TORONTO

City Budget
2013

Toronto Public Health
Capital Budget Analyst Notes

The City of Toronto's budget is presented by program and service, in Analyst Note format. The City's Capital Budget funds major infrastructure.

2013 - 2022 Capital Program

2013 CAPITAL BUDGET ANALYST BRIEFING NOTES

BUDGET COMMITTEE NOVEMBER 29, 2012

TABLE OF CONTENTS

Contacts: **Annalisa Mignardi**   **Ritu Sadana**

        Manager, Financial Planning   Senior Financial Planning Analyst

   Tel: (416) 395-1299   Tel: (416) 395-6499

PART I: RECOMMENDATIONS

The City Manager and Acting Chief Financial Officer recommend that:

1. City Council approve the 2013 Recommended Capital Budget for Toronto Public Health with a total project cost of $4.157 million, and 2013 cash flow of $6.291 million and future year commitments of $5.526 million comprised of the following:

    a) New Cash Flow Funding for:

        i)   one new and two change in scope sub-projects with a 2013 total project cost increase of $4.157 million that requires cash flow of $0.754 million in 2013 and a future year cash flow commitment of $1.514 million in 2014; and $1.889 million in 2015;

        ii) three previously approved sub-projects with a 2013 cash flow of $3.857 million; and a future year cash flow commitment of $1.523 million in 2014; and $0.600 million in 2015; and

    b) 2012 approved cash flow for three previously approved sub-projects with carry forward funding from 2012 into 2013 totaling $1.680 million.

2. City Council approve new debt service costs of $0.013 million in 2013 and incremental debt costs of $0.104 million in 2014, $0.189 million in 2015 and $0.194 million in 2016 resulting from the approval of the 2013 Recommended Capital Budget, to be included in the 2013 and future year operating budgets;

3. City Council approve the 2014-2022 Recommended Capital Plan for Toronto Public Health totaling $24.609 million in project estimates, comprised of $1.081 million in 2014; $1.112 million in 2015; $3.392 million in 2016; $3.388 million in 2017; $3.363 million in 2018; $3.373 million in 2019; $3.400 million in 2020; $3.000 million in 2021; and $2.500 million in 2022; and

4. City Council approve the decrease of 6.5 temporary capital positions from the 2012 capital funded temporary positions of 44.0, for a total of 37.5 positions required for the delivery of the 2013 capital projects/ sub-projects and that the duration for each temporary position not exceed the life and funding of its respective project / sub-project.

5. The Medical Officer of Health, in consultation with the Chief Information Officer, review, in time for the 2014 Budget process, TPH's Priority Directions to further identify opportunities to leverage corporate initiatives planned or underway to consolidate systems into larger cost effective solutions.

6. The Medical Officer of Health, in consultation with the Chief Information Officer, develop, in time for the 2014 Budget process, a review process to prioritize the replacement of obsolete applications and identify opportunities to leverage corporate initiatives and integrate or develop more cost effective solutions to maximize the use of limited financial resources.
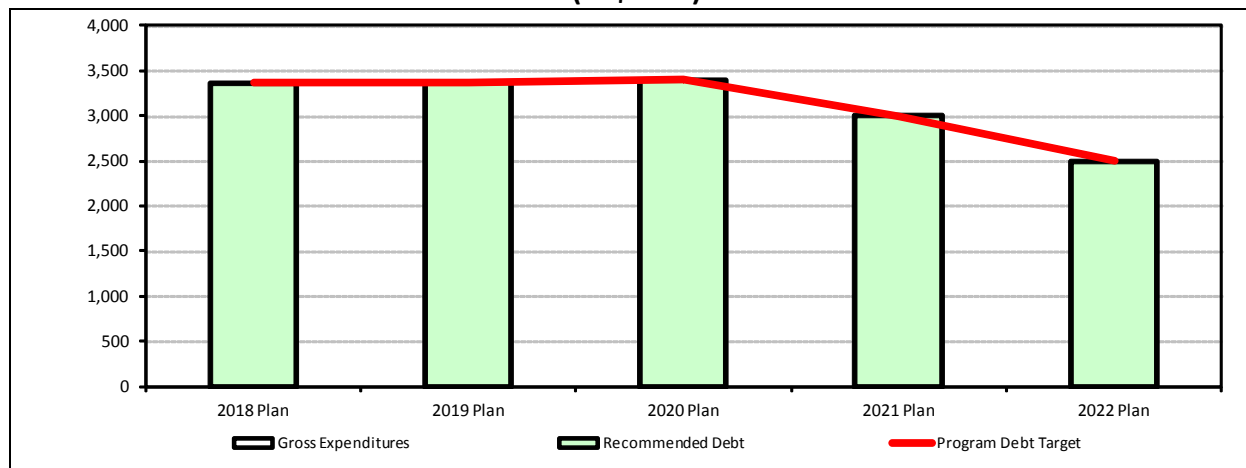
PART II: 2013 – 2022 CAPITAL PROGRAM

10-Year Capital Plan
2013 Recommended Budget, 2014 - 2017 Recommended Plan
(In $000s)
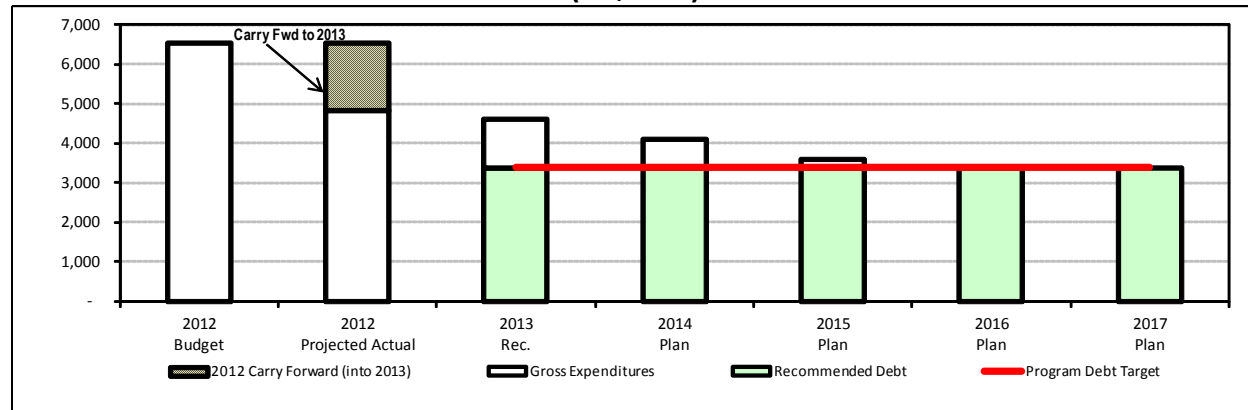
	2012		2013 Rec. Budget and 2014-2017 Plan						
	Budget	Projected Actual	2013	2014	2015	2016	2017	2013-2017	5-Year Total Percent
Gross Expenditures:									
2012 Capital Budget & Approved FY Commitments	6,532	4,852	3,857	1,523	600			5,980	31.3%
Recommended Changes to Approved FY Commitments								-	
2013 New/Change in Scope and Future Year Commitments			754	1,514	1,889			4,157	21.8%
2014- 2017 Capital Plan Estimates				1,081	1,112	3,392	3,388	8,973	47.0%
2-Year Carry Forward for Reapproval									
1-Year Carry Forward to 2013		1,680							
Total Gross Annual Expenditures & Plan	**6,532**	**4,852**	**4,611**	**4,118**	**3,601**	**3,392**	**3,388**	**19,110**	**100.0%**
Program Debt Target			**3,396**	**3,393**	**3,396**	**3,392**	**3,388**	16,965	
Financing:									
Recommended Debt			**3,396**	**3,393**	**3,396**	**3,392**	**3,388**	**16,965**	**88.8%**
Reserves/Reserve Funds									
Development Charges									
Provincial/Federal			1,215	725	205			2,145	11.2%
Debt Recoverable									
Other Revenue									
Total Financing			**4,611**	**4,118**	**3,601**	**3,392**	**3,388**	**19,110**	**100.0%**
By Project Category:									
Health & Safety									
Legislated			1,215	725	205			2,145	11.2%
SOGR						1,160	923	2,083	10.9%
Service Improvement			3,396	3,393	3,396	2,232	2,465	14,882	77.9%
Growth Related									
Total by Project Category			**4,611**	**4,118**	**3,601**	**3,392**	**3,388**	19,110	**100.0%**
Asset Value ($) at year-end									
Yearly SOGR Backlog Estimate (not addressed by current plan)									
Accumulated Backlog Estimate (end of year)									
Backlog: Percentage of Asset Value (%)									
Debt Service Costs			13	455	316	364	634	1,782	
Operating Impact on Program Costs									
New Positions									

10-Year Capital Plan
2018-2022 Recommended Plan
(In $000s)

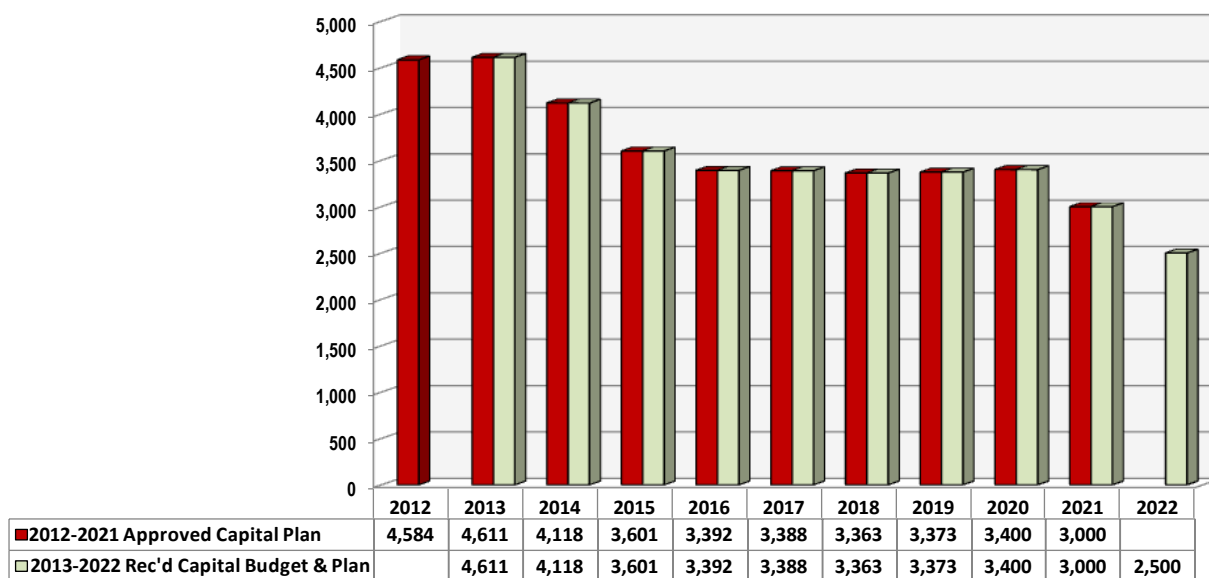|	2018	2019	2020	2021	2022	2013-2022	10-Year Total Percent
2018-2022 Capital Plan							
Gross Expenditures:							
2012 Capital Budget & Approved FY Commitments						5,980	17.2%
Recommended Changes to Approved FY Commitments						-	
2013 New/Change in Scope and Future Year Commitments						4,157	12.0%
2018 - 2022 Capital Plan Estimates	3,363	3,373	3,400	3,000	2,500	24,609	70.8%
Total Gross Annual Expenditures & Plan	**3,363**	**3,373**	**3,400**	**3,000**	**2,500**	**34,746**	**100.0%**
Program Debt Target	**3,363**	**3,373**	**3,400**	**3,000**	**2,500**	**32,601**	
Financing:							
Recommended Debt	3,363	3,373	3,400	3,000	2,500	32,601	93.8%
Reserves/Reserve Funds							
Development Charges							
Provincial/Federal						2,145	6.2%
Debt Recoverable							
Other Revenue							
Total Financing	**3,363**	**3,373**	**3,400**	**3,000**	**2,500**	**34,746**	**100.0%**
By Project Category:							
Health & Safety							
Legislated						2,145	6.2%
SOGR	1,091	1,180	1,221	1,007	1,756	8,338	24.0%
Service Improvement	2,272	2,193	2,179	1,993	744	24,263	69.8%
Growth Related							
Total by Project Category	**3,363**	**3,373**	**3,400**	**3,000**	**2,500**	**34,746**	**100.0%**
Asset Value($) at year-end							
Yearly SOGR Backlog Estimate (not addressed by current plan)							
Accumulated Backlog Estimate (end of year)							
Backlog: Percentage of Asset Value (%)							
Debt Service Costs	406	402	407	405	304	3,706	
Operating Impact on Program Costs							
New Positions							

10-Year Capital Plan Overview

- Toronto Public Health's (TPH) 2013-2022 Recommended Capital Plan has been established to ensure investments in information technology are made to support service delivery. TPH has five strategic priorities that focus on client service, operations, management decision making and compliance with Provincial mandatory requirements.

- The 10-Year Recommended Capital Plan addresses changes in legislation and leverages provincial resources, as well as other City of Toronto initiatives, to reduce development costs.

- TPH's strategic vision drives the following priorities:

    1) Meet Provincial Requirements for Data Collection and Information Management

       TPH must comply with Provincial standards regarding the collection and protection of public health information.

    2) Increase Capacity to Meet Provincial Standards within Current Funding Envelope

       TPH is committed to delivering services that meet community health needs an comply with the Ontario Public Health Standards while making wise use of human and financial capital. IT investments capitalize on any opportunities to automate work and increase the capacity of staff to meet required standards of service.

    3) Improve the Quality of Service and Effectiveness of Service Providers

       In support of TPH's commitment to excellence by ensuring continuous improvement in organizational performance, the capital program strives to provide staff with the tools they need to enhance performance and provide high quality service to clients.

    4) Improve Decision Making and Accountability

       Information technology has a key role to play in supporting TPH's objectives of service excellence and accountability to the Board of Health, the Government of Ontario, and to the people of Toronto through the use of evidence to support the design and delivery of programs, and the implementation of an organizational performance management framework.

    5) Increase Public Access to Information and Self Service Options

       Technology has an important role in meeting the public's demands for service 24/7 and the growing use of the internet to access information.

- The 2013–2022 Recommended Capital Plan totals $34.746 million of which $19.110 million or 55% is projected for the first 5 years, with the final 5 years requiring funding of $15.636 million or 45%.

- TPH's 10-Year Recommended Capital Plan of $34.746 million, is $32.601 or 94 % debt funded and 6% Provincially funded and comprises entirely of Information Technology (IT) projects which are either Legislated ($2.145 million or 6%), State of Good Repair ($8.338 million or 24%) or Service Improvement ($24.263 million or 70%) projects.

- The 10-Year Recommended Capital Plan requires new debt funding of $32.601 million which meets the debt affordability target in each of the 10 years.

- TPH has no facility SOGR backlog as all capital facility projects were transferred from TPH and consolidated within the Facilities Management and Real Estate Capital Budget in 2006 to ensure consistency in maintenance standards across City facilities. However, the 2013 Recommended Capital Budget and 2014-2022 Capital Plan includes funding of $8.338 million for a State of Good Repair Project starting in 2016 to enhance or replace various software systems/ applications.

- There will be no operating impact with the approval of TPH's 2013 – 2022 Capital Budget and Plan except for new debt service charges.

Key Changes to the 2012 - 2021 Approved Capital Plan

Changes to the 2012 -2021 Approved Capital Plan
(In $000s)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
■2012-2021 Approved Capital Plan	4,584	4,611	4,118	3,601	3,392	3,388	3,363	3,373	3,400	3,000	
□2013-2022 Rec'd Capital Budget & Plan		4,611	4,118	3,601	3,392	3,388	3,363	3,373	3,400	3,000	2,500

The changes to the 2012-2021 Approved Capital Plan result from the Program's review of projects to maximize resource utilization and leverage corporate solutions, taking into account business readiness to proceed, changing conditions and updated project costing, as well as, new Provincial funding made available in 2012.

The following highlights the key changes to the 10-year period:

- Reduced project costs of $8.157 million for five capital projects as outlined below :

  ➢ *HF/HL Systems Integration project ($0.266 million)*: The cash flow funding for the HF/HL Systems Integration project has been decreased by $0.266 million as a result of a review of resource requirements. The available resources for the HF/HL Systems

Integration project will be shared with HF/HL Point of Care to ensure effective and efficient use of human resources.

➢ *Web reBrand project ($0.437 million)*: The cash flow funding for the Web reBrand project has been decreased by $0.437 million due to a reduction in resource requirements as the implementation strategy for the migration of Web content was revised to accelerate development of the new site to ensure alignment with the corporate direction.

➢ *HF/HL Systems Point of Care project ($1.552 million):* The cash flow funding for the HF/HL Systems Point of Care project has been decreased by $1.552 million due to project costs revision and the elimination of the need to implement middleware software infrastructure. In addition, to maximize resource utilization, some resources will be shared with HF/HL Systems Integration project. The rollout of the HF/HL Systems Point of Care project has been accelerated due to technology and business readiness and the project is expected to be completed in less time (three years instead of four).

➢ Developing and leveraging corporate solutions for two projects has resulted in a reduction of project costs of $5.902 million.

  o *Internet and Intranet Strategy Implementation project ($1.828 million):* The project costs for the Internet and Intranet Strategy Implementation project have been reduced by $1.828 million due to a change in scope resulting from TPH's ability to leverage the City's Corporate Web Redesign Solution being implemented beginning in 2015; and,

  o *Documents and Records Management project ($4.074 million):* The project costs for the Documents and Records Management project have been reduced by $4.074 million. The Corporate EDMS solution has been selected and cost estimates have been revised based on the selected solution and decisions on further rollouts. In addition, this project has been deferred from 2014 to 2015.

▪ With capital funding made available from the above project's reduced costs, TPH reallocated the available cash flow funding to the following projects:

➢ *TPH Datamart Data Warehouse project ($3.022 million):* The project costs for the TPH Datamart Data Warehouse project have been increased by $3.022 million to $4.674 million. Based on the City of Toronto - Corporate Business Intelligence strategy and TPH Data Warehouse strategy and roadmap that were completed in 2012, the scope and cost estimate for each phase of TPH Datamart Data Warehouse project has been revised.

➢ *TPH's State of Good Repair project ($3.883 million):* The cash flow funding for the TPH's State of Good Repair project has been increased by $3.883 million to $8.338 million based on the revised cost estimates to reflect true cost of replacement, upgrading, purchasing or development of a replacement solution or decommission. A detailed review of over 40 applications requiring maintenance and SOGR funding has been undertaken to identify opportunities to leverage corporate initiatives planned or

underway in order to consolidate systems into larger cost effective solutions. As a result, TPH has identified 24 applications requiring SOGR funding as detailed in Part IV- Issues for Discussion.

➢ *CDC Wireless project ($1.038 million):* The cash flow funding for the CDC Wireless project has been increased by $1.038 million as a result of more up-to-date cost information for mobile devices. The project has been deferred to 2019 from 2017.

▪ TPH included a new capital project, Public Health Service Delivery Transformation and Enablement ($2.714 million) beginning in 2020 to implement solutions for the priority initiatives identified during the development of TPH IT Strategic Plan. The prospective IT solutions will incorporate innovation and transform client service delivery to support Provincial and City's strategic directions and standards.

▪ The following chart details the key project cash flow changes to the 2012 – 2021 Approved Capital Plan.

Summary of Project Changes
(In $000s)

Key Projects	Total Project Cost	2013	2014	2015	2016	2017	2018	2019	2020	2021	2013 - 2021	Revised Total Project Cost
Previously Approved												
Web reBrand Project	2,358	(23)	(353)	(61)							(437)	1,921
HF/HL Systems Integration	5,911	(266)									(266)	5,645
HF/HL Point of Care	6,412	289	(36)	(351)	(1,454)						(1,552)	4,860
TPH Datamart Data Warehouse	1,652		750	609	584	584	495				3,022	4,674
Document & Records Mgmt	6,869		(361)	(197)	349	(633)	(232)	(1,000)	(1,000)	(1,000)	(4,074)	2,795
TPH State of Good Repair	4,455				521	523	654	201	221	7	2,127	8,338
Internet& Intranet Strategy Implementation	4,375					(274)	(717)	(5)	(806)	(161)	(1,963)	2,547
CDC Wireless	400					(200)	(200)	804	634		1,038	1,438
Dental & Oral Health Info System	2,103											2,103
Total Previously Approved	34,535								(951)	(1,154)	(2,105)	34,321
New												
Public Health Service Delivery Transformation and Enablement									951	1,154	2,105	2,714
Total New									951	1,154	2,105	2,714
Total Changes	34,535											37,035

2013 – 2022 Recommended Capital Plan

(2013–2022 Capital Plan by Project Category)
(In $000s)
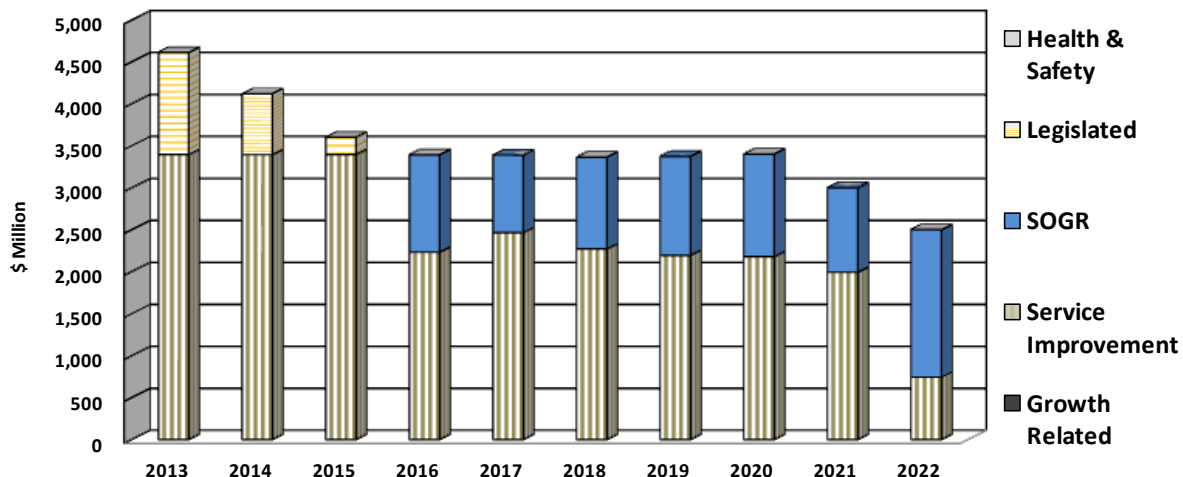
The 10-Year Recommended Capital Plan of $34.746 million is comprised entirely of Information Technology projects which supports TPH's strategic objective to invest in technology to improve efficiency and service delivery, meet the published guidelines of the Ontario Public Health Standards; and adhere to the guidelines set out by various Professional Standards organizations.

▪ The 10- Year Recommended Capital Plan includes one legislated project to develop and implement a province-wide Infectious Disease Control Information System (IDCIS) that requires $2.145 million and represents 6 % of the total recommended funding with a cash flow of $1.215 million in 2013; $0.725 million in 2014; and $0.205 million in 2015. This project is fully funded by the Ontario Ministry of Health and Long-Term Care (MOHLTC).

▪ TPH's State of Good Repair (SOGR) project comprising of 24% or $8.338 million of total recommended funding is for the replacement or enhancement of TPH's critical business systems which will reach their end of life due to technical obsolescence and inability to satisfy new legislation and business requirements commencing in 2016. Capital funding will be consistent over the 10-year period averaging $1.000 million per year with an increase to $1.756 million in 2022.

▪ Service Improvement projects represent 70% or $24.263 million of total project funding in the 10-Year Recommended Capital Plan

  ➢ Annual capital funding for these projects remains constant at $3.396 million from 2013-2015. Starting in 2016, the allocation of capital funding for TPH's State of Good Repair project will further reduce future allocation of capital funding for Service Improvement projects.

➢ In the first five years, funding of $14.882 million will enable TPH to complete three capital projects (the HF/HL Systems Integration, TPH Web reBrand and the Healthy Families/Healthy Living (HF/HL) Point of Care) and begin the TPH Datamart/Data Warehouse, the Document and Management Reporting and the Dental Health Information System projects.

➢ The balance of $9.381 million to be provided in the second five years, will fund the completion of 3 projects: Communicable Disease Control Wireless project, the Internet and Intranet Strategy Implementation project and the Public Health Service Delivery Transformation & Enablement project.

**2013–2022 Capital Plan by Funding Source
(In $000s)**
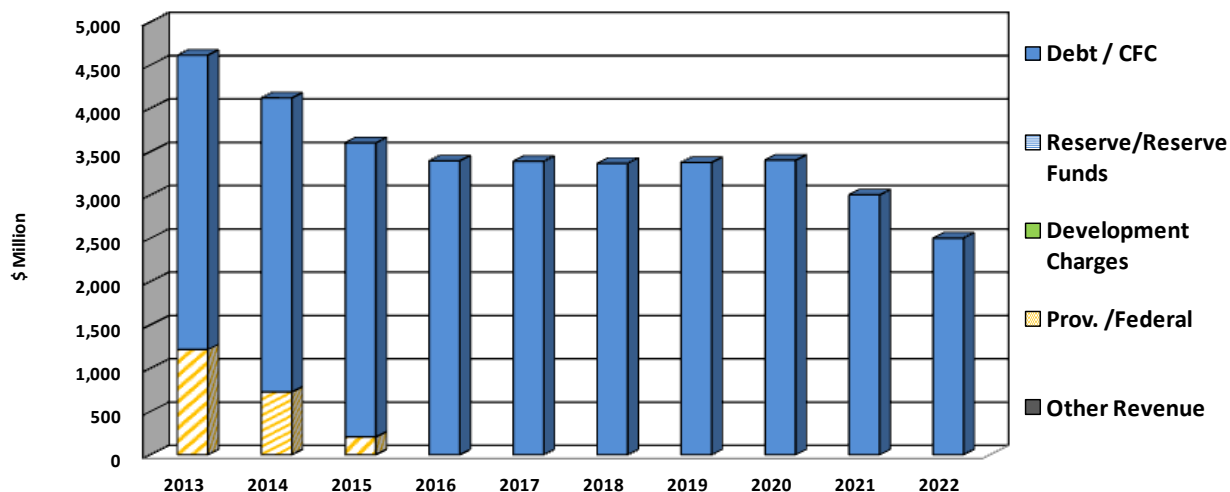
TPH's 10-Year Recommended Capital Plan of $34.756 million is 94 % or $32.601 million funded from debt and 6 % or $2.145 million funded from the Province and meets the debt affordability target for each year of the 10-Year Capital Budget and Plan period.

▪ Unlike other cost-shared Programs, the Province does not fund technology projects for Toronto Public Health services. In September 2011, the Ministry of Health and Long Term Care (MOHLTC) requested TPH to take a lead role in the province's preparations for the development and implementation of a province-wide 100% Provincially funded Infectious Disease Control Information System (IDCIS) project. The 2013 Recommended Capital Budget and 2014-2022 Recommended Capital Plan includes funding of $2.145 million for this project.

Major Capital Initiatives by Category

Summary of Major Capital Initiatives by Category
(In $000s)

	Total Project Cost	2013 Rec. Budget	2014 Plan	2015 Plan	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2013-2022 Total
Legislated												
Infectious Disease Control Information System	2,145	1,215	725	205								2,145
Sub-Total	2,145	1,215	725	205								2,145
State of Good Repair (SOGR)												
TPH State of Good Repair	8,338				1,160	923	1,091	1,180	1,221	1,007	1,756	8,338
Sub-Total	8,338				1,160	923	1,091	1,180	1,221	1,007	1,756	8,338
Service Improvements												
HF/HL Systems Integration	1,933	1,933										1,933
Web reBrand Project	1,199	420	445	334								1,199
HF/HL Point of Care	4,860	1,043	1,867	1,950								4,860
Datamart/Data Warehouse	4,674		1,081	941	913	914	825					4,674
Document & Records Mgmt	2,795			171	1,019	867	738					2,795
Dental & Oral Health Info System	2,103				300	684	709	410				2,103
CDC Wireless	1,438							804	634			1,438
Internet & Intranet Strategy Implementation	2,547							979	594	839	135	2,547
Public Health Service Delivery transformation & Enab	2,714								951	1,154	609	2,714
Sub-Total	24,263	3,396	3,393	3,396	2,232	2,465	2,272	2,193	2,179	1,993	744	24,263
Total	34,746	4,611	4,118	3,601	3,392	3,388	3,363	3,373	3,400	3,000	2,500	34,746

Major Capital Initiatives

The 10-Year Recommended Capital Plan of $34.746 million is comprised entirely of information technology projects. TPH's investment in information technology for service delivery improvements continues to be the Program's sole priority for capital funding.

Legislated Projects

- The Infectious Disease Control Information System with total funding of $2.145 million is a Legislated project that is being developed in conjunction with the Ministry of Health and Long Term Care (MOHLTC) to develop and implement a province-wide Infectious Disease Control Information System (IDCIS).

  ➢ Once fully implemented, IDCIS will offer improvements over the existing provincially-mandated systems: Integrated Public Health Information System (IPHIS) and Immunization Records Information System (IRIS). Implementing the project will also ensure that TPH is compliant with provincial legislation, including the *Immunization of School Pupils Act* and the *Health Protection and Promotion Act*. It will improve the exchange of information with physicians and other health care providers and provide more reliable information to support decision making.

State of Good Repair (SOGR)

  ➢ TPH's State of Good Repair project will provide funding of $8.338 million for enhancement or replacement of systems/applications that have reached their end of life due to technical obsolescence and inability to satisfy new legislation/business requirements. A detailed review of over 40 applications requiring maintenance and SOGR funding was undertaken to identify opportunities to leverage corporate initiatives planned or underway in order to consolidate systems into larger cost effective solutions. As a result, TPH has identified 24 applications requiring SOGR funding as detailed in Part IV-Issues for Discussion.

Service Improvements Projects

- TPH's nine service improvement projects have a total project cost of $24.263 million over 10 years to fund the development of new systems such as data warehousing and document and records management system for better planning, managing, monitoring of information, integration and replacement of multiple business systems, establishment of enhanced access channels such as wireless technology and web based systems. TPH's overall service objective is to improve efficiency and service delivery of various public health programs to meet the Provincially legislated reporting and information management requirements.

State of Good Repair (SOGR) Backlog

- TPH does not budget for major facility maintenance or rehabilitation in its capital budget. As part of the 2006 Capital Budget, the SOGR maintenance plan was transferred and consolidated within the Facilities Management and Real Estate Capital Budget to ensure consistency in maintenance standards applied throughout City facilities, thus capital repairs for city-owned facilities occupied by TPH are included in the FMRE Capital Budget and Plan.

10-Year Capital Plan: Operating Impact Summary

- The approval of TPH's 2013 – 2022 Capital Budget and Plan will have no operating impact except for new debt service charges.

Capital Project Delivery: Temporary Positions

Position Title	CAPTOR Project Number	# of Positions	Project Delivery		Salary and Benefits $ Amount				
			Start Date	End Date	2013	2014	2015	2016	2017 to 2022
HF/HL Systems Integration	TPH907757								
Systems Integrator 1		8.0	**January 1, 2013**	**December 31, 2013**	818.91				
Systems Integrator 2		3.0	**January 1, 2013**	**December 31, 2013**	275.71				
Senior Systems Integrator		1.0	**January 1, 2013**	**December 31, 2013**	123.84				
Health Promotion Consultant		1.0	**January 1, 2013**	**December 31, 2013**	102.36				
Public Health Nurse		2.5	**January 1, 2013**	**December 31, 2013**	228.84				
Project Manager TCHIS		0.5	**January 1, 2013**	**December 31, 2013**	66.25				
	Sub-total	**16.0**			1,615.91				
HF/HL Point of Care	TPH907777								
Application Technical Support Specialist 1		0.8	**April 1, 2013**	**December 31, 2013**	72.66	97.88			
Application Technical Support Specialist 2		0.8	**April 1, 2013**	**December 31, 2013**	68.93	185.55	280.94		
Systems Integrator 1		1.5	**January 1, 2013**	**December 31, 2013**	153.55	310.08	417.42		
Systems Integrator 2		1.0	**January 1, 2013**	**December 31, 2013**	91.90	278.32	187.29		
Systems Integrator 2		0.8	**April 1, 2013**	**December 31, 2013**	68.93	92.77	93.65		
Senior Systems Integrator		0.3	**October 1, 2013**	**December 31, 2013**	30.96	156.35	126.33		
Health Promotion Consultant		1.0	**January 1, 2013**	**December 31, 2013**	102.36	103.36	104.36		
Project Manager		0.5	**January 1, 2013**	**December 31, 2013**	66.25				
Public Health Nurse		1.0	**July 1, 2013**	**December 31, 2013**	91.90	278.32	280.94		
Support Assistant B		0.3	**January 1, 2013**	**December 31, 2013**	17.59	17.78	17.96		
I&T Div Wireless Impl Resource		0.75	**April 1, 2013**	**December 31, 2013**	72.97	96.59	97.11		
	Sub-total	**8.7**			838.00	1,617.00	1,606.00		
Web re:Brand Project	TPH907766								
Senior Systems Integrator PH		1.0	**January 1, 2013**	**December 31, 2013**	123.84	125.08	126.33		
Supervisor I&T PH		1.0	**January 1, 2013**	**December 31, 2013**	106.66				
Systems Integrator 1						206.72	104.36		
Systems Integrator 2		1.0	**January 1, 2013**	**December 31, 2013**	91.90	92.77	93.65		
Systems Integrator 2		0.8	**April 1, 2013**	**December 31, 2013**	68.93				
	Sub-total	**3.8**			391.33	424.57	324.34		
Infectious Disease Control Information System	TPH907843								
Senior Systems Integrator		1.0	**January 1, 2013**	**December 31, 2013**	137.66	137.66	35.25		
Systems Integrator 2		2.75	**January 1, 2013**	**December 31, 2013**	274.19	102.26	25.60		
Public Health Nurse		0.75	**January 1, 2013**	**December 31, 2013**	72.38	190.28	49.65		
Epidemiologist		0.50	**January 1, 2013**	**December 31, 2013**	53.69	84.16	28.10		
Support Assistant B		2.00	**January 1, 2013**	**December 31, 2013**	156.14	99.76	39.97		
Support Assistant A		1.00	**January 1, 2013**	**December 31, 2013**	85.52				
Consultant Health Promotion		1.00	**January 1, 2013**	**December 31, 2013**	100.01	102.26	25.61		
	Sub-total	**9.0**			879.58	716.39	204.18		
Total		**37.5**			**3,724.82**	**2,757.96**	**2,134.52**		

Approval of the 2013 Recommended Capital Budget will require 37.5 temporary positions to deliver the following capital projects:

- HF/HL Systems Integration project (2013, $1.933 million): The purpose of this project is to develop and integrate several different systems into the TCHIS framework including the Provincial Integrated Services for Children Information system (ISCIS).

- HF/HL Point of Care project (2013 to 2015, $4.860 million): This project will allow secure ePass enabled mobile and wireless connectivity with the TCHIS system and synchronize data between the mobile units and TCHIS database.

- Web reBrand project (2013-2015, $1.199 million): This project will redesign TPH website and implement content management software to automate the web posting process.

- Infectious Disease Control System project (2013-2015, $2.145 million): This project will implement a national public health system which will encompass an immunization

information system, a vaccine ordering and distribution system, health alerts and a case, contact, and outbreak management system for reportable diseases.

It is recommended that Council approve these 37.5 temporary capital positions for the delivery of new 2013 capital projects/ sub-projects and that the duration for each temporary position does not exceed the life of the funding of its respective capital projects/ sub-projects.

PART III - 2013 RECOMMENDED CAPITAL BUDGET

2013 Capital Budget by Project Category and Funding Source
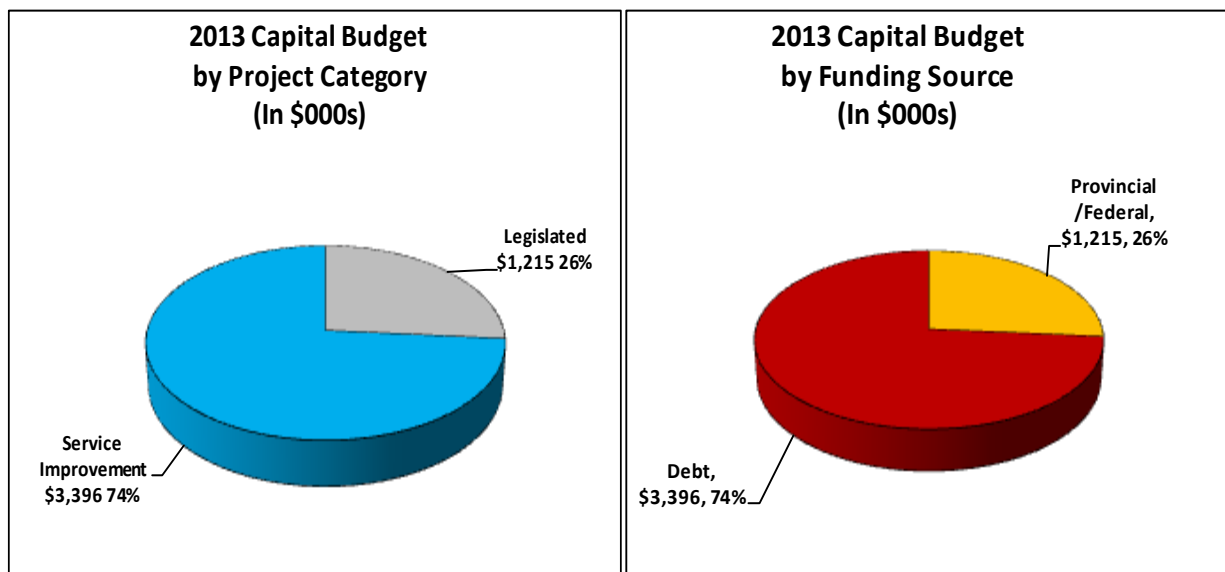
The 2013 Recommended Capital Budget requires 2013 cash flow funding of $4.611 million.

- The Legislated project, Infectious Disease Control Information System, accounts for 26% or $1.215 million of new cash flowing funding recommended for 2013. The 2013 cash flow will fund Phase I of the new Provincial Infectious Disease Control System project.

- Service Improvement projects total $3.396 million and represent 74% of the 2013 Recommended Capital Budget's funding to advance TPH's strategic direction to invest in technology to improve efficiency and service delivery. These projects include the completion of Healthy Families/Healthy Living (HF/HL) Systems Integration ($1.933 million), accelerated Healthy Families/Healthy Living (HF/HL) Point of Care System project ($1.043 million), and Web reBrand ($0.420 million).

- The 2013 Capital Budget for Toronto Public Health is funded primarily from debt, which accounts for 74% or $3.396 million of 2013 financing. This meets the debt affordability guideline of $3.396 million set for TPH for 2013.

- Provincial funding of $1.215 million representing 26% of the 2013 Capital Budget funding sources will finance the Legislated project, Infectious Disease Control Information System.

2013 Recommended Cash Flow & Future Year Commitments
(In $000s)

	2011 & Prior Year Carry Forward	2012 Previously Approved Cash Flow Commitments	2013 New Cash Flow Rec'd	2013 Total Cash Flow Rec'd	2012 Carry Forwards	Total 2013 Cash Flow (Incl 2012 C/Fwd)	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total Cost
Expenditures																
Previously Approved		3,857		3,857	1,680	5,537	1,523	600								7,660
Change in Scope			(289)	(289)		(289)	(353)	(61)								(703)
New			1,043	1,043		1,043	1,867	1,950								4,860
New w/Future Year																
Total Expenditure		3,857	754	4,611	1,680	6,291	3,037	2,489								11,817
Financing																
Debt		2,642	754	3,396	1,680	5,076	2,312	2,284								9,672
Other																
Reserves/Res Funds																
Development Charges																
Provincial/Federal		1,215		1,215		1,215	725	205								2,145
Total Financing		3,857	754	4,611	1,680	6,291	3,037	2,489								11,817

Please refer to Appendix 3 for detailed project listings.

Toronto Public Health's 2013 Recommended Capital Budget of $6.291 million provides funding for three previously approved projects totaling $3.857 million, $1.043 million for one new project, a reduction of $0.289 million for two change in scope projects, and $1.680 million in funding carried forward from 2012 to 2013 to complete three previously approved projects.

- The previously approved projects require $3.857 million for projects currently underway: HF/HL Systems Integration, Infectious Disease Control System and the Web reBrand project, along with the carry forward funding of $1.680 million which will complete these projects by the end of 2013.

- The new project with cash flow funding of $1.043 million in 2013 includes:

  - Healthy Families/Healthy Living (HF/HL) Point of Care System project will allow secure ePass enabled mobile and wireless connectivity with the TCHIS system and synchronize data between the mobile units and the TCHIS database.

- The change in scope of $0.289 million in 2013 with corresponding future reductions in commitments totaling $0.414 million from 2014 to 2015, reflect the project cost reduction for the HF/HL Systems Integration project ($0.266 million) and the project cost reduction for the Web reBrand project ($0.437 million).

- Approval of the 2013 Recommended Capital Budget will result in Council's commitment to fund future cash flow funding of $3.037 million in 2014; and $2.489 million in 2015.

2013 Recommended Capital Project Highlights

The 2013 Recommended Capital Budget provides funding of $6.291 million to:

- Complete the following:

  ➢ the *Healthy Environment Inspection System* project ($0.683 million) that will enhance the Toronto Healthy Environments Information System (THEIS) used by the Healthy Environments (HE) program since 2001;

  ➢ the *TPH Datamart Data Warehouse* project Phase I ($0.474 million) which includes the development of the implementation strategy and roadmap for TPH's Health Environments, Healthy Families and Healthy Living which will guide future capital project funding of $4.674 million; and,

  ➢ HF/HL Systems Integration project ($2.456 million) that will develop and integrate several different systems into the Toronto Community Health Information System (TCHIS) framework including the provincial Integrated Services for Children Information System (ISCIS).

- Continue the implementation of the following projects expected to be completed in 2015:

  ➢ the Web ReBrand project ($0.420 million) that will redesign the TPH website and implement content management software to automate the web posting process in order to improve the accuracy, relevance and timeliness of web content; and,

  ➢ the Infectious Disease Control System ($1.215 million) project that will implement a new national public health system which will encompass an immunization information system, a vaccine ordering and distribution system, health alerts and a case, contact, and outbreak management system for reportable diseases.

- Begin the Healthy Families/Healthy Living (HF/HL) Point of Care System project ($1.043 million scheduled to complete in 2015, to implement wireless devices which will securely communicate with the TCHIS system and synchronize data between the mobile units and TCHIS database.

2013 Recommended Capital Project Highlights
(In $000s)

Project	Total Project Cost	2013	2014	2015	2016	2017	2013 - 2017	2018	2019	2020	2021	2022	2013 - 2022 Total
HF/HL Systems Integration	5,645	2,456					2,456						2,456
Infectious Disease Control Information System	2,391	1,215	725	205			2,145						2,145
Web reBrand Project	1,921	420	445	334			1,199						1,199
HF/HL Point of Care	4,860	1,043	1,867	1,950			4,860						4,860
Healthy Environment Inspection System	3,390	683					683						683
TPH Datamart Data Warehouse Phase I	1,024	474					474						474
Total (including carry forward funding)	**19,231**	**6,291**	**3,037**	**2,489**			**11,817**						**11,817**

PART IV: ISSUES FOR DISCUSSION

2013 Issues

Future Year Issues

TPH Investment in IT Projects

TPH 2013 Recommended Capital Budget and 10-Year Capital Plan of $34.746 million is entirely comprised of information technology projects. As such, TPH's investment in information technology for service delivery improvements continues to be TPH's capital funding priority.

For the period (2002-2011), a total of $27.937 million has been invested in technology systems to support Toronto Public Health's service delivery with 65.8% or $18.377 million funded from debt, 7.8 % or $2.190 million from Provincial Subsidy, 25.3% or $7.065 million from Recoverable Debt and 1.1% or $0.305 million from Reserves.

The TPH 10-Year Recommended Capital Plan includes projects such as TPH Datamart/Data Warehouse (2014-2018, $4.674 million), Documents and Record Management (2015-2018, $2.795 million), Internet & Intranet Strategy Implementation (2019-2022, $2.547 million), Communicable Disease Control Rollout (2019-2020, $1.438 million), and Public Health Service Delivery and Enablement (2020-2022, $2.714 million) which deliver on and support TPH's five strategic IT priorities as below:

- Meet Provincial requirements for data collection and Information Management;

- Increase Capacity to Meet Provincial Standards within current funding envelope;

- Improve quality of service and effectiveness of Service Providers;

- Improve decision making and accountability; and,

- Increase public access to information and Self Service Options

The eleven IT projects included in TPH's 10-Year Recommended Capital Plan are integral to the achievement of the TPH Priority Directions and Actions contained in TPH 2010-2014 Strategic Plan.

Currently Corporate I&T Division has a number of corporate initiatives and projects planned or underway which should be further explored to determine / identify more cost effective solutions to maximize the use of City's limited financial sources. It is therefore recommended that the Medical Officer of Health, in consultation with the Chief Information Officer, review, in time for the 2014 Budget process, TPH's Priority Directions to further identify opportunities to leverage corporate initiatives planned or underway to consolidate systems into larger cost effective solutions.

TPH State of Good Repair Project

TPH 2013 Recommended Capital Budget and 2014-2022 Capital Plan includes funding for a State of Good Repair Project of $8.338 million starting in 2016 to enhance or replace 24 software systems/applications that will reach their end of life due to their technical obsolescence; inability to satisfy new security standards/legislation, to protect personal and personal health information; or to support new business requirements. The goal of this project is to ensure that critical business systems are sustained.

The TPH SOGR project represents 24% of the 10-Year Recommended Capital Plan's total planned expenditures of $34.746 million and is entirely funded by debt. TPH has over 60 individual public health applications that support its strategic IT priorities. The recommended funding of $8.338 million for the SOGR project will enable TPH to develop and implement a replacement strategy for 24 applications which will involve either an upgrade of an existing system, consolidation of systems, purchase or development of a replacement solution or decommission.

The following table provides details of the 24 system applications, the year of replacement and the estimated costs.

System Name	Year Implemented	Planned Replacement Year	Estimated Costs
Infection Control Information System	2005	2016, 2018	1,468
Sexual Health Clinic Information System	2008	2016, 2018	638
Provincial Management Reporting	2000	2016	275
One on One Mentoring Program	2007	2021, 2022	255
Eat Smart (Workplace, primary schools and secondary schools)	1999	2017, 2019	181
TCHIS Glossary Database	2004	2021, 2022	100
TCHIS Metadata Access Interim Database	2004	2021, 2022	100
Library Management System	1998	2016	290
Preschool Speech and Language Database	1998	2016, 2018	669
Policy Management Database	2003	2017	120
THC Registration	2004	2019	384
Pre-print Inspection Forms	2002	2017	57
THEIS QA Correction	2002	2017	57
THEIS Support Tracking System	2002	2017	66
ICIS Reporting Application	2002	2616. 2017	280
AIDS Prevention Community Investment Program Database	2000	2020	270
Drug Prevention Community Investment Program Database	2000	2020	270
PSL ISCIS	1995	2022	350
Integrated Services for Children Information System	2007	2022	350
Dine Safe (10 year review)	2012	2022	280
TPH Advisories: Beaches Water Quality Reporting and Maintenance (10 year review)	2011	2021	330
ChemTRAC Communication Management, Public Chemical Reporting, Registration	2011	2021	600
Mobile THEIS (Mobile PAL) (10 year review)	2012	2022	650
Food Handler Certification Program (10 year review)	2009	2019	300
Total			**8,338**

Given the ongoing funding requirements for repair and maintenance of existing applications, it is recommended that the Medical Officer of Health, in consultation with the Chief Information Officer, develop, in time for the 2014 Budget process, a review process to prioritize the replacement of obsolete applications and identify opportunities to leverage corporate

initiatives and integrate or develop more cost effective solutions to maximize the use of limited financial resources.

Issues Referred to the 2013 Capital Budget Process

Toronto Public Health 2013 – 2022 Capital Budget and Plan Request

- The Board of Health (BOH) at its meeting of October 22, 2012 considered HL 17.6 entitled "Toronto Public Health 2013-2022 Capital Budget and Plan Request" and recommended to the Budget Committee for its consideration during the 2013 budget process:

    1. City Council approve a 2013 Recommended Capital Budget for Toronto Public Health with a total project cost increase of $4.157 million and a 2013 cash flow of $4.958 million and future year commitments of $5.527 million. The 2013 Capital Budget is comprised of the following:

        a. new cash flow funding for:

            i. one new sub-project and two change in scope sub-projects with a 2013 total project cost increase of $4.157 million that requires an increase in cash flow of $0.754 million in 2013 and future year commitments of $1.514 million in 2014; and $1.889 million in 2015; and

            ii. three previously approved sub-projects with a 2013 cash flow of $3.857 million and future year commitments of $1.523 million in 2014, and $0.600 million in 2015.

        b. 2012 approved cash flow for one previously approved sub-project with carry forward funding from 2012 into 2013 totalling $0.347 million.

The 2013-2022 Recommended Capital Plan presented here is consistent with the Board of Health's recommendation except that the carry forward funding being recommended is higher by $1.333 million based on updated Third Quarter projections to year-end compared to the Board's submission for carry forward funding that was based on Second Quarter projections to year-end.

Appendix 1
2012 Performance

2012 Key Accomplishments

In 2012, TPH will complete the following projects:

- The *Health Emergency Information System* project will enhance Toronto Public Health's ability to respond effectively and efficiently to health emergencies through the implementation of a secure solution that facilitates the capture of staffing information coordinating and scheduling of staff based on skills.

- the "Environment Reporting and Disclosure" by-law (Municipal Code Chapter 423), *ChemTRAC (formerly known as Environmental Reporting, Disclosure and Innovation) project* that will enhance City web site systems and result in increased Public Access to Information & Self Service Option to facilitate: a) the reporting of 25 priority chemicals used and released from the targeted industries and facilities in the City of Toronto; and b) the identification of pollution prevention opportunities.

- *The Healthy Environment (HE) Reporting project* that will reduce the effort to create new reports for the Healthy Environments clients by creating a new reporting system to customize health hazard investigation reports and provides greater flexibility in accessing issue specific data in a timely manner to track activities and trends on various health issues.

- The *Public Health Surveillance and Management System* project contributed significantly to the system requirements and design of the 100% provincially funded Infectious Disease Control Information System (IDCIS) project which will assist in the on- going development and implementation of the pan-Canadian Panorama system for Infectious disease control and will include an immunization information system, a vaccine ordering and distribution system, health alerts, and a case, contact, and outbreak management system for reportable diseases to manage immunization records, assessments and suspensions; provide real time access to medical and health information; improve accountability for publicly funded vaccines; and integrate provider information with patient information.

- The purchase of a Mobile Dental Clinic, 100% provincially funded as part of the Healthy Smiles Ontario (HSO) dental program for children and youth in Toronto.

2012 Capital Variance Review

2012 Budget to Actual Comparison
(In $000s)

2012 Approved	Actuals as of Sept. 30, 2012 (3rd Quarter Variance)		Projected Actuals at Year End		Unspent Balance	
$	$	% Spent	$	% Spent	$ Unspent	% Unspent
6,532	3,312	50.7%	4,852	74.3%	1,680	25.7%

The capital expenditure for the period ending September 30, 2012 total $3.312 million or 50.7% of the 2012 Approved Capital Budget of $6.532 million.

The Program's year-end expenditures are expected to be $4.852 million or 74.3% of the 2012 approved cash flow. The projected year-end under-spending is largely attributable to the following projects:

- The *Healthy Environment Inspection System* project's capital expenditures totalled $0.601 million representing 39.4% of the 2012 approved cash flow of $1.525 million for the nine months ended September 30, 2012. Although the implementation of vendor modules is underway, additional testing to address system performance issues and system functionality has deferred the implementation of some software modules, hardware and associated training planned for 2012 to 2013. It is estimated that $0.842 million or 55.2 % of the approved 2012 cash flow will be spent by year-end resulting in carry forward of $0.683 million into 2013.

- *The HF/HL Systems Integration* project's capital expenditures totalled $1.063 million representing 46.2 % of the 2012 approved cash flow of $2.302 million for the nine months ended September 30, 2012. The project has been delayed and project deliverables planned for 2012 deferred due to delays in hiring as a result of difficulty in hiring qualified IT staff due to a competitive market. It is estimated that $1.779 million or 77.3% of the approved 2012 cash flow will be spent by year-end resulting in carry forward of $0.523 million into 2013.

- *The TPH Datamart Data Warehouse* project's capital expenditures totalled $0.337 million representing 32.9 % of the 2012 approved cash flow of $1.024 million for the nine months ended September 30, 2012. It is estimated that $0.550 million or 53.7% of the approved 2012 cash flow will be spent by year-end. The completion of some deliverables will be deferred to 2013 to align with updated implementation timeline for corporate Business Intelligence and TPH Datamart Data Warehouse strategies. This change necessitates the carry forward of $0.474 million into 2013.

Appendix 2
10-Year Recommended Capital Plan Project Summary
(In $000s)

Project	2013	2014	2015	2016	2017	2013 - 2017	2018	2019	2020	2021	2022	2013 - 2022
HF/HL Systems Integration	2,456					2,456						**2,456**
Infectious Disease Control Information System	1,215	725	205			2,145						**2,145**
Web reBrand Project	420	445	334			1,199						**1,199**
HF/HL Point of Care	1,043	1,867	1,950			4,860						**4,860**
Datamart/Data Warehouse	474	1,081	941	913	914	4,323	825					**5,148**
Document & Records Mgmt			171	1,019	867	2,057	738					**2,795**
Dental & Oral Health Info System				300	684	984	709	410				**2,103**
TPH State of Good Repair				1,160	923	2,083	1,091	1,180	1,221	1,007	1,756	**8,338**
CDC Wireless								804	634			**1,438**
Internet & Intranet Strategy Implementation								979	594	839	135	**2,547**
Public Health Service Delivery transformation & Enab									951	1,154	609	**2,714**
Healthy Environment Inspection System	683					683						**683**
Total (including carry forwards)	**6,291**	**4,118**	**3,601**	**3,392**	**3,388**	**20,107**	**3,363**	**3,373**	**3,400**	**3,000**	**2,500**	**36,426**

Appendix 3

**2013 Recommended Capital Budget;
2014 to 2022 Capital Plan**

Report 7C

CITY OF TORONTO

Gross Expenditures ($000's)
Appendix 3

Toronto Public Health

Sub-Priority	Project No. SubProj No.	Project Name / Sub-project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments								Current and Future Year Cash Flow Commitments Financed By											
						2013	2014	2015	2016	2017	Total 2013-2017	Total 2018-2022	Total 2013-2022	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt		Total Financing
TPH907757		HF/HL Systems Integration																						
1	1	HF/HL Systems Integration	CW	S2	04	2,722	0	0	0	0	2,722	0	2,722	0	0	0	0	0	0	523	0	2,199	0	2,722
1	3	HF/HL Systems Integration Decrease 2013	CW	S3	04	-266	0	0	0	0	-266	0	-266	0	0	0	0	0	0	0	0	-266	0	-266
		Sub-total				2,456	0	0	0	0	2,456	0	2,456	0	0	0	0	0	0	523	0	1,933	0	2,456
TPH907766		Web reBrand Project																						
1	1	Web reBrand Project 2012	CW	S2	04	443	798	395	0	0	1,636	0	1,636	0	0	0	0	0	0	0	0	1,636	0	1,636
1	2	Web reBrand Project Decrease in 2013	CW	S3	04	-23	-353	-61	0	0	-437	0	-437	0	0	0	0	0	0	0	0	-437	0	-437
		Sub-total				420	445	334	0	0	1,199	0	1,199	0	0	0	0	0	0	0	0	1,199	0	1,199
TPH907768		Healthy Environment Inspection System																						
1	1	HE Inspection System S2	CW	S2	04	683	0	0	0	0	683	0	683	0	0	0	0	0	0	683	0	0	0	683
		Sub-total				683	0	0	0	0	683	0	683	0	0	0	0	0	0	683	0	0	0	683
TPH907776		CDC Wireless Rollout																						
1	1	CDC Wireless Rollout	CW	S6	04	0	0	0	0	0	0	1,438	1,438	0	0	0	0	0	0	0	0	1,438	0	1,438
		Sub-total				0	0	0	0	0	0	1,438	1,438	0	0	0	0	0	0	0	0	1,438	0	1,438
TPH907777		HF/HL Point of Care																						
1	1	HF/HL Point of Care	CW	S4	04	1,043	1,867	1,950	0	0	4,860	0	4,860	0	0	0	0	0	0	0	0	4,860	0	4,860
		Sub-total				1,043	1,867	1,950	0	0	4,860	0	4,860	0	0	0	0	0	0	0	0	4,860	0	4,860
TPH907778		Dental & Oral Health Information Sys																						
1	1	Dental & Oral Health Information Sys	CW	S6	04	0	0	0	300	684	984	1,119	2,103	0	0	0	0	0	0	0	0	2,103	0	2,103
		Sub-total				0	0	0	300	684	984	1,119	2,103	0	0	0	0	0	0	0	0	2,103	0	2,103
TPH907782		Document and Records Management System																						
1	1	Document and Records Management System	CW	S6	04	0	0	171	1,019	867	2,057	738	2,795	0	0	0	0	0	0	0	0	2,795	0	2,795
		Sub-total				0	0	171	1,019	867	2,057	738	2,795	0	0	0	0	0	0	0	0	2,795	0	2,795
TPH907784		Public Health Systems State of Good Repair																						
1	1	Public Health Systems State of Good Repair	CW	S6	03	0	0	0	1,160	923	2,083	6,255	8,338	0	0	0	0	0	0	0	0	8,338	0	8,338
		Sub-total				0	0	0	1,160	923	2,083	6,255	8,338	0	0	0	0	0	0	0	0	8,338	0	8,338
TPH907789		TPH Datamart Data Warehouse																						

Report Phase 2 - Program 33 Toronto Public Health Program Phase 2   Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6   Part C Sub-Project Status S2,S3,S4

CITY OF TORONTO

Gross Expenditures ($000's)
Appendix 3

Toronto Public Health

						Current and Future Year Cash Flow Commitments								Current and Future Year Cash Flow Commitments Financed By										
Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	2013	2014	2015	2016	2017	Total 2013-2017	Total 2018-2022	Total 2013-2022	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt	Debt - Recoverable Debt	Total Financing
TPH907789		TPH Datamart Data Warehouse																						
1	1	TPH Datamart Data Warehouse	CW	S2	04	474	0	0	0	0	474	0	474	0	0	0	0	0	0	474	0	0	0	474
1	2	TPH Datamart Data Warehouse Phase 2	CW	S6	04	0	1,081	941	913	914	3,849	825	4,674	0	0	0	0	0	0	0	0	4,674	0	4,674
		Sub-total				474	1,081	941	913	914	4,323	825	5,148	0	0	0	0	0	0	474	0	4,674	0	5,148
TPH907790		Internet & Intranet Strategy Implementation																						
1	1	Internet Strategy Implementation	CW	S6	04	0	0	0	0	0	0	2,547	2,547	0	0	0	0	0	0	0	0	2,547	0	2,547
		Sub-total				0	0	0	0	0	0	2,547	2,547	0	0	0	0	0	0	0	0	2,547	0	2,547
TPH907820		Public Health Service Delivery transformation&Er																						
0	1	Public Health Service Delivery Transformation Enab	CW	S6	04	0	0	0	0	0	0	2,714	2,714	0	0	0	0	0	0	0	0	2,714	0	2,714
		Sub-total				0	0	0	0	0	0	2,714	2,714	0	0	0	0	0	0	0	0	2,714	0	2,714
TPH907843		Infectious Disease Control System																						
0	1	Infectious Disease Control System	CW	S2	02	1,215	725	205	0	0	2,145	0	2,145	2,145	0	0	0	0	0	0	0	0	0	2,145
		Sub-total				1,215	725	205	0	0	2,145	0	2,145	2,145	0	0	0	0	0	0	0	0	0	2,145
Total Program Expenditure						6,291	4,118	3,601	3,392	3,388	20,790	15,636	36,426	2,145	0	0	0	0	0	1,680	0	32,601	0	36,426

Report Phase 2 - Program 33 Toronto Public Health   Program Phase 2   Sub-Project Category 01,02,03,04,05,06,07   Part B Sub-Project Status S2,S5,S6   Part C Sub-Project Status S2,S3,S4

CITY OF TORONTO

Gross Expenditures ($000's)

Appendix 3

Toronto Public Health

				Current and Future Year Cash Flow Commitments and Estimates								Current and Future Year Cash Flow Commitments and Estimates Financed By										
Sub-Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward Stat. Cat.	2013	2014	2015	2016	2017	Total 2013-2017	Total 2018-2022	Total 2013-2022	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing
Financed By:																					
Provincial Grants & Subsidies				1,215	725	205	0	0	2,145	0	2,145	2,145	0	0	0	0	0	0	0	0	2,145
Other1 (Internal)				1,680	0	0	0	0	1,680	0	1,680	0	0	0	0	0	0	1,680	0	0	0	1,680
Debt				3,396	3,393	3,396	3,392	3,388	16,965	15,636	32,601	0	0	0	0	0	0	0	0	32,601	0	32,601
Total Program Financing				6,291	4,118	3,601	3,392	3,388	20,790	15,636	36,426	2,145	0	0	0	0	0	1,680	0	32,601	0	36,426

Status Code   **Description**
S2   S2 Prior Year (With 2013 and\or Future Year Cashflow)
S3   S3 Prior Year - Change of Scope 2013 and\or Future Year Cost\Cashflow)
S4   S4 New - Stand-Alone Project (Current Year Only)
S5   S5 New (On-going or Phased Projects)
S6   S6 New - Future Year (Commencing in 2014 & Beyond)

Category Code Description
01   Health and Safety C01
02   Legislated C02
03   State of Good Repair C03
04   Service Improvement and Enhancement C04
05   Growth Related C05
06   Reserved Category 1 C06
07   Reserved Category 2 C07

Appendix 4

**2013 Recommended Cash Flow and
Future Year Commitments**

Report Phase 2 - Program 33 Toronto Public Health Program Phase 2   Sub-Project Category 01,02,03,04,05,06,07   Part B Sub-Project Status S2   Part C Sub-Project Status S2,S3,S4,S5

CITY OF TORONTO

Gross Expenditures ($000's)
Appendix 4

Toronto Public Health

						Current and Future Year Cash Flow Commitments								Current and Future Year Cash Flow Commitments Financed By										
Sub-Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	2013	2014	2015	2016	2017	Total 2013-2017	Total 2018-2022	Total 2013-2022	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt	Recoverable Debt	Total Financing
TPH907757		**HF/HL Systems Integration**																						
1	1	HF/HL Systems Integration	CW	S2	04	2,722	0	0	0	0	2,722	0	2,722	0	0	0	0	0	0	523	0	2,199	0	2,722
1	3	HF/HL Systems Integration Decrease 2013	CW	S3	04	-266	0	0	0	0	-266	0	-266	0	0	0	0	0	0	0	0	-266	0	-266
		Sub-total				2,456	0	0	0	0	2,456	0	2,456	0	0	0	0	0	0	523	0	1,933	0	2,456
TPH907766		**Web reBrand Project**																						
1	1	Web reBrand Project 2012	CW	S2	04	443	798	395	0	0	1,636	0	1,636	0	0	0	0	0	0	0	0	1,636	0	1,636
1	2	Web reBrand Project Decrease in 2013	CW	S3	04	-23	-353	-61	0	0	-437	0	-437	0	0	0	0	0	0	0	0	-437	0	-437
		Sub-total				420	445	334	0	0	1,199	0	1,199	0	0	0	0	0	0	0	0	1,199	0	1,199
TPH907768		**Healthy Environment Inspection System**																						
1	1	HE Inspection System S2	CW	S2	04	683	0	0	0	0	683	0	683	0	0	0	0	0	0	683	0	0	0	683
		Sub-total				683	0	0	0	0	683	0	683	0	0	0	0	0	0	683	0	0	0	683
TPH907777		**HF/HL Point of Care**																						
1	1	HF/HL Point of Care	CW	S4	04	1,043	1,867	1,950	0	0	4,860	0	4,860	0	0	0	0	0	0	0	0	4,860	0	4,860
		Sub-total				1,043	1,867	1,950	0	0	4,860	0	4,860	0	0	0	0	0	0	0	0	4,860	0	4,860
TPH907789		**TPH Datamart Data Warehouse**																						
1	1	TPH Datamart Data Warehouse	CW	S2	04	474	0	0	0	0	474	0	474	0	0	0	0	0	0	474	0	0	0	474
		Sub-total				474	0	0	0	0	474	0	474	0	0	0	0	0	0	474	0	0	0	474
TPH907843		**Infectious Disease Control System**																						
0	1	Infectious Disease Control System	CW	S2	02	1,215	725	205	0	0	2,145	0	2,145	2,145	0	0	0	0	0	0	0	0	0	2,145
		Sub-total				1,215	725	205	0	0	2,145	0	2,145	2,145	0	0	0	0	0	0	0	0	0	2,145
Total Program Expenditure						6,291	3,037	2,489	0	0	11,817	0	11,817	2,145	0	0	0	0	0	1,680	0	7,992	0	11,817

Report Phase 2 -   Program 33 Toronto Public Health   Program Phase 2   Sub-Project Category 01,02,03,04,05,06,07   Part B Sub-Project Status S2   Part C Sub-Project Status S2,S3,S4,S5

CITY OF TORONTO

Gross Expenditures ($000's)

Appendix 4

Toronto Public Health

			Current and Future Year Cash Flow Commitments and Estimates								Current and Future Year Cash Flow Commitments and Estimates Financed By										
<u>Sub-</u> Priority	<u>Project No.</u> SubProj No.	<u>Project Name</u> Sub-project Name	Ward Stat. Cat.	2013	2014	2015	2016	2017	Total 2013-2017	Total 2018-2022	Total 2013-2022	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing
Financed By:																					
	Provincial Grants & Subsidies			1,215	725	205	0	0	2,145	0	2,145	2,145	0	0	0	0	0	0	0	0	0	2,145
	Other1 (Internal)			1,680	0	0	0	0	1,680	0	1,680	0	0	0	0	0	0	1,680	0	0	0	1,680
	Debt			3,396	2,312	2,284	0	0	7,992	0	7,992	0	0	0	0	0	0	0	0	7,992	0	7,992
Total Program Financing				6,291	3,037	2,489	0	0	11,817	0	11,817	2,145	0	0	0	0	0	1,680	0	7,992	0	11,817

Status Code   Description
S2   S2 Prior Year (With 2013 and\or Future Year Cashflow)
S3   S3 Prior Year - Change of Scope 2013 and\or Future Year Cost\Cashflow)
S4   S4 New - Stand-Alone Project (Current Year Only)
S5   S5 New (On-going or Phased Projects)

Category Code Description
01   Health and Safety C01
02   Legislated C02
03   State of Good Repair C03
04   Service Improvement and Enhancement C04
05   Growth Related C05
06   Reserved Category 1 C06
07   Reserved Category 2 C07

Appendix 5

2013 Recommended Capital Project with Financing Details

(Phase 2) 33-Toronto Public Health   Sub-Project Category: 01,02,03,04,05,06,07   Type: B Sub-Project Status: S2   Type: C Sub-Project Status: S2,S3,S4,S5

CITY OF TORONTO
Appendix 5
Toronto Public Health
Sub-Project Summary

Project/Financing				2013	Financing									
Priority	Project	Project Name	Start Date	Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0	**TPH907843**	**Infectious Disease Control System**													
0	1	Infectious Disease Control System	7/1/2013	5/31/2015	1,215	1,215	0	0	0	0	0	0	0	0	0
		Project Sub-total:			1,215	1,215	0	0	0	0	0	0	0	0	0
1	**TPH907757**	**HF/HL Systems Integration**													
1	1	HF/HL Systems Integration	1/1/2010	12/31/2013	2,722	0	0	0	0	0	0	523	0	2,199	0
1	3	HF/HL Systems Integration Decrease 2013	1/2/2010	12/31/2013	-266	0	0	0	0	0	0	0	0	-266	0
		Project Sub-total:			2,456	0	0	0	0	0	0	523	0	1,933	0
1	**TPH907766**	**Web reBrand Project**													
1	1	Web reBrand Project 2012	5/4/2011	5/4/2015	443	0	0	0	0	0	0	0	0	443	0
1	2	Web reBrand Project Decrease in 2013	5/4/2011	5/4/2015	-23	0	0	0	0	0	0	0	0	-23	0
		Project Sub-total:			420	0	0	0	0	0	0	0	0	420	0
1	**TPH907768**	**Healthy Environment Inspection System**													
1	1	HE Inspection System S2	1/2/2009	9/30/2012	683	0	0	0	0	0	0	683	0	0	0
		Project Sub-total:			683	0	0	0	0	0	0	683	0	0	0
1	**TPH907777**	**HF/HL Point of Care**													
1	1	HF/HL Point of Care	1/1/2013	12/31/2015	1,043	0	0	0	0	0	0	0	0	1,043	0
		Project Sub-total:			1,043	0	0	0	0	0	0	0	0	1,043	0
1	**TPH907789**	**TPH Datamart Data Warehouse**													
1	1	TPH Datamart Data Warehouse	3/1/2012	12/31/2010	474	0	0	0	0	0	0	474	0	0	0
		Project Sub-total:			474	0	0	0	0	0	0	474	0	0	0
		Program Total:			6,291	1,215	0	0	0	0	0	1,680	0	3,396	0

Status Code   Description
S2   S2 Prior Year (With 2013 and\or Future Year Cashflow)
S3   S3 Prior Year - Change of Scope 2013 and\or Future Year Cost\Cashflow
S4   S4 New - Stand-Alone Project (Current Year Only)
S5   S5 New (On-going or Phased Projects)

Category Code Description
01   Health and Safety C01
02   Legislated C02
03   State of Good Repair C03
04   Service Improvement and Enhancement C04
05   Growth Related C05
06   Reserved Category 1 C06
07   Reserved Category 2 C07