

# Sub-Region 703 North Toronto

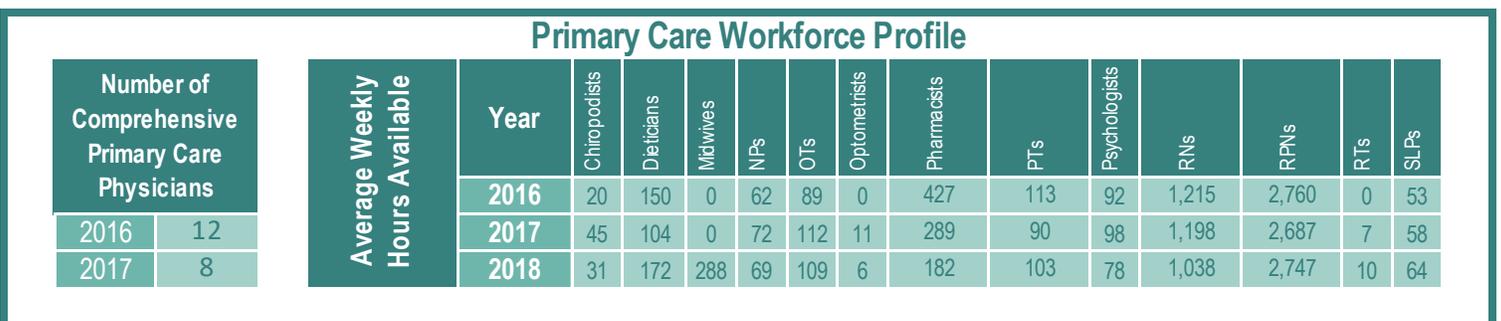
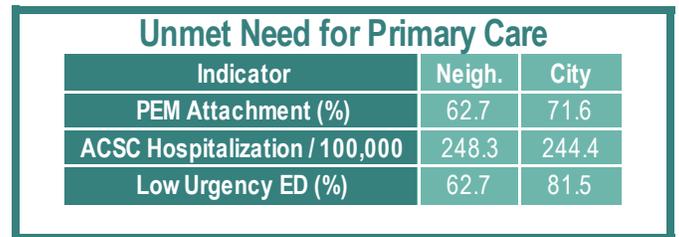
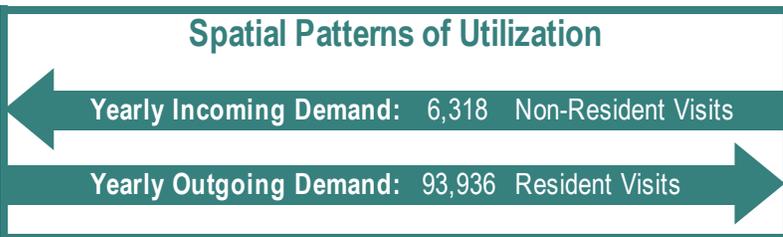
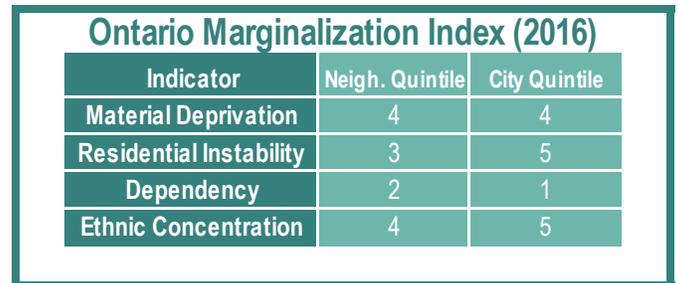
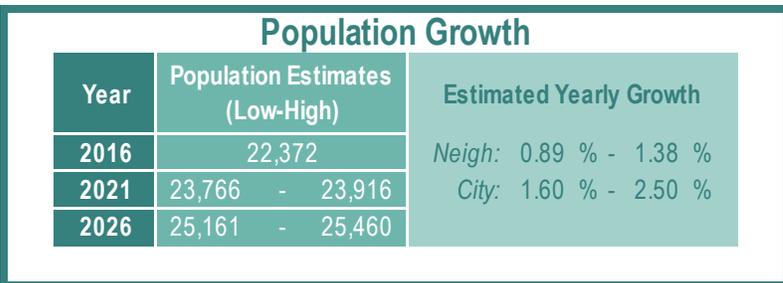
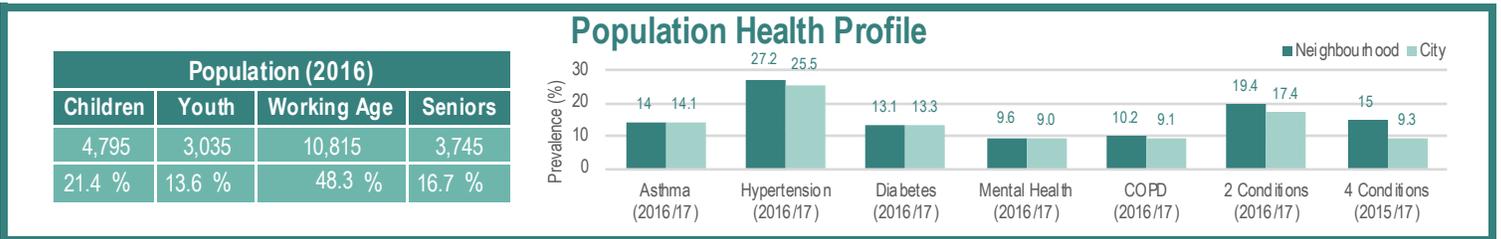
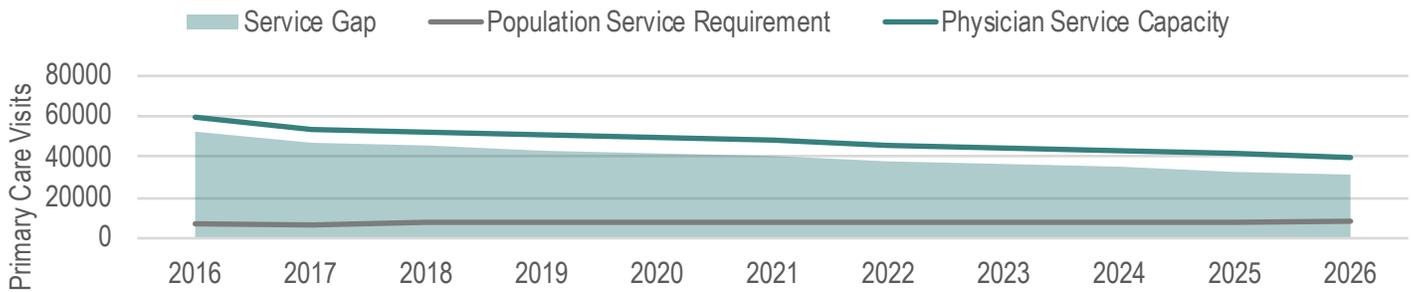
Neighbourhoods	
32	Englemount-Lawrence
39	Bedford Park-Nortown
41	Bridle Path-Sunnybrook-York Mills
56	Leaside-Bennington
97	Yonge-St.Clair
99	Mount Pleasant East
100	Yonge-Eglinton
101	Forest Hill South
102	Forest Hill North
103	Lawrence Park South
104	Mount Pleasant West
105	Lawrence Park North
106	Humewood-Cedarvale





# Primary Care Workforce Planning

## Neighbourhood Profile: Englemount-Lawrence





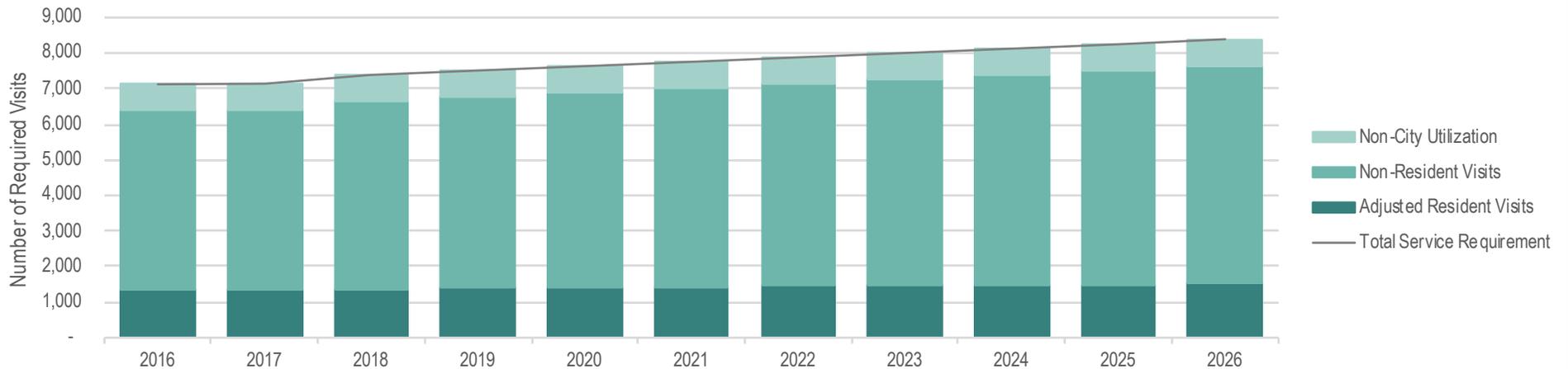
# Primary Care Workforce Planning

## Service Requirements Module: Englemount-Lawrence

### 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>	24,504	24,809	25,114	25,418	25,723	26,028	26,333	26,638	26,942	27,247	27,552
<b>Resident Visits</b>	89,823	90,471	92,058	93,175	94,292	95,409	96,527	97,644	98,761	99,879	100,996
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	1.5%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	1,347	1,357	1,381	1,398	1,414	1,431	1,448	1,465	1,481	1,498	1,515
<b>Non-Resident Visits</b>	5,025	5,057	5,245	5,356	5,466	5,576	5,686	5,796	5,906	6,016	6,126
<b>Non-City Utilization</b>	750										
<b>Total Service Requirement</b>	7,123	7,164	7,376	7,503	7,630	7,757	7,884	8,010	8,137	8,264	8,391

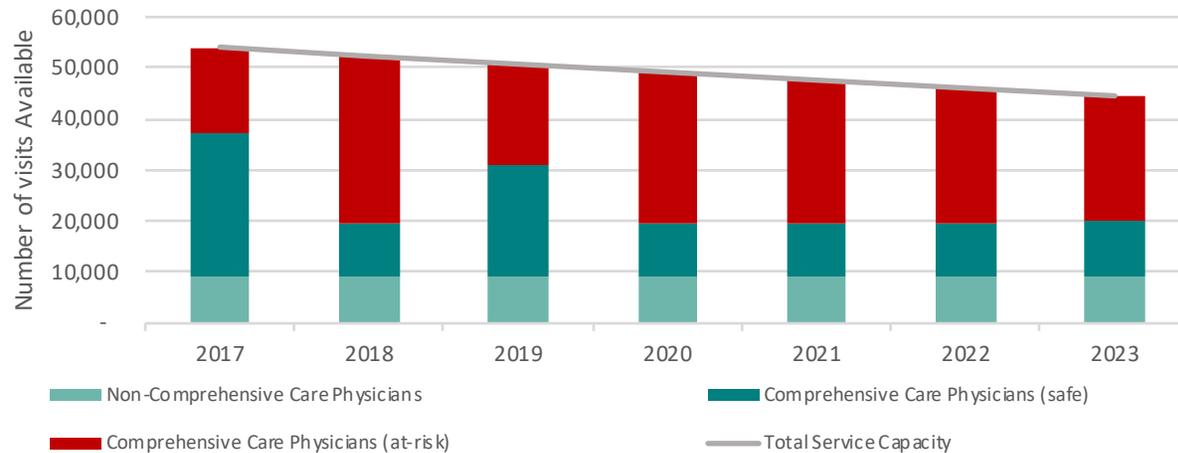
# Primary Care Workforce Planning

## Service Capacity Module: Englemount-Lawrence

### 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	20	45	31
Dieticians	150	104	172
Midwives	0	0	288
NPs	62	72	69
OTs	89	112	109
Optometrists	0	11	6
Pharmacists	427	289	182
PTs	113	90	103
Psychologists	92	98	78
RNs	1,215	1,198	1,038
RPNs	2,760	2,687	2,747
RTs	0	7	10
SLPs	53	58	64

#### Number of Comprehensive Primary Care Physicians

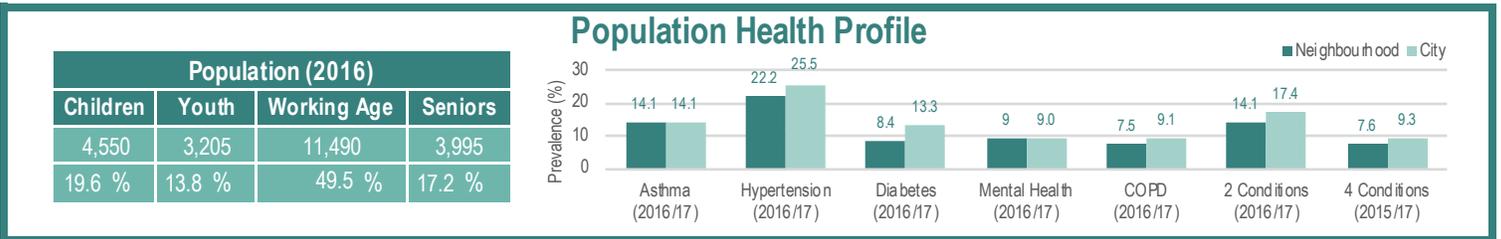
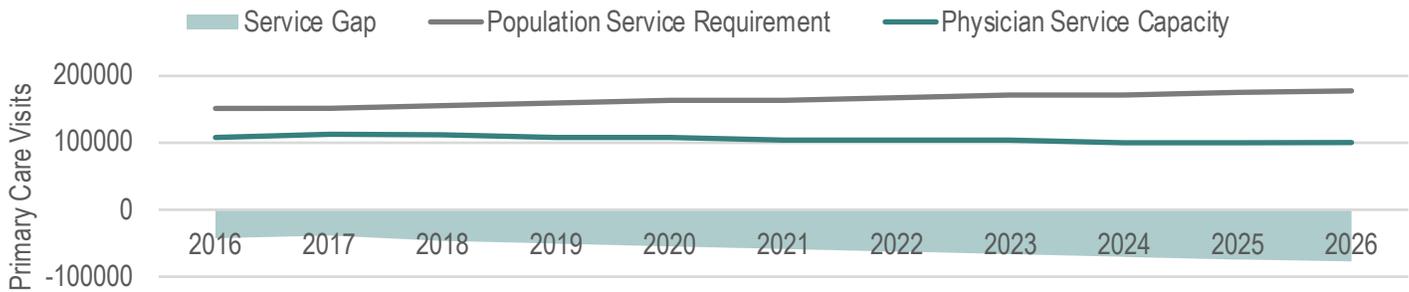
2016	12
2017	8

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	27,749	10,005	21,684	10,243	10,362	10,481	10,600
Comprehensive Care Physicians' At-Risk Service Capacity	17,014	33,166	19,895	29,744	28,033	26,322	24,611
Non-Comprehensive Care Physicians' Service Capacity	9,349						
<b>Total Service Capacity</b>	54,112	52,520	50,928	49,336	47,744	46,152	44,560



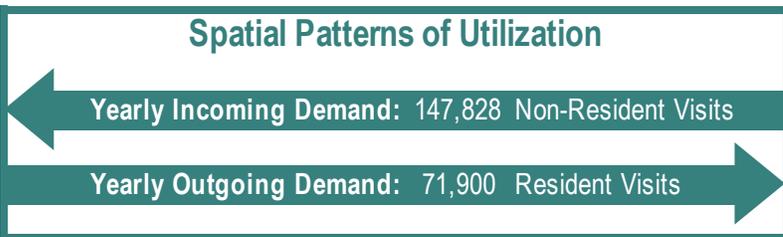
# Primary Care Workforce Planning

Neighbourhood Profile: Bedford Park-Nortown



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	23,236	Neigh: 0.24 % - 0.37 %
2021	23,625 - 23,668	City: 1.60 % - 2.50 %
2026	24,014 - 24,100	

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



Indicator	Neigh.	City
PEM Attachment (%)	64.8	71.6
ACSC Hospitalization / 100,000	88.1	244.4
Low Urgency ED (%)	61.6	81.5

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	29	78	32	0	0	0	0	766	163	74	53	253	0
2017	27	89	45	0	0	3	111	811	179	97	110	243	0	153	
		2018	89	48	0	0	8	119	210	109	97	63	184	0	150



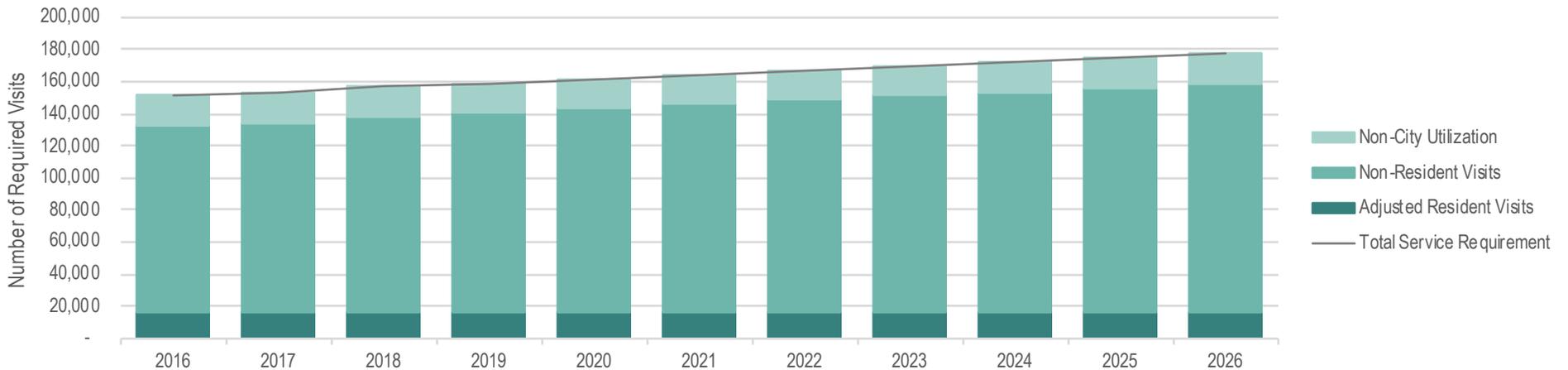
# Primary Care Workforce Planning

## Service Requirements Module: Bedford Park-Nortown

### 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>	25,030	25,115	25,201	25,286	25,372	25,457	25,542	25,628	25,713	25,799	25,884
<b>Resident Visits</b>	86,997	88,018	87,590	87,887	88,184	88,481	88,778	89,074	89,371	89,668	89,965
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	18.8%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	16,355	16,547	16,467	16,523	16,579	16,634	16,690	16,746	16,802	16,858	16,913
<b>Non-Resident Visits</b>	116,480	117,691	121,606	124,169	126,732	129,295	131,858	134,421	136,984	139,546	142,109
<b>Non-City Utilization</b>	18,656										
<b>Total Service Requirement</b>	151,491	152,894	156,729	159,348	161,966	164,585	167,204	169,823	172,441	175,060	177,679



# Primary Care Workforce Planning

## Service Capacity Module: Bedford Park-Nortown

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

#### Total Service Capacity =

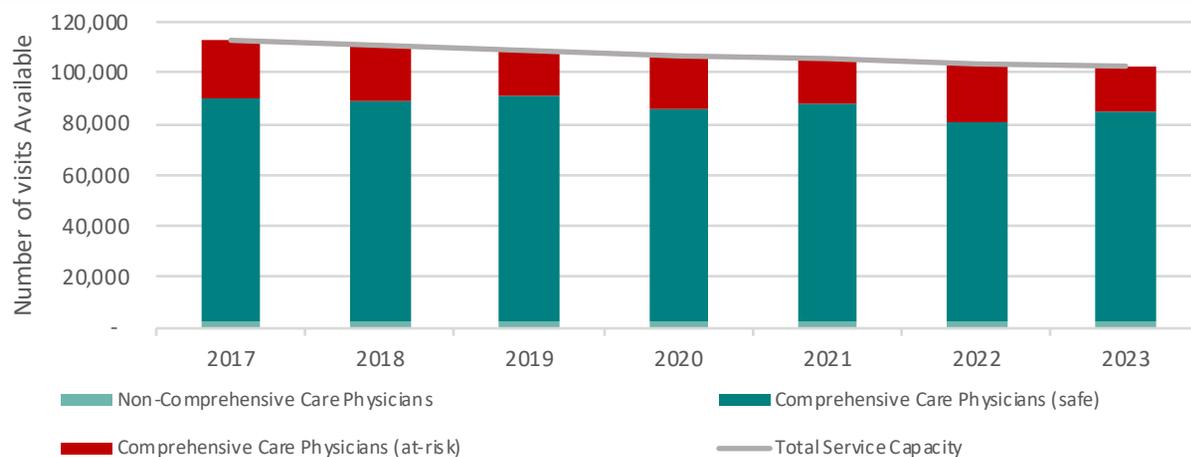
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	78	89	89
Dieticians	32	45	48
Midwives	0	0	0
NPs	0	0	0
OTs	0	3	8
Optometrists	0	111	119
Pharmacists	766	811	210
PTs	163	179	109
Psychologists	74	97	97
RNs	53	110	63
RPNs	253	243	184
RTs	0	0	0
SLPs	144	153	150

#### Number of Comprehensive Primary Care Physicians

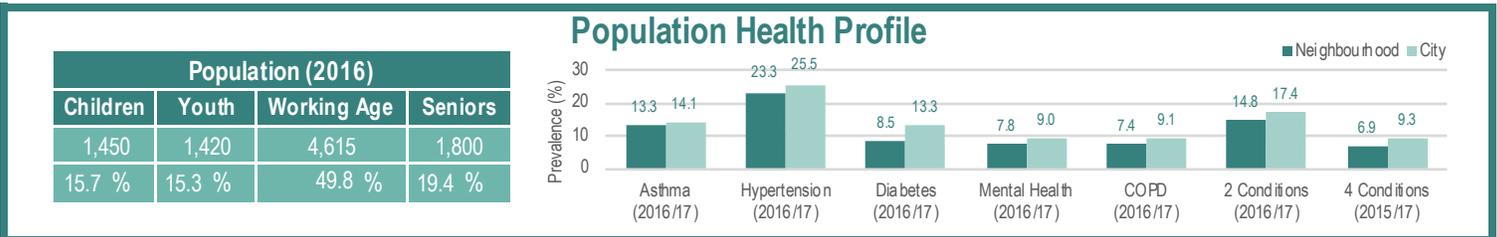
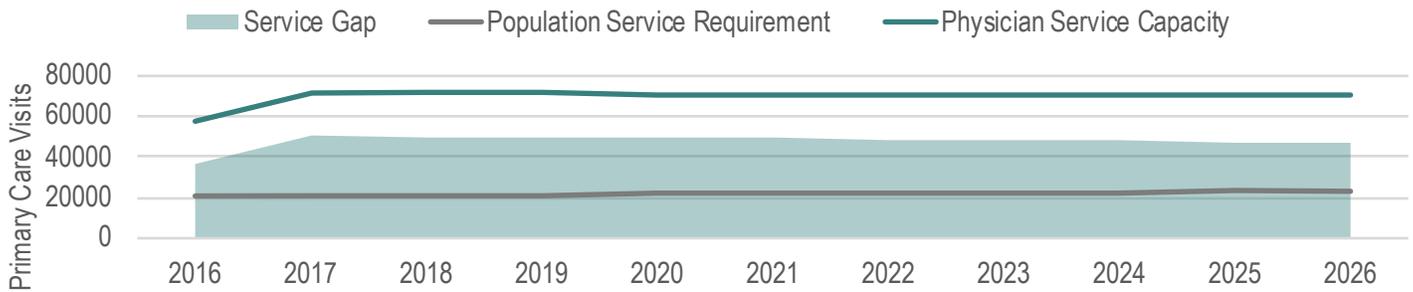
2016	29
2017	27

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	87,831	86,282	87,965	82,703	85,622	78,428	82,112
Comprehensive Care Physicians' At-Risk Service Capacity	22,238	21,893	18,316	21,684	16,871	22,563	17,818
Non-Comprehensive Care Physicians' Service Capacity	2,779						
<b>Total Service Capacity</b>	<b>112,848</b>	<b>110,954</b>	<b>109,060</b>	<b>107,166</b>	<b>105,272</b>	<b>103,770</b>	<b>102,709</b>



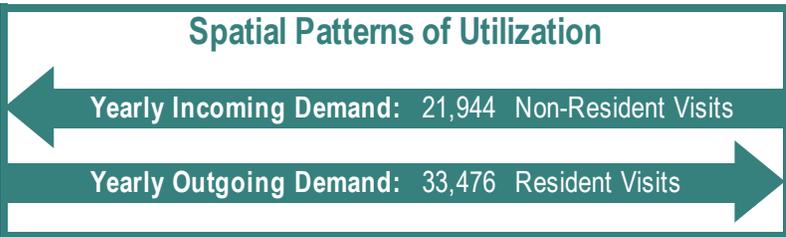
# Primary Care Workforce Planning

Neighbourhood Profile: Bridle Path-Sunnybrook-York Mills



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	9,266	Neigh: 0.16 % - 0.24 %
2021	9,368 - 9,378	City: 1.60 % - 2.50 %
2026	9,470 - 9,490	

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



Indicator	Neigh.	City
PEM Attachment (%)	66.9	71.6
ACSC Hospitalization / 100,000	129.1	244.4
Low Urgency ED (%)	59.7	81.5

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	20	28	106	0	32	218	0	485	122	60	2,455	3,182	0
2017	19	24	73	0	49	176	16	445	123	72	2,476	3,793	14	235	
		2018	21	144	0	70	163	13	128	65	50	2,533	3,496	0	198



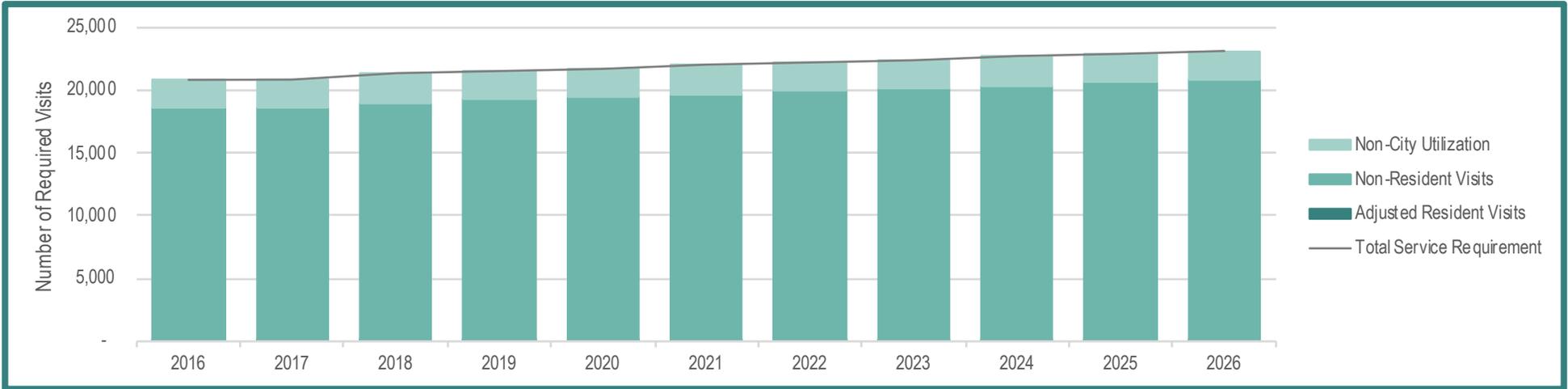
# Primary Care Workforce Planning

## Service Requirements Module: Bridle Path-Sunnybrook-York Mills

### 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
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- 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>	9,677	9,699	9,722	9,744	9,767	9,789	9,811	9,834	9,856	9,879	9,901
<b>Resident Visits</b>	33,155	32,910	33,308	33,385	33,462	33,538	33,615	33,692	33,769	33,845	33,922
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	0.1%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	33	33	33	33	33	34	34	34	34	34	34
<b>Non-Resident Visits</b>	18,551	18,608	19,012	19,242	19,472	19,703	19,933	20,164	20,394	20,624	20,855
<b>Non-City Utilization</b>	2,257										
<b>Total Service Requirement</b>	<b>20,841</b>	<b>20,897</b>	<b>21,302</b>	<b>21,532</b>	<b>21,763</b>	<b>21,993</b>	<b>22,224</b>	<b>22,454</b>	<b>22,685</b>	<b>22,915</b>	<b>23,146</b>

# Primary Care Workforce Planning

## Service Capacity Module: Bridle Path-Sunnybrook-York Mills

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

#### Total Service Capacity =

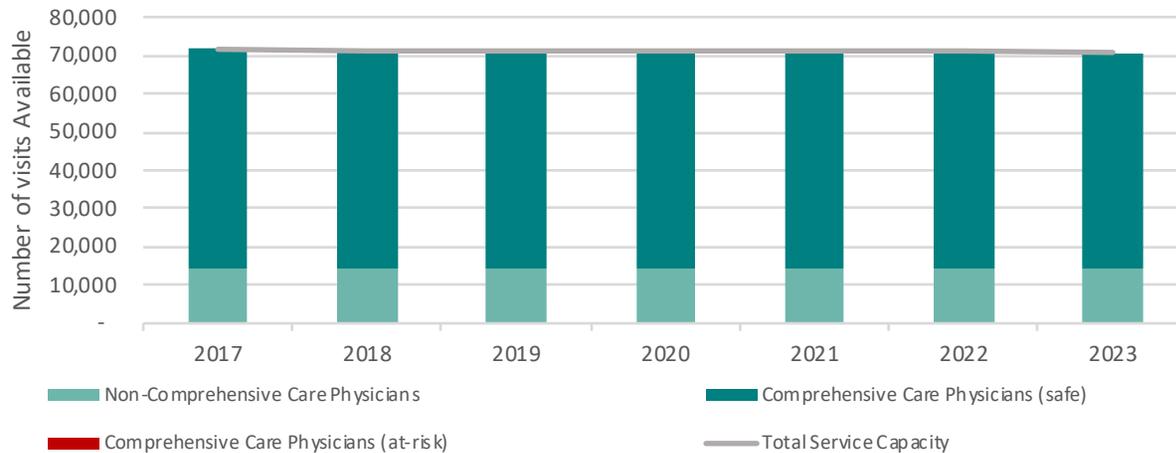
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	28	24	21
Dieticians	106	73	144
Midwives	0	0	0
NPs	32	49	70
OTs	218	176	163
Optometrists	0	16	13
Pharmacists	485	445	128
PTs	122	123	65
Psychologists	60	72	50
RNs	2,455	2,476	2,533
RPNs	3,182	3,793	3,496
RTs	0	14	0
SLPs	231	235	198

#### Number of Comprehensive Primary Care Physicians

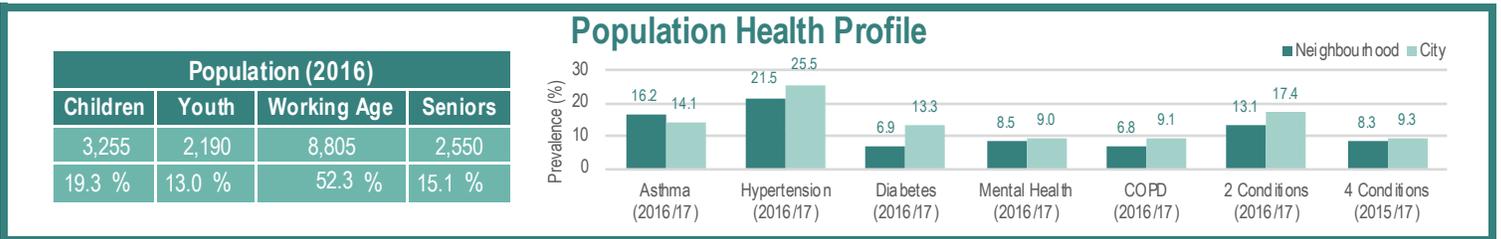
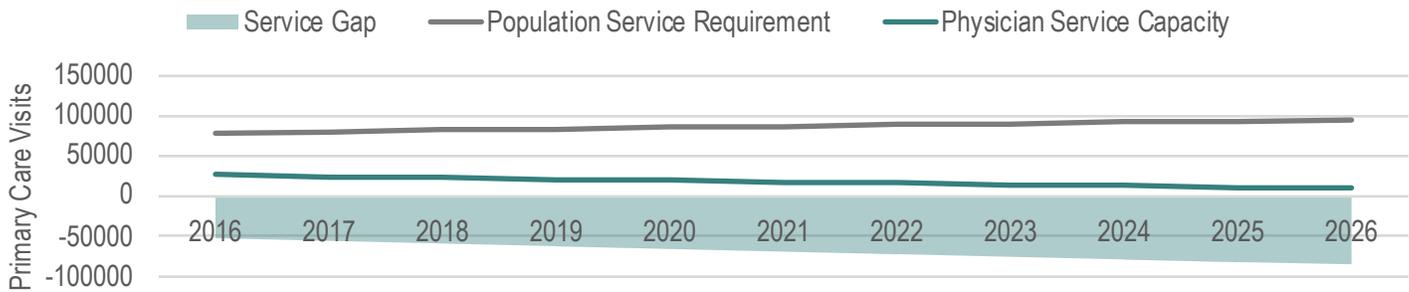
2016	20
2017	19

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	56,963	56,824	56,685	56,546	56,407	55,758	56,129
Comprehensive Care Physicians' At-Risk Service Capacity	0	0	0	0	0	510	0
Non-Comprehensive Care Physicians' Service Capacity	14,619						
<b>Total Service Capacity</b>	<b>71,582</b>	<b>71,443</b>	<b>71,304</b>	<b>71,165</b>	<b>71,026</b>	<b>70,887</b>	<b>70,748</b>



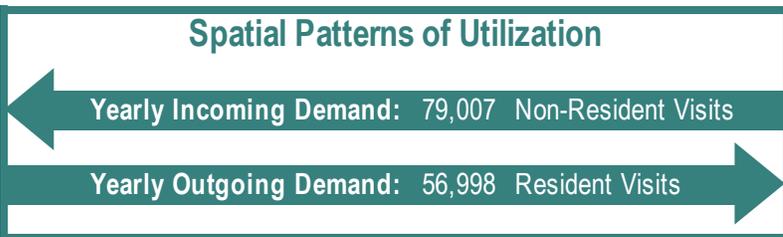
# Primary Care Workforce Planning

Neighbourhood Profile: Leaside-Bennington



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	16,828	Neigh: 0.55 % - 0.86 % City: 1.60 % - 2.50 %
2021	17,475 - 17,554	
2026	18,123 - 18,280	

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



Indicator	Neigh.	City
PEM Attachment (%)	68.1	71.6
ACSC Hospitalization / 100,000	152.5	244.4
Low Urgency ED (%)	60.9	81.5

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	7	15	2	0	0	26	0	408	72	60	224	360	0
2017	6	8	6	0	0	25	79	478	48	60	211	483	0	51	
2018	6	20	13	0	0	33	81	196	14	60	292	587	0	43	



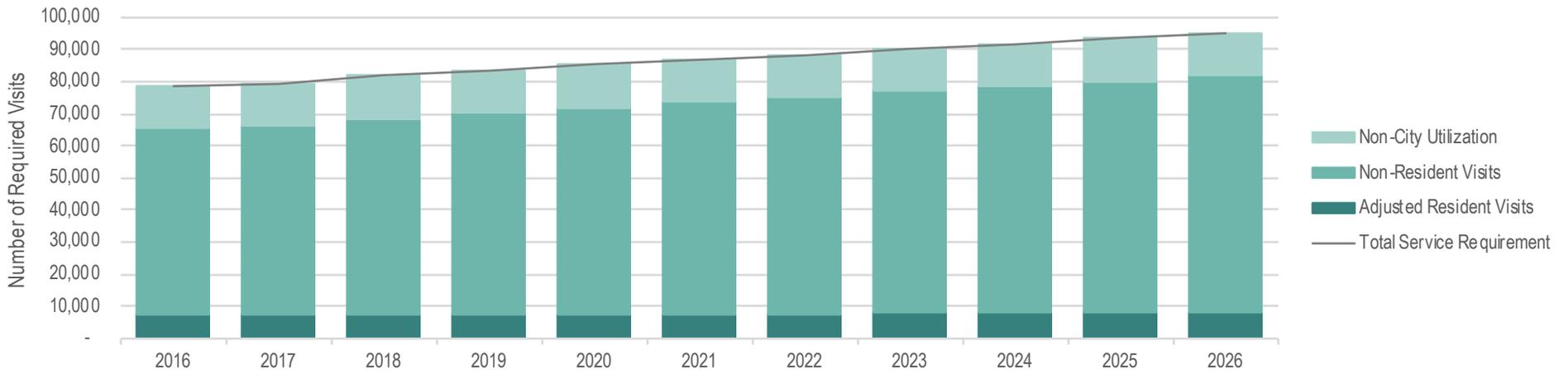
# Primary Care Workforce Planning

## Service Requirements Module: Leaside-Bennington

### 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>	18,140	18,283	18,426	18,570	18,713	18,856	18,999	19,142	19,286	19,429	19,572
<b>Resident Visits</b>	62,328	62,633	63,312	63,804	64,296	64,788	65,280	65,772	66,264	66,756	67,248
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	12.0%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	7,479	7,516	7,597	7,656	7,715	7,775	7,834	7,893	7,952	8,011	8,070
<b>Non-Resident Visits</b>	57,924	58,539	61,103	62,693	64,282	65,872	67,462	69,051	70,641	72,230	73,820
<b>Non-City Utilization</b>	13,224										
<b>Total Service Requirement</b>	78,627	79,279	81,924	83,573	85,222	86,870	88,519	90,168	91,816	93,465	95,114



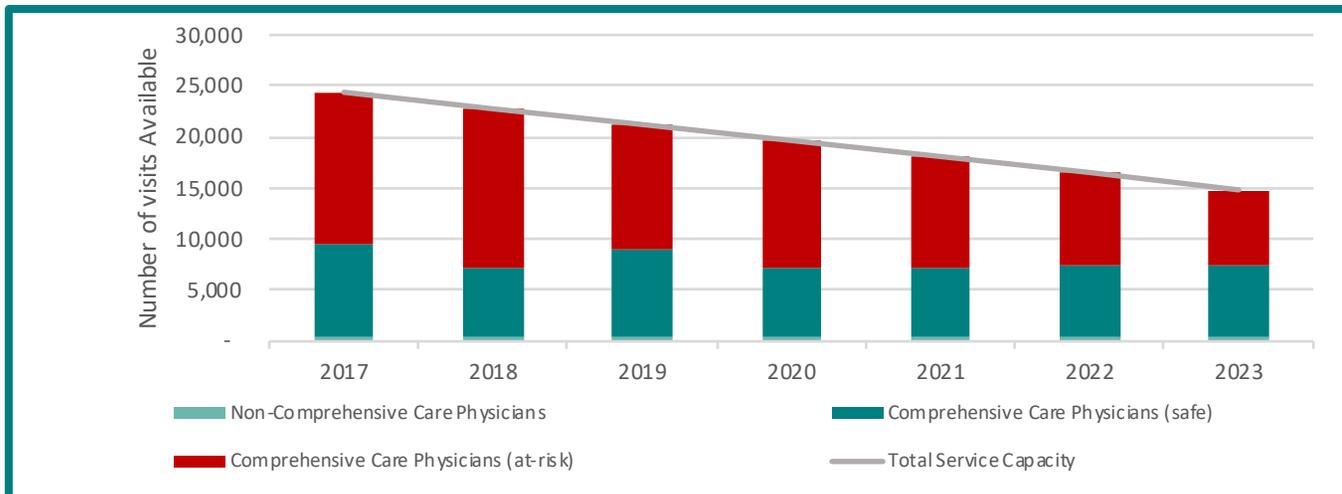
# Primary Care Workforce Planning

## Service Capacity Module: Leaside-Bennington

### 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	15	8	20
Dieticians	2	6	13
Midwives	0	0	0
NPs	0	0	0
OTs	26	25	33
Optometrists	0	79	81
Pharmacists	408	478	196
PTs	72	48	14
Psychologists	60	60	60
RNs	224	211	292
RPNs	360	483	587
RTs	0	0	0
SLPs	50	51	43

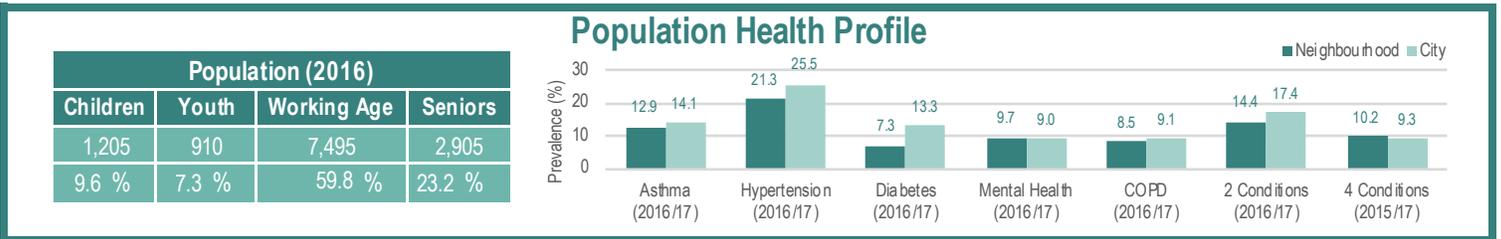
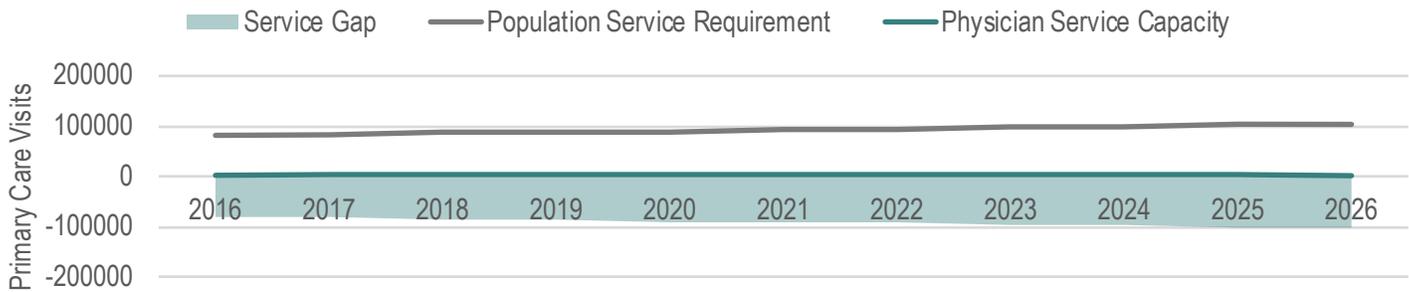
Number of Comprehensive Primary Care Physicians	
2016	7
2017	6

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	9,105	6,870	8,673	6,930	6,960	6,990	7,020
Comprehensive Care Physicians' At-Risk Service Capacity	14,957	15,598	12,201	12,350	10,726	9,102	7,478
Non-Comprehensive Care Physicians' Service Capacity	334						
<b>Total Service Capacity</b>	<b>24,396</b>	<b>22,802</b>	<b>21,208</b>	<b>19,614</b>	<b>18,020</b>	<b>16,426</b>	<b>14,832</b>



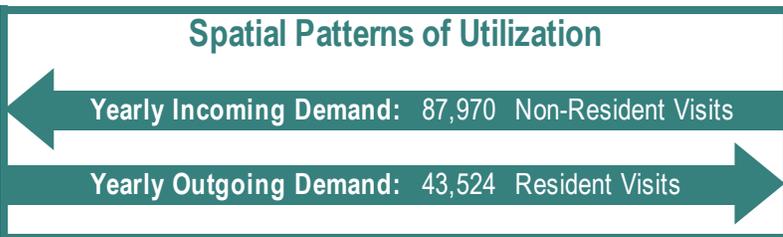
# Primary Care Workforce Planning

Neighbourhood Profile: Yonge-St.Clair



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	12,528	Neigh: 1.03 % - 1.61 %
2021	13,427 - 13,537	City: 1.60 % - 2.50 %
2026	14,327 - 14,545	

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



Indicator	Neigh.	City
PEM Attachment (%)	71.6	71.6
ACSC Hospitalization / 100,000	206.7	244.4
Low Urgency ED (%)	71.0	81.5

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	24	2	0	0	0	0	34	50	82	65	175	0	53
2017	21	0	0	0	14	10	37	85	91	44	135	0	60		
2018	23	0	0	0	20	0	36	25	109	37	179	0	28		



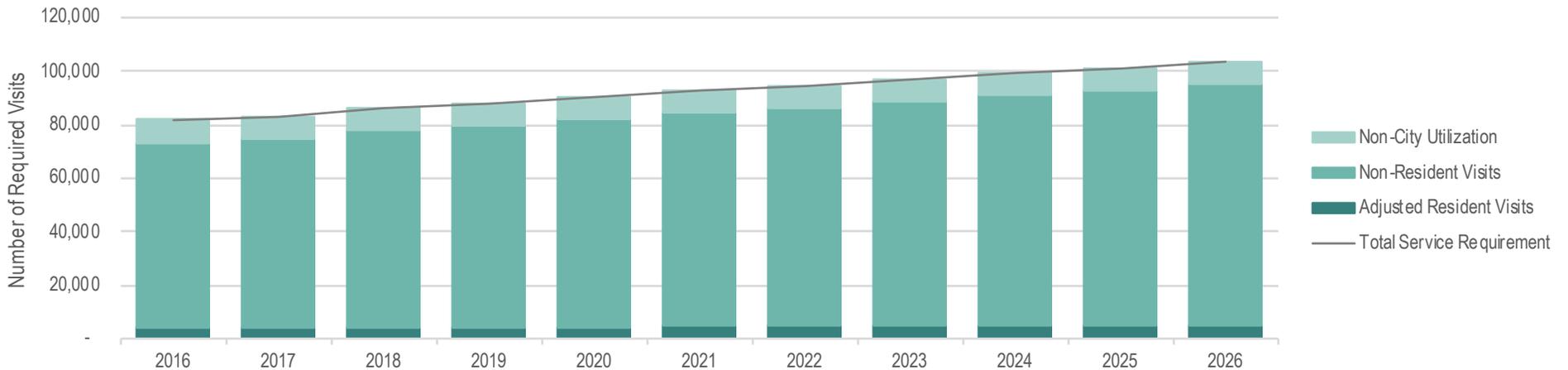
# Primary Care Workforce Planning

## Service Requirements Module: Yonge-St.Clair

### 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>	11,981	12,179	12,377	12,576	12,774	12,972	13,170	13,368	13,567	13,765	13,963
<b>Resident Visits</b>	44,282	46,061	45,748	46,480	47,213	47,945	48,678	49,410	50,143	50,875	51,608
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	9.4%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	4,163	4,330	4,300	4,369	4,438	4,507	4,576	4,645	4,713	4,782	4,851
<b>Non-Resident Visits</b>	69,150	70,045	73,384	75,502	77,619	79,737	81,854	83,972	86,089	88,206	90,324
<b>Non-City Utilization</b>	8,344										
<b>Total Service Requirement</b>	<b>81,656</b>	<b>82,718</b>	<b>86,029</b>	<b>88,215</b>	<b>90,401</b>	<b>92,588</b>	<b>94,774</b>	<b>96,960</b>	<b>99,146</b>	<b>101,333</b>	<b>103,519</b>

# Primary Care Workforce Planning

## Service Capacity Module: Yonge-St.Clair

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

#### Total Service Capacity =

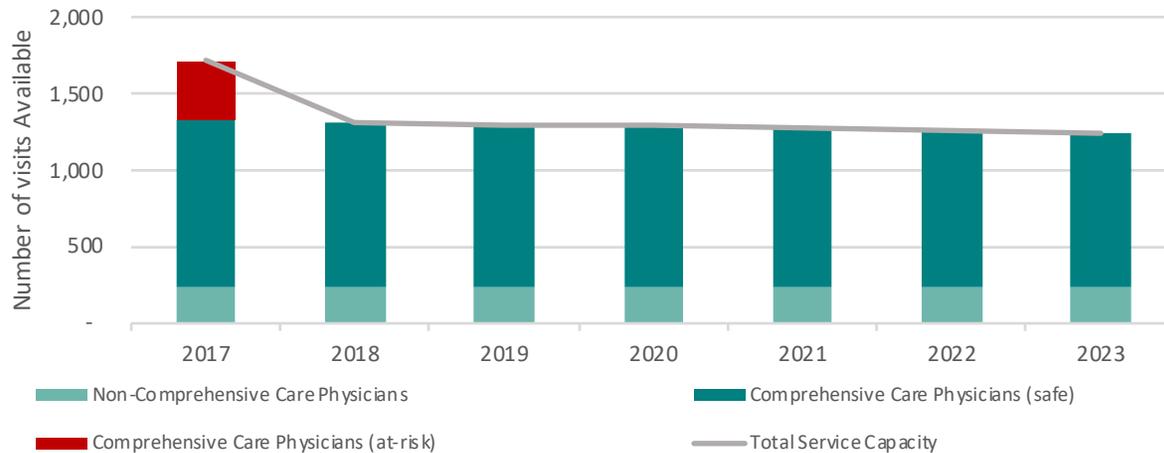
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	24	21	23
Dieticians	2	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	0	14	20
Optometrists	0	10	0
Pharmacists	34	37	36
PTs	50	85	25
Psychologists	82	91	109
RNs	65	44	37
RPNs	175	135	179
RTs	0	0	0
SLPs	53	60	28

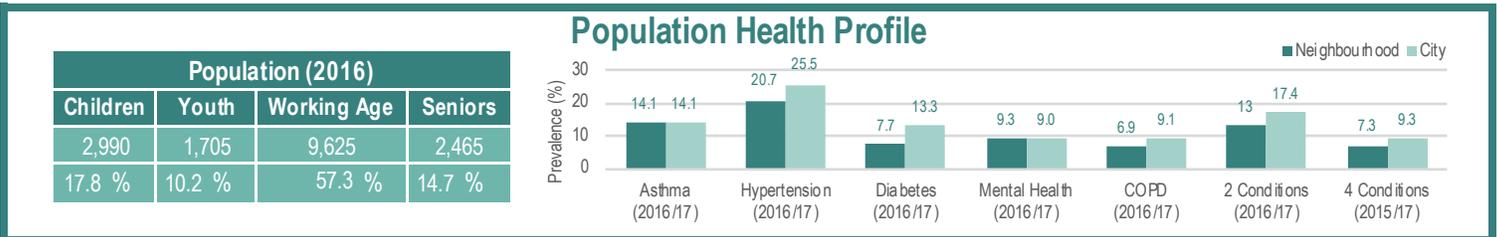
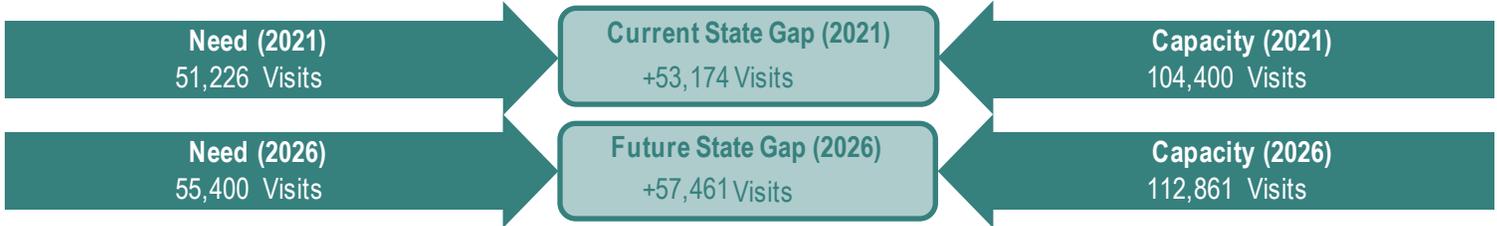
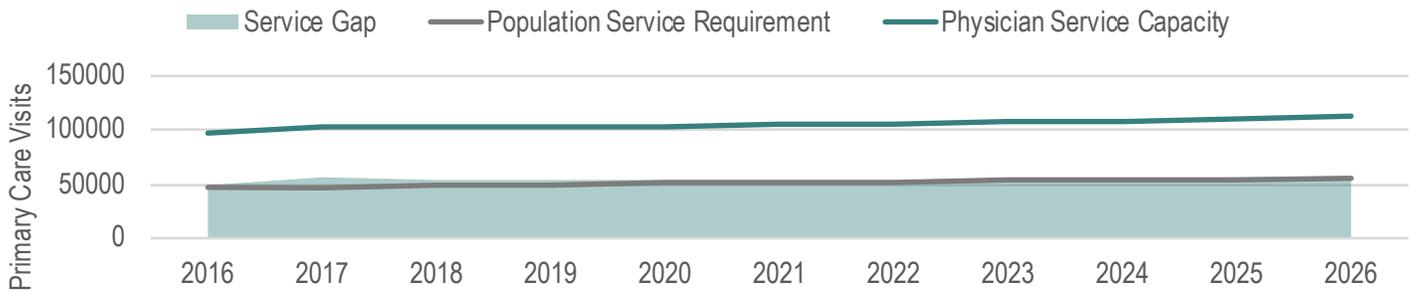
Number of Comprehensive Primary Care Physicians	
2016	(1-5)
2017	(1-5)

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	1,094	1,079	1,064	1,049	1,034	1,019	1,004
Comprehensive Care Physicians' At-Risk Service Capacity	387	0	0	0	0	0	0
Non-Comprehensive Care Physicians' Service Capacity	237						
<b>Total Service Capacity</b>	<b>1,718</b>	<b>1,316</b>	<b>1,301</b>	<b>1,286</b>	<b>1,271</b>	<b>1,256</b>	<b>1,241</b>



# Primary Care Workforce Planning

Neighbourhood Profile: Mount Pleasant East

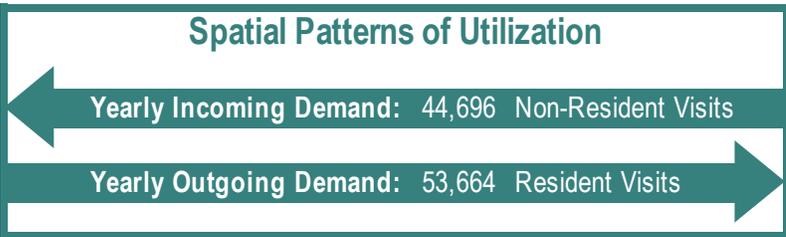


### Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	16,775	Neigh: 0.53 % - 0.83 % City: 1.60 % - 2.50 %
2021	17,400 - 17,475	
2026	18,026 - 18,175	

### Ontario Marginalization Index (2016)

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



### Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	67.8	71.6
ACSC Hospitalization / 100,000	123.4	244.4
Low Urgency ED (%)	55.6	81.5

### Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	38	65	0	0	0	68	0	179	2,159	176	102	343	0
2017	33	59	15	0	0	50	177	217	2,144	176	68	375	0	69	
		2018	43	15	0	13	63	170	132	633	180	80	354	22	76



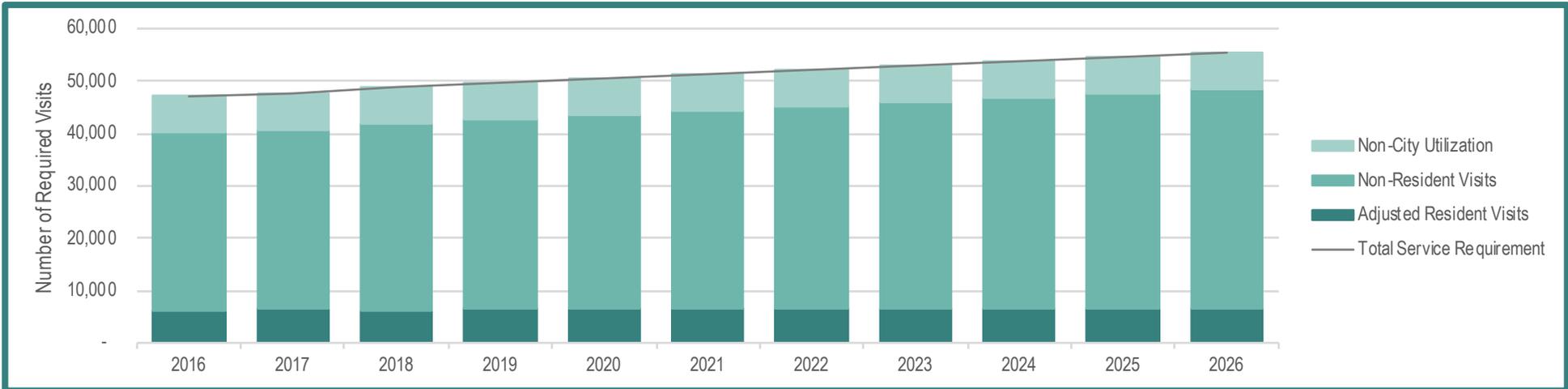
# Primary Care Workforce Planning

## Service Requirements Module: Mount Pleasant East

### 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>	16,893	17,031	17,168	17,306	17,443	17,581	17,718	17,856	17,993	18,131	18,268
<b>Resident Visits</b>	57,754	58,853	58,694	59,164	59,634	60,104	60,574	61,044	61,514	61,984	62,454
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	10.8%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	6,237	6,356	6,339	6,390	6,440	6,491	6,542	6,593	6,644	6,694	6,745
<b>Non-Resident Visits</b>	33,945	34,295	35,512	36,296	37,080	37,864	38,648	39,432	40,216	41,000	41,784
<b>Non-City Utilization</b>	6,871										
<b>Total Service Requirement</b>	47,053	47,522	48,722	49,557	50,392	51,226	52,061	52,896	53,730	54,565	55,400



# Primary Care Workforce Planning

## Service Capacity Module: Mount Pleasant East

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

#### Total Service Capacity =

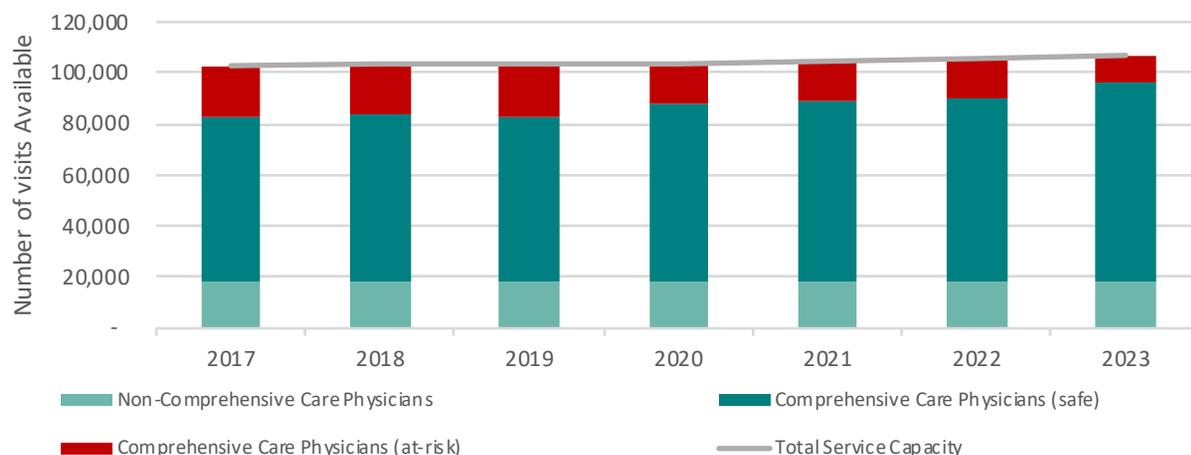
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	65	59	43
Dieticians	0	15	15
Midwives	0	0	0
NPs	0	0	13
OTs	68	50	63
Optometrists	0	177	170
Pharmacists	179	217	132
PTs	2,159	2,144	633
Psychologists	176	176	180
RNs	102	68	80
RPNs	343	375	354
RTs	0	0	22
SLPs	63	69	76

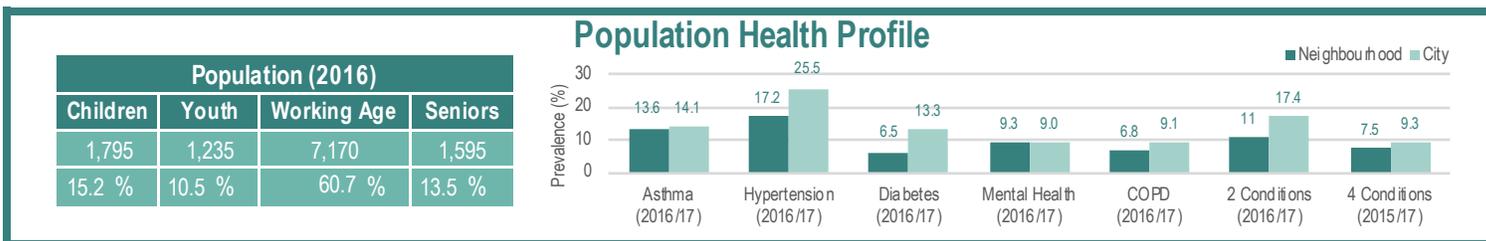
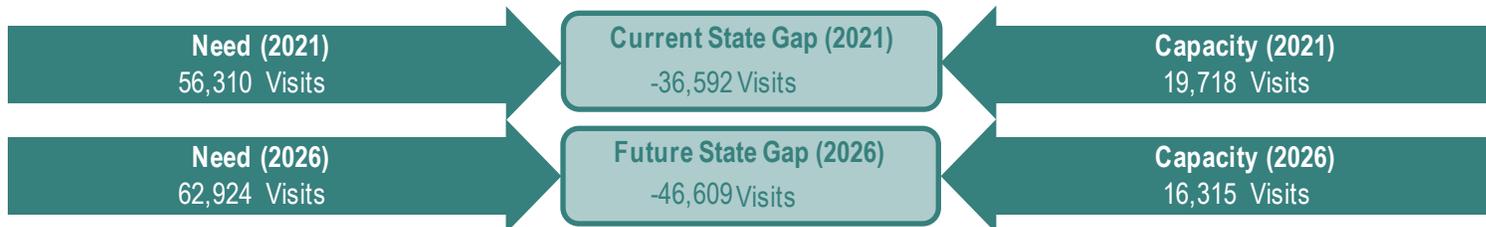
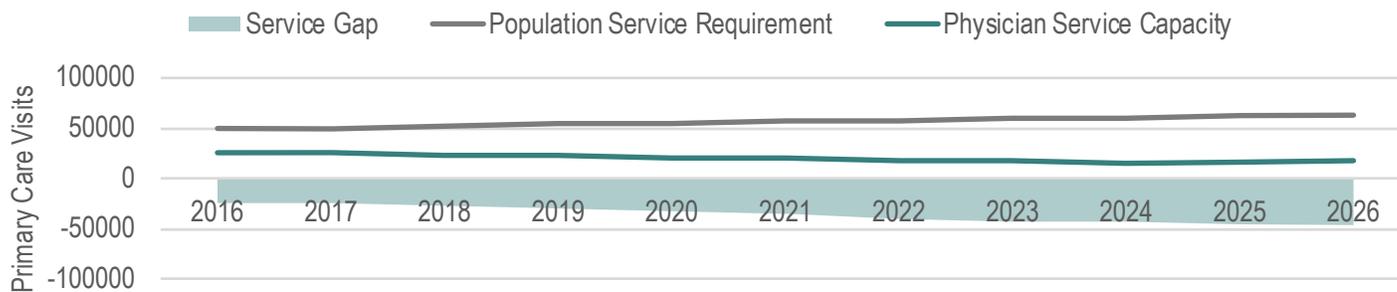
Number of Comprehensive Primary Care Physicians	
2016	38
2017	33

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	64,428	65,872	64,172	69,564	70,784	71,671	77,463
Comprehensive Care Physicians' At-Risk Service Capacity	20,085	18,981	21,021	15,969	15,240	15,376	11,104
Non-Comprehensive Care Physicians' Service Capacity	18,376						
<b>Total Service Capacity</b>	102,889	103,229	103,569	103,909	104,400	105,423	106,943



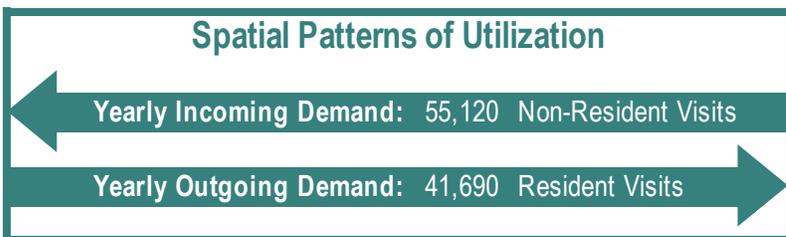
# Primary Care Workforce Planning

Neighbourhood Profile: Yonge-Eglinton



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	11,817	Neigh: 1.03 % - 1.61 %
2021	12,668 - 12,771	City: 1.60 % - 2.50 %
2026	13,518 - 13,725	

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



Indicator	Neigh.	City
PEM Attachment (%)	68.6	71.6
ACSC Hospitalization / 100,000	195.3	244.4
Low Urgency ED (%)	63.7	81.5

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiroprodists	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	7	26	6	0	0	196	0	41	678	291	6	220	0
2017	7	33	3	0	0	96	12	56	680	291	0	168	0	25	
2018	7	16	6	0	0	100	10	0	236	278	22	104	0	16	



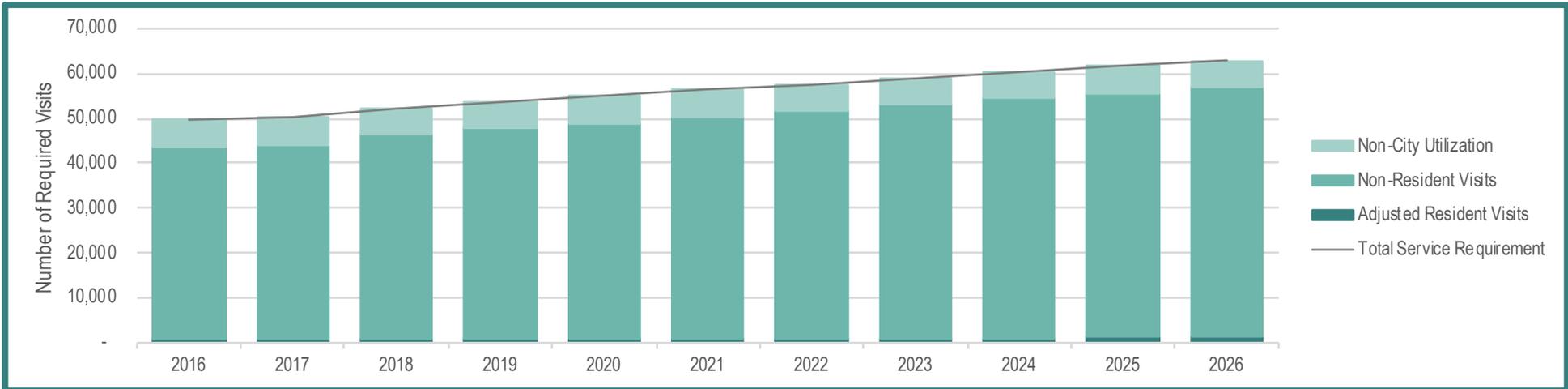
# Primary Care Workforce Planning

## Service Requirements Module: Yonge-Eglinton

### 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>	11,540	11,728	11,916	12,103	12,291	12,479	12,667	12,855	13,042	13,230	13,418
<b>Resident Visits</b>	39,636	39,641	40,926	41,571	42,216	42,861	43,506	44,151	44,796	45,442	46,087
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	2.6%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	1,031	1,031	1,064	1,081	1,098	1,114	1,131	1,148	1,165	1,181	1,198
<b>Non-Resident Visits</b>	42,740	43,212	45,352	46,658	47,964	49,270	50,576	51,882	53,188	54,494	55,800
<b>Non-City Utilization</b>	5,926										
<b>Total Service Requirement</b>	<b>49,697</b>	<b>50,169</b>	<b>52,342</b>	<b>53,665</b>	<b>54,988</b>	<b>56,310</b>	<b>57,633</b>	<b>58,956</b>	<b>60,279</b>	<b>61,602</b>	<b>62,924</b>

# Primary Care Workforce Planning

## Service Capacity Module: Yonge-Eglinton

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

#### Total Service Capacity =

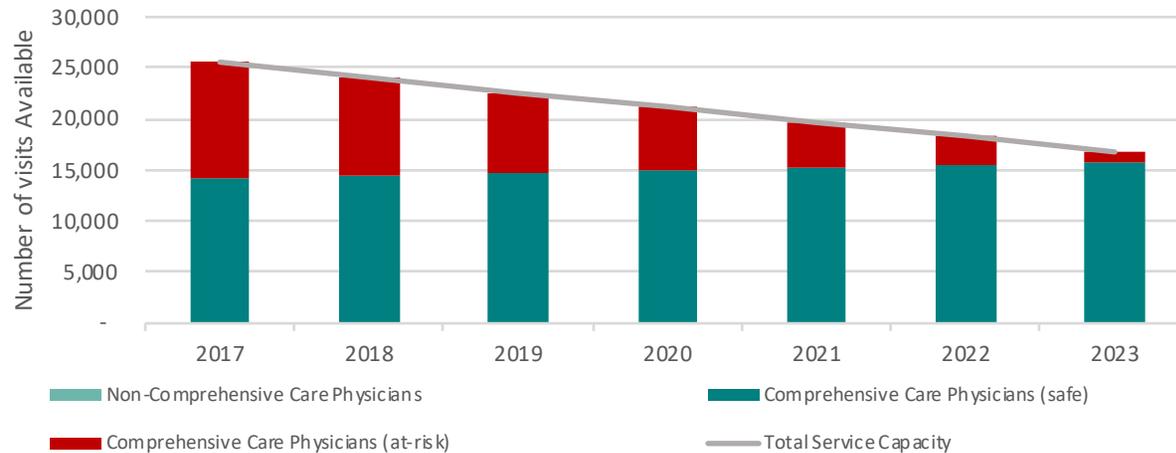
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	26	33	16
Dieticians	6	3	6
Midwives	0	0	0
NPs	0	0	0
OTs	196	96	100
Optometrists	0	12	10
Pharmacists	41	56	0
PTs	678	680	236
Psychologists	291	291	278
RNs	6	0	22
RPNs	220	168	104
RTs	0	0	0
SLPs	24	25	16

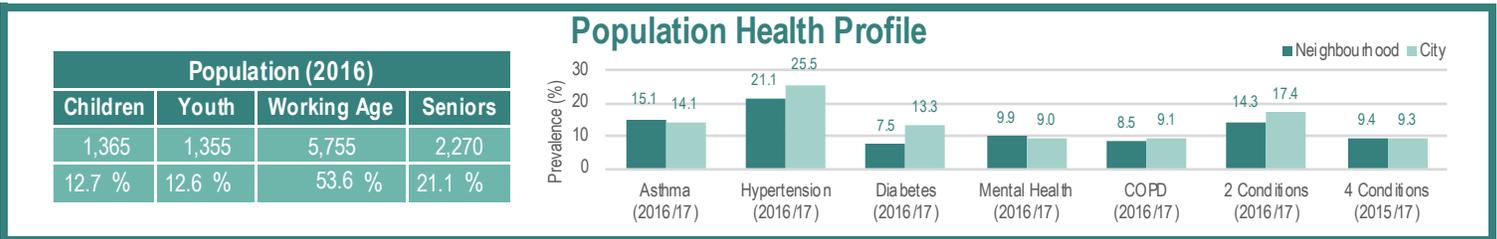
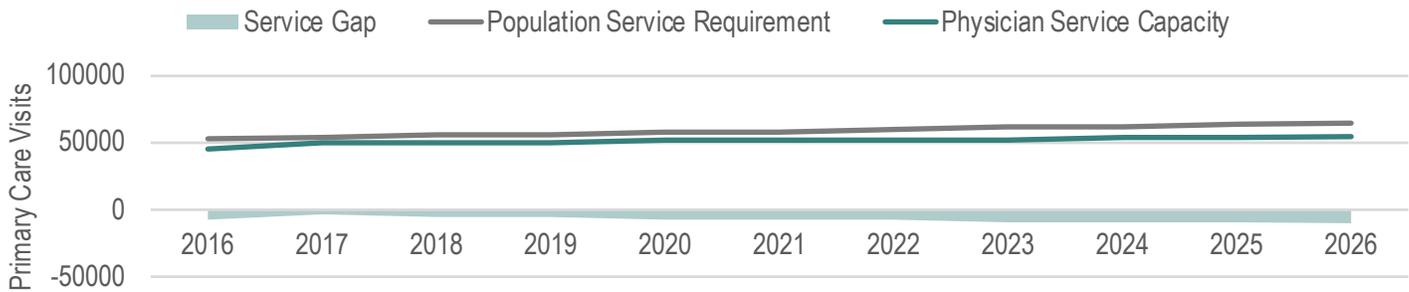
Number of Comprehensive Primary Care Physicians	
2016	7
2017	7

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	14,317	14,539	14,761	14,983	15,205	15,427	15,649
Comprehensive Care Physicians' At-Risk Service Capacity	11,265	9,577	7,889	6,201	4,513	2,825	1,137
Non-Comprehensive Care Physicians' Service Capacity	0						
<b>Total Service Capacity</b>	<b>25,582</b>	<b>24,116</b>	<b>22,650</b>	<b>21,184</b>	<b>19,718</b>	<b>18,252</b>	<b>16,786</b>



# Primary Care Workforce Planning

Neighbourhood Profile: Forest Hill South

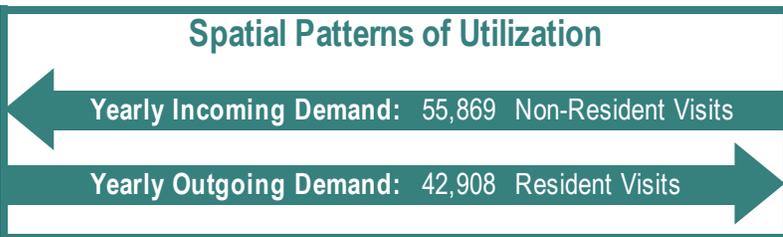


### Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	10,732	Neigh: 0.32 % - 0.50 % City: 1.60 % - 2.50 %
2021	10,974 - 11,001	
2026	11,215 - 11,270	

### Ontario Marginalization Index (2016)

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



### Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	67.9	71.6
ACSC Hospitalization / 100,000	157.3	244.4
Low Urgency ED (%)	61.7	81.5

### Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	31	34	0	0	22	0	181	159	85	370	382	0
2016	19	32	35	0	21	13	26	215	109	104	438	504	0	4
2017	18	39	0	0	20	22	36	39	34	133	367	503	0	0

**Average Weekly Hours Available**



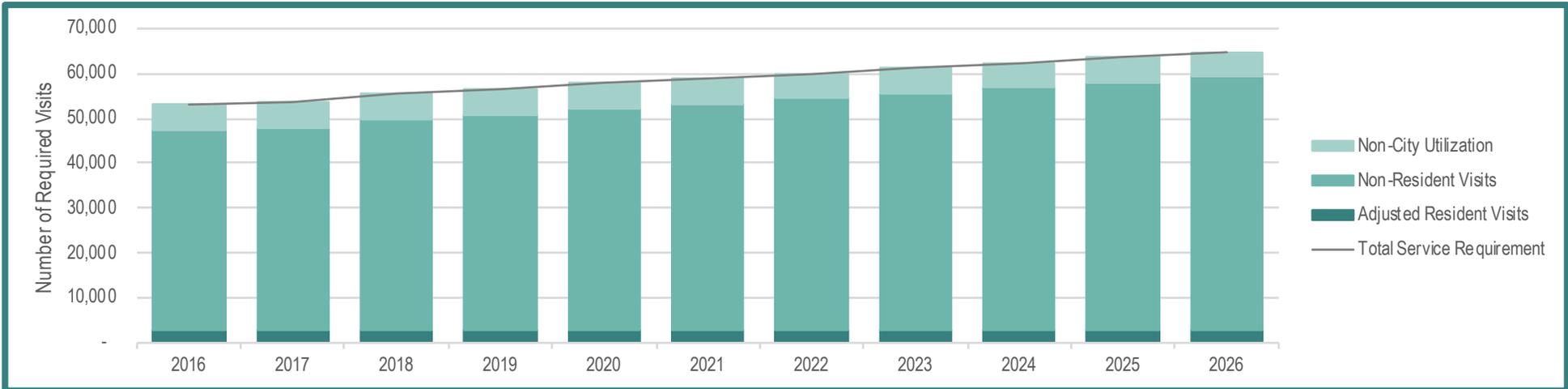
# Primary Care Workforce Planning

## Service Requirements Module: Forest Hill South

### 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>	11,768	11,821	11,875	11,928	11,981	12,035	12,088	12,141	12,194	12,248	12,301
<b>Resident Visits</b>	44,828	45,558	45,234	45,437	45,640	45,843	46,046	46,249	46,452	46,655	46,858
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	6.5%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	2,914	2,961	2,940	2,953	2,967	2,980	2,993	3,006	3,019	3,033	3,046
<b>Non-Resident Visits</b>	44,556	45,139	46,863	48,016	49,170	50,323	51,476	52,630	53,783	54,937	56,090
<b>Non-City Utilization</b>	5,598										
<b>Total Service Requirement</b>	53,068	53,698	55,401	56,568	57,734	58,901	60,067	61,234	62,401	63,567	64,734

# Primary Care Workforce Planning

## Service Capacity Module: Forest Hill South

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

#### Total Service Capacity =

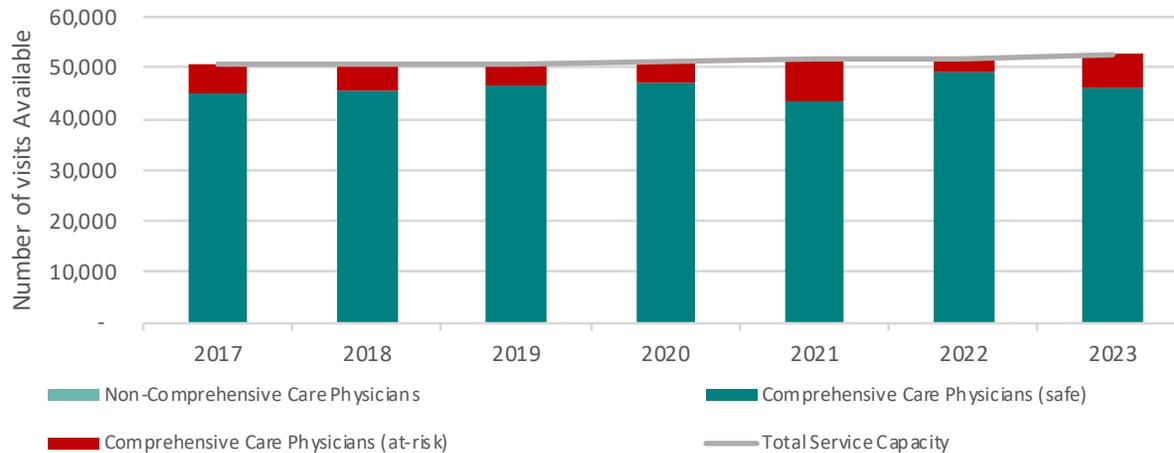
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	31	32	39
Dieticians	34	35	0
Midwives	0	0	0
NPs	0	21	20
OTs	22	13	22
Optometrists	0	26	36
Pharmacists	181	215	39
PTs	159	109	34
Psychologists	85	104	133
RNs	370	438	367
RPNs	382	504	503
RTs	0	0	0
SLPs	3	4	0

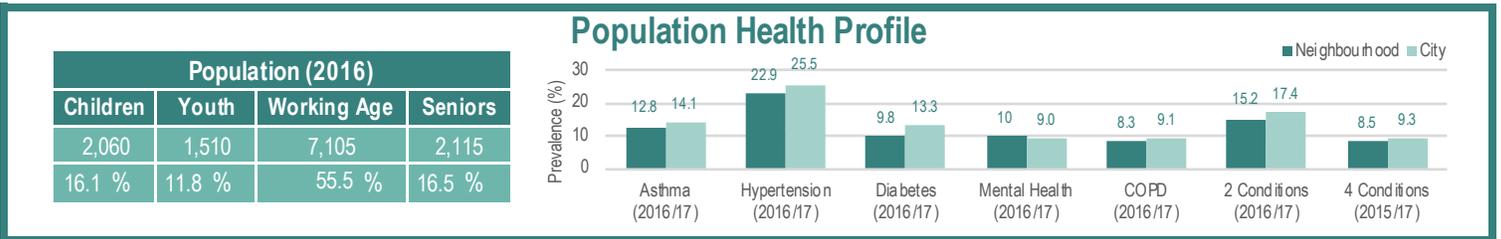
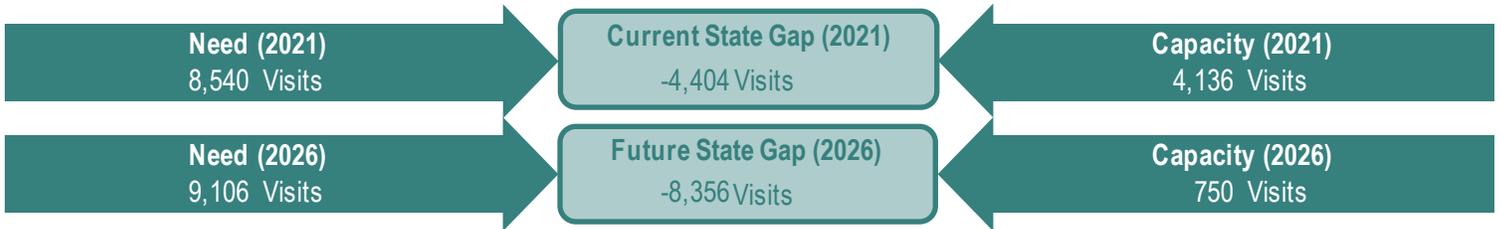
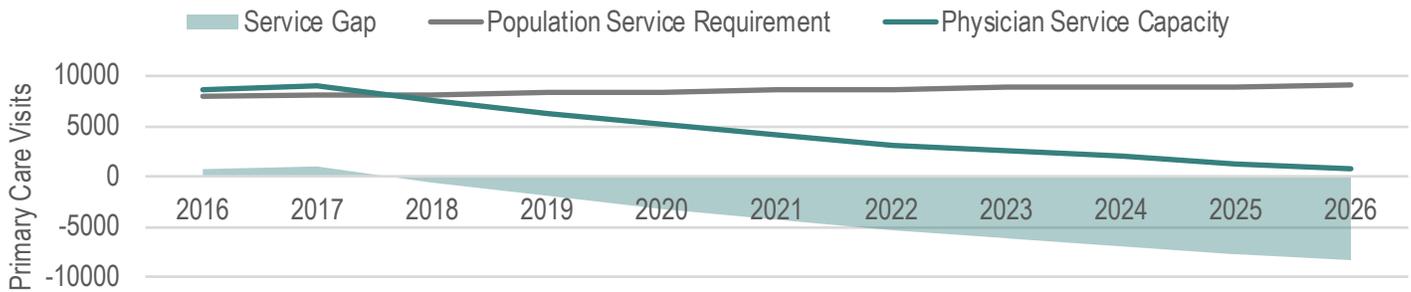
Number of Comprehensive Primary Care Physicians	
2016	19
2017	18

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	45,197	45,457	46,389	47,321	43,616	49,185	45,834
Comprehensive Care Physicians' At-Risk Service Capacity	5,563	5,431	4,627	3,901	7,984	2,793	6,788
Non-Comprehensive Care Physicians' Service Capacity	0						
<b>Total Service Capacity</b>	<b>50,760</b>	<b>50,888</b>	<b>51,016</b>	<b>51,222</b>	<b>51,600</b>	<b>51,978</b>	<b>52,622</b>



# Primary Care Workforce Planning

Neighbourhood Profile: Forest Hill North

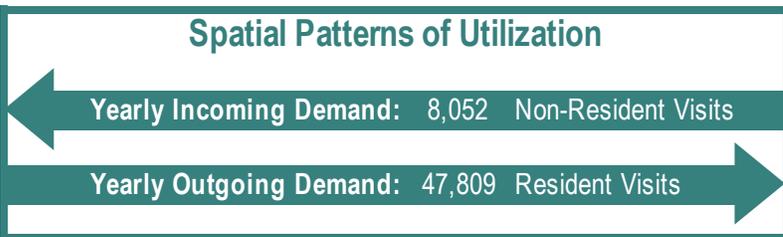


### Population Growth

Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	12,806	Neigh: 0.21 % - 0.32 % City: 1.60 % - 2.50 %
2021	12,990 - 13,013	
2026	13,174 - 13,220	

### Ontario Marginalization Index (2016)

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



### Unmet Need for Primary Care

Indicator	Neigh.	City
PEM Attachment (%)	67.8	71.6
ACSC Hospitalization / 100,000	102.8	244.4
Low Urgency ED (%)	64.3	81.5

### Primary Care Workforce Profile

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	(1-5)	10	53	0	0	32	0	88	0	33	56	140	0
2017	(1-5)	13	50	0	0	29	0	101	0	67	76	125	0	34	
2018	(1-5)	14	54	0	0	25	0	15	0	65	71	147	0	37	



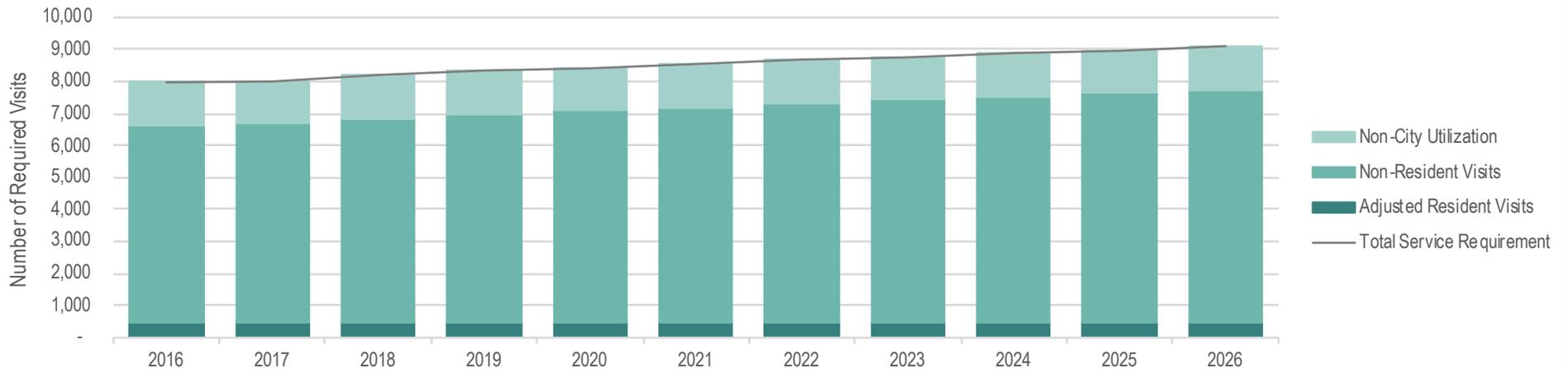
# Primary Care Workforce Planning

## Service Requirements Module: Forest Hill 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
<b>Number of Residents</b>	13,333	13,374	13,415	13,456	13,497	13,538	13,578	13,619	13,660	13,701	13,742
<b>Resident Visits</b>	47,535	47,982	47,827	47,973	48,119	48,265	48,410	48,556	48,702	48,848	48,994
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	1.0%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	475	480	478	480	481	483	484	486	487	488	490
<b>Non-Resident Visits</b>	6,155	6,210	6,378	6,490	6,602	6,713	6,825	6,937	7,048	7,160	7,272
<b>Non-City Utilization</b>	1,344										
<b>Total Service Requirement</b>	<b>7,974</b>	<b>8,034</b>	<b>8,201</b>	<b>8,314</b>	<b>8,427</b>	<b>8,540</b>	<b>8,653</b>	<b>8,766</b>	<b>8,879</b>	<b>8,993</b>	<b>9,106</b>



# Primary Care Workforce Planning

## Service Capacity Module: Forest Hill North

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

#### Total Service Capacity =

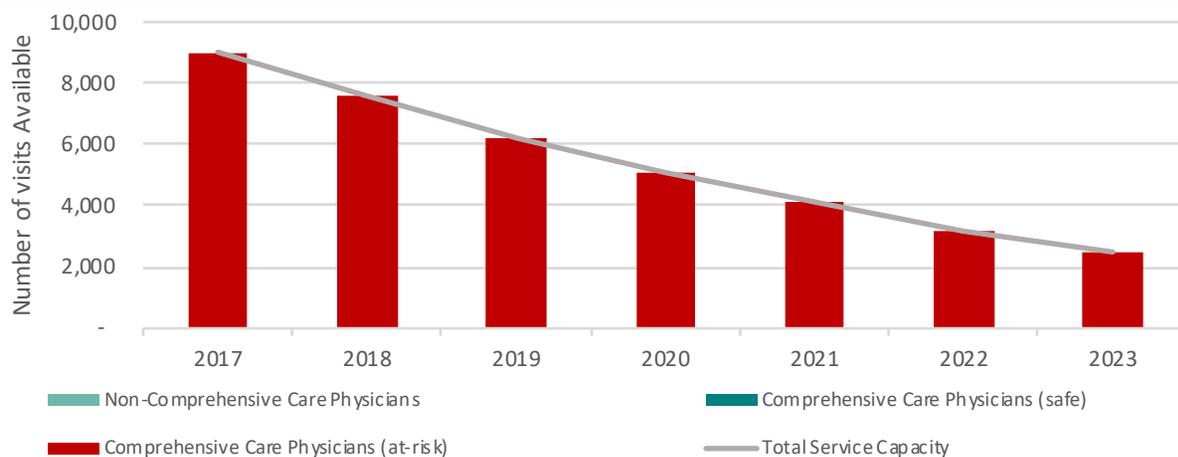
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	10	13	14
Dieticians	53	50	54
Midwives	0	0	0
NPs	0	0	0
OTs	32	29	25
Optometrists	0	0	0
Pharmacists	88	101	15
PTs	0	0	0
Psychologists	33	67	65
RNs	56	76	71
RPNs	140	125	147
RTs	0	0	0
SLPs	35	34	37

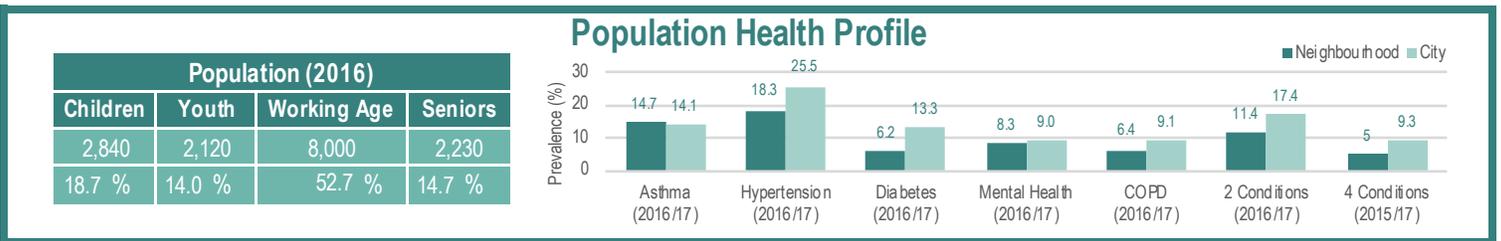
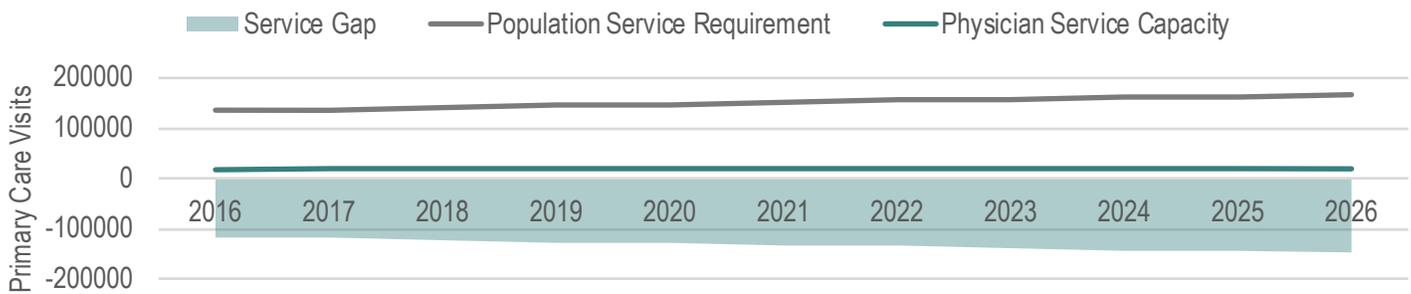
Number of Comprehensive Primary Care Physicians	
2016	(1-5)
2017	(1-5)

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	0	0	0	0	0	0	0
Comprehensive Care Physicians' At-Risk Service Capacity	9,017	7,630	6,243	5,110	4,136	3,162	2,493
Non-Comprehensive Care Physicians' Service Capacity	0						
<b>Total Service Capacity</b>	<b>9,017</b>	<b>7,630</b>	<b>6,243</b>	<b>5,110</b>	<b>4,136</b>	<b>3,162</b>	<b>2,493</b>



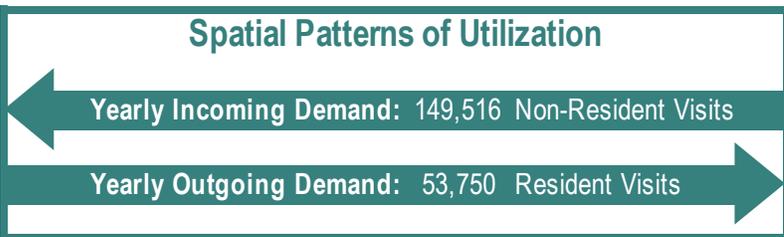
# Primary Care Workforce Planning

Neighbourhood Profile: Lawrence Park South



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	15,179	Neigh: 0.47 % - 0.73 % City: 1.60 % - 2.50 %
2021	15,674 - 15,730	
2026	16,169 - 16,280	

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



Indicator	Neigh.	City
PEM Attachment (%)	67.3	71.6
ACSC Hospitalization / 100,000	82.2	244.4
Low Urgency ED (%)	56.9	81.5

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiroprodists	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	8	0	1	0	0	16	0	133	44	114	6	69	0
2017	8	3	0	0	0	23	56	115	37	131	15	48	0	38	
2018	8	16	34	0	0	11	69	22	41	136	7	76	0	30	



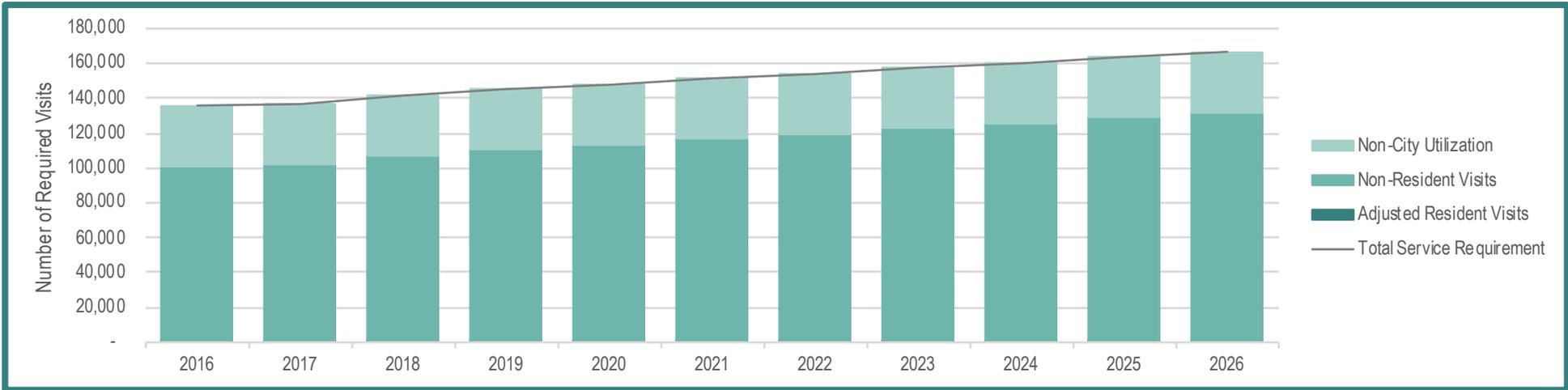
# Primary Care Workforce Planning

## Service Requirements Module: Lawrence Park South

### 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>	15,905	16,014	16,122	16,231	16,339	16,448	16,557	16,665	16,774	16,882	16,991
<b>Resident Visits</b>	53,466	53,902	54,196	54,561	54,926	55,291	55,657	56,022	56,387	56,752	57,117
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	2.8%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	1,497	1,509	1,517	1,528	1,538	1,548	1,558	1,569	1,579	1,589	1,599
<b>Non-Resident Visits</b>	99,447	100,671	105,585	108,653	111,722	114,791	117,860	120,929	123,998	127,067	130,136
<b>Non-City Utilization</b>	34,892										
<b>Total Service Requirement</b>	135,836	137,072	141,994	145,073	148,152	151,231	154,311	157,390	160,469	163,548	166,627



# Primary Care Workforce Planning

## Service Capacity Module: Lawrence Park South

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

#### Total Service Capacity =

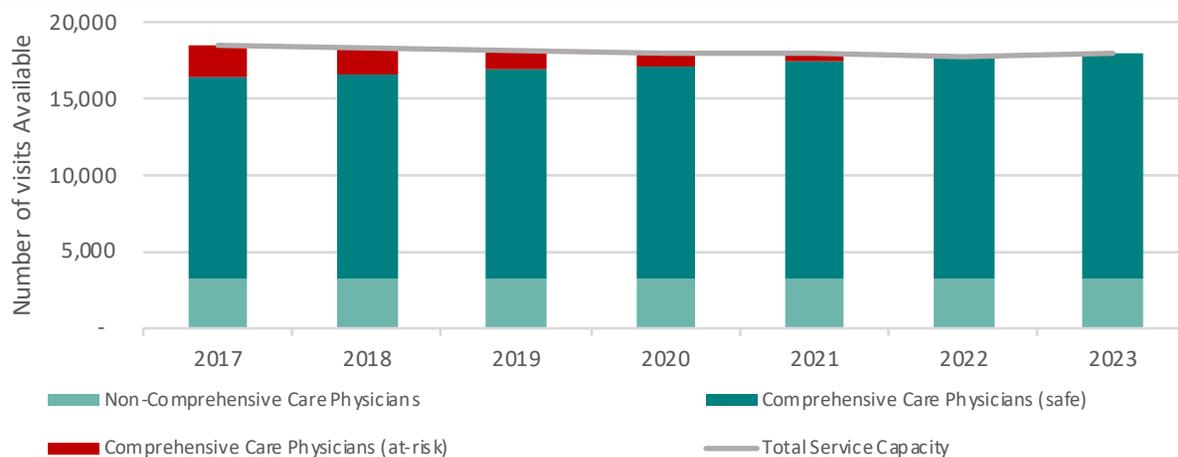
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	3	16
Dieticians	1	0	34
Midwives	0	0	0
NPs	0	0	0
OTs	16	23	11
Optometrists	0	56	69
Pharmacists	133	115	22
PTs	44	37	41
Psychologists	114	131	136
RNs	6	15	7
RPNs	69	48	76
RTs	0	0	0
SLPs	33	38	30

#### Number of Comprehensive Primary Care Physicians

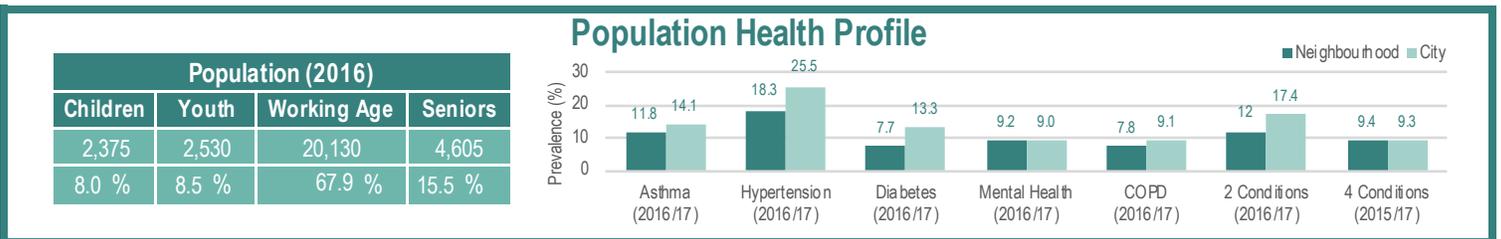
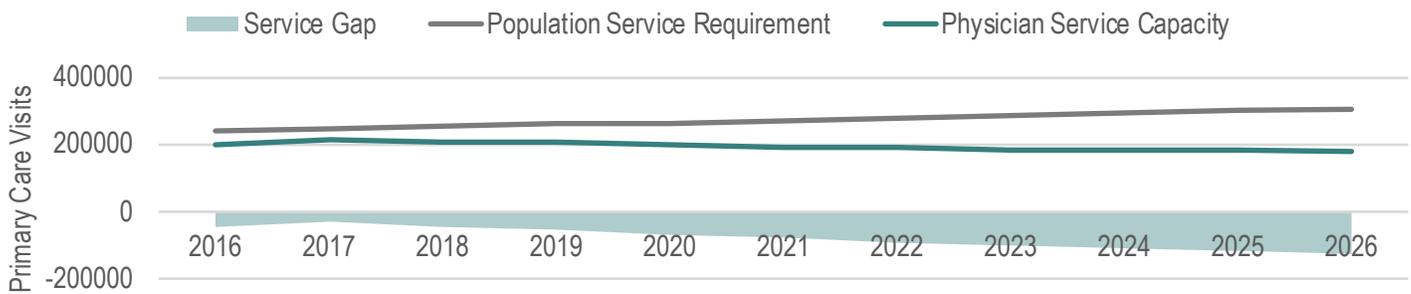
2016	8
2017	8

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	13,055	13,339	13,623	13,907	14,191	14,475	14,759
Comprehensive Care Physicians' At-Risk Service Capacity	2,165	1,732	1,299	866	433	0	0
Non-Comprehensive Care Physicians' Service Capacity	3,262						
<b>Total Service Capacity</b>	<b>18,482</b>	<b>18,333</b>	<b>18,184</b>	<b>18,035</b>	<b>17,886</b>	<b>17,737</b>	<b>18,021</b>



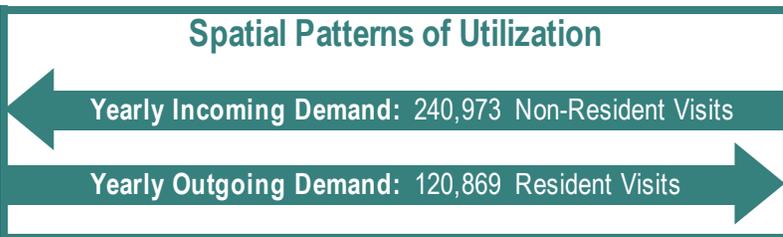
# Primary Care Workforce Planning

Neighbourhood Profile: Mount Pleasant West



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	29,658	Neigh: 6.65 % - ### % City: 1.60 % - 2.50 %
2021	43,461 - 45,157	
2026	57,263 - 60,655	

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



Indicator	Neigh.	City
PEM Attachment (%)	69.9	71.6
ACSC Hospitalization / 100,000	220.8	244.4
Low Urgency ED (%)	60.1	81.5

Number of Comprehensive Primary Care Physicians	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		Average Weekly Hours Available	2016	122	44	0	92	132	0	514	851	205	733	1,927
2016	63	135	138	0	66	123	301	436	816	206	971	2,070	0	62
2017	59	98	145	0	73	224	371	152	326	199	948	2,216	29	82



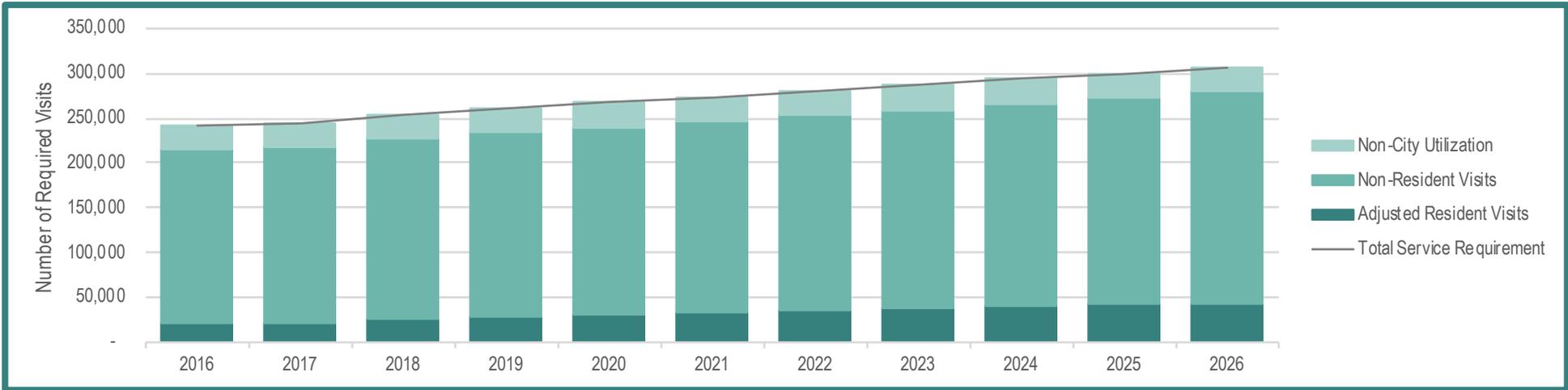
# Primary Care Workforce Planning

## Service Requirements Module: Mount Pleasant West

### 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>	28,983	32,030	35,076	38,123	41,170	44,217	47,263	50,310	53,357	56,403	59,450
<b>Resident Visits</b>	101,044	105,385	122,288	132,910	143,531	154,153	164,775	175,397	186,019	196,640	207,262
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	21.3%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	21,522	22,447	26,047	28,310	30,572	32,835	35,097	37,360	39,622	41,884	44,147
<b>Non-Resident Visits</b>	192,842	195,041	201,228	205,420	209,613	213,806	217,999	222,191	226,384	230,577	234,769
<b>Non-City Utilization</b>	27,348										
<b>Total Service Requirement</b>	241,713	244,836	254,623	261,078	267,533	273,988	280,444	286,899	293,354	299,809	306,264



# Primary Care Workforce Planning

## Service Capacity Module: Mount Pleasant West

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

#### Total Service Capacity =

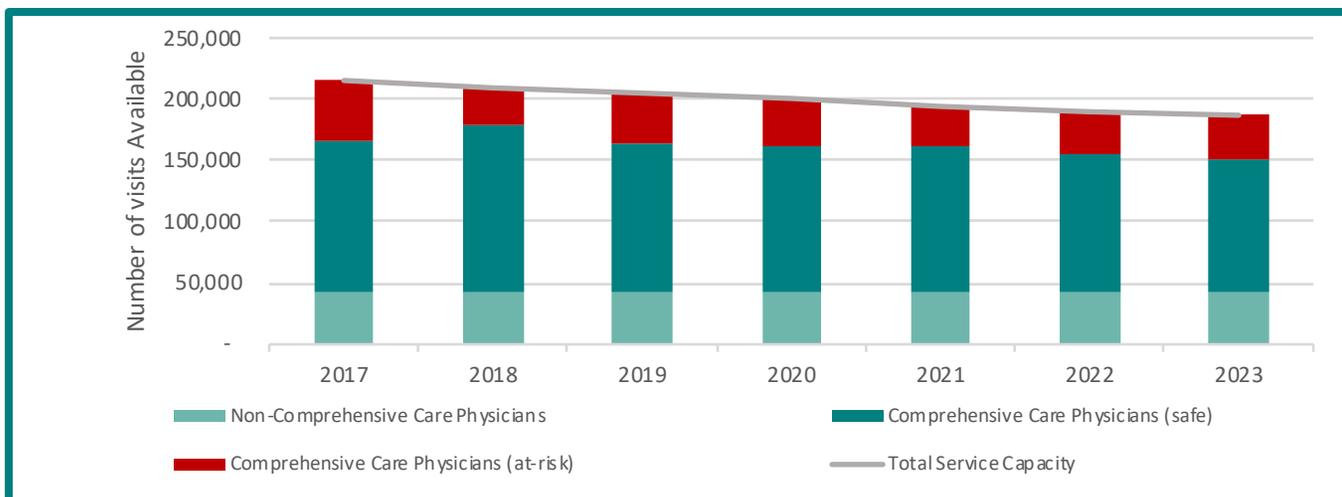
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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



Profession	2016	2017	2018
Chiroprodists	122	135	98
Dieticians	44	138	145
Midwives	0	0	0
NPs	92	66	73
OTs	132	123	224
Optometrists	0	301	371
Pharmacists	514	436	152
PTs	851	816	326
Psychologists	205	206	199
RNs	733	971	948
RPNs	1,927	2,070	2,216
RTs	0	0	29
SLPs	131	62	82

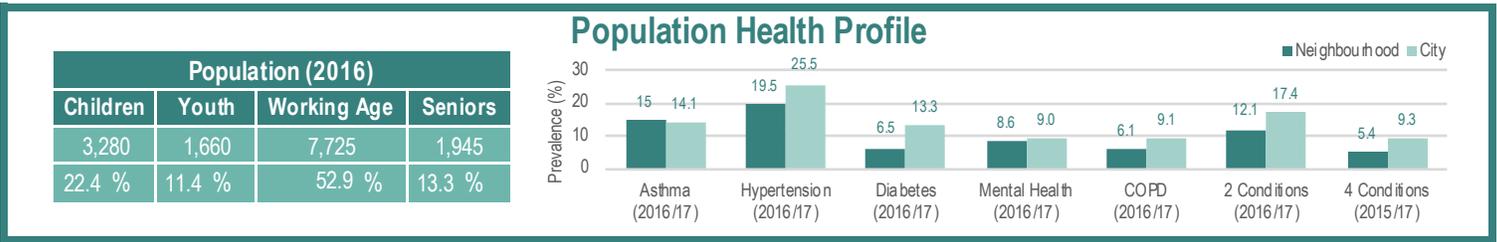
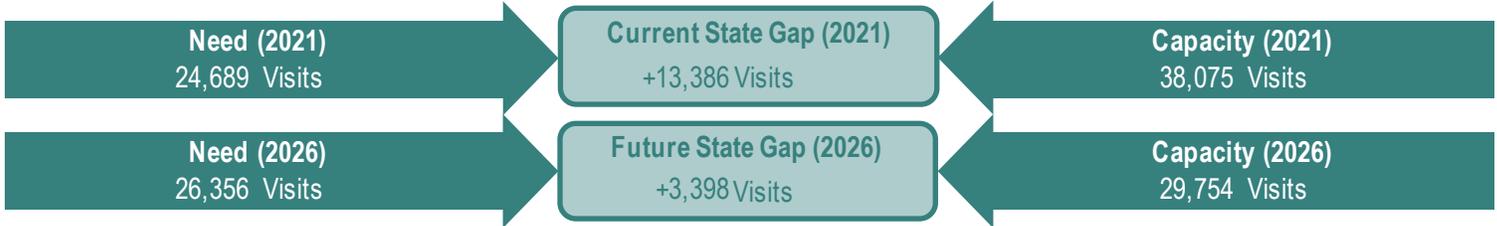
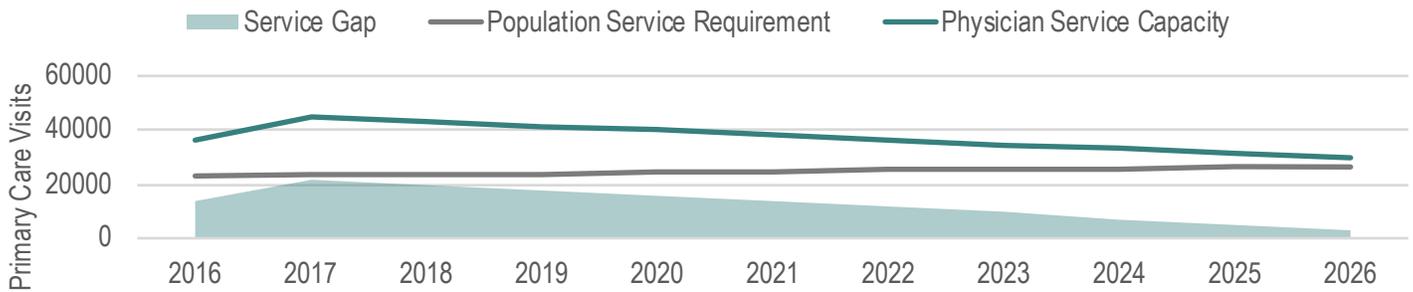
2016	63
2017	59

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	124,050	136,285	120,086	119,157	119,758	113,267	108,863
Comprehensive Care Physicians' At-Risk Service Capacity	48,324	30,906	41,922	37,770	32,386	34,469	35,110
Non-Comprehensive Care Physicians' Service Capacity	42,988						
<b>Total Service Capacity</b>	<b>215,362</b>	<b>210,179</b>	<b>204,996</b>	<b>199,915</b>	<b>195,132</b>	<b>190,724</b>	<b>186,961</b>



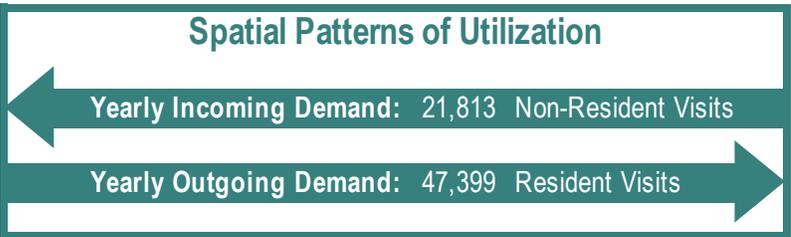
# Primary Care Workforce Planning

Neighbourhood Profile: Lawrence Park North



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	14,607	Neigh: 0.13 % - 0.21 % City: 1.60 % - 2.50 %
2021	14,741 - 14,759	
2026	14,876 - 14,910	

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



Indicator	Neigh.	City
PEM Attachment (%)	69.0	71.6
ACSC Hospitalization / 100,000	134.0	244.4
Low Urgency ED (%)	67.0	81.5

Number of Comprehensive Primary Care Physicians	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		Average Weekly Hours Available	2016	0	0	0	0	1	0	0	62	163	91	254
	2017	0	0	0	0	1	0	0	64	170	69	164	0	48
	2018	0	0	0	0	0	11	0	12	170	82	232	0	46



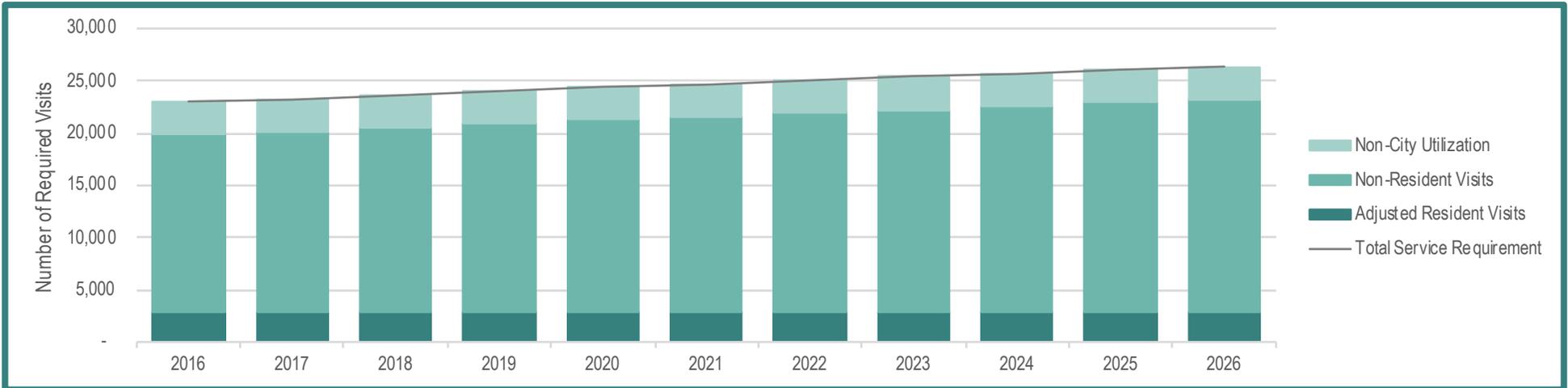
# Primary Care Workforce Planning

## Service Requirements Module: Lawrence Park 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
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- 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>	15,331	15,361	15,391	15,420	15,450	15,480	15,510	15,540	15,569	15,599	15,629
<b>Resident Visits</b>	49,729	50,392	49,923	50,019	50,116	50,213	50,309	50,406	50,503	50,599	50,696
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	5.7%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	2,835	2,872	2,846	2,851	2,857	2,862	2,868	2,873	2,879	2,884	2,890
<b>Non-Resident Visits</b>	17,066	17,244	17,722	18,050	18,379	18,707	19,035	19,363	19,691	20,019	20,347
<b>Non-City Utilization</b>	3,120										
<b>Total Service Requirement</b>	<b>23,021</b>	<b>23,237</b>	<b>23,688</b>	<b>24,022</b>	<b>24,355</b>	<b>24,689</b>	<b>25,022</b>	<b>25,356</b>	<b>25,689</b>	<b>26,023</b>	<b>26,356</b>



# Primary Care Workforce Planning

## Service Capacity Module: Lawrence Park North

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

#### Total Service Capacity =

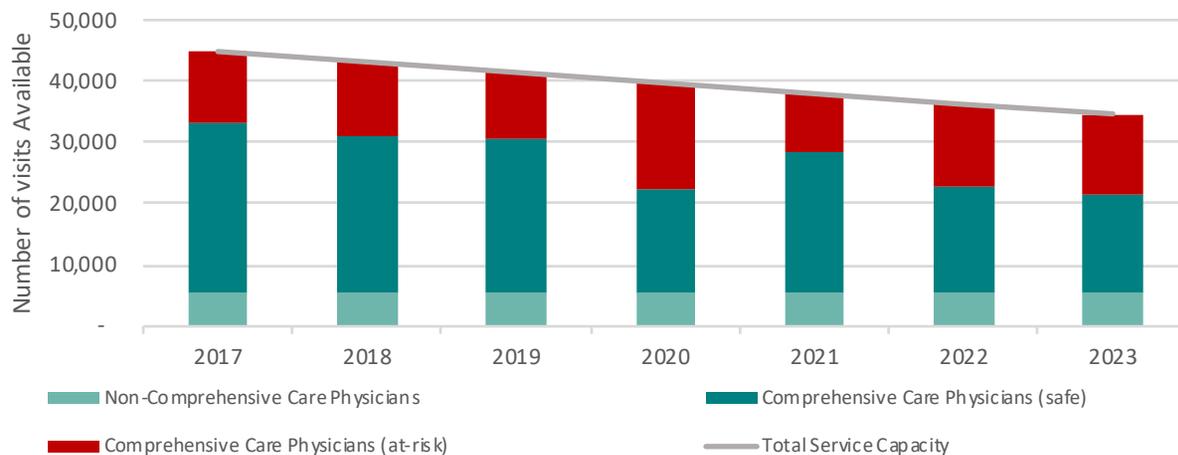
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

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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	0	0	0
Midwives	0	0	0
NPs	0	0	0
OTs	1	1	0
Optometrists	0	0	11
Pharmacists	0	0	0
PTs	62	64	12
Psychologists	163	170	170
RNs	91	69	82
RPNs	254	164	232
RTs	0	0	0
SLPs	53	48	46

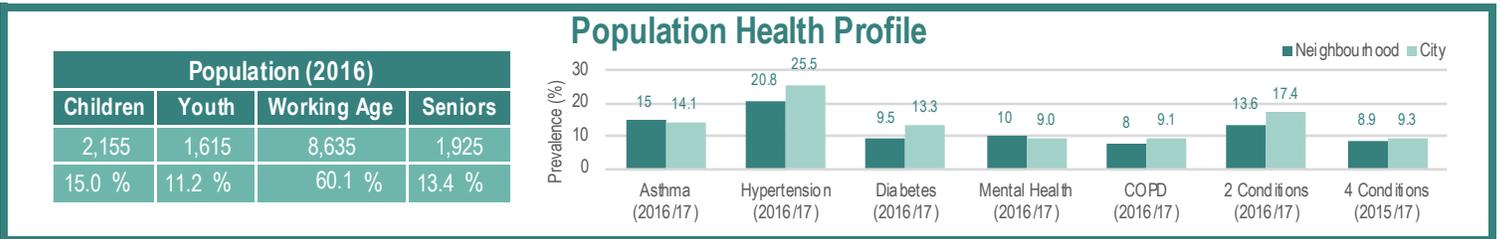
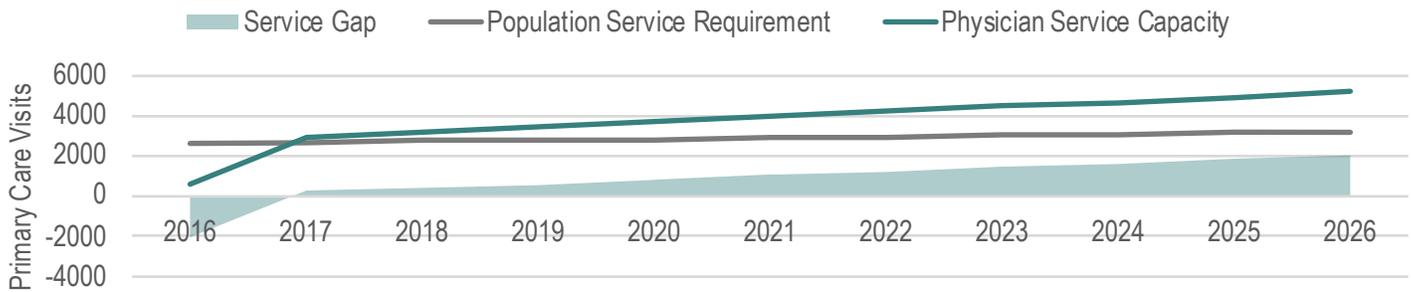
Number of Comprehensive Primary Care Physicians	
2016	13
2017	12

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	27,610	25,220	25,015	16,838	22,943	17,136	15,977
Comprehensive Care Physicians' At-Risk Service Capacity	11,593	12,287	10,796	17,277	9,476	13,587	13,050
Non-Comprehensive Care Physicians' Service Capacity	5,656						
<b>Total Service Capacity</b>	<b>44,859</b>	<b>43,163</b>	<b>41,467</b>	<b>39,771</b>	<b>38,075</b>	<b>36,379</b>	<b>34,683</b>



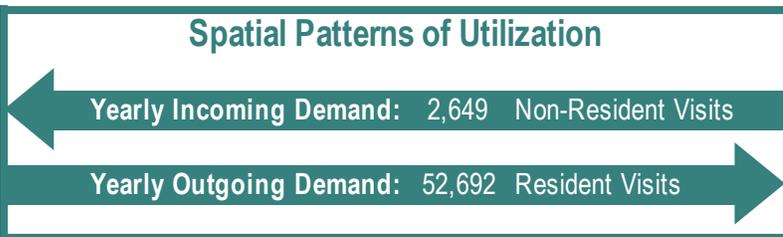
# Primary Care Workforce Planning

Neighbourhood Profile: Humewood-Cedarvale



Year	Population Estimates (Low-High)	Estimated Yearly Growth
2016	14,365	Neigh: 0.94 % - 1.47 % City: 1.60 % - 2.50 %
2021	15,305 - 15,420	
2026	16,246 - 16,475	

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



Indicator	Neigh.	City
PEM Attachment (%)	67.1	71.6
ACSC Hospitalization / 100,000	210.5	244.4
Low Urgency ED (%)	71.1	81.5

Number of Comprehensive Primary Care Physicians	Average Weekly Hours Available	Year	Chiropractis	Dieticians	Midwives	NPs	OTs	Optometrists	Pharmacists	PTs	Psychologists	RNs	RPNs	RTs	SLPs
		2016	(1-5)	0	4	0	10	0	0	168	124	1	226	392	0
2017	(1-5)	0	1	0	4	0	0	229	103	17	189	225	0	36	
2017	(1-5)	0	3	0	12	0	0	86	77	17	151	173	0	35	



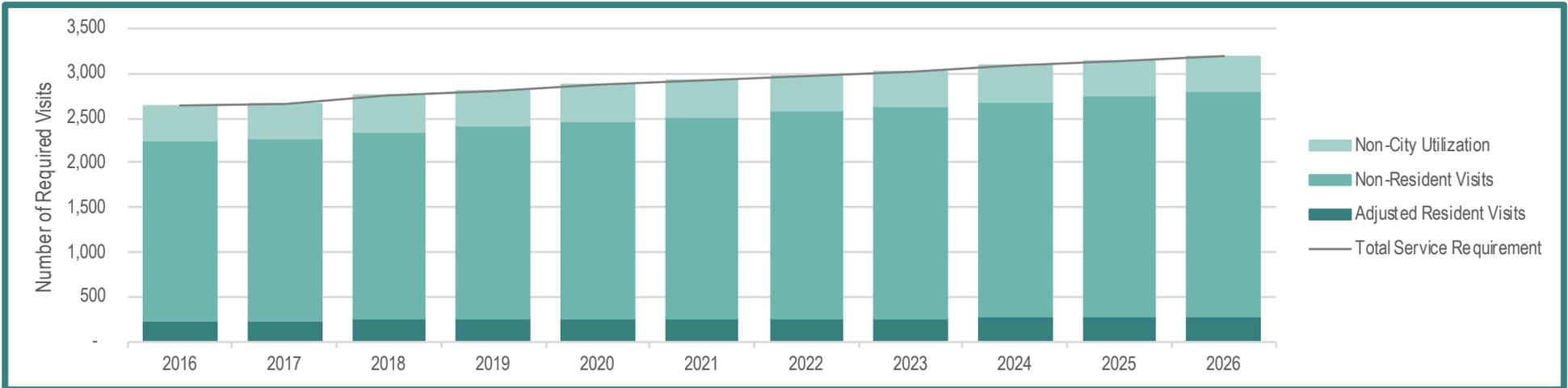
# Primary Care Workforce Planning

## Service Requirements Module: Humewood-Cedarvale

### 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>	13,770	13,978	14,185	14,393	14,600	14,808	15,015	15,223	15,430	15,638	15,845
<b>Resident Visits</b>	49,321	49,186	50,807	51,551	52,294	53,037	53,780	54,524	55,267	56,010	56,753
<b>Proportion of Care Accessed Within Home Neighbourhood</b>	0.5%										
<b>Resident Visits Adjusted for Spatial Patterns of Utilization</b>	247	246	254	258	261	265	269	273	276	280	284
<b>Non-Resident Visits</b>	1,998	2,022	2,101	2,152	2,204	2,255	2,307	2,358	2,410	2,461	2,513
<b>Non-City Utilization</b>	396										
<b>Total Service Requirement</b>	<b>2,640</b>	<b>2,664</b>	<b>2,751</b>	<b>2,806</b>	<b>2,861</b>	<b>2,916</b>	<b>2,972</b>	<b>3,027</b>	<b>3,082</b>	<b>3,137</b>	<b>3,193</b>

# Primary Care Workforce Planning

## Service Capacity Module: Humewood-Cedarvale

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

#### Total Service Capacity =

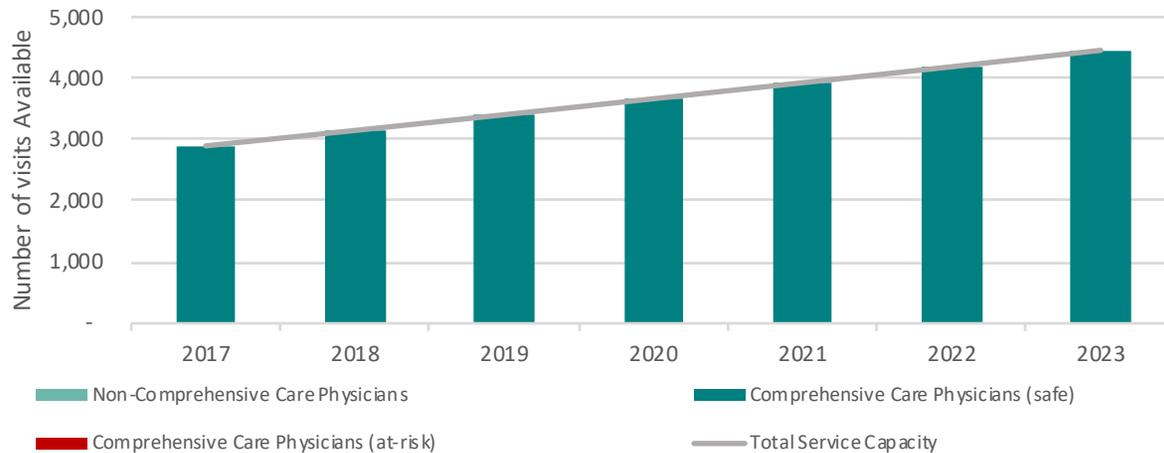
**Comprehensive Care Physicians' Safe Service Capacity:** Estimated number of services provided by comprehensive care physicians who are not expected to be at risk of exit from the workforce

+

**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	4	1	3
Midwives	0	0	0
NPs	10	4	12
OTs	0	0	0
Optometrists	0	0	0
Pharmacists	168	229	86
PTs	124	103	77
Psychologists	1	17	17
RNs	226	189	151
RPNs	392	225	173
RTs	0	0	0
SLPs	28	36	35

#### Number of Comprehensive Primary Care Physicians

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

	2017	2018	2019	2020	2021	2022	2023
Comprehensive Care Physicians' Safe Service Capacity	2,897	3,157	3,417	3,677	3,937	4,197	4,457
Comprehensive Care Physicians' At-Risk Service Capacity	0	0	0	0	0	0	0
Non-Comprehensive Care Physicians' Service Capacity	0						
<b>Total Service Capacity</b>	<b>2,897</b>	<b>3,157</b>	<b>3,417</b>	<b>3,677</b>	<b>3,937</b>	<b>4,197</b>	<b>4,457</b>

# 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.

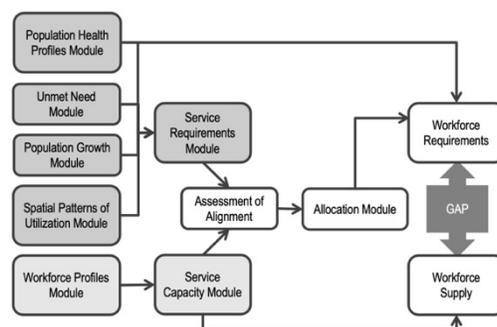
### Methodology

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:  
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