

Toronto **2017**
BUDGET

Toronto Public Health (TPH)

2017 Preliminary Operating Budget and
2017 - 2026 Preliminary Capital Budget & Plan

Budget Committee



- Agency Overview:
 - Agency Services and Resources
- Operating Overview
 - Service Performance
 - Key Issues & Priority Actions
 - 2017 - 2019 Preliminary Operating Budget & Plan
- Capital Overview
 - Capital Performance
 - Key Issues & Priority Actions
 - 2017 – 2026 Preliminary Capital Budget & Plan



Agency Overview

Toronto Public Health reduces health inequities and improves the health of the population.



EVERYONE

POPULATION HEALTH SURVEILLANCE
CONTROL OF INFECTIOUS DISEASES
OUTBREAK CONTROL
TOBACCO ENFORCEMENT
BED BUG CONTROL

PUBLIC HEALTH EMERGENCIES
CHRONIC DISEASE PREVENTION
DINESAFE
BODYSAFE
SWIMS SAFE



PRENATAL

FAMILY PLANNING
HEALTHY PREGNANCY
PARENTHOOD PREPARATION
ONLINE PRENATAL PARENTING PROGRAMS
LOW INCOME DENTAL SERVICES



INFANT AND
YOUNG CHILDREN

CHILD HEALTH & DEVELOPMENT
BREASTFEEDING
POST PARTUM PROGRAMMING
INFANT HEARING SCREENING
PRE-SCHOOL SPEECH AND LANGUAGE
IMMUNIZATION
LOW INCOME DENTAL SERVICES



CHILDREN
AND YOUTH

SCHOOL HEALTH
STUDENT NUTRITION PROGRAMS
CHILDHOOD OBESITY PREVENTION
INJURY PREVENTION
SUBSTANCE MISUSE PREVENTION
SEXUAL HEALTH
LOW INCOME DENTAL SERVICES
IMMUNIZATION
COMMUNITY PARTNERSHIPS
YOUTH LEADERSHIP



ADULTS

SUBSTANCE MISUSE PREVENTION
MENTAL HEALTH PROMOTION
LOW INCOME DENTAL SERVICES
SMOKING CESSATION
DIABETES STRATEGY



SENIORS

LOW INCOME DENTAL SERVICES
FALLS PREVENTION



EVERYONE

Return on Investment in Public Health

- The average lifespan of Canadians has increased by more than 30 years since the early 1900s
- 25 of those years are attributable to advances in public health
- There are numerous public health achievements that led to this remarkable accomplishment

A relatively small investment provides every person with considerable returns.

EVERY \$1 INVESTED IN:



Immunizing children with the measles-mumps-rubella vaccine saves \$16 in health care costs;

SAVES \$16



car and booster seats saves \$40 in avoided medical costs; introducing **cleaner vehicles and fuels** to reduce air pollution saves \$4 in avoided health problems;

SAVES \$40



fluoridated drinking water results in \$38 saved in dental care;

SAVES \$38



tobacco prevention programs save up to \$20 in future health care costs;

SAVES \$20



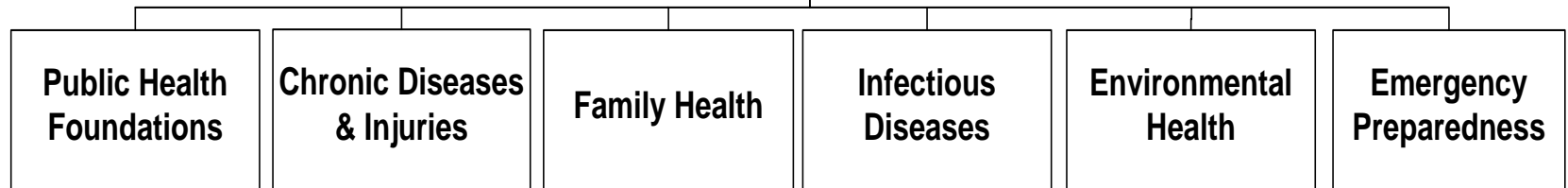
early childhood development and health care saves up to \$9 in future spending on health, social and justice services.

SAVES \$9

Source: Canadian Public Health Association, April 29, 2015

Toronto Public Health

TPH reduces health inequities and improves the health of the whole population



Purpose: To ensure effective public health programs responding to the health needs of the population.

Purpose: To reduce the burden of preventable chronic diseases and injuries of public health importance and reduce the frequency and severity of preventable injury and of substance misuse.

Purpose: To enable individuals and families to achieve optimal preconception health, experience a healthy pregnancy, have the healthiest newborn(s) possible, and be prepared for parenthood and all children to attain and sustain optimal health and developmental potential.

Purpose: To prevent or reduce the burden of infectious diseases of public health importance.

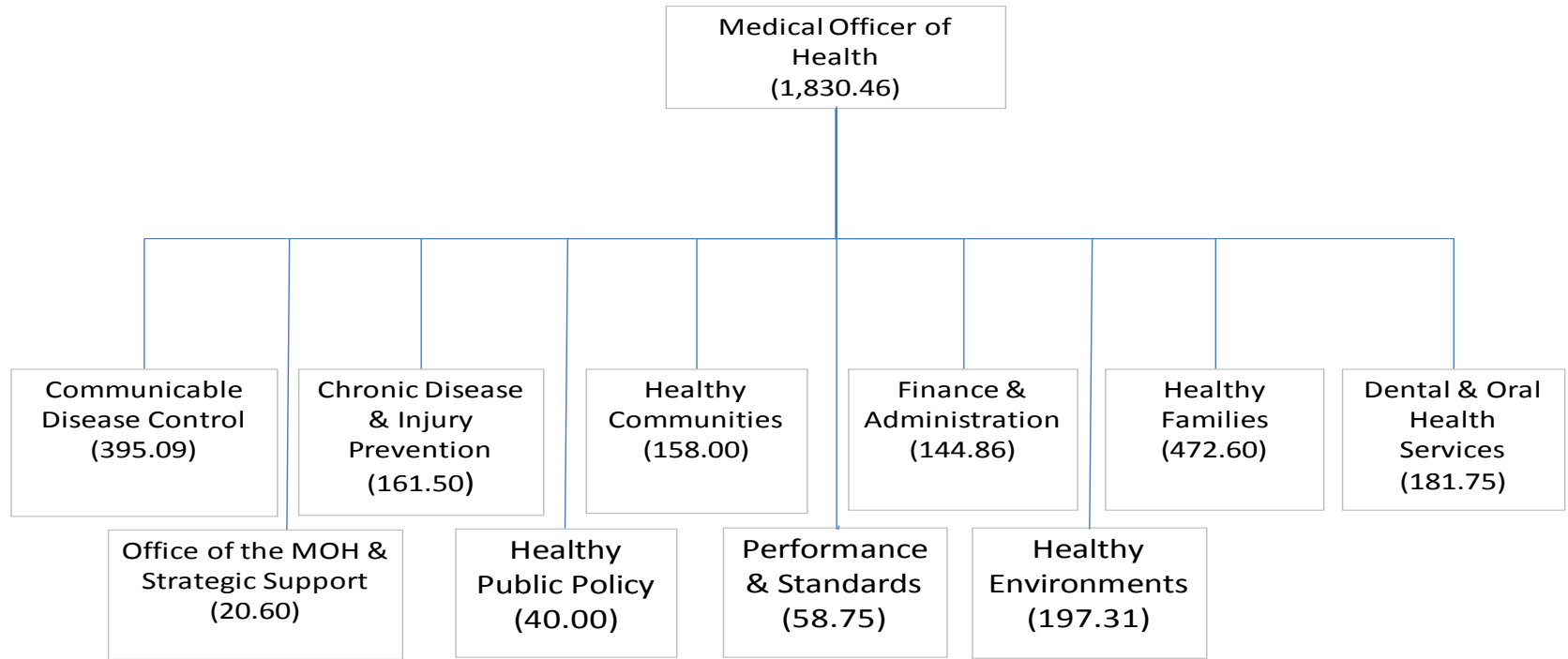
Purpose: To prevent and reduce the burden of illness from health hazards in the physical environment.

Purpose: To ensure a consistent and effective response to public health emergencies and emergencies with public health impacts.

Public Health Funding Overview

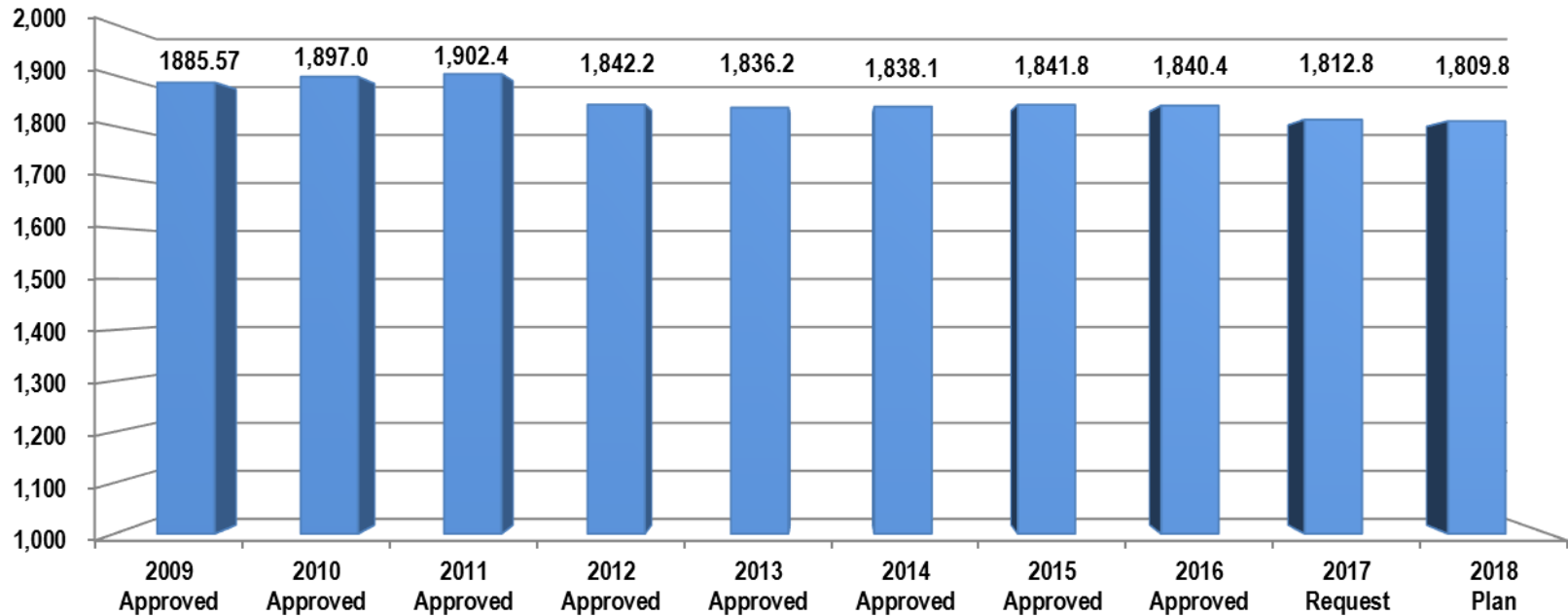
- 2016 Budget - \$244.1M
- Cost shared mandatory programs and services (most programs)
 - 71% of total budget
 - 75% Provincial: \$127.6M 25% City: \$43.1M
- 100% City Funded (\$16.8M)
 - 7% of total budget
 - Low income dental
 - Student nutrition program
- 100% Provincial Funded (\$48.5M)
 - 20% of total budget
 - Early Childhood programs (Ministry of Children and Youth Services)
 - Healthy Smiles Ontario (Ministry of Health and Long-Term Care)
 - Tobacco Control/Enforcement (Ministry of Health and Long-Term Care)
 - CDLU & AIDS & Sexual Health Info Line

2017 Organizational Chart for TPH



Category	Senior Management	Management	Exempt Professional & Clerical	Union	Total
Permanent Pos	1.0	241.8	2.0	1547.7	1792.5
Temporary Pos	0.0	2.5	0.0	35.5	38.0
Total	1.0	244.3	2.0	1583.2	1830.5

Staffing Trend (Excludes Capital Positions)



Key Points:

- In 2017, there is a net reduction of -24.0 FTE from efficiency reduction options.
- BOH Recommended position changes include 13.5 FTE's for Immunization and Food Safety Inspections.
 - These are not included in the 2017 Preliminary Operating Budget

Vacancy Analysis

Agency	2014			2015			2016 Year-End Projections			
	# of Vacancies	Vacancies % of Total Approved Pos.	Approved Pos. Equivalent	# of Vacancies	Vacancies % of Total Approved Pos.	Approved Pos. Equivalent	# of Vacancies as at Sep 30	# of Vacancies Projections to Dec 31	Vacancies % of Total Approved Pos.	Approved Pos. Equivalent
Operating	111.6	6.1%	1,838.1	99.7	5.4%	1,841.8	131.3	124.9	6.8%	1,840.93
Capital	10.0	25.6%	38.9	6.3	18.6%	33.5	3.1	1.1	4.8%	23.65
Total	121.6	6.5%	1,877.0	105.9	5.6%	1,875.3	134.4	126.0	6.8%	1,864.58

Vacancy Drivers:

- Vacancies were purposely held in latter part of 2015 to achieve 5.1% gapping target.
- Delays in processing organization complement changes.

Hiring Strategies:

- Ongoing monitoring and analysis of vacancy status and achievement of gapping target.
- PHN open house was held in September followed by a posting to pre-qualify and create a pool of PHNs for future hiring.



Service Performance



Operating Budget Variance as of Sep. 30, 2016

City Program/Agency	Quarter	Year to Date							Year-End Projection						
		Gross Expenditures		Revenue		Net Variance		Alert	Gross Expenditures		Revenue		Net Variance		Alert
		\$M	trend	\$M	trend	\$M	trend		\$M	trend	\$M	trend	\$M	trend	
Toronto Public Health	3-Month	(1.2)	▼	(1.1)	▼	(0.1)	▼	Ⓞ	(2.4)	▼	(2.2)	▼	(0.3)	▼	Ⓞ
	6-Month	(4.1)	▼	(3.8)	▼	(0.3)	▼	Ⓞ	(9.2)	▼	(8.6)	▼	(0.6)	▼	Ⓞ
	9-Month	(6.4)	▼	(5.7)	▼	(0.7)	▼	Ⓞ	(7.4)	▼	(6.5)	▼	(0.9)	▼	Ⓞ

Key Points:

- Under-spending is primarily in salaries and benefits.
- 134.4 positions below approved complement which is equivalent to a 2.1% vacancy rate after gapping.
- At year-end, TPH expects to have 126.0 positions below approved complement which is equivalent to 1.7% vacancy rate after gapping.

2016 Key Service Accomplishments

Service	Key Accomplishments
Infectious Diseases	<ul style="list-style-type: none"> • Responded to approximately 40,500 cases and contacts of reportable/communicable diseases(e.g. Meningitis, TB, Salmonella) • Responded to 350 outbreaks of communicable diseases in the community and institutional facilities • Investigated & followed up on over 16,000 confirmed cases of chlamydia, gonorrhea, syphilis and HIV • Delivered 1,350 immunization clinics; provided 88,000 doses of vaccines
Environmental Health	<ul style="list-style-type: none"> • Conducted approx. 27,026 food premise inspections. Inspected 90% (9,938) of High Risk food premises (3x per year), 91% (14,363) medium risk (2x per year), and 60% (2,725) low risk food premises (1x per year), as per the provincial Food Safety Protocol • Inspected 1,748 recreational facilities by completing 4,550 inspections (inspected 3,809 (86%) indoor pools/spas (4 x year), 661 (69.9%) outdoor pools/spas (2 x year) and 80 (47.9%) non-regulated recreational water facilities (1 x year) • Conducted 369,191 catch basin treatments (over 3 rounds) with larvicide for West Nile Virus Prevention
Emergency Preparedness	<ul style="list-style-type: none"> • Designed & implemented a full-scale emergency exercise to test TPH’s Mass Immunization Clinic Plan

2016 Key Service Accomplishments

Service	Key Accomplishments
Chronic Diseases & Injury Prevention	<ul style="list-style-type: none"> • Provided Chronic Disease & Injury Prevention services to 207 priority elementary schools (e.g. nutrition, physical activity promotion, tobacco prevention, road safety) • Achieved 98% compliance rate of tobacco vendors through Tobacco Enforcement as per the Smoke Free Ontario Act
Family Health	<ul style="list-style-type: none"> • Provided dental care to 18,760 children 17 yrs & younger from low income families and treated 11,050 seniors (65+) in the City’s dental program • Delivered 130,000 individual interventions to children and families to improve child development outcomes and increase parenting capacity to sustain and optimize child health and development
Public Health Foundations	<ul style="list-style-type: none"> • TPH in partnership with Toronto Central LHIN supported the development of the Toronto Indigenous Health Strategy

Key Service Issues & Priority Actions for 2017

Core Public Health Requirements Not Met

New Funding Recommended by Board of Health:

Not meeting existing and new legislated requirements of the Immunization of School Pupils Act (ISPA)

- Assess the immunization records of all students in both publicly funded and private schools by the 2018/19 school year

High risk sexual and substance misuse behaviours among vulnerable youth in underserved areas of the city

- Implement year 3 of 5 year enhancement plan of Toronto Urban Health Fund

Not meeting existing and new provincially prescribed service levels in Health Hazard and Food Safety programs

- Increase food and safe water inspections to achieve provincially prescribed service levels

Emerging Issue:

Increasing opioid use and overdose

- Develop an Overdose Prevention Action Plan for Toronto

Business Modernization & Transformation Initiatives

- TB Nurses will use Wireless Surface Pros to promote more timely information and improved continuity of care for TB clients on Directly Observed Therapy
- Vaccine Preventable Diseases nurses will use wireless technology to conduct cold-chain inspections in physician offices
- Public Health Inspectors will roll out wireless technology to enter Food and Water Safety results and for Personal Services Settings (PSS) inspections (e.g. tattoo parlour, body piercings) to provide real-time access to inspection results and faster posting to our Dine Safe, Swim Safe and BodySafe Inspection disclosure websites



2017 – 2019 Preliminary Operating Budget & Plan



2017 Preliminary Operating Budget

Key Points:

- Base pressures include salaries and COLA increases for \$1.1 million (1.9%)
- Efficiency reduction options will not affect service levels
- Preliminary budget is 0.4% below the 2016 Net Operating Budget
- 2017 Preliminary Operating Budget does not include the New & Enhanced services recommended by the Board of Health
- 2017 Preliminary Operating Budget and BOH Recommended budget have the same base budget and reduction options
- BOH recommended New & Enhanced proposals are required to meet key service issues and OPHS standards

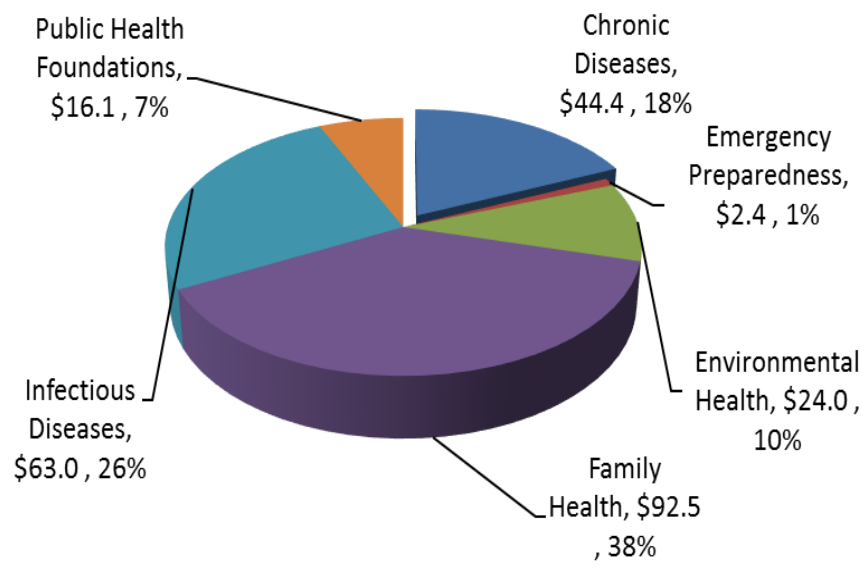
BOH Recommended New and Enhanced

New / Enhanced Service Description (\$000s)	2017 Impact				Net Incremental Impact			
	Gross	Revenue	Net	Positions	2018 Plan		2019 Plan	
					Net	Positions	Net	Positions
<i>Not Included</i>								
Referred to the Budget Process								
Toronto Urban Health Fund (TUHF) - Year 3	150.0	112.5	37.5					
ISPA (Immunization of School Pupils Act)	600.0	450.0	150.0	11.0	150.0	4.0	30.7	
Health Hazard and Food Safety Inspections	165.8	124.4	41.5	2.5	63.9			
Total New/Enhanced Services (Not Included)	915.8	686.9	229.0	13.5	213.9	4.0	30.7	0.0

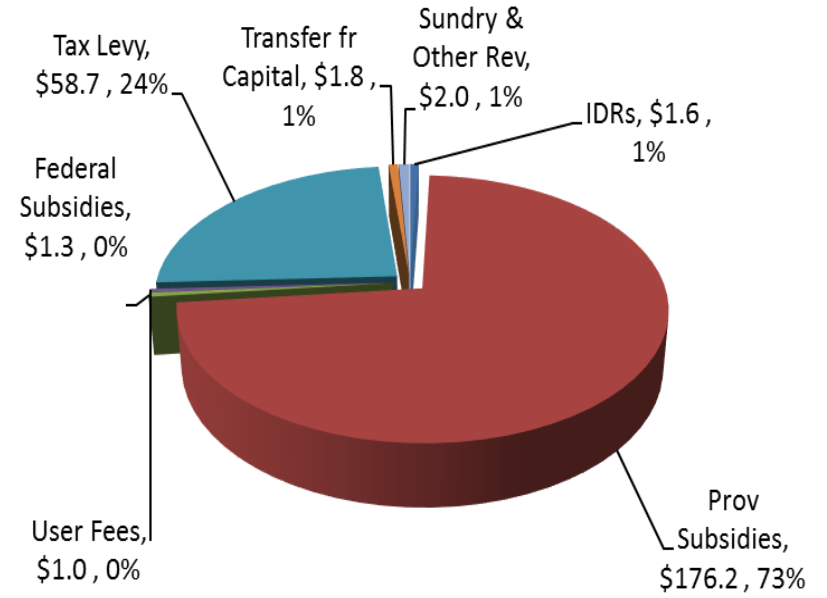
- The Inclusion of Immunization, TUHF and Food Safety Inspections results in 2017 Operating Budget Request to be 0.02% lower than the 2016 net approved budget

2017 Preliminary Operating Budget - Gross Expenditures by Program & Funding Source

Where the Money Goes
\$242.5 Million



Where the Money Comes From
\$242.5 Million



2017 Preliminary Operating Budget Summary

(In \$000s)	2016		2017 Preliminary Operating Budget			2017 Preliminary vs. 2016 Budget Change		Incremental Change			
	Budget	Projected Actual	Base	New/ Enhanced	Total Budget			2018 Plan		2019 Plan	
By Service	\$	\$	\$	\$	\$	\$	%	\$	%	\$	%
Chronic Diseases & Injuries											
Gross Expenditures	38,745.2	37,927.7	44,441.8		44,441.8	5,696.7	14.7%	951.1	2.1%	1,030.6	2.3%
Revenue	27,615.8	26,842.7	32,111.1		32,111.1	4,495.3	16.3%	599.8	1.9%	698.8	2.1%
Net Expenditures	11,129.4	11,085.0	12,330.7		12,330.7	1,201.3	10.8%	351.3	2.8%	331.8	2.6%
Emergency Preparedness											
Gross Expenditures	3,132.3	2,370.5	2,359.0		2,359.0	(773.3)	(24.7%)	44.7	1.9%	61.5	2.6%
Revenue	2,352.8	1,789.5	1,781.4		1,781.4	(571.5)	(24.3%)	22.1	1.2%	50.2	2.8%
Net Expenditures	779.5	581.0	577.6		577.6	(201.9)	(25.9%)	22.6	3.9%	11.3	1.9%
Environmental Health											
Gross Expenditures	24,187.8	23,704.8	24,047.3		24,047.3	(140.4)	(0.6%)	566.2	2.4%	591.6	2.4%
Revenue	18,662.0	17,895.1	18,530.9		18,530.9	(131.0)	(0.7%)	376.3	2.0%	534.6	2.8%
Net Expenditures	5,525.8	5,809.7	5,516.4		5,516.4	(9.4)	(0.2%)	189.9	3.4%	56.9	1.0%
Family Health											
Gross Expenditures	87,395.6	85,337.2	92,487.0		92,487.0	5,091.3	5.8%	1,972.2	2.1%	1,901.2	2.0%
Revenue	71,141.1	69,791.0	72,358.8		72,358.8	1,217.6	1.7%	1,316.6	1.8%	1,278.3	1.7%
Net Expenditures	16,254.5	15,546.2	20,128.2		20,128.2	3,873.7	23.8%	655.6	3.3%	623.0	3.0%
Infectious Diseases											
Gross Expenditures	64,365.3	61,632.4	63,049.7		63,049.7	(1,315.5)	(2.0%)	1,162.9	1.8%	804.9	1.3%
Revenue	50,507.5	48,316.8	49,355.4		49,355.4	(1,152.1)	(2.3%)	816.9	1.7%	539.9	1.1%
Net Expenditures	13,857.7	13,315.6	13,694.3		13,694.3	(163.4)	(1.2%)	345.9	2.5%	264.9	1.9%
Public Health Foundations											
Gross Expenditures	26,252.4	26,075.3	16,132.9		16,132.9	(10,119.5)	(38.5%)	478.8	3.0%	477.1	2.9%
Revenue	14,876.5	14,316.1	9,698.3		9,698.3	(5,178.2)	(34.8%)	278.7	2.9%	255.5	2.6%
Net Expenditures	11,375.9	11,759.2	6,434.5		6,434.5	(4,941.4)	(43.4%)	200.0	3.1%	221.6	3.3%
Total											
Gross Expenditures	244,078.5	149,340.1	242,517.7		242,517.7	(1,560.8)	(0.6%)	5,175.8	2.1%	4,866.8	2.0%
Revenue	185,155.7	116,318.3	183,835.9		183,835.9	(1,319.8)	(0.7%)	3,410.3	1.9%	3,357.3	1.8%
Total Net Expenditures	58,922.8	33,021.8	58,681.8		58,681.8	(241.0)	(0.4%)	1,765.5	3.0%	1,509.5	2.5%
Approved Positions	1,864.6		1,830.5		1,830.5	(34.1)	(1.8%)	(1.7)	(0.1%)	(2.0)	(0.1%)

Base Changes

(In \$000s)	Total	
	\$	Position
Net Expenditure Changes (Net Impact of Gross Chgs)		
Prior Year Impacts		
Reversal of one-time 2016 COLA Allocation	(478.3)	
SNP Inflation funded from Reserve in 2016	108.9	
Salaries and Benefits		
COLA, Progression Pay, Step Increases and Realignment	1,113.1	(3.5)
Other Base Changes		
Various Inflationary Increases	156.3	
Other Adjustments (IDC/IDR, 100% Funded Programs)	1.0	(6.7)
Total Net Expenditure Changes (Net Impact of Gross Chgs)	901.0	(10.2)
Revenue Changes		
User Fee	1.4	
VPD UIIP Pharmacy Inspections to Cost Shared	(39.7)	
Dental Revenue Change due to Provincial Upload	625.8	
Total Revenue Changes	587.5	
Net Expenditure Changes	313.5	(10.2)

Actions to Achieve Budget Reduction Target

2017 Preliminary Service Change Summary

Description (\$000s)	Total Service Changes			Incremental Change			
	\$	\$	#	2018 Plan		2019 Plan	
	Gross	Net	Pos.	Net	Pos.	Net	Pos.
Base Changes:							
Base Expenditure Changes							
Line by Line Review	(73.0)	(18.2)					
Base Expenditure Change	(73.0)	(18.2)	0.0	0.0	0.0	0.0	0.0
Service Efficiencies							
311 Call Support Services	(218.9)	(54.7)		(18.2)			
Confidential Operational and Support Efficiencies 1 - 6	(1,922.0)	(480.5)	(24.0)	(62.7)			
Facilities and Fleet IDC's Reduction	(4.5)	(1.1)					
Sub-Total	(2,145.3)	(536.3)	(24.0)	(80.9)	0.0	0.0	0.0
Revenue Adjustments							
Price Change to Recover Full costs in Food Handler Certification	57.2	0.0		(1.1)		(1.3)	
Sub-Total	57.2	0.0	0.0	(1.1)	0.0	(1.3)	0.0
Total Changes	(2,161.1)	(554.5)	(24.0)	(82.0)	0.0	(1.3)	0.0

2017 User Fee Changes

- User Fee increases for Inflation: \$1.4 thousand net
- Food Handler Certification fee increase for full cost recovery: \$57.2 thousand

2018 & 2019 Plan

Description (\$000s)	2018 - Incremental Increase					2019 - Incremental Increase				
	Gross Expense	Revenue	Net Expense	% Change	Position	Gross Expense	Revenue	Net Expense	% Change	Position
Known Impacts:										
Prior Year Impact										
Reversal of One-Time PHAC Strategy	(19.5)	(19.5)								
Annualized Impact of 2017 Efficiency Savings	(323.9)	(241.9)	(82.1)	(0.1%)			1.3	(1.3)		
Salaries and Benefits Related to Capital Projects										
Salaries and Benefits Related to Capital Projects	442.3	442.3			(1.7)	(249.4)	(249.4)			(2.0)
Salaries and Benefits	4,922.3	3,475.7	1,446.6	2.5%		4,589.2	3,543.7	1,045.5	1.7%	
Other Base Changes (specify)										
Other Adjustments (IDC/IDR, 100% Funded Programs)	(276.8)	(311.0)	34.2			9.8	(4.0)	13.8		
Various Inflationary Increases	206.2	47.5	158.6	0.3%		208.9	48.1	160.9	0.3%	
Revenue (specify)										
User Fees		17.2	(17.2)				17.6	(17.6)		
Sub-Total	4,950.5	3,410.4	1,540.2	2.6%	(1.7)	4,558.5	3,357.3	1,201.3	2.0%	(2.0)

BOH Recommended vs 2017 Preliminary Operating Budget

Description (\$000s)	BOH Recommended			2017 Preliminary Operating Budget			Comments
	Position Change	Gross Exp.	Net Expense	Position Change	Gross Exp.	Net Expense	
	#	\$	\$	#	\$	\$	
2016 Approved Budget	1,872.1	243,207.7	58,622.4	1,872.1	243,207.7	58,622.4	
In Year Adjustments	(8.60)	1,633.4	300.4	(7.51)	870.8	300.4	
2016 Adjusted Approved Budget	1,863.49	244,841.1	58,922.8	1,864.58	244,078.5	58,922.8	
Base Changes:							
Base Expenditure Changes							
<i>Prior Year Impacts</i>		(2,062.0)	(373.4)		(2,589.5)	(373.4)	Additional in-year adjustments
<i>Changes to 100% Funded Programs due to announced funding</i>	(5.9)	(2,318.6)		(5.3)	(922.1)		Additional in-year adjustments
<i>Impact of Capital Changes</i>	(5.6)	(1,036.7)		(3.5)	(852.2)		IDCIS Capital Project received funding from the Province for a 2017 Incremental Impact of \$184.5K
<i>COLA, Progression Pay, Step Increase, Benefits, Gapping and Starting Salary Adjustment</i>		4,615.3	1,117.3		4,615.3	1,117.3	
<i>Economic Factors - Non Payroll</i>		17.0	4.2		17.0	4.2	
<i>IDC / IDR</i>	(1.9)	(1,233.6)	1.1	(1.4)	(762.5)	1.1	Reversal of in-year adjustments for IDC/IDR entries
<i>Other Base Changes</i>							
<i>Inflation Increases</i>		185.1	151.9		185.1	151.9	SNP, TUHF Sexual Health Clinics and Dental Street Youth Received funding from the federal government for PHAC Healthy Apartment Neighbourhoods for a 5 year project. It was approved in 2016 - HL 14.12
<i>Healthy Apartment Neighbourhoods</i>					918.6		
Base Revenue Changes							
<i>User Fees</i>			(1.4)			(1.4)	
<i>Dental Revenue due to Provincial upload</i>			(530.4)			(625.8)	\$0.095 million net swapped with line by line review reductions.
<i>VPD UIIP Pharmacy Inspections to Cost Shared</i>		(9.3)	39.7		(9.3)	39.7	
Base Savings							
Sub-Total	(13.4)	(1,842.7)	409.0	(10.2)	600.4	313.7	
2016 Preliminary Base Budget	1,850.1	242,998.4	59,331.8	1,854.4	244,679.0	59,236.5	
Service Changes:							
Service Efficiencies							
<i>Line by Line Review</i>		(447.5)	(113.6)		(73.0)	(18.2)	Swapped with Dental Revenue changes and additional savings.
<i>311 IDC - Value-Based Reduction</i>		(218.9)	(54.7)		(218.9)	(54.7)	Reduced 311 IDC total to effective date of April 2017 from January 2017. Offset is the line by line review.
<i>Confidential Operational and Support Efficiencies 1-6</i>	(24.0)	(1,922.0)	(480.6)	(24.0)	(1,922.0)	(480.6)	
<i>IDC Reductions for Fuel & Facilities</i>		(4.5)	(1.1)		(4.5)	(1.1)	
	(24.0)	(2,592.9)	(650.0)	(24.0)	(2,218.4)	(554.7)	
Revenue Adjustments							
<i>Price Change to Recover Full costs in FHC</i>		57.2			57.2		
2017 Preliminary Budget	1,826.1	240,462.7	58,681.8	1,830.4	242,517.8	58,681.8	
Change over 2016 Budget			-0.4%			-0.4%	
New/ Enhanced:							
Staff Initiated							
<i>Toronto Urban Health Fund - Year 3</i>		150.0	37.5				
<i>Immunization of School Pupils Act (ISPA)</i>	11.0	600.0	150.0				
<i>Health Hazard and Food Safety Inspections</i>	2.5	165.8	41.5				
Sub-Total	13.5	915.8	228.9				Not included in the 2017 Preliminary Budget. Available for Budget Committee's consideration.
BOH Recommended before SNP enhancements	1,839.6	241,378.5	58,910.7	1,830.4	242,517.8	58,681.8	
Change over 2016 Budget			-0.02%			-0.4%	

Enhancement 100% City Funded

Other New & Enhanced Services

	Approved Positions	Gross Expenditures	Revenues	Net
(\$000s)		\$	\$	\$
SNP Increase Financial Stability of Currently Funded Programs	0.00	1,145.3	0.00	1,145.3
SNP Increase - Expand to 49 New Schools	0.00	958.4	0.00	958.4
Total Student Nutrition Program	0.00	2,103.7	0.0	2,103.7

- Student Nutrition Program
 - Year 5 (of 6) City Council approved municipal funding plan
 - 4 FTEs are discretionary cost-shared



Capital Overview



Major Projects in the 2017 – 2026 Preliminary Capital Plan

	(\$000s)	2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan	2017 - 2026 Total
Legislated												
<i>Infectious Disease Control System</i>		334										334
Sub-Total		334	-	-	-	-	-	-	-	-	-	334
State of Good Repair (SOGR)												
<i>Inspection Management</i>					1,595	1,498	1,490	254				4,837
<i>Reporting Environment Enhancement</i>							267	349				616
<i>Early abilities Information System</i>										329	774	1,103
<i>Chemical Tracking Information system</i>			303	604								907
<i>Community Health Information System</i>		900	1,199	755								2,854
Sub-Total		900	1,502	1,359	1,595	1,498	1,757	603	-	329	774	10,317
Service Improvements												
<i>Datamart Data Warehouse - Phase 2</i>		815										815
<i>Datamart Data Warehouse - Phase 3</i>			911	700								1,611
<i>Multilingual Website</i>								270	268			538
<i>Electronic Medical Record</i>		418	1,306									1,724
<i>Public eLearning</i>							365	610	617			1,592
<i>Geographic Information Enablement</i>								190	265	286		741
<i>Socio-Demographic Data collection and Reporting</i>			348	721	779	811						2,659
<i>Common Geographical Interface</i>					700	300						1,000
<i>Mobile Enablement</i>						391	378	527	550	528		2,374
<i>Dental & Oral Health Information Systems Project</i>		84	166	154								404
<i>Correspondence and Communications Tracking System</i>				439	326							765
<i>Call Centre Revitalization</i>											452	452
<i>Public Notifications & Advisories</i>										557	474	1,031
<i>Expansion of Scarborough Dental Clinic</i>		965										965
Sub-Total		2,282	2,731	2,014	1,805	1,502						16,671
Total Expenditures by Category (excluding carry forward)		3,516	4,233	3,373	3,400	3,000	1,757	603	-	329	774	27,322

Key Capital Issues & Priority Actions for 2017

Family Health	<p>Issues: The Scarborough Dental Clinic is experiencing over-crowding resulting in health and safety concerns and inability to satisfy demand.</p>
	<p>Priority Actions: <i>Expansion of Scarborough Dental Clinic</i> (year 2 of 2 year project)</p> <ul style="list-style-type: none"> • To increase access to dental services for adults on social assistance (OW), adults with disabilities (ODSP), and Refugees (IFHP); and decrease wait times as a result of improved service delivery. • To be compliant with Accessibility for Ontarians with Disabilities Act (AODA) and address the health and safety concerns created from overcrowding.
Family Health	<p>Issues: Dental clinics use manual processes for booking patients.</p>
	<p>Priority Actions: <i>Dental and Oral Health Information System</i> (year 1 of 2 year project)</p> <ul style="list-style-type: none"> • To implement an integrated Oral Health Information System to provide access to meaningful, real time dental and oral health practice management information. • To improve the operational efficiency and effectiveness of providing Dental and Oral Health Services.
Family Health; and Chronic Diseases and Injuries	<p>Issues: System has reached its end of life due to obsolete technology and does not conform to current standards resulting in service degradations.</p>
	<p>Priority Actions: <i>Community Health Information System</i> (year 1 of 3 year project)</p> <ul style="list-style-type: none"> • Enhance the Toronto Community Health Information System (TCHIS) to improve system reliability, comply with legal requirements (including Accessibility for Ontarians with Disabilities Act (AODA) and Personal Health (PHIPA) legislation) and industry standards. • Improve workflows and reduce errors so that program staff can continue to efficiently deliver public health service to a growing public health client base.

Key Capital Issues & Priority Actions for 2017

Infectious Diseases	<p>Issues: Canada Health Infoway and the province is developing a pan-Canadian interoperable information system for the surveillance and management of infectious diseases and TPH assistance is required to ensure TPH requirements are satisfied.</p>
	<p>Priority Actions: <i>Infectious Disease Control Information System</i> (year 5 of 5 year project)</p> <ul style="list-style-type: none"> This provincially funded project will utilize TPH expertise to assist in the on-going development and implementation of the pan-Canadian Panorama System for infectious disease control.
Infectious Diseases	<p>Issues: System used by the Sexual Health Clinic program is obsolete and does not meet program requirements. The Needle Exchange program utilizes manual inefficient tools to manage and track service delivery and manage patient records.</p>
	<p>Priority Actions: The <i>Electronic Medical Records Phase 2</i> (year 1 of 2 year project)</p> <ul style="list-style-type: none"> Deliver a client information system to provide a comprehensive electronic record of patients' health-related information for people attending sexual health and needle exchange clinics. Create efficiencies in business processes and improved client care.
Public Health Foundations	<p>Issues: Service metrics and reporting with real time quality data are an increasing expectation. Difficulty obtaining quality client/patient information and management information for service and decision-making in a timely manner.</p>
	<p>Priority Actions: <i>Datamart Data Warehouse Phase 2</i> (year 3 of 3 year project)</p> <ul style="list-style-type: none"> Improve reporting, trend analysis and performance measurement to meet mandatory Ministry of Health and Long-Term Care reporting requirements.

Major Projects Completed in 2016

Service Area	Key Projects
Infectious Diseases	<p>Communicable Disease Control (CDC) Wireless Rollout. This project enabled staff in the Vaccine Preventable Disease (VPD), TB and Personal Service Settings (PSS) components of the Control of Infectious Disease /Infection Control (CID/IC) program to enter and access data directly from health information management systems while in the field. Wireless technology was used to improve Communicable Disease Control (CDC) business processes and service to clients.</p>
Family Health; and Chronic Diseases and Injuries	<p>HF/HL Point of Care project. The purpose of this project was to implement wireless devices which communicate securely with the Toronto Community Health Information System (TCHIS) and synchronize data between the mobile units and the TCHIS database. This project increased quality of care by providing professional staff access to materials, documents, health promotion literature and related policies and procedures on-site during a home visit; improved accuracy of documentation by reducing the time gap between client interaction and documentation of these interactions; improved compliance with documentation guidelines, standards and policies; and provided increased accountability with information contained within the customer record.</p>

Capital Budget Variance as of Sep. 30, 2016

Agencies (\$000s)		2016 Approved Cash Flow	2016 Expenditure			Trending	Alert (Benchmark 70% spending rate)
			YTD Spending	Year-End Projection	% at Year End		
TPH	Q3	4,246	2,995	4,140	93.6%	▼	Ⓒ

Ⓒ >70%

Ⓐ between 50% and 70%

Ⓡ < 50% or > 100%

Key Points:

- Projects are being implemented as scheduled. The projected under spending is attributable to the following projects:
 - The Healthy Environment Inspection System (Mobile) project; based on the review of sequencing of future rollouts it has been determined that some planned enhancements and the acquisition of required contracted developer resources will be deferred to 2017.
 - The Electronic Medical Record - Phase 1: as a result of unexpected project team vacancies some project activities will be deferred to 2017.

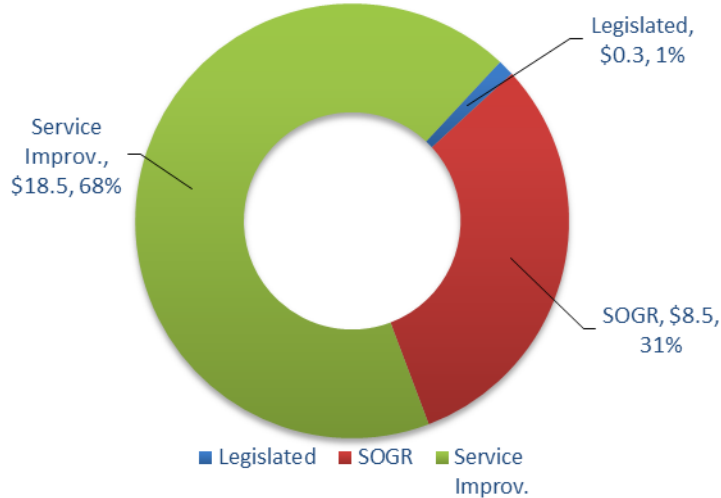


2017 – 2026 Preliminary Capital Budget & Plan

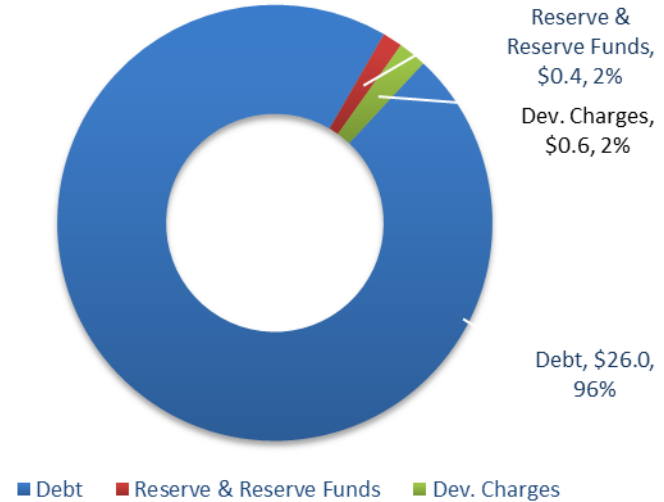


2017 – 2026 Preliminary Capital Budget & Plan Spending & Funding Sources

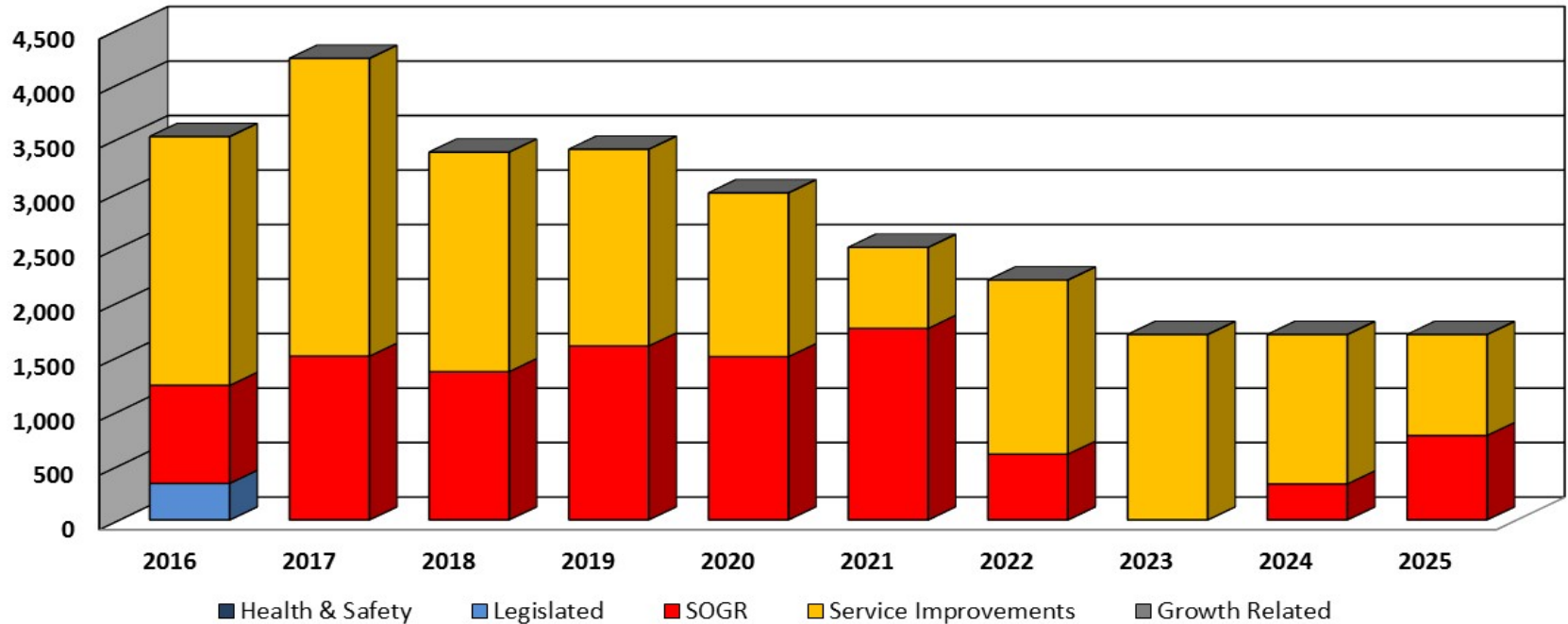
Where the Money Goes \$27.3 Million



Where the Money Comes From \$ 27.3 Million

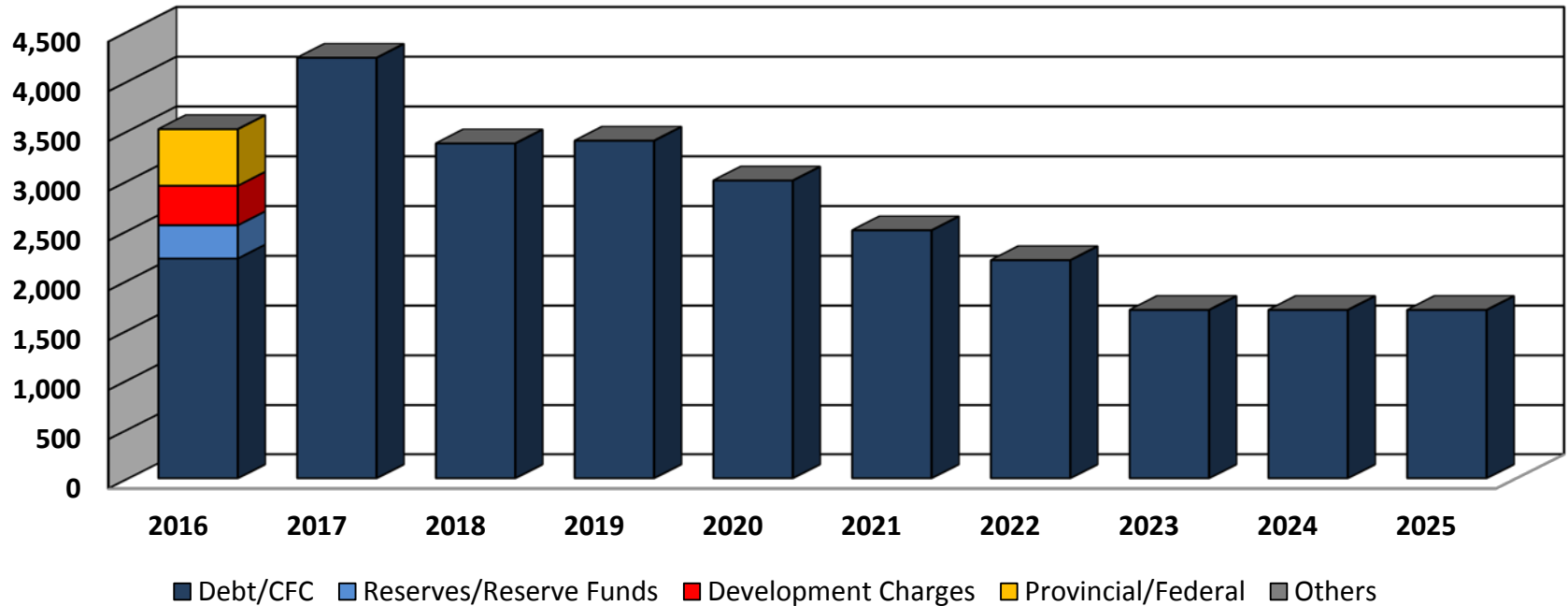


2017 – 2026 Preliminary Capital Budget & Plan by Project Category



	2017 - 2026 Preliminary Capital Budget and Plan by Category										
	(\$000s)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Health & Safety	-	-	-	-	-	-	-	-	-	-	-
Legislated	334	-	-	-	-	-	-	-	-	-	-
SOGR	900	1,502	1,359	1,595	1,498	1,757	603	-	329	774	
Service Improvements	2,282	2,731	2,014	1,805	1,502	743	1,597	1,700	1,371	926	
Growth Related	-	-	-	-	-	-	-	-	-	-	-

2017 – 2026 Preliminary Capital Budget and Plan by Funding Source



(\$000s)	2017 - 2026 Preliminary Capital Budget and Plan by Funding Source									
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Debt/CFC	2,217	4,233	3,373	3,400	3,000	2,500	2,200	1,700	1,700	1,700
Reserves/Reserve Funds	334	-	-	-	-	-	-	-	-	-
Development Charges	397	-	-	-	-	-	-	-	-	-
Provincial/Federal	568	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-

Unfunded Capital Projects

Project Description (\$000s)	Total Project Expenditure	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
<i>Community Collaboration Strategy</i>	255		255								
<i>Community Collaboration</i>	1,571		485	476	610						
<i>Venue and Agency Scheduling</i>	1,173		330	843							
<i>Collaboration</i>	1,150		345	805							
<i>Documents and Records System</i>	2,349										
Total		-	1,415	2,124	610	-	-	-	-	-	-

