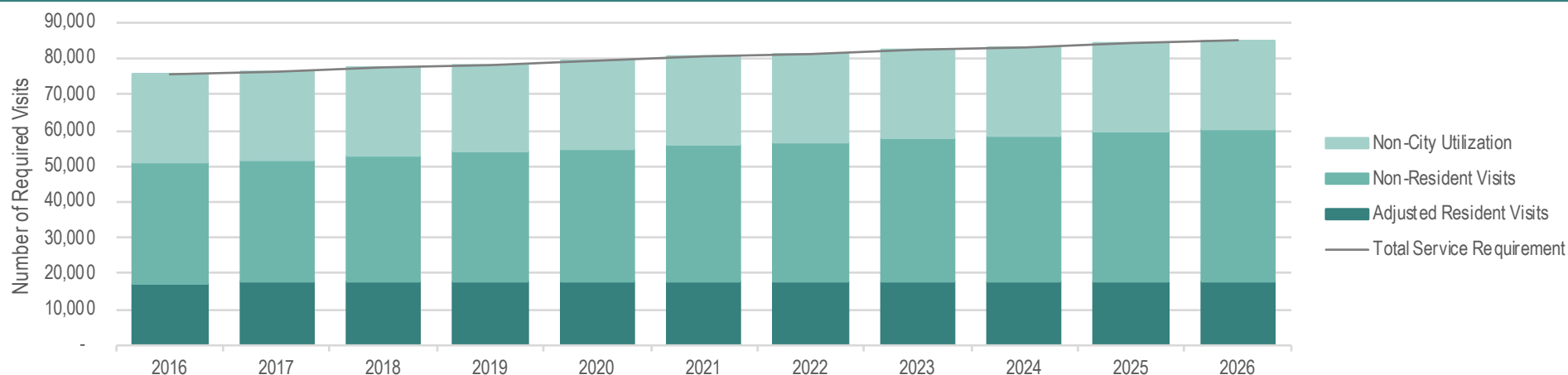
# Primary Care Workforce Planning

## Service Requirements Module: The Beaches

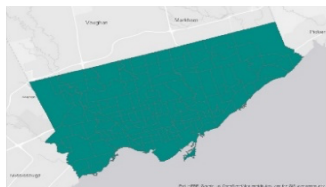
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	22,582	22,635	22,688	22,740	22,793	22,846	22,899	22,952	23,004	23,057	23,110
Resident Visits	76,880	77,779	77,240	77,420	77,600	77,779	77,959	78,139	78,319	78,498	78,678
Proportion of Care Accessed Within Home Neighbourhood	22.7%										
Resident Visits Adjusted for Spatial Patterns of Utilization	17,452	17,656	17,533	17,574	17,615	17,656	17,697	17,738	17,778	17,819	17,860
Non-Resident Visits	33,672	33,984	35,490	36,400	37,309	38,218	39,127	40,037	40,946	41,855	42,764
Non-City Utilization	24,497										
Total Service Requirement	75,621	76,136	77,521	78,471	79,421	80,371	81,321	82,271	83,221	84,171	85,121



# Primary Care Workforce Planning

## Service Capacity Module: The Beaches

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

#### Total Service Capacity =

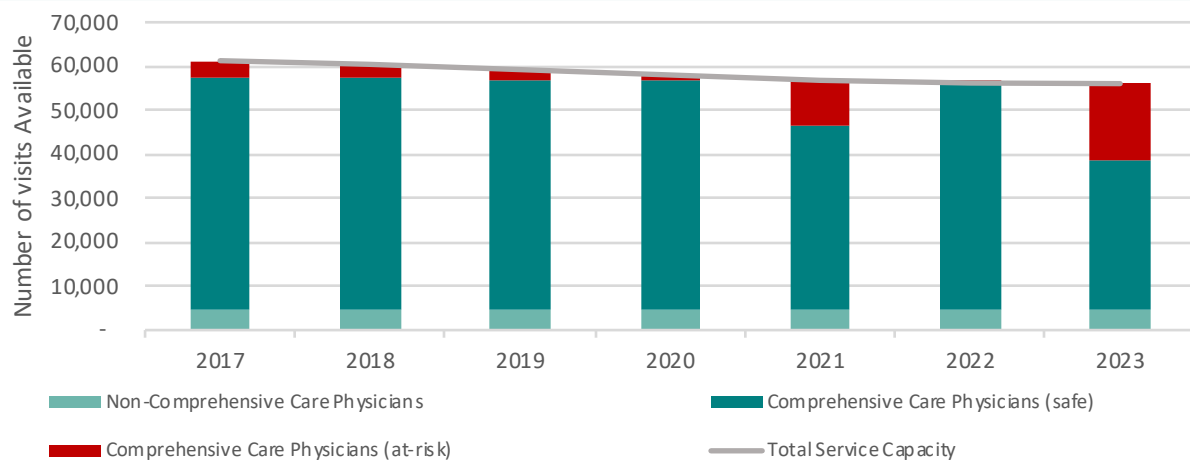
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



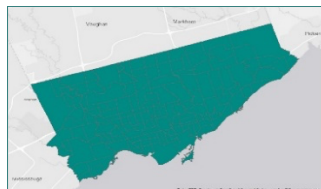
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	13	13	9
Dieticians	0	0	0
Midwives	0	0	0
NPs	0	0	15
OTs	27	8	11
Optometrists	0	114	117
Pharmacists	362	343	143
PTs	160	103	141
Psychologists	39	64	64
RNs	19	33	41
RPNs	75	29	31
RTs	0	0	0
SLPs	47	52	46

#### Number of Comprehensive Primary Care Physicians

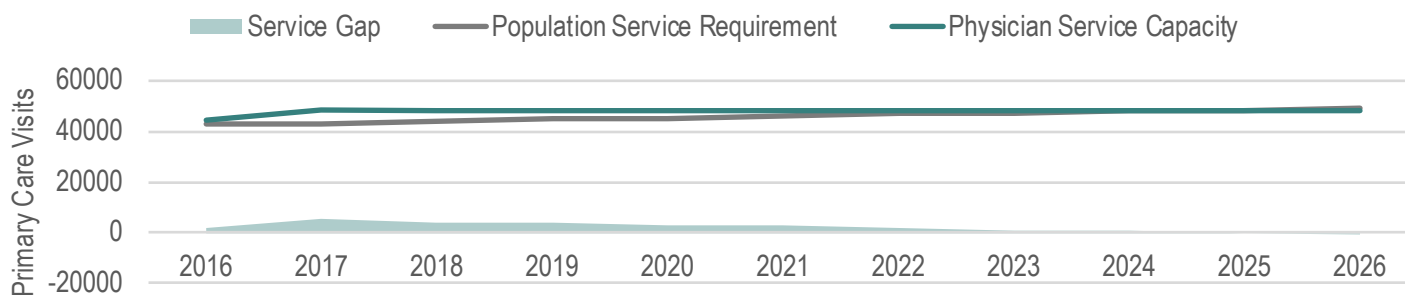
2016	9
2017	6

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	52,686	52,458	52,230	52,002	41,910	51,546	34,035
Comprehensive Care Physicians' At-Risk Service Capacity	3,851	2,967	2,083	1,199	10,364	11	17,283
Non-Comprehensive Care Physicians' Service Capacity	4,729						
Total Service Capacity	61,266	60,154	59,042	57,930	57,003	56,286	56,047



# Primary Care Workforce Planning

Neighbourhood Profile: Woodbine Corridor



**Need (2021)**  
46,026 Visits

**Current State Gap (2021)**  
+2,201 Visits

**Capacity (2021)**  
48,227 Visits

**Need (2026)**  
49,163 Visits

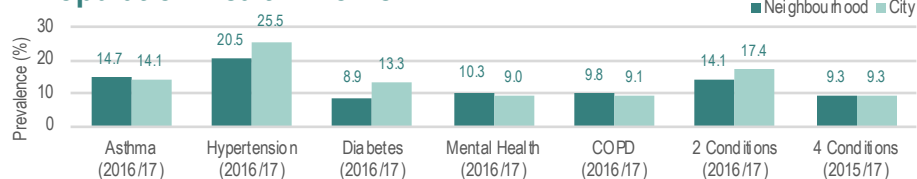
**Future State Gap (2026)**  
-915 Visits

**Capacity (2026)**  
48,248 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
2,320	1,040	7,790	1,375
18.5 %	8.3 %	62.1 %	11.0 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	12,541	Neigh: 0.36 % - 0.57 % City: 1.60 % - 2.50 %
2021	12,860 - 12,896	
2026	13,179 - 13,250	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 42,303 Non-Resident Visits

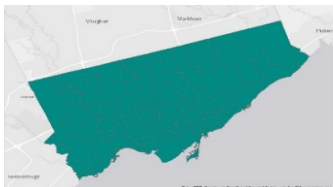
Yearly Outgoing Demand: 43,604 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	74.3	71.6
ACSC Hospitalization / 100,000	342.2	244.4
Low Urgency ED (%)	96.6	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
			2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016
2016	17	2016	0	17	15	32	17	15	294	316	0	66	1	0	32
2017	16	2017	21	23	36	29	23	162	365	0	57	83	0	0	34
		2018	0	0	0	0	0	48	113	0	45	24	0	0	29



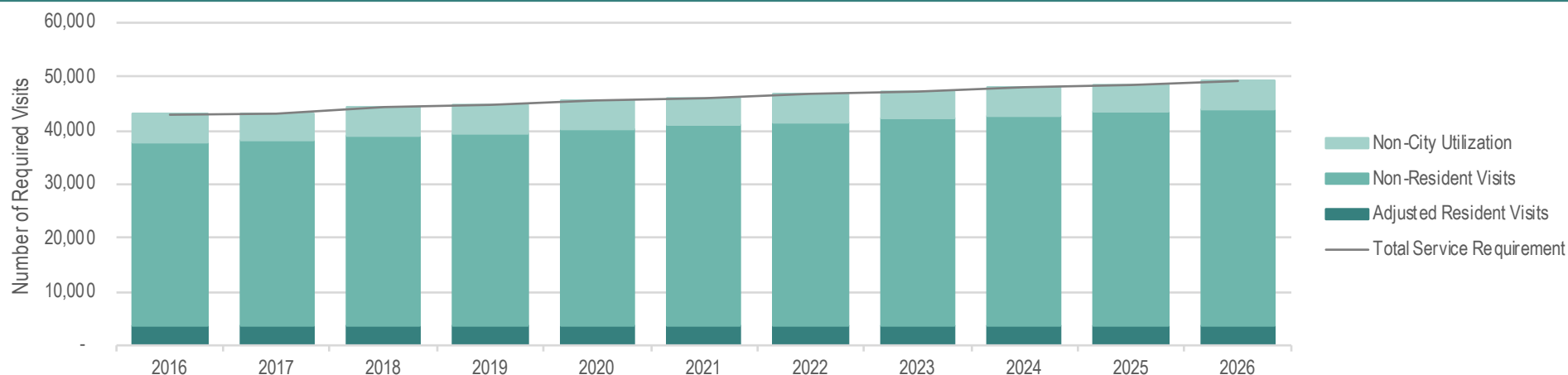
# Primary Care Workforce Planning

## Service Requirements Module: Woodbine Corridor

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

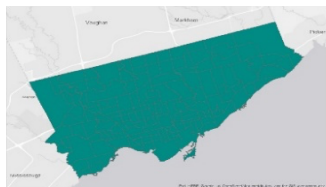
#### Total Service Requirements =

- 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	13,106	13,176	13,246	13,316	13,386	13,456	13,525	13,595	13,665	13,735	13,805
Resident Visits	46,056	46,404	46,547	46,792	47,038	47,284	47,529	47,775	48,021	48,266	48,512
Proportion of Care Accessed Within Home Neighbourhood	7.8%										
Resident Visits Adjusted for Spatial Patterns of Utilization	3,592	3,620	3,631	3,650	3,669	3,688	3,707	3,726	3,746	3,765	3,784
Non-Resident Visits	34,115	34,342	35,332	35,940	36,548	37,156	37,764	38,373	38,981	39,589	40,197
Non-City Utilization	5,182										
Total Service Requirement	42,890	43,143	44,144	44,772	45,399	46,026	46,654	47,281	47,908	48,536	49,163





# Primary Care Workforce Planning

## Service Capacity Module: Woodbine Corridor

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

#### Total Service Capacity =

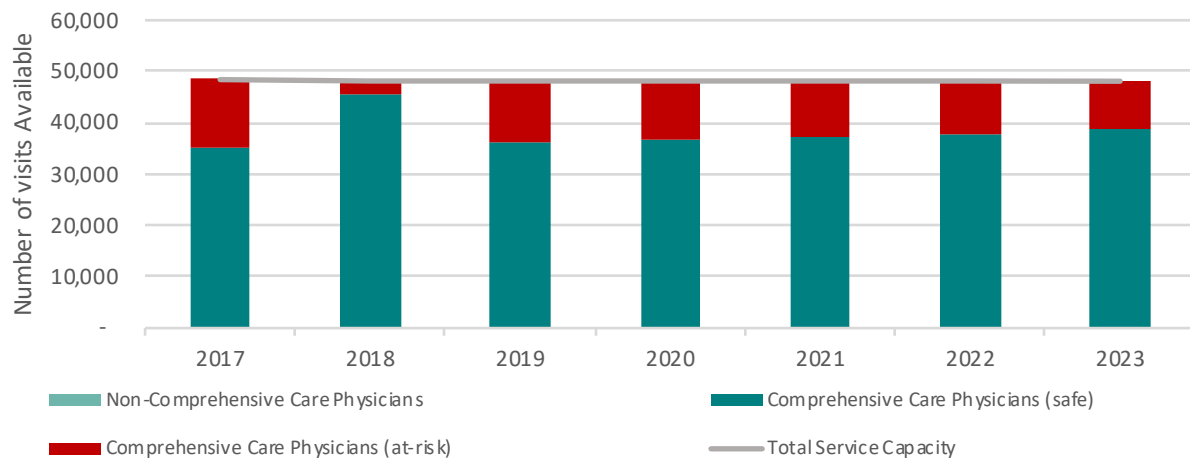
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



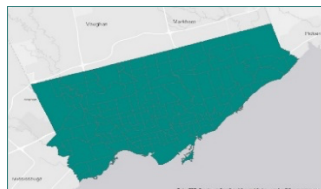
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiropractors	0	17	15
Dieticians	21	23	36
Midwives	0	0	0
NPs	32	29	0
OTs	0	0	0
Optometrists	0	0	0
Pharmacists	294	162	48
PTs	316	365	113
Psychologists	0	0	0
RNs	66	57	45
RPNs	1	83	24
RTs	0	0	0
SLPs	32	34	29

#### Number of Comprehensive Primary Care Physicians

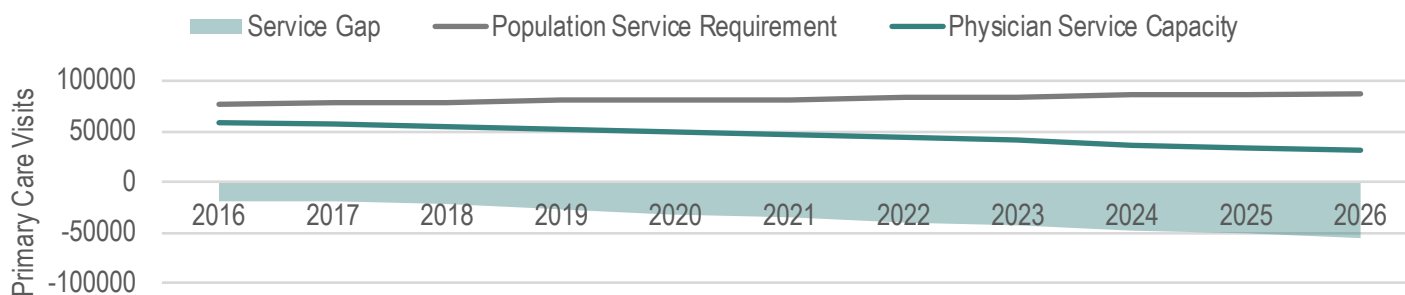
2016	17
2017	16

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	34,975	45,464	36,187	36,793	37,399	38,005	38,611
Comprehensive Care Physicians' At-Risk Service Capacity	13,460	2,919	12,144	11,486	10,828	10,170	9,512
Non-Comprehensive Care Physicians' Service Capacity	0						
Total Service Capacity	48,435	48,383	48,331	48,279	48,227	48,175	48,123



# Primary Care Workforce Planning

Neighbourhood Profile: Greenwood-Coxwell



**Need (2021)**  
81,906 Visits

**Current State Gap (2021)**  
-35,571 Visits

**Capacity (2021)**  
46,335 Visits

**Need (2026)**  
87,081 Visits

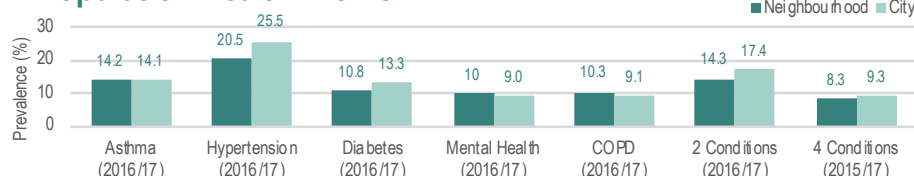
**Future State Gap (2026)**  
-55,869 Visits

**Capacity (2026)**  
31,212 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
2,450	1,315	8,995	1,635
17.0 %	9.1 %	62.4 %	11.3 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	14,417	Neigh: 0.86 % - 1.35 % City: 1.60 % - 2.50 %
2021	15,286 - 15,389	
2026	16,156 - 16,360	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 74,338 Non-Resident Visits

Yearly Outgoing Demand: 48,950 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	76.4	71.6
ACSC Hospitalization / 100,000	341.2	244.4
Low Urgency ED (%)	90.5	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	10															
2017	10															
2018	10															
2016	10		2016	69	79	0	125	6	0	162	41	0	14	22	0	13
2017	10		2017	64	74	0	99	7	0	204	45	0	0	11	0	14
2018	10		2018	55	54	0	118	5	0	138	4	0	12	37	0	9



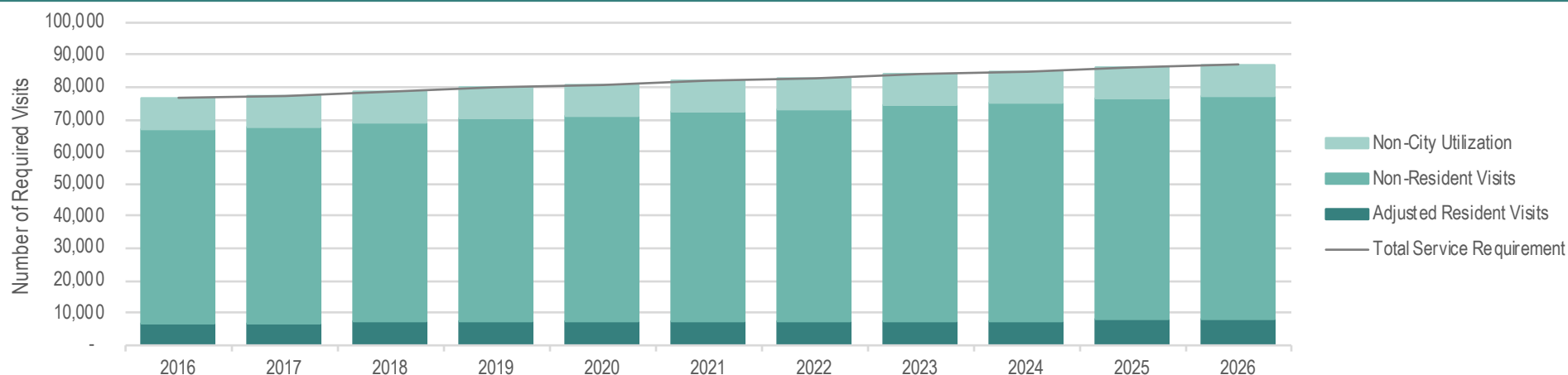
# Primary Care Workforce Planning

## Service Requirements Module: Greenwood-Coxwell

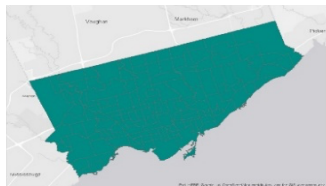
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	15,124	15,315	15,507	15,698	15,889	16,081	16,272	16,463	16,654	16,846	17,037
Resident Visits	53,135	53,404	54,479	55,151	55,823	56,495	57,168	57,840	58,512	59,184	59,856
Proportion of Care Accessed Within Home Neighbourhood	13.3%										
Resident Visits Adjusted for Spatial Patterns of Utilization	7,067	7,103	7,246	7,335	7,425	7,514	7,603	7,693	7,782	7,871	7,961
Non-Resident Visits	59,967	60,322	61,858	62,804	63,750	64,695	65,641	66,586	67,532	68,477	69,423
Non-City Utilization	9,697										
Total Service Requirement	76,731	77,121	78,801	79,836	80,871	81,906	82,941	83,976	85,011	86,046	87,081



# Primary Care Workforce Planning

## Service Capacity Module: Greenwood-Coxwell

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

#### Total Service Capacity =

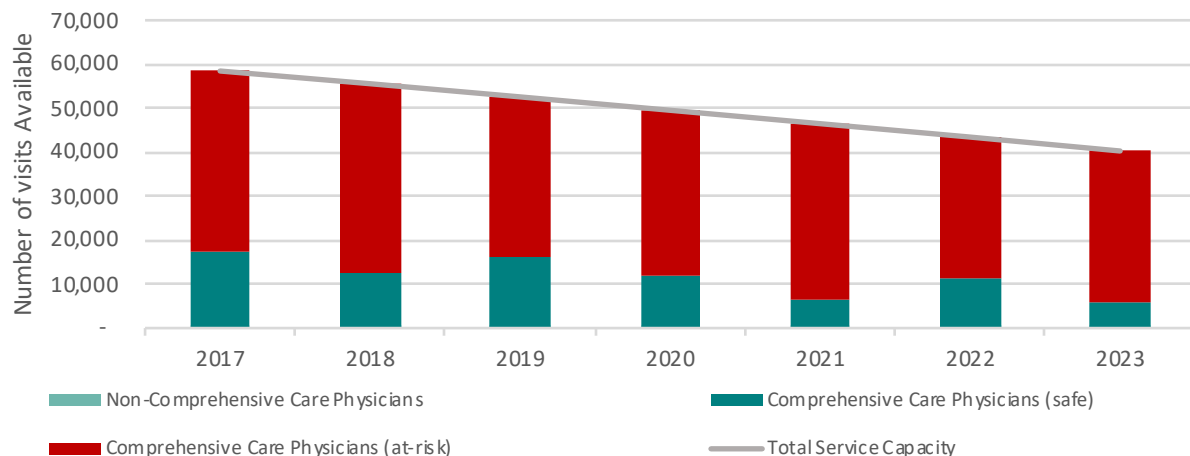
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



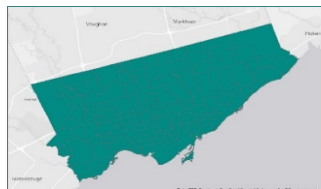
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiropractors	69	64	55
Dieticians	79	74	54
Midwives	0	0	0
NPs	125	99	118
OTs	6	7	5
Optometrists	0	0	0
Pharmacists	162	204	138
PTs	41	45	4
Psychologists	0	0	0
RNs	14	0	12
RPNs	22	11	37
RTs	0	0	0
SLPs	13	14	9

#### Number of Comprehensive Primary Care Physicians

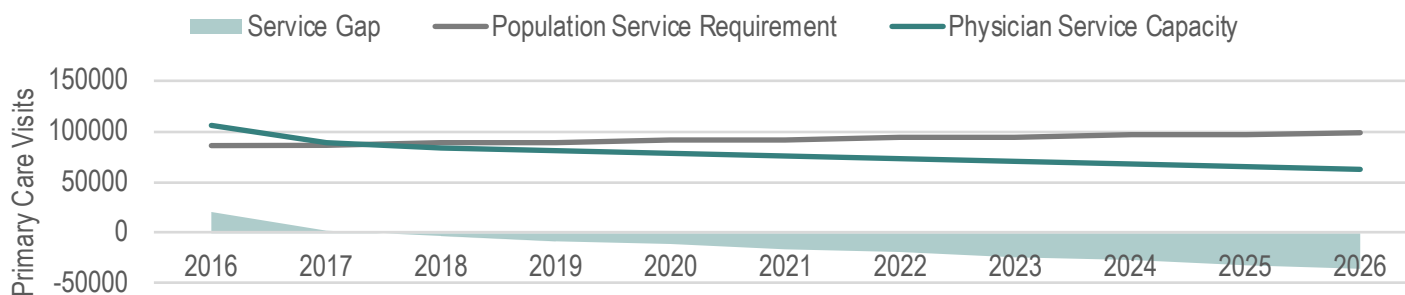
2016	10
2017	10

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	17,551	12,548	16,417	11,906	6,334	11,264	6,046
Comprehensive Care Physicians' At-Risk Service Capacity	40,909	42,880	35,979	37,458	39,998	32,036	34,222
Non-Comprehensive Care Physicians' Service Capacity	3						
Total Service Capacity	58,463	55,431	52,399	49,367	46,335	43,303	40,271



# Primary Care Workforce Planning

Neighbourhood Profile: Danforth



**Need (2021)**  
92,172 Visits

**Current State Gap (2021)**  
-16,293 Visits

**Capacity (2021)**  
75,879 Visits

**Need (2026)**  
98,547 Visits

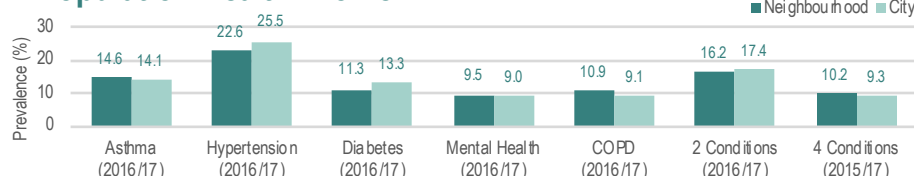
**Future State Gap (2026)**  
-36,293 Visits

**Capacity (2026)**  
62,254 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
1,675	905	5,565	1,515
17.3 %	9.4 %	57.6 %	15.7 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	9,666	Neigh: 0.13 % - 0.20 % City: 1.60 % - 2.50 %
2021	9,754 - 9,763	
2026	9,842 - 9,860	

## 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: 89,370 Non-Resident Visits

Yearly Outgoing Demand: 32,779 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	71.6	71.6
ACSC Hospitalization / 100,000	318.4	244.4
Low Urgency ED (%)	83.6	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	2017															
10	9															
2016	2017		2016	58	0	0	0	49	0	420	44	0	13	49	0	0
			2017	45	0	0	0	65	52	424	26	0	0	42	0	0
			2018	77	0	0	0	68	52	184	20	38	0	37	0	28



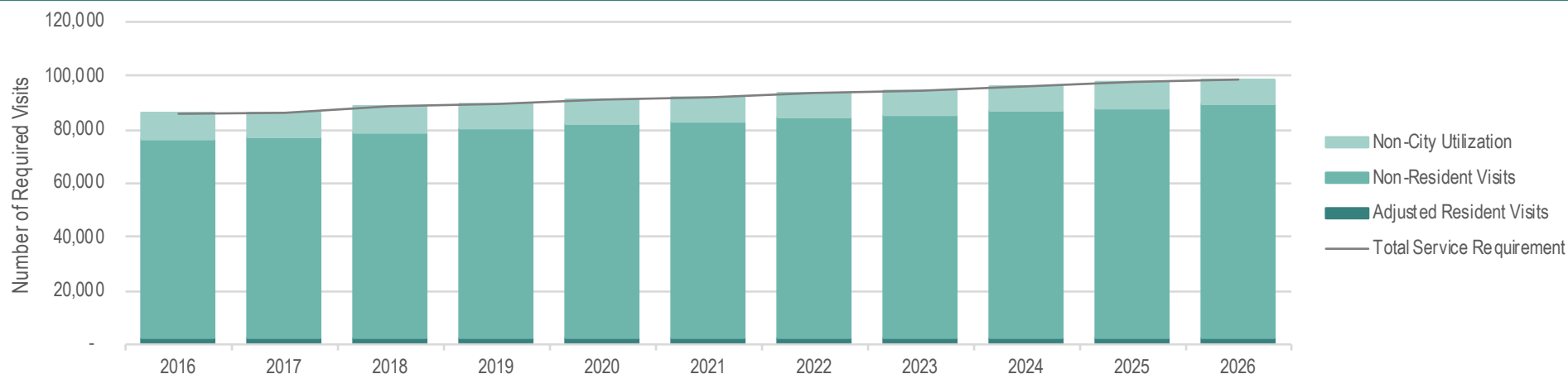
# Primary Care Workforce Planning

## Service Requirements Module: Danforth

### 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	9,904	9,923	9,942	9,961	9,980	9,999	10,017	10,036	10,055	10,074	10,093
Resident Visits	35,190	35,126	35,324	35,391	35,459	35,526	35,593	35,660	35,727	35,794	35,862
Proportion of Care Accessed Within Home Neighbourhood	7.7%										
Resident Visits Adjusted for Spatial Patterns of Utilization	2,710	2,705	2,720	2,725	2,730	2,735	2,741	2,746	2,751	2,756	2,761
Non-Resident Visits	73,917	74,452	76,457	77,726	78,996	80,266	81,536	82,805	84,075	85,345	86,614
Non-City Utilization	9,171										
Total Service Requirement	85,798	86,328	88,348	89,623	90,898	92,172	93,447	94,722	95,997	97,272	98,547



# Primary Care Workforce Planning

## Service Capacity Module: Danforth

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

#### Total Service Capacity =

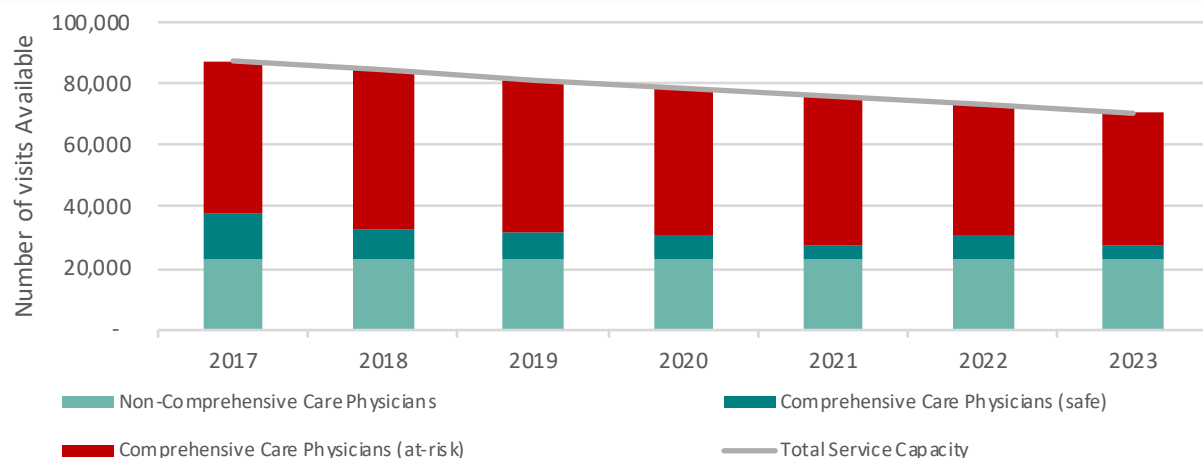
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



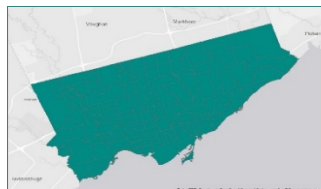
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiropractors	58	45	77
Dieticians	0	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	49	65	68
Optometrists	0	52	52
Pharmacists	420	424	184
PTs	44	26	20
Psychologists	0	0	38
RNs	13	0	0
RPNs	49	42	37
RTs	0	0	0
SLPs	0	0	28

#### Number of Comprehensive Primary Care Physicians

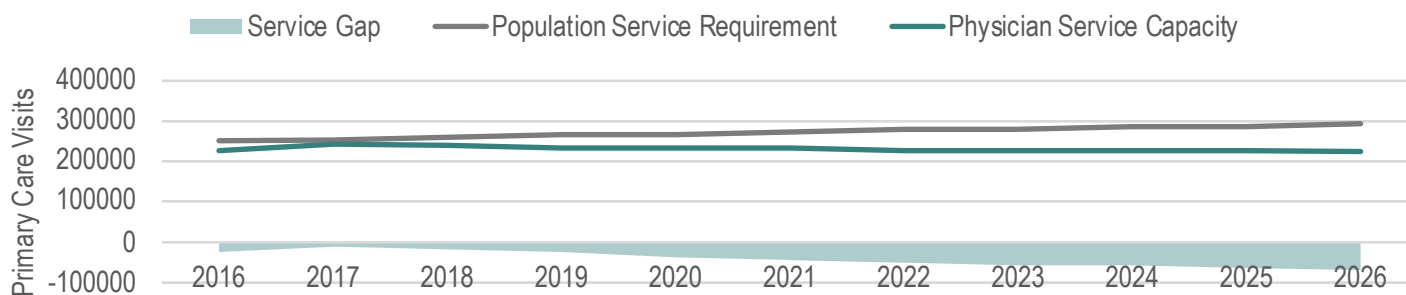
2016	10
2017	9

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	14,866	8,968	8,412	7,890	4,079	7,246	3,789
Comprehensive Care Physicians' At-Risk Service Capacity	49,220	52,159	49,756	47,353	48,439	42,547	43,279
Non-Comprehensive Care Physicians' Service Capacity	23,361						
Total Service Capacity	87,447	84,488	81,529	78,604	75,879	73,154	70,429



# Primary Care Workforce Planning

## Neighbourhood Profile: Playter Estates-Danforth



**Need (2021)**  
272,664 Visits

**Current State Gap (2021)**  
-41,352 Visits

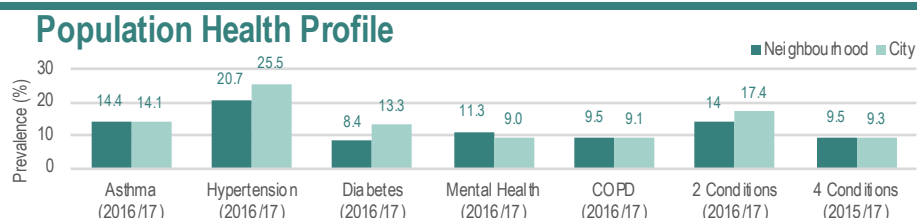
**Capacity (2021)**  
231,312 Visits

**Need (2026)**  
293,778 Visits

**Future State Gap (2026)**  
-68,924 Visits

**Capacity (2026)**  
224,854 Visits

Population (2016)			
Children	Youth	Working Age	Seniors
1,170	720	4,710	1,205
15.0 %	9.2 %	60.3 %	15.4 %



### Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	7,804	Neigh: 0.35 % - 0.55 % City: 1.60 % - 2.50 %
2021	7,993 - 8,017	
2026	8,183 - 8,230	

### 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: 261,120 Non-Resident Visits

Yearly Outgoing Demand: 18,240 Resident Visits

### Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	73.0	71.6
ACSC Hospitalization / 100,000	133.8	244.4
Low Urgency ED (%)	78.8	81.5

### Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiroprodists	Dieticians	Midwives	NPs	OTs	Optometlists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	54		2016	14	18	0	0	5	0	271	99	48	368	248	0	13
2017	50		2017	13	0	0	0	8	103	308	136	61	301	265	31	0
			2018	14	0	0	0	23	111	175	65	77	332	244	18	0





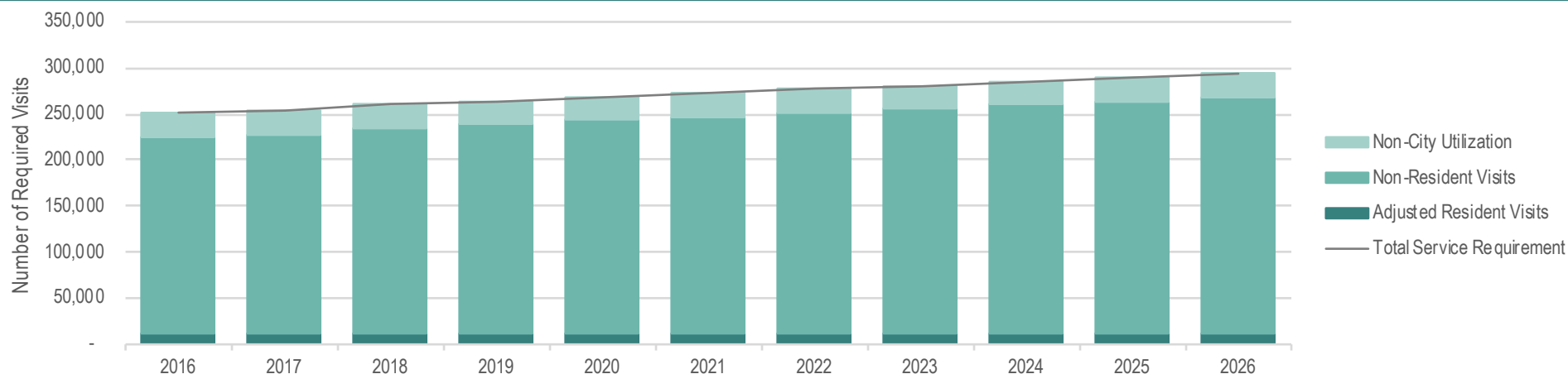
# Primary Care Workforce Planning

## Service Requirements Module: Player Estates-Danforth

### 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	8,116	8,158	8,200	8,242	8,284	8,327	8,369	8,411	8,453	8,495	8,537
Resident Visits	28,794	29,176	29,093	29,242	29,391	29,541	29,690	29,839	29,989	30,138	30,288
Proportion of Care Accessed Within Home Neighbourhood	38.3%										
Resident Visits Adjusted for Spatial Patterns of Utilization	11,028	11,174	11,142	11,200	11,257	11,314	11,371	11,429	11,486	11,543	11,600
Non-Resident Visits	215,062	216,704	223,393	227,559	231,725	235,891	240,056	244,222	248,388	252,553	256,719
Non-City Utilization	25,459										
Total Service Requirement	251,549	253,337	259,995	264,218	268,441	272,664	276,887	281,110	285,332	289,555	293,778



# Primary Care Workforce Planning

## Service Capacity Module: Playter Estates-Danforth

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

#### Total Service Capacity =

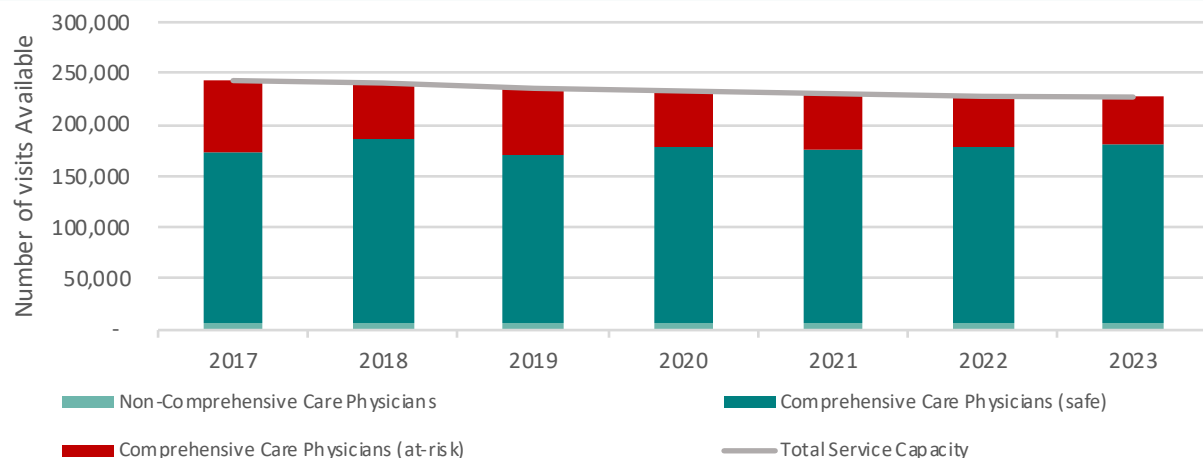
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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

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



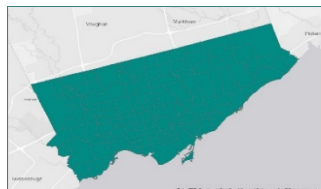
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	14	13	14
Dieticians	18	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	5	8	23
Optometrists	0	103	111
Pharmacists	271	308	175
PTs	99	136	65
Psychologists	48	61	77
RNs	368	301	332
RPNs	248	265	244
RTs	0	31	18
SLPs	13	0	0

#### Number of Comprehensive Primary Care Physicians

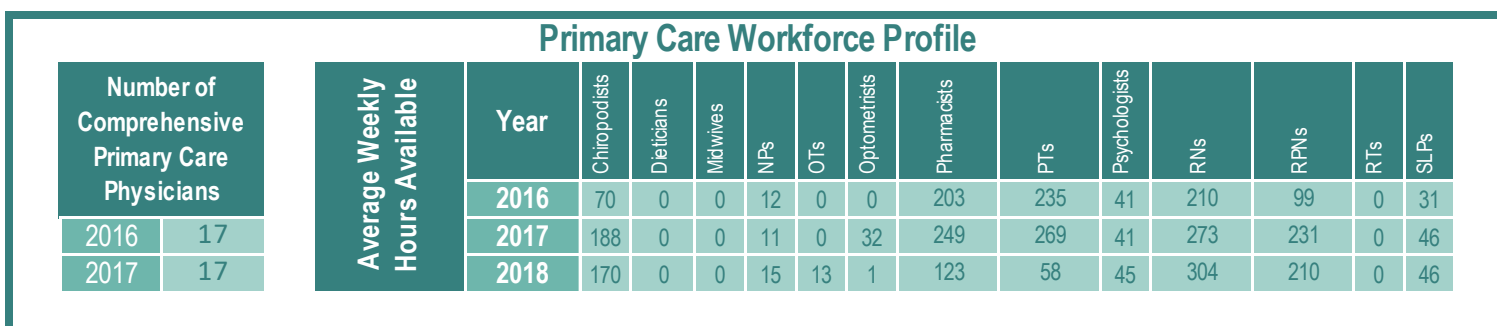
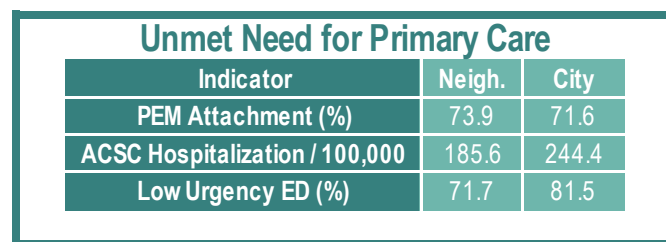
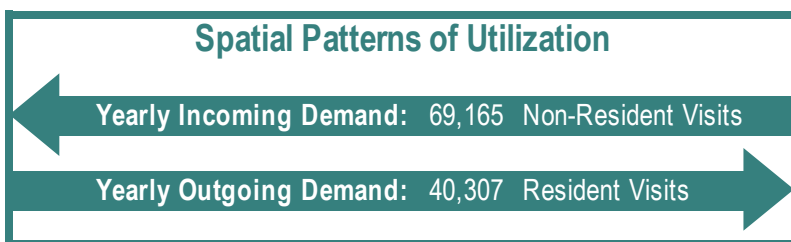
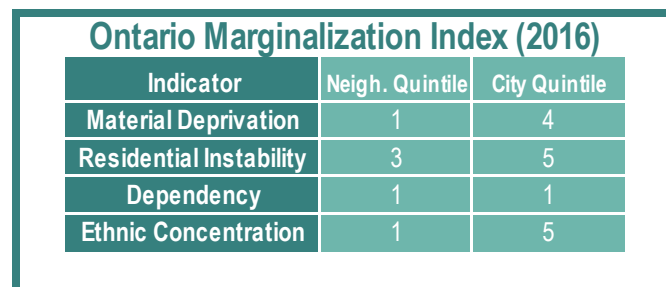
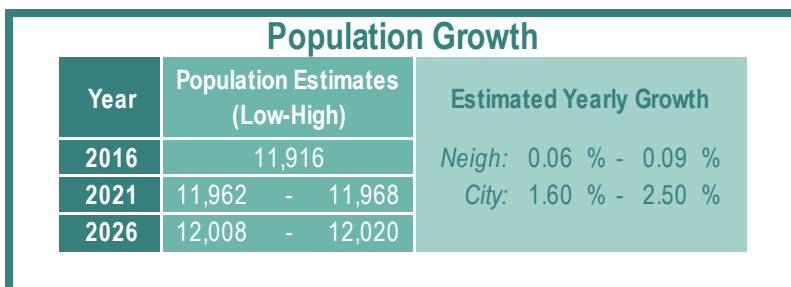
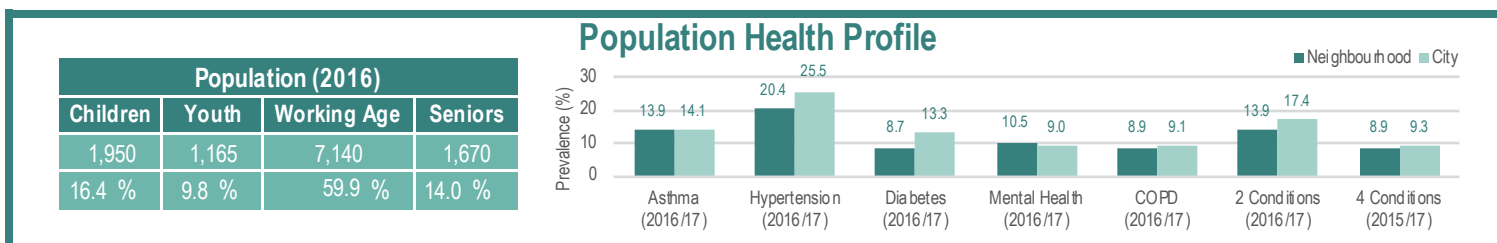
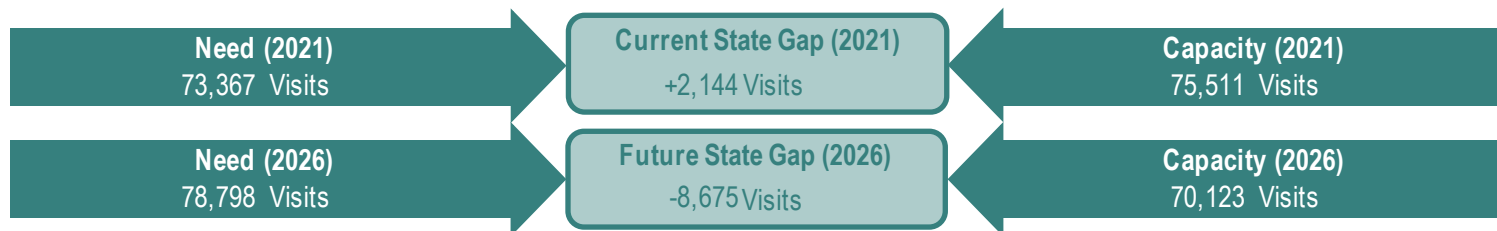
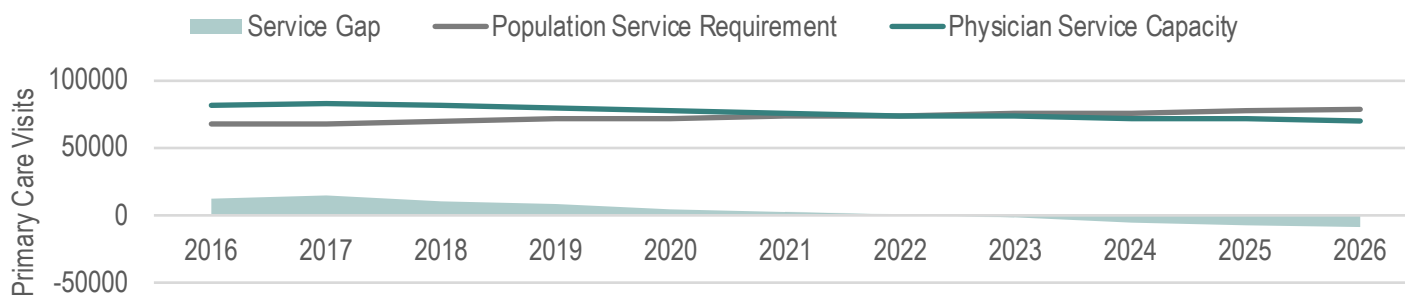
2016	54
2017	50

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	166,328	179,348	163,673	173,846	171,051	172,247	176,113
Comprehensive Care Physicians' At-Risk Service Capacity	70,952	54,784	67,311	54,296	54,366	50,818	45,118
Non-Comprehensive Care Physicians' Service Capacity	5,895						
Total Service Capacity	243,175	240,027	236,879	234,037	231,312	228,960	227,126



# Primary Care Workforce Planning

Neighbourhood Profile: North Riverdale





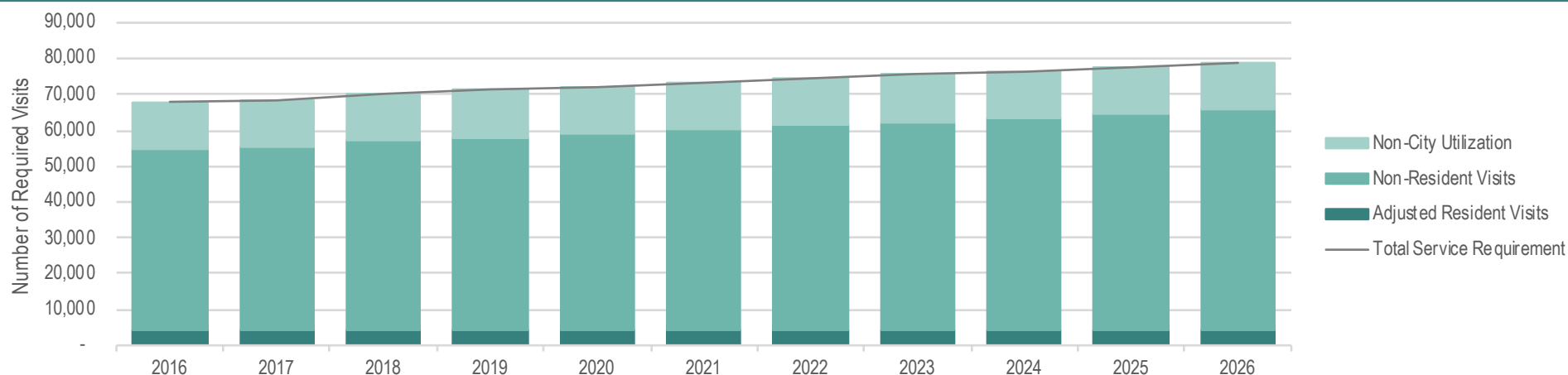
# Primary Care Workforce Planning

## Service Requirements Module: North Riverdale

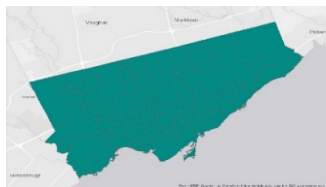
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	12,754	12,764	12,774	12,784	12,794	12,804	12,813	12,823	12,833	12,843	12,853
Resident Visits	44,293	44,053	44,361	44,396	44,430	44,465	44,499	44,533	44,568	44,602	44,636
Proportion of Care Accessed Within Home Neighbourhood	9.3%										
Resident Visits Adjusted for Spatial Patterns of Utilization	4,119	4,097	4,126	4,129	4,132	4,135	4,138	4,142	4,145	4,148	4,151
Non-Resident Visits	50,683	51,030	52,849	53,932	55,015	56,098	57,181	58,264	59,347	60,430	61,513
Non-City Utilization	13,134										
Total Service Requirement	67,936	68,261	70,108	71,195	72,281	73,367	74,453	75,540	76,626	77,712	78,798



# Primary Care Workforce Planning

## Service Capacity Module: North Riverdale

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

#### Total Service Capacity =

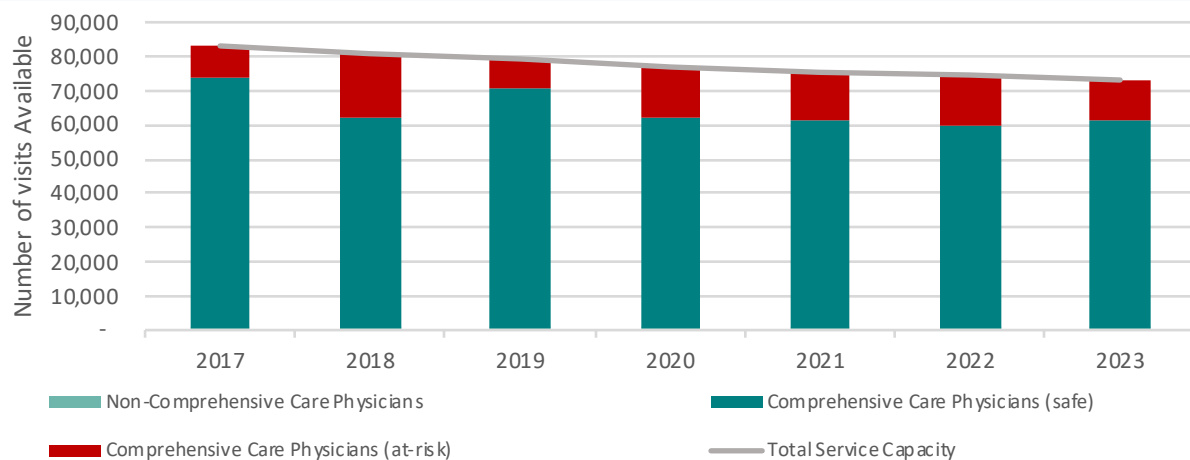
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



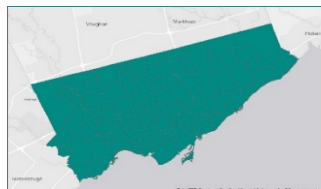
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	70	188	170
Dieticians	0	0	0
Midwives	0	0	0
NPs	12	11	15
OTs	0	0	13
Optometrists	0	32	1
Pharmacists	203	249	123
PTs	235	269	58
Psychologists	41	41	45
RNs	210	273	304
RPNs	99	231	210
RTs	0	0	0
SLPs	31	46	46

#### Number of Comprehensive Primary Care Physicians

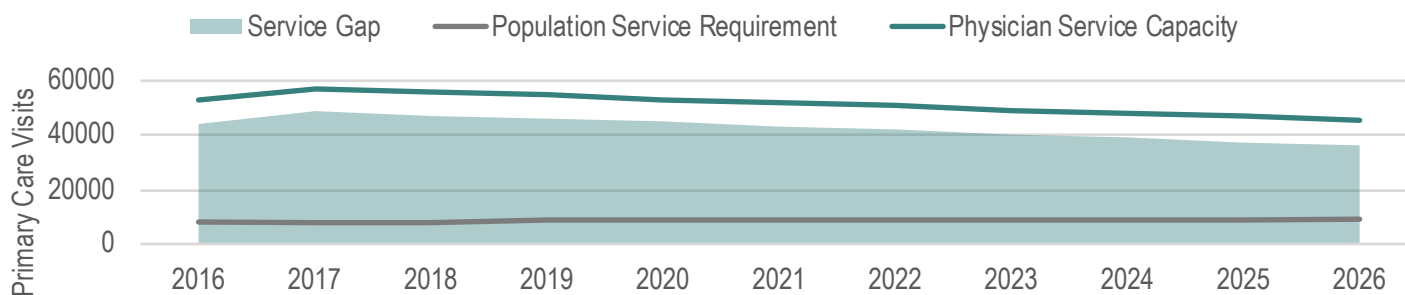
2016	17
2017	17

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	73,042	61,990	70,361	61,454	61,186	59,686	60,650
Comprehensive Care Physicians' At-Risk Service Capacity	9,589	18,598	8,184	15,138	13,870	14,173	12,012
Non-Comprehensive Care Physicians' Service Capacity	455						
Total Service Capacity	83,086	81,043	79,000	77,047	75,511	74,314	73,117



# Primary Care Workforce Planning

Neighbourhood Profile: Blake-Jones



**Need (2021)**  
8,610 Visits

**Current State Gap (2021)**  
+43,277 Visits

**Capacity (2021)**  
51,887 Visits

**Need (2026)**  
9,126 Visits

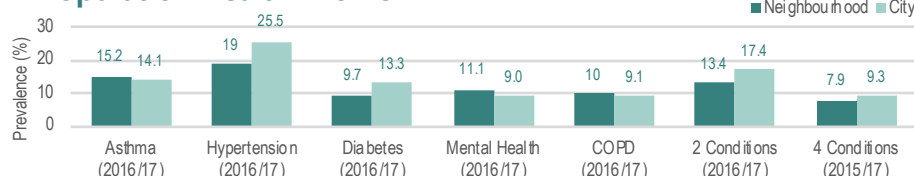
**Future State Gap (2026)**  
+36,356 Visits

**Capacity (2026)**  
45,482 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
1,410	880	4,545	890
18.2 %	11.4 %	58.8 %	11.5 %

## Population Health Profile



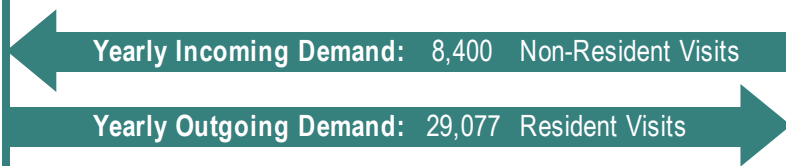
## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	7,727	Neigh: 0.13 % - 0.21 %
2021	7,798 - 7,809	City: 1.60 % - 2.50 %
2026	7,870 - 7,890	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

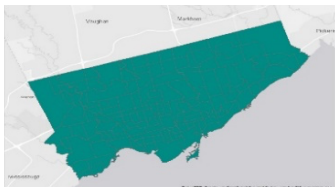


## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	74.5	71.6
ACSC Hospitalization / 100,000	219.0	244.4
Low Urgency ED (%)	95.2	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractists	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	8		2016	0	0	0	0	0	0	195	10	8	0	28	0	0
2017	8		2017	0	0	0	0	3	0	149	15	8	0	22	0	0
2017	8		2018	0	0	0	0	0	0	20	20	8	0	16	0	0



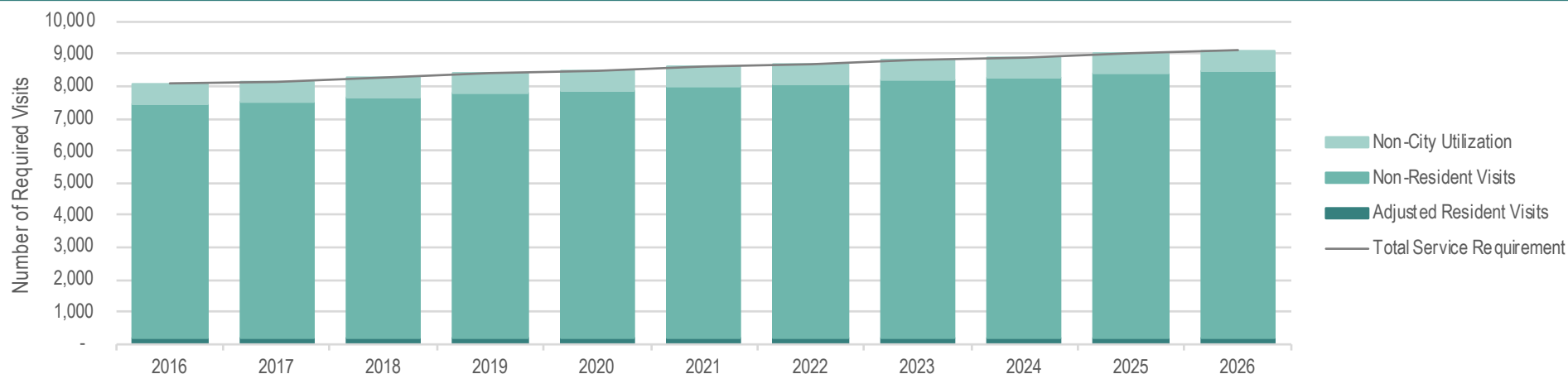
# Primary Care Workforce Planning

## Service Requirements Module: Blake-Jones

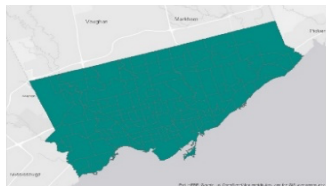
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	8,261	8,277	8,293	8,308	8,324	8,340	8,356	8,372	8,387	8,403	8,419
Resident Visits	29,040	28,701	29,152	29,207	29,263	29,318	29,374	29,429	29,485	29,540	29,596
Proportion of Care Accessed Within Home Neighbourhood	0.7%										
Resident Visits Adjusted for Spatial Patterns of Utilization	203	201	204	204	205	205	206	206	206	207	207
Non-Resident Visits	7,255	7,308	7,460	7,563	7,666	7,769	7,871	7,974	8,077	8,180	8,282
Non-City Utilization	636										
Total Service Requirement	8,094	8,145	8,300	8,404	8,507	8,610	8,713	8,816	8,919	9,022	9,126



# Primary Care Workforce Planning

## Service Capacity Module: Blake-Jones

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

#### Total Service Capacity =

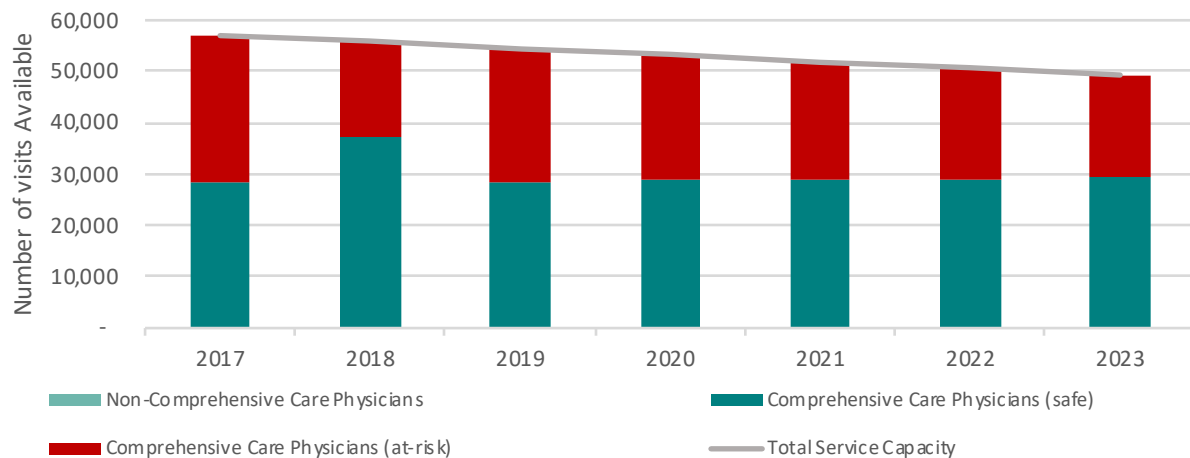
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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
Chiropractors	0	0	0
Dieticians	0	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	0	3	0
Optometrists	0	0	0
Pharmacists	195	149	20
PTs	10	15	20
Psychologists	8	8	8
RNs	0	0	0
RPNs	28	22	16
RTs	0	0	0
SLPs	0	0	0

#### Number of Comprehensive Primary Care Physicians

2016	8
2017	8

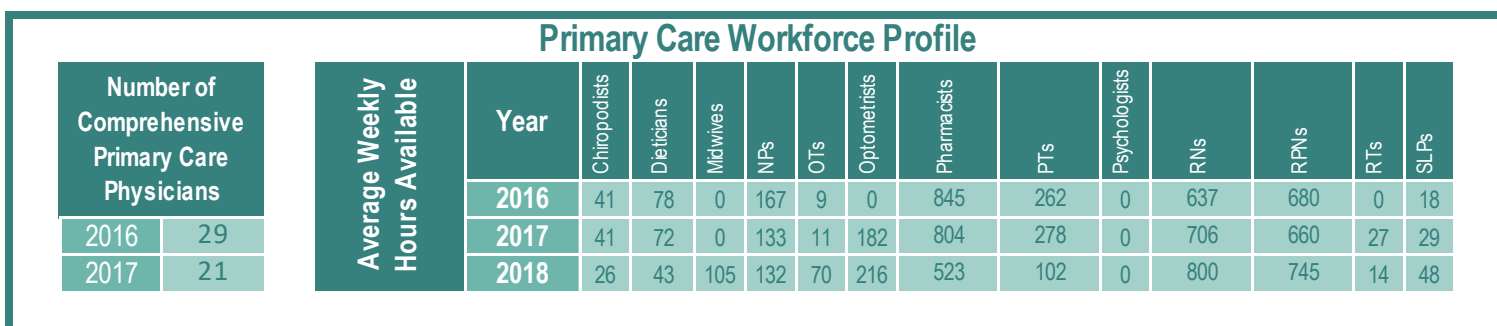
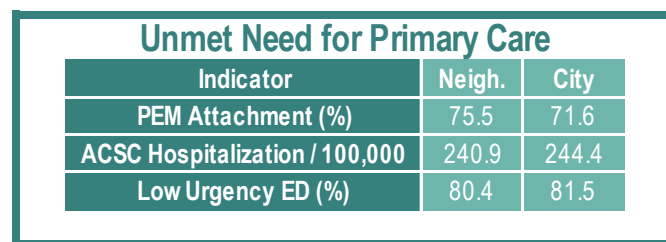
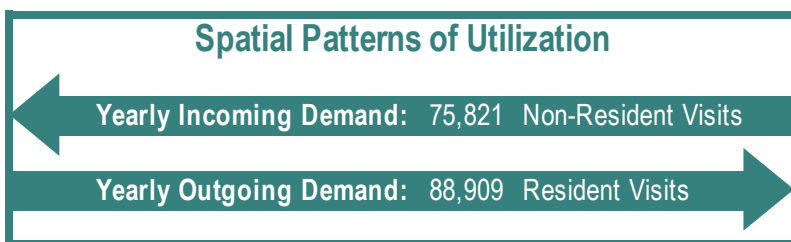
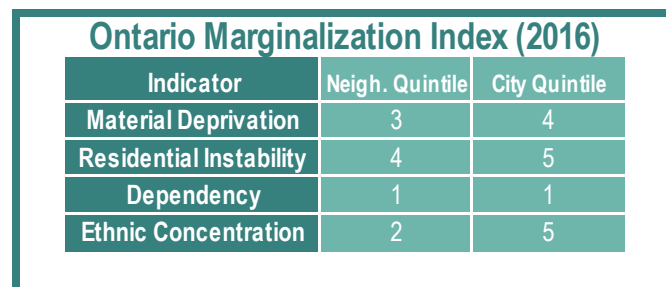
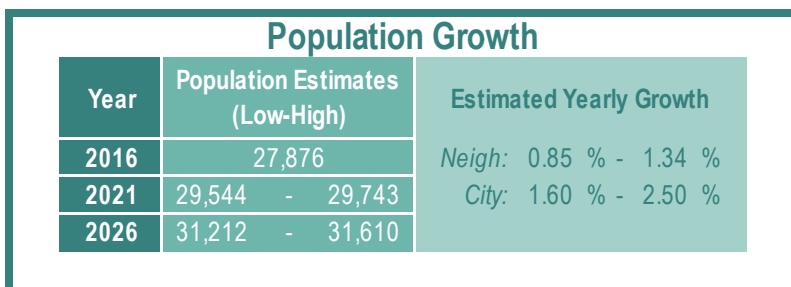
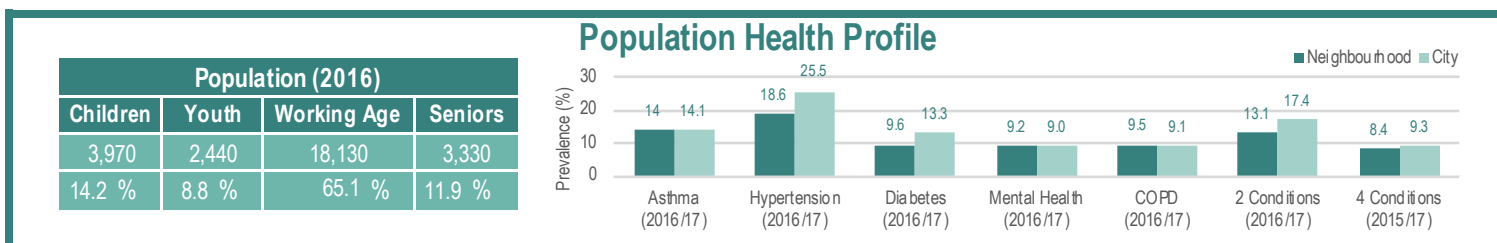
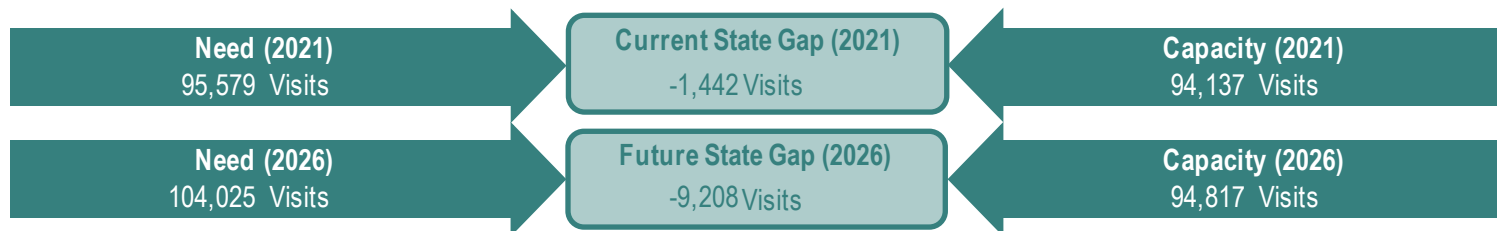
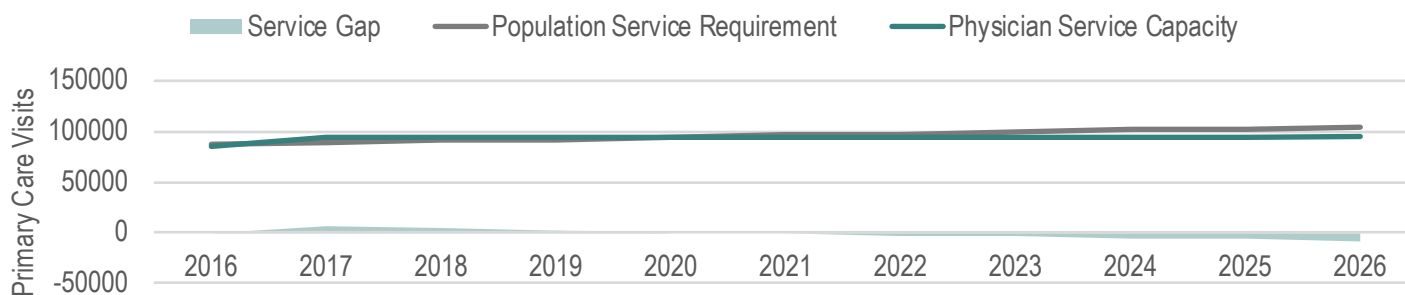
	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	28,297	36,996	28,645	28,819	28,993	29,167	29,341
Comprehensive Care Physicians' At-Risk Service Capacity	28,714	18,734	25,804	24,349	22,894	21,439	19,984
Non-Comprehensive Care Physicians' Service Capacity	0						
Total Service Capacity	57,011	55,730	54,449	53,168	51,887	50,606	49,325





# Primary Care Workforce Planning

Neighbourhood Profile: South Riverdale





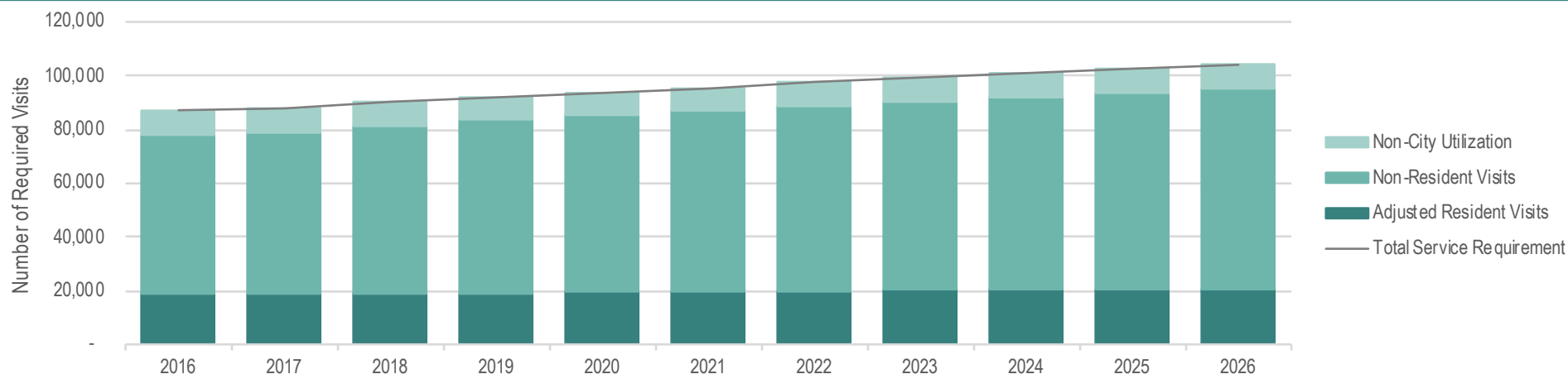
# Primary Care Workforce Planning

## Service Requirements Module: South Riverdale

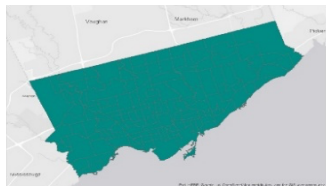
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	29,483	29,850	30,218	30,585	30,953	31,320	31,687	32,055	32,422	32,790	33,157
Resident Visits	102,279	102,518	104,829	106,103	107,378	108,652	109,927	111,201	112,476	113,750	115,025
Proportion of Care Accessed Within Home Neighbourhood	18.1%										
Resident Visits Adjusted for Spatial Patterns of Utilization	18,513	18,556	18,974	19,205	19,435	19,666	19,897	20,127	20,358	20,589	20,820
Non-Resident Visits	59,759	60,213	62,676	64,135	65,593	67,052	68,510	69,969	71,427	72,886	74,344
Non-City Utilization	8,861										
Total Service Requirement	87,133	87,629	90,511	92,201	93,890	95,579	97,268	98,957	100,647	102,336	104,025



# Primary Care Workforce Planning

## Service Capacity Module: South Riverdale

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

#### Total Service Capacity =

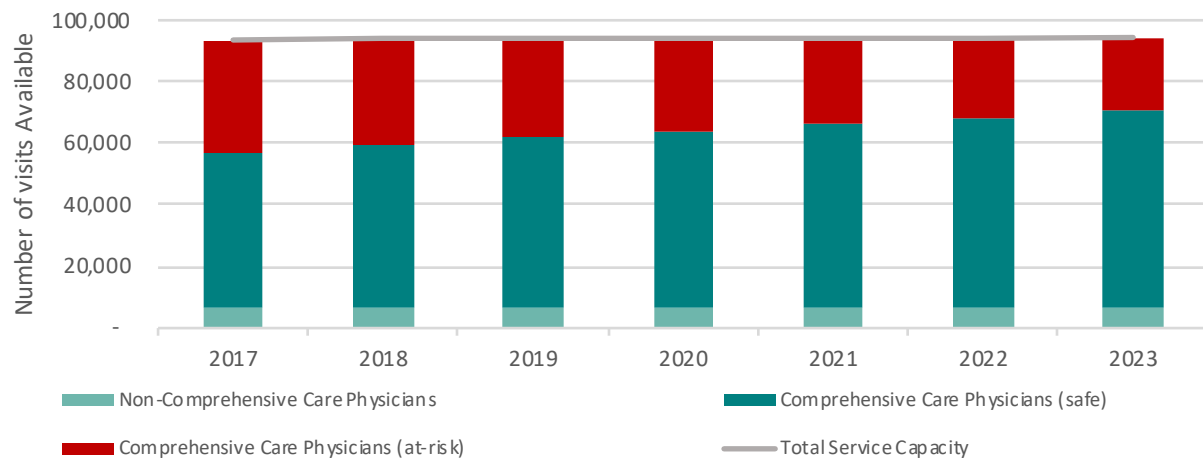
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



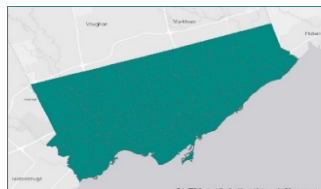
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	41	41	26
Dieticians	78	72	43
Midwives	0	0	105
NPs	167	133	132
OTs	9	11	70
Optometrists	0	182	216
Pharmacists	845	804	523
PTs	262	278	102
Psychologists	0	0	0
RNs	637	706	800
RPNs	680	660	745
RTs	0	27	14
SLPs	18	29	48

#### Number of Comprehensive Primary Care Physicians

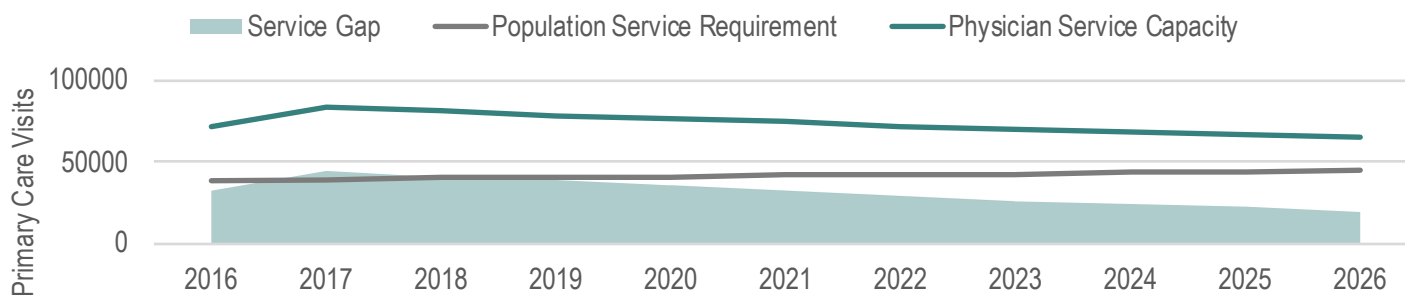
2016	29
2017	21

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	50,203	52,432	54,661	56,890	59,119	61,348	63,577
Comprehensive Care Physicians' At-Risk Service Capacity	36,385	34,292	32,199	30,106	28,013	25,920	23,827
Non-Comprehensive Care Physicians' Service Capacity	7,005						
Total Service Capacity	93,593	93,729	93,865	94,001	94,137	94,273	94,409



# Primary Care Workforce Planning

Neighbourhood Profile: Clairlea-Birchmount



**Need (2021)**

41,996 Visits

**Current State Gap (2021)**

+32,550 Visits

**Capacity (2021)**

74,546 Visits

**Need (2026)**

45,208 Visits

**Future State Gap (2026)**

+20,234 Visits

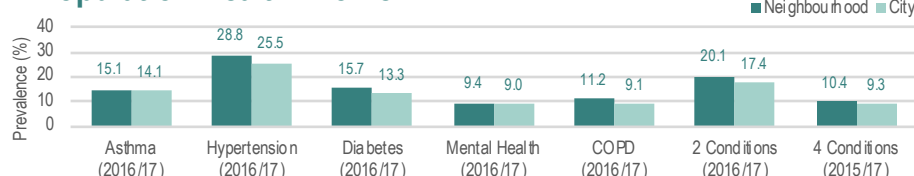
**Capacity (2026)**

65,442 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
4,550	3,510	15,280	3,645
16.8 %	13.0 %	56.6 %	13.5 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	26,984	Neigh: 2.26 % - 3.55 % City: 1.60 % - 2.50 %
2021	31,259 - 31,772	
2026	35,534 - 36,560	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 34,338 Non-Resident Visits

Yearly Outgoing Demand: 138,991 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	74.4	71.6
ACSC Hospitalization / 100,000	324.8	244.4
Low Urgency ED (%)	78.3	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	16		2016	8	38	0	19	144	0	354	193	0	1,930	2,632	0	0
2017	16		2017	12	68	0	23	95	78	339	116	0	1,855	2,581	0	11
2017	16		2018	18	32	0	37	86	114	90	24	0	1,929	2,799	0	20



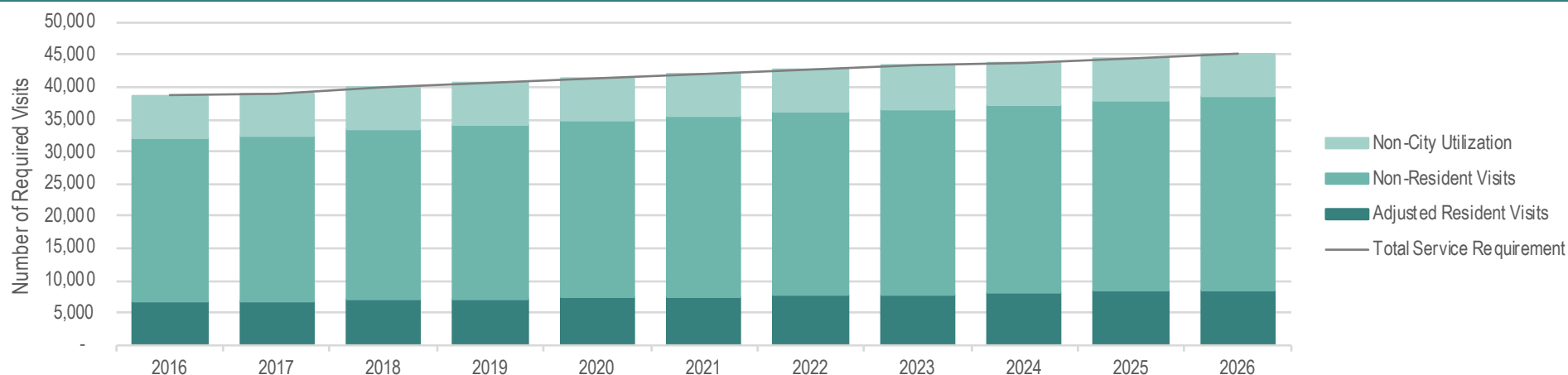
# Primary Care Workforce Planning

## Service Requirements Module: Clairlea-Birchmount

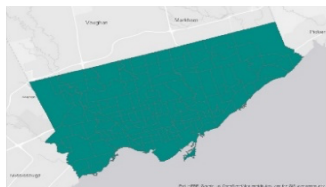
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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
<b>Number of Residents</b>	33,940	34,882	35,824	36,766	37,708	38,651	39,593	40,535	41,477	42,419	43,361
<b>Resident Visits</b>	128,909	130,455	136,065	139,643	143,222	146,800	150,378	153,956	157,535	161,113	164,691
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	5.2%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	6,703	6,784	7,075	7,261	7,448	7,634	7,820	8,006	8,192	8,378	8,564
<b>Non-Resident Visits</b>	25,524	25,710	26,436	26,892	27,348	27,805	28,261	28,717	29,173	29,630	30,086
<b>Non-City Utilization</b>	6,558										
<b>Total Service Requirement</b>	38,785	39,052	40,069	40,712	41,354	41,996	42,639	43,281	43,923	44,566	45,208



# Primary Care Workforce Planning

## Service Capacity Module: Clairlea-Birchmount

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

#### Total Service Capacity =

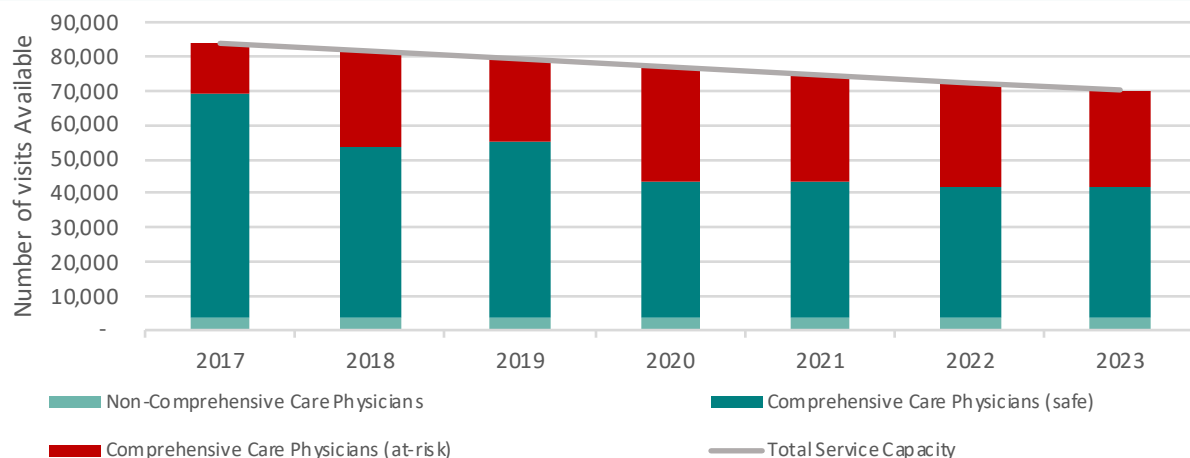
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



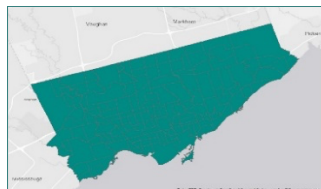
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	8	12	18
Dieticians	38	68	32
Midwives	0	0	0
NPs	19	23	37
OTs	144	95	86
Optometrists	0	78	114
Pharmacists	354	339	90
PTs	193	116	24
Psychologists	0	0	0
RNs	1,930	1,855	1,929
RPNs	2,632	2,581	2,799
RTs	0	0	0
SLPs	0	11	20

#### Number of Comprehensive Primary Care Physicians

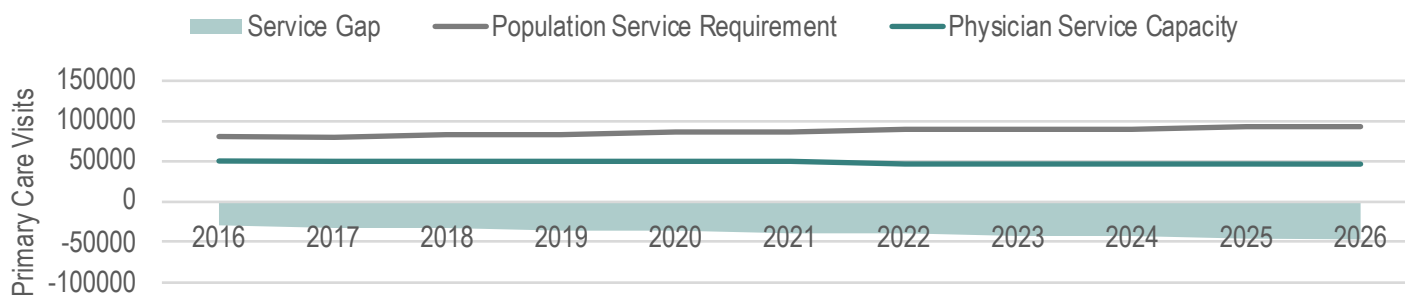
2016	16
2017	16

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	64,835	49,610	50,933	39,789	39,737	38,038	37,888
Comprehensive Care Physicians' At-Risk Service Capacity	15,043	27,943	24,295	33,114	30,841	30,215	28,359
Non-Comprehensive Care Physicians' Service Capacity	3,968						
Total Service Capacity	83,846	81,521	79,196	76,871	74,546	72,221	70,215



# Primary Care Workforce Planning

Neighbourhood Profile: Oakridge



**Need (2021)**  
87,119 Visits

**Current State Gap (2021)**  
-38,419 Visits

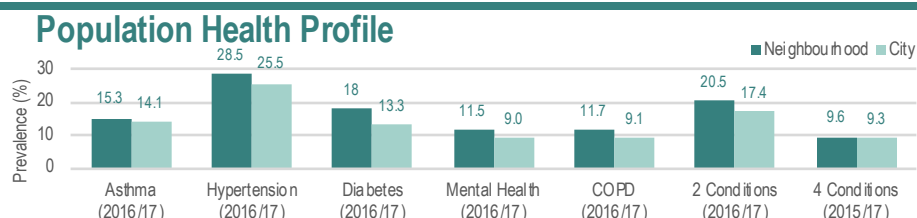
**Capacity (2021)**  
48,700 Visits

**Need (2026)**  
93,241 Visits

**Future State Gap (2026)**  
-46,406 Visits

**Capacity (2026)**  
46,835 Visits

Population (2016)			
Children	Youth	Working Age	Seniors
2,865	1,665	7,655	1,650
20.7 %	12.0 %	55.3 %	11.9 %



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	13,845	Neigh: 0.69 % - 1.07 %
2021	14,510 - 14,583	City: 1.60 % - 2.50 %
2026	15,175 - 15,320	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 73,479 Non-Resident Visits

Yearly Outgoing Demand: 44,712 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	72.1	71.6
ACSC Hospitalization / 100,000	369.6	244.4
Low Urgency ED (%)	88.5	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	(1-5)			0	20	0	17	0	0	213	44	0	323	553	0	0
2017	(1-5)			26	11	0	34	0	11	164	4	0	339	549	0	0
2018	(1-5)			18	20	0	40	0	0	88	15	0	334	579	0	0



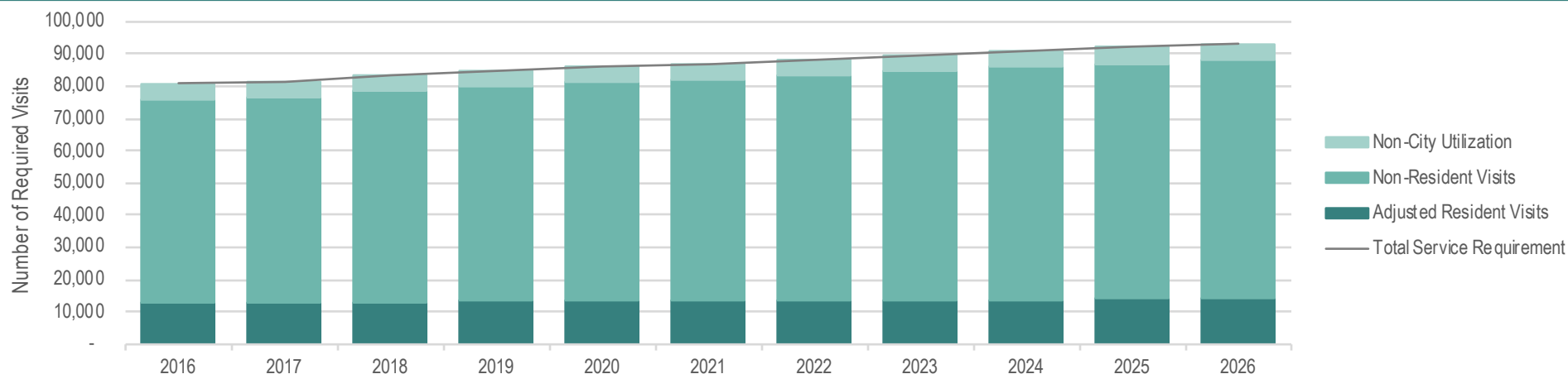
# Primary Care Workforce Planning

## Service Requirements Module: Oakridge

### 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	14,958	15,104	15,249	15,395	15,540	15,686	15,831	15,977	16,122	16,268	16,413
Resident Visits	55,633	55,691	56,715	57,256	57,797	58,339	58,880	59,421	59,962	60,503	61,044
Proportion of Care Accessed Within Home Neighbourhood	23.3%										
Resident Visits Adjusted for Spatial Patterns of Utilization	12,962	12,976	13,215	13,341	13,467	13,593	13,719	13,845	13,971	14,097	14,223
Non-Resident Visits	63,201	63,780	65,398	66,496	67,595	68,693	69,791	70,890	71,988	73,086	74,184
Non-City Utilization	4,833										
Total Service Requirement	80,997	81,589	83,446	84,670	85,894	87,119	88,343	89,568	90,792	92,016	93,241





# Primary Care Workforce Planning

## Service Capacity Module: Oakridge

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

#### Total Service Capacity =

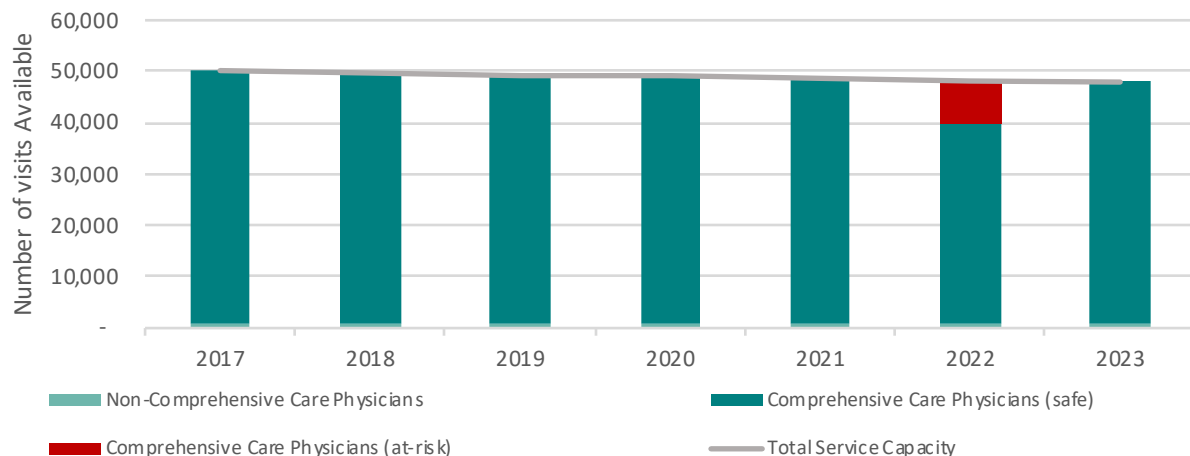
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



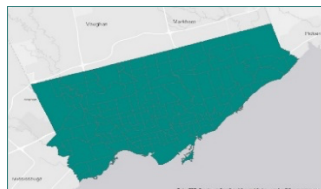
#### Allied Health Professionals Average Weekly Hours Available

Profession	2016	2017	2018
Chiroprodists	0	26	18
Dieticians	20	11	20
Midwives	0	0	0
NPs	17	34	40
OTs	0	0	0
Optometrists	0	11	0
Pharmacists	213	164	88
PTs	44	4	15
Psychologists	0	0	0
RNs	323	339	334
RPNs	553	549	579
RTs	0	0	0
SLPs	0	0	0

#### Number of Comprehensive Primary Care Physicians

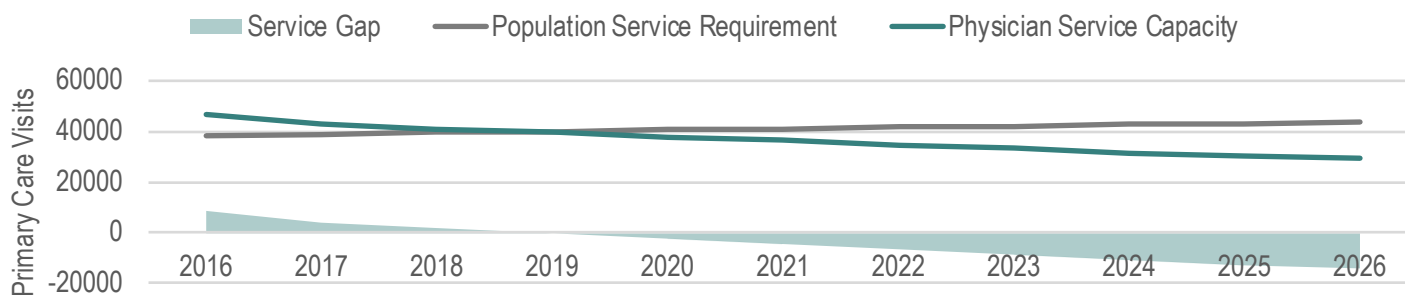
2016	(1-5)
2017	(1-5)

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	49,533	49,160	48,787	48,414	48,041	38,999	47,295
Comprehensive Care Physicians' At-Risk Service Capacity	0	0	0	0	0	8,669	0
Non-Comprehensive Care Physicians' Service Capacity	659						
Total Service Capacity	50,192	49,819	49,446	49,073	48,700	48,327	47,954



# Primary Care Workforce Planning

Neighbourhood Profile: Birchcliffe-Cliffside



**Need (2021)**

40,945 Visits

**Current State Gap (2021)**

-4,740 Visits

**Capacity (2021)**

36,205 Visits

**Need (2026)**

43,669 Visits

**Future State Gap (2026)**

-14,354 Visits

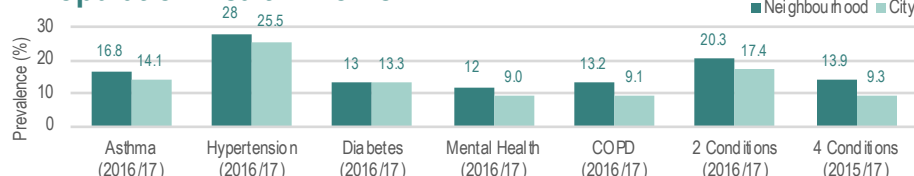
**Capacity (2026)**

29,315 Visits

## Population (2016)

Children	Youth	Working Age	Seniors
3,315	2,455	12,590	3,915
14.9 %	11.0 %	56.4 %	17.6 %

## Population Health Profile



## Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	22,291	Neigh: 1.08 % - 1.68 %
2021	23,971 - 24,166	City: 1.60 % - 2.50 %
2026	25,650 - 26,040	

## Ontario Marginalization Index (2016)

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

## Spatial Patterns of Utilization

Yearly Incoming Demand: 28,187 Non-Resident Visits

Yearly Outgoing Demand: 84,456 Resident Visits

## Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	74.1	71.6
ACSC Hospitalization / 100,000	383.1	244.4
Low Urgency ED (%)	83.5	81.5

## Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians		Average Weekly Hours Available	Year	Chiropractors	Dietitians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
2016	8															
2017	6															
2018	6															
2016	8		2016	10	33	0	0	0	0	455	123	0	820	1,189	0	0
2017	6		2017	11	28	0	0	0	0	394	99	0	564	1,278	0	0
2018	6		2018	0	0	0	5	0	8	320	65	0	708	1,403	0	0



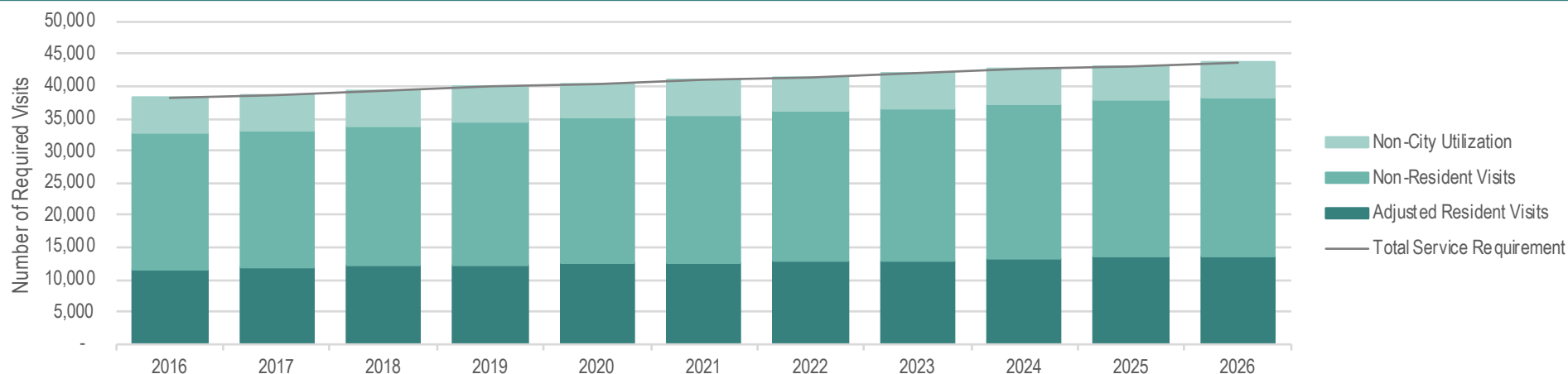
# Primary Care Workforce Planning

## Service Requirements Module: Birchcliffe-Cliffside

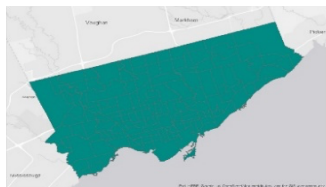
### Examine the Sources of Service Requirements at a Neighbourhood Level

#### 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	22,840	23,209	23,579	23,948	24,318	24,687	25,056	25,426	25,795	26,165	26,534
Resident Visits	89,964	90,841	92,875	94,330	95,785	97,240	98,695	100,150	101,605	103,060	104,515
Proportion of Care Accessed Within Home Neighbourhood	13.1%										
Resident Visits Adjusted for Spatial Patterns of Utilization	11,785	11,900	12,167	12,357	12,548	12,738	12,929	13,120	13,310	13,501	13,691
Non-Resident Visits	21,102	21,241	21,810	22,164	22,519	22,873	23,227	23,581	23,935	24,289	24,643
Non-City Utilization	5,334										
Total Service Requirement	38,221	38,475	39,311	39,856	40,400	40,945	41,490	42,035	42,579	43,124	43,669



# Primary Care Workforce Planning

## Service Capacity Module: Birchcliffe-Cliffside

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

#### Total Service Capacity =

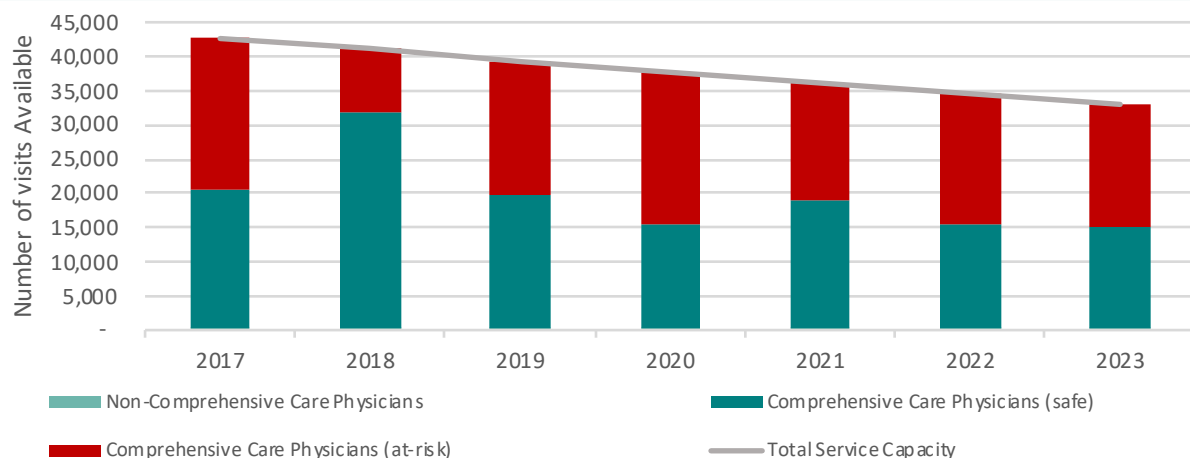
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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
Chiropractors	10	11	0
Dietitians	33	28	0
Midwives	0	0	0
NPs	0	0	5
OTs	0	0	0
Optometrists	0	0	8
Pharmacists	455	394	320
PTs	123	99	65
Psychologists	0	0	0
RNs	820	564	708
RPNs	1,189	1,278	1,403
RTs	0	0	0
SLPs	0	0	0

#### Number of Comprehensive Primary Care Physicians

2016	8
2017	6

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	20,320	31,867	19,634	15,532	18,948	15,200	15,034
Comprehensive Care Physicians' At-Risk Service Capacity	22,212	9,060	19,688	22,185	17,164	19,307	17,868
Non-Comprehensive Care Physicians' Service Capacity	93						
Total Service Capacity	42,625	41,020	39,415	37,810	36,205	34,600	32,995

# 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.

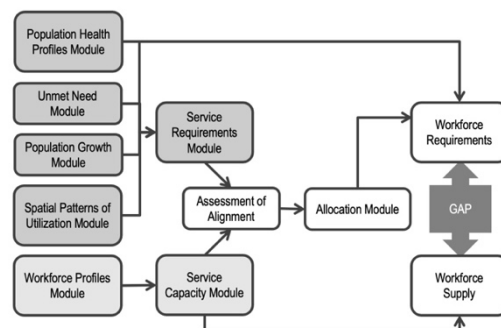
### Methodology

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](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 Chiropractors, Dietitians, 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:  
Ontario Health Toronto, Health Analytics  
[Healthanalytics@tc.lhins.on.ca](mailto:Healthanalytics@tc.lhins.on.ca)

V1 May 2022