Municipal Performance Measurement Program • 2008 RESULTS

Questions about MPMP results should be addressed to:

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Title			
Municipality	Town of Markham		
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Related documents and links

Local Government

CONTACT PERSON

Municipal Performance Measurement Program • 2008 RESULTS

Fire Services

CONTACT PERSON

2.1 FIRE SERVICES – EFFICIENCY					
	2008	2007	2006	2005	
	\$0.69	\$0.66	\$0.71	\$0.73	

Efficiency Measure

Operating costs for fire services per \$1,000 of assessment.

Objective

Efficient fire services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs. SLC 91 1102 13 Financial Information Return.

Police Services

CONTACT PERSON

3.1 POLICE SERVICES – EFFICIENCY						
	2008	2007	2006	2005		
	\$x.xx	\$x.xx	\$x.xx	\$x.xx		

Efficiency Measure

Operating costs for police services per person.

Objective

Efficient police services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs. SLC 91 1203 13 Financial Information Return.

TOWN OF MARKHAM Municipal Performance Measurement Program • 2008 RESULTS

	2008	2007	2006	2005	2004
	X.X	X.X	X.X	X.X	X.X
f fectiveness /iolent crime ra Dbjective Safe communi [:]	ate per 1,000 per	rsons.			
lotes & Key F	actors for Unde	erstanding Res	ults		
SLC 92 1258 07 F	inancial Information	Return.			
	3.3 PRO	PERTY CRIME I	RATE - EFFECT	IVENESS	
	2008	2007	2006	2005	2004
	X.X	X.X	X.X	X.X	X.X
Objective Safe communit	rate per 1,000 p		ults		
Property crime Objective Safe communit Notes & Key F	rate per 1,000 p ies. Factors for Unde	erstanding Res	ults		
Property crime Objective Safe communit Notes & Key F	rate per 1,000 p ies. Factors for Unde	erstanding Res			
Property crime Objective Safe communit Notes & Key F	rate per 1,000 p ies. Factors for Unde inancial Information 3.4 TO	erstanding Res Return. TAL CRIME RA	TE - EFFECTIV		2004
Property crime Objective Safe communit Notes & Key F	rate per 1,000 p ies. Factors for Unde	erstanding Res		ENESS 2005 X	2004 X

Municipal Performance Measurement Program • 2008 RESULTS

3.5 YOUTH CRIME RATE - EFFECTIVENESS					
2008 2007 2006 2005					
X.X	X.X	X.X	X.X		

Effectiveness Measure

Youth crime rate per 1,000 youths.

Objective

Safe Communities.

Notes & Key Factors for Understanding Results

The formula for youth crime was changed in 2005 to include youths who receive pre-charge resolutions such as warnings and cautions.

SLC 92 1265 07 Financial Information Return.

Roads

CONTACT PERSON

4.1 PAVED ROADS – EFFICIENCY					
	2008	2007	2006	2005	
	\$698.69	\$694.75	\$600.76	\$616.82	

Efficiency Measure

Operating costs for paved (hard top) roads per lane kilometre.

Objective

Efficient maintenance of paved roads.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs. SLC 91 2107 13 Financial Information Return.

TOWN OF MARKHAM Municipal Performance Measurement Program • 2008 RESULTS

4.2 UNPAVED ROADS – EFFICIENCY						
	2008	2007	2006	2005		
	\$6,443.00	\$3,908.17	\$5,524.67	\$7,486.00		
Efficiency Mea						
Operating costs	s for unpaved (lo	oose top) roads p	er lane kilometre	Э.		
Objective Efficient mainte	nance of unpav	ed roads.				
Notos 8 Kov E	actors for Und	orstanding Pos	ulte			
NULES & NEY F		erstanding Res	uitə			
			- 40 immenue 46 - 1 <i>C</i>	ution of or custin		
	iciency measures w inancial Information	ere changed in 200	o to improve the defi	nition of operating c	OSIS.	
SEC 91 2106 13 F		Return.				
	4.3 WINTER	MAINTENANC	E OF ROADS –	EFFICIENCY		
	2008	2007	2006	2005		
	\$5,500.78	\$3,968.97	\$2,385.26	\$3,565.92		
Efficiency Mea						
	isure					
	s for winter main	tonance of road	vave nor land kil	ometre maintain	ad in wintar	
Operating costs	s for winter main	tenance of road	ways per lane kil	ometre maintain	ed in winter.	
Operating costs Objective			ways per lane kil	ometre maintain	ed in winter.	
Operating costs Objective	s for winter main maintenance of		ways per lane kil	ometre maintain	ed in winter.	
Operating costs Objective Efficient winter	maintenance of	roads.		ometre maintain	ed in winter.	
Operating costs Objective Efficient winter	maintenance of			ometre maintain	ed in winter.	
Operating costs Objective Efficient winter	maintenance of	roads.		ometre maintain	ed in winter.	
Operating costs Objective Efficient winter	maintenance of	roads.		ometre maintain	ed in winter.	
Operating costs Objective Efficient winter	maintenance of	roads.		ometre maintain	ed in winter.	
Operating costs Objective Efficient winter Notes & Key F	maintenance of actors for Unde	roads.	ults			
Operating costs Objective Efficient winter Notes & Key F	maintenance of actors for Unde	roads. erstanding Reso rere changed in 2009	ults			

	2008	2007	2006	2005	2004
	76.0%	77.0%	60.0%	83.0%	85.5%
Effectiveness Percentage of	Measure paved lane kilom	netres where the	condition is rate	ed as good to ver	y good.
Objective	dition meets mur			Ū	
Notes & Key F	actors for Unde	erstanding Res	ults		
SI C 92 2152 07 F	inancial Information	Return			
520 02 2102 01 1					
				4	
	on is rated using a Pa				
	on is rated using a Pa n or the Ministry of T				
	n or the Ministry of T	ransportation's Roa	ds Inventory Manag	ement System (RIM	
	n or the Ministry of T	ransportation's Roa		ement System (RIM	
	a or the Ministry of T 4.5 WINTE 2008	ransportation's Roa R EVENT RESP 2007	ds Inventory Manag ONSES - EFFE 2006	ement System (RIM CTIVENESS 2005	S). 2004
	a or the Ministry of T 4.5 WINTE	ransportation's Roa	ds Inventory Manag	ement System (RIM	S).
Roads Association Effectiveness Percentage of service levels f Objective	4.5 WINTE 2008 100.0% Measure winter events wh or road maintena	ransportation's Roa R EVENT RESP 2007 99.0% here the respons ance.	ds Inventory Manag ONSES - EFFE 2006 100.0%	ement System (RIM CTIVENESS 2005 100.0%	S). 2004 100.0%
Roads Association Effectiveness Percentage of service levels f Objective	4.5 WINTE 2008 100.0% Measure winter events wh	ransportation's Roa R EVENT RESP 2007 99.0% here the respons ance.	ds Inventory Manag ONSES - EFFE 2006 100.0%	ement System (RIM CTIVENESS 2005 100.0%	S). 2004 100.0%
Roads Association Effectiveness Percentage of service levels f Objective Appropriate res	4.5 WINTE 2008 100.0% Measure winter events wh or road maintena	ransportation's Roa R EVENT RESP 2007 99.0% here the respons ance. storm events.	ds Inventory Manag ONSES - EFFE 2006 100.0% e met or exceed	ement System (RIM CTIVENESS 2005 100.0%	S). 2004 100.0%
Roads Association Effectiveness Percentage of service levels f Objective Appropriate res	4.5 WINTEL 2008 100.0% Measure winter events wh or road maintena sponse to winter	ransportation's Roa R EVENT RESP 2007 99.0% here the respons ance. storm events.	ds Inventory Manag ONSES - EFFE 2006 100.0% e met or exceed	ement System (RIM CTIVENESS 2005 100.0%	S). 2004 100.0%
Roads Association Effectiveness Percentage of service levels f Objective Appropriate res	4.5 WINTEL 2008 100.0% Measure winter events wh or road maintena sponse to winter	ransportation's Roa R EVENT RESP 2007 99.0% here the respons ance. storm events.	ds Inventory Manag ONSES - EFFE 2006 100.0% e met or exceed	ement System (RIM CTIVENESS 2005 100.0%	S). 2004 100.0%
Roads Association Effectiveness Percentage of service levels f Objective Appropriate res	4.5 WINTEL 2008 100.0% Measure winter events wh or road maintena sponse to winter	ransportation's Roa R EVENT RESP 2007 99.0% here the respons ance. storm events.	ds Inventory Manag ONSES - EFFE 2006 100.0% e met or exceed	ement System (RIM CTIVENESS 2005 100.0%	S). 2004 100.0%

Municipal Performance Measurement Program • 2008 RESULTS

Conventional Transit

CONTACT PERSON

5.1 CONVENTIONAL TRANSIT – EFFICIENCY						
	2008 2007 2006 2005					
	\$x.xx	\$x.xx	\$x.xx	\$x.xx		

Efficiency Measure

Operating costs for conventional transit per regular service passenger trip.

Objective

Efficient conventional transit services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

SLC 91 2302 13 Financial Information Return.

5.2 CONVENTIONAL TRANSIT RIDERSHIP - EFFECTIVENESS					
2008	2007	2006	2005	2004	
X.X	X.X	X.X	X.X	X.X	

Effectiveness Measure

Number of conventional transit passenger trips per person in the service area in a year.

Objective

Maximum utilization of municipal transit services.

Notes & Key Factors for Understanding Results

SLC 92 2351 07 Financial Information Return.

Municipal Performance Measurement Program • 2008 RESULTS

Wastewater (Sewage)

CONTACT PERSON

6.1 WASTEWATER COLLECTION – EFFICIENCY						
	2008	2007	2006			
	\$4,613.87	\$4,903.64	\$3,636.83			

Efficiency Measure

Operating costs for the collection of wastewater per kilometre of wastewater main.

Objective

Efficient municipal wastewater collection services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs. SLC 91 3110 13 Financial Information Return.

In 2006, the definition of kilometres of wastewater main was redefined; connections were eliminated.

6.	2 WASTEWAT	ER TREATMEN ⁻	T AND DISPOS	AL — EFFICIENC	Y
	2008	2007	2006	2005	
	\$580.77	\$529.21	\$480.66	\$439.99	

Efficiency Measure

Operating costs for the treatment and disposal of wastewater per megalitre.

Objective

Efficient municipal wastewater treatment and disposal services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

One megalitre equals 1,000,000 litres or 1,000 cubic metres.

SLC 91 3108 13 Financial Information Return.

Municipal Performance Measurement Program • 2008 RESULTS

6.3 WASTEW	ATER INTEGRA	TED SYSTEM -	- EFFICIENCY	
2008	2007	2006	2005	
\$675.46	\$620.36	\$567.59	\$537.57	

Efficiency Measure

Operating costs for the collection, treatment and disposal of wastewater per megalitre (Integrated System).

Objective

Efficient wastewater system (Integrated System).

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

One megalitre equals 1,000,000 litres or 1,000 cubic metres.

SLC 91 3109 13 Financial Information Return.

6.4 WAS	TEWATER MAII	N BACKUPS - E	FFECTIVENES	S
2008	2007	2006	2005	2004
1.407	0.446	0.895	0.270	0.7353

Effectiveness Measure

Number of wastewater main backups per 100 kilometres of wastewater main in a year.

Objective

Municipal sewage management practices prevent environmental and human health hazards.

Notes & Key Factors for Understanding Results

SLC 92 3154 07 Financial Information Return.

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6.5 WASTEW	ATER BYPASS	ES TREATMEN	T - EFFECTIVE	NESS
2008	2007	2006	2005	2004
N/A	N/A	N/A	N/A	N/A

Effectiveness Measure

Percentage of wastewater estimated to have by-passed treatment.

Objective

Municipal sewage management practices prevent environmental and human health hazards.

Notes & Key Factors for Understanding Results

SLC 92 3155 07 Financial Information Return.

Municipal Performance Measurement Program • 2008 RESULTS

Storm Water

CONTACT PERSON

7.1 URBAN ST	FORM WATER I	MANAGEMENT	- EFFICIENCY
2008	2007	2006	
\$x.xx	\$x.xx	\$x.xx	

Efficiency Measure

Operating costs for urban storm water management (collection, treatment, disposal) per kilometre of drainage system.

Objective

Efficient urban storm water management.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

In 2006, the definition of kilometres of drainage system was redefined to eliminate connections; catch basins were retained.

Reported by municipalities with a separate storm water system.

SLC 91 3207 13 Financial Information Return.

7.2 RURAL STORM WATER MANAGEMENT – EFFICIENCY

2008	2007	2006
\$x.xx	\$x.xx	\$x.xx

Efficiency Measure

Operating costs for rural storm water management (collection, treatment, disposal) per kilometre of drainage system.

Objective

Efficient rural storm water management.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

In 2006, the definition of kilometres of drainage system was redefined to eliminate connections; catch basins were retained

Reported by municipalities with a separate storm water system.

SLC 91 3208 13 Financial Information Return.

Municipal Performance Measurement Program • 2008 RESULTS

Drinking Water

CONTACT PERSON

8.1 DRINK	ING WATER TR	REATMENT – EI	FFICIENCY
2008	2007	2006	2005
\$520.71	\$505.86	\$495.90	\$479.96

Efficiency Measure

Operating costs for the treatment of drinking water per megalitre.

Objective

Efficient municipal water treatment services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

One megalitre equals 1,000,000 litres or 1,000 cubic metres.

SLC 91 3307 13 Financial Information Return.

8.2 DRI	NKING WATER	DISTRIBUTION	- EFFICIENC	1
2008	2007	2006		
\$12,517.32	\$11,808.65	\$11,050.80		

Efficiency Measure

Operating costs for the distribution of drinking water per kilometre of water distribution pipe.

Objective

Efficient municipal water distribution services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

In 2006, the definition of distribution pipe was redefined; connections and hydrants were eliminated.

SLC 91 3310 13 Financial Information Return.

	2008	2007	2006	2005	
	\$867.91	\$813.74	\$806.30	\$733.87	
Efficiency Mea	asure				
	s for the treatme	nt and distributio	on of drinking wa	ter per megalitre.	
Objective					
•	ipal water systen	n (Integrated Sy	stem).		
Key Factors fo	or Understandin	g Performance	;		
Formulae for all of	ficiency monsures w	ere changed in 200	5 to improve the def	inition of operating co	sete
onnuias iur all el	nciency measures w	ere changeu in 200		indon of operating co	1313.
One megalitre equ	als 1,000,000 litres	or 1,000 cubic metr	es.		
•					
SLC 91 3309 13 F	inancial Information	Return.			
	8 / BOIL				
			ORIES - EFFEC		000 (
	2008	WATER ADVIS 2007	2006	2005	2004
					2004 0.0
	2008	2007	2006	2005	
Effectiveness	2008 0.0	2007	2006	2005	
	2008 0.0 Measure	2007 0.0	2006 0.0	2005 0.0	0.0
Weighted num	2008 0.0 Measure ber of days wher	2007 0.0 a boil water ad	2006 0.0 visory issued by	2005	0.0
Weighted num	2008 0.0 Measure	2007 0.0 a boil water ad	2006 0.0 visory issued by	2005 0.0	0.0
Weighted numl applicable to a	2008 0.0 Measure ber of days wher	2007 0.0 a boil water ad	2006 0.0 visory issued by	2005 0.0	0.0
Weighted numl applicable to a Objective	2008 0.0 Measure ber of days wher municipal water	2007 0.0 a boil water ad supply, was in e	2006 0.0 visory issued by	2005 0.0	0.0
Weighted numl applicable to a Objective	2008 0.0 Measure ber of days wher	2007 0.0 a boil water ad supply, was in e	2006 0.0 visory issued by	2005 0.0	0.0
applicable to a Objective	2008 0.0 Measure ber of days wher municipal water	2007 0.0 a boil water ad supply, was in e	2006 0.0 visory issued by	2005 0.0	0.0
Weighted numl applicable to a Objective Water is safe a	2008 0.0 Measure ber of days wher municipal water and meets local n	2007 0.0 a boil water ad supply, was in e eeds.	2006 0.0 visory issued by effect.	2005 0.0	0.0
Weighted numl applicable to a Objective Water is safe a	2008 0.0 Measure ber of days wher municipal water	2007 0.0 a boil water ad supply, was in e eeds.	2006 0.0 visory issued by effect.	2005 0.0	0.0
Weighted numl applicable to a Objective Water is safe a	2008 0.0 Measure ber of days wher municipal water and meets local n	2007 0.0 a boil water ad supply, was in e eeds.	2006 0.0 visory issued by effect.	2005 0.0	0.0
Weighted numl applicable to a Objective Water is safe a	2008 0.0 Measure ber of days wher municipal water and meets local n	2007 0.0 a boil water ad supply, was in e eeds.	2006 0.0 visory issued by effect.	2005 0.0	0.0
Weighted numl applicable to a Objective Water is safe a	2008 0.0 Measure ber of days wher municipal water and meets local n	2007 0.0 a boil water ad supply, was in e eeds.	2006 0.0 visory issued by effect.	2005 0.0	0.0
Weighted numl applicable to a Objective Water is safe a	2008 0.0 Measure ber of days wher municipal water and meets local n	2007 0.0 a boil water ad supply, was in e eeds.	2006 0.0 visory issued by effect.	2005 0.0	0.0

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8.5 BF	REAKS IN WATE	ER MAINS - EFF	ECTIVENESS	
2008	2007	2006	2005	2004
2.81	4.34	2.61	3.43	4.46

Effectiveness Measure

Number of water main breaks per 100 kilometres of water distribution pipe in a year.

Objective

Improve system reliability.

Notes & Key Factors for Understanding Results

SLC 92 3356 07 Financial Information Return.

Solid Waste Management (Garbage)

CONTACT PERSON

Efficiency Measure

Operating costs for garbage collection per tonne or per household. (Specify)

Objective

Efficient municipal garbage collection services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

SLC 91 3403 13 Financial Information Return.

	2008	2007	2006	2005	
	\$0.0	\$0.0	\$0.0	\$0.0	1
Efficiency Mea	sure for garbage dis	posal per tonne	or per househc	ıld. (Specify)	
Objective Efficient munici	pal garbage disp	oosal services.			
Notes & Key F	actors for Unde	erstanding Res	ults		
Formulas for all eff	iciencv measures w	ere changed in 200	5 to improve the de	finition of operating	costs.
	nancial Information	Return.			
SLC 91 3503 13 Fi	nancial Information				v
SLC 91 3503 13 Fi	nancial Information 9.3 SOLID WA) – EFFICIENC 2005	ſ
SLC 91 3503 13 Fi	nancial Information		N (RECYCLING 2006 \$96.35) – EFFICIENC 2005 \$102.88	Y
SLC 91 3503 13 Fi	nancial Information 9.3 SOLID WA 2008 \$107.86	STE DIVERSIO 2007	2006	2005	Y
SLC 91 3503 13 Fi	nancial Information 9.3 SOLID WA 2008 \$107.86 sure	STE DIVERSIO 2007 \$98.35	2006 \$96.35	2005 \$102.88	
SLC 91 3503 13 Fi Efficiency Mea Operating costs	nancial Information 9.3 SOLID WA 2008 \$107.86 sure	STE DIVERSIO 2007 \$98.35	2006 \$96.35	2005	
SLC 91 3503 13 Fi Efficiency Mea Operating costs Objective	nancial Information 9.3 SOLID WA 2008 \$107.86 sure	STE DIVERSIO 2007 \$98.35 diversion (recyc	2006 \$96.35	2005 \$102.88	
SLC 91 3503 13 Fi Efficiency Mea Operating costs Objective Efficient munici	9.3 SOLID WAS 2008 \$107.86 sure for solid waste pal solid waste of	STE DIVERSIO 2007 \$98.35 diversion (recycl	2006 \$96.35 cling) per tonne	2005 \$102.88	
SLC 91 3503 13 Fi Efficiency Mea Operating costs Objective Efficient munici	nancial Information 9.3 SOLID WA 2008 \$107.86 sure for solid waste	STE DIVERSIO 2007 \$98.35 diversion (recycl	2006 \$96.35 cling) per tonne	2005 \$102.88	
SLC 91 3503 13 Fi Efficiency Mea Operating costs Objective Efficient munici	9.3 SOLID WAS 2008 \$107.86 sure for solid waste pal solid waste of	STE DIVERSIO 2007 \$98.35 diversion (recycl	2006 \$96.35 cling) per tonne	2005 \$102.88	
SLC 91 3503 13 Fi Efficiency Mea Operating costs Objective Efficient munici	9.3 SOLID WAS 2008 \$107.86 sure for solid waste pal solid waste of	STE DIVERSIO 2007 \$98.35 diversion (recycl	2006 \$96.35 cling) per tonne	2005 \$102.88	
SLC 91 3503 13 Fi Efficiency Mea Operating costs Objective Efficient munici Notes & Key Fi	ancial Information 9.3 SOLID WA 2008 \$107.86 sure for solid waste pal solid waste of actors for Unde	STE DIVERSIO 2007 \$98.35 diversion (recycl diversion (recycl erstanding Res	2006 \$96.35 cling) per tonne ing) services. ults	2005 \$102.88	d. (Specif

	2008	2007	2006	2005	
	\$102.03	\$95.35	\$94.66	\$93.86	
			ement (collection	n, disposal and d	iversion) pei
Objective Efficient munic	ipal solid waste r	nanagement (Inf	egrated System	ı).	
Notes & Key F	actors for Unde	erstanding Res	ults		
Formulas for all ef	ficiency measures w	ere changed in 200	5 to improve the de	finition of operating c	osts.
SLC 91 3605 13 F	inancial Information	Return.			
			GARBAGE ANI		
				D RECYCLED M	
		LECTION OF		D RECYCLED M	
	LAINTS — COI	LECTION OF	VENESS		ATERIALS
9.5 COMP Effectiveness Number of com materials per 1 Objective	2008 46.64 Measure	LECTION OF EFFECTI 2007 57.27 in a year concerts.	VENESS 2006 70.81	2005 76.48	ATERIALS 2004 22.67
9.5 COMP Effectiveness Number of com materials per 1 Objective Improved garba	2008 46.64 Measure plaints received ,000 households age collection of	LECTION OF EFFECTI 2007 57.27 in a year concer garbage and rec	VENESS 2006 70.81 ming the collect	2005 76.48	ATERIALS 2004 22.67
9.5 COMP Effectiveness Number of com materials per 1 Objective Improved garba	2008 46.64 Measure plaints received ,000 households	LECTION OF EFFECTI 2007 57.27 in a year concer garbage and rec	VENESS 2006 70.81 ming the collect	2005 76.48	ATERIALS 2004 22.67
9.5 COMP Effectiveness Number of com materials per 1 Objective Improved garba	2008 46.64 Measure plaints received ,000 households age collection of	LECTION OF EFFECTI 2007 57.27 in a year concer garbage and rec	VENESS 2006 70.81 ming the collect	2005 76.48	ATERIALS 2004 22.67
9.5 COMP Effectiveness Number of com materials per 1 Objective Improved garba	2008 46.64 Measure plaints received ,000 households age collection of	LECTION OF EFFECTI 2007 57.27 in a year concer garbage and rec	VENESS 2006 70.81 ming the collect	2005 76.48	ATERIALS 2004 22.67

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9.6 N	9.6 NUMBER OF MUNICIPAL SOLID WASTE MANAGEMENT FACILITIES EFFECTIVENESS					
	2008	2007	2006	2005	2004	
	0	0	0	0	0	

Effectiveness Measure

Total number of solid waste management facilities owned by the municipality with a Ministry of Environment Certificate of Approval.

Objective

Context for solid waste management facility compliance measure.

Notes & Key Factors for Understanding Results

SLC 92 3552 07 Financial Information Return.

Municipal Performance Measurement Program • 2008 RESULTS

9.7 FACILITY COMPLIANCE - EFFECTIVENESS

Effectiveness Measure

Number of days per year when a Ministry of Environment compliance order for remediation concerning an air or groundwater standard was in effect for a municipally owned solid waste management facility, by facility.

Objective

Municipal solid waste services do not have an adverse impact on environment.

Facility Name	Days 2008	Days 2007	Days 2006	Days 2005	Days 2004
	0.0	0.0	0.0	0.0	0.0
Please delete un-used rows					

Notes & Key Factors for Understanding Performance

Facility Name: SLC 92 3553 03 to SLC 92 3560 03

Days: SLC 92 3553 07 to SLC 92 3560 07

List facilities in the order they appear in the 2008 FIR.

		EFFECT	IVENESS		
	2008	2007	2006	2005	2004
	70.0%	70.2%	69.6%	59.9%	37.1%
Effectiveness N Percentage of re Objective Municipal solid v	esidential solid w		or recycling. t waste from land	dfills and/or incin	erators
NOTES & KEY FA	ctors for Unde	rstanding Res	uns		
SI C 92 3655 07 Fin	ancial Information F	Return.			
			IDENTIAL SOLI		
	9.9 DIVER combined Resid	SION OF RES lential and Ind EFFECT	IDENTIAL SOLI ustrial/Comme IVENESS	rcial/Institutiona	
	9.9 DIVER	SION OF RES	ustrial/Comme		al Tonnage) 2004 x%
(Based on C Effectiveness M Percentage of re (based on comb Objective	9.9 DIVER combined Residential Solid with with the second	SION OF RES lential and Ind EFFECT 2007 x% vaste diverted for and Industrial/0	ustrial/Commen IVENESS 2006 x% or recycling Commercial/Insti	rcial/Institutiona	2004 x%
(Based on C Effectiveness M Percentage of re (based on comb Objective Municipal solid v	9.9 DIVER combined Residence 2008 x% Measure esidential solid w ined residential waste reduction	SION OF RES lential and Ind EFFECT 2007 x% /aste diverted fr and Industrial/C	ustrial/Comment IVENESS 2006 x% or recycling Commercial/Instite t waste from land	rcial/Institutiona	2004 x%
(Based on C Effectiveness M Percentage of re (based on comb Objective	9.9 DIVER combined Residence 2008 x% Measure esidential solid w ined residential waste reduction	SION OF RES lential and Ind EFFECT 2007 x% /aste diverted fr and Industrial/C	ustrial/Comment IVENESS 2006 x% or recycling Commercial/Instite t waste from land	rcial/Institutiona	2004 x%

Municipal Performance Measurement Program • 2008 RESULTS

Parks and Recreation

CONTACT PERSON

	10.1 PARKS -	- EFFICIENCY		
2008	2007	2006	2005	
\$23.11	\$23.17	\$23.40	\$24.42	

Efficiency Measure

Operating costs for parks per person.

Objective

Efficient operation of parks.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs. SLC 91 7102 13 Financial Information Return.

10.2 RECREATION PROGRAMS – EFFICIENCY					
2008	2007	2006	2005		
\$20.01	\$19.71	\$19.28	\$24.81		

Efficiency Measure

Operating costs for recreation programs per person.

Objective

Efficient operation of recreation programs.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

This measure is based on total population, not the population participating in recreation programs.

SLC 91 7202 13 Financial Information Return.

	2008	2007	2006	2005	
	\$46.70	\$45.98	\$44.99	\$35.82	
Efficiency Mea	ISUITE	•			
•		facilities per pers	son.		
Objective					
Efficient operat	ion of recreatio	n facilities.			
Notos & Kov E	actors for Unc	lerstanding Res	ulte		
NOLES & NEY I		leistanung kes	uits		
Formulas for all eff	iciency measures	were changed in 200	5 to improve the de	finition of operating	costs.
SLC 91 7303 13 F	inancial Informatio	n Return.			
10.4 RE	CREATION PR	OGRAMS AND I		ACILITIES (SU	BTOTAL
		EFFIC	IENCY		
	2008	2007			
		2007			_
	2008 \$66.71				
Efficiency Mea	\$66.71	2007			
	\$66.71	2007 \$65.69	-	s per person (Su	ıbtotal).
Operating costs	\$66.71	2007	-	s per person (Su	ubtotal).
Operating costs Objective	\$66.71 Isure s for recreation	2007 \$65.69 programs and re	creation facilities		ubtotal).
Operating costs Objective	\$66.71 Isure s for recreation	2007 \$65.69	creation facilities		ubtotal).
Operating costs Objective Efficient operat	\$66.71 sure for recreation ion of recreatio	2007 \$65.69 programs and re	creation facilities		ıbtotal).
Operating costs Objective Efficient operat	\$66.71 sure for recreation ion of recreatio	2007 \$65.69 programs and re	creation facilities		ıbtotal).
Operating costs Objective Efficient operat	\$66.71 sure for recreation ion of recreatio	2007 \$65.69 programs and re	creation facilities		ıbtotal).
Operating costs Objective Efficient operat	\$66.71 sure for recreation ion of recreatio	2007 \$65.69 programs and re	creation facilities		ubtotal).
Operating costs Objective Efficient operat	\$66.71 sure for recreation ion of recreatio	2007 \$65.69 programs and re	creation facilities		ibtotal).
Operating costs Objective Efficient operat Notes & Key F	\$66.71 sure s for recreation ion of recreatio	2007 \$65.69 programs and re n programs and r lerstanding Res	creation facilities recreation facilities ults	es.	
Operating costs Objective Efficient operat Notes & Key F	\$66.71 Isure is for recreation ion of recreatio actors for Unc	2007 \$65.69 programs and rea n programs and r derstanding Res	creation facilities recreation facilities ults	es. finition of operating	costs.
Operating costs Objective Efficient operat Notes & Key F Formulas for all eff This measure repr	\$66.71 ISURE IS for recreation ion of recreation actors for Unc	2007 \$65.69 programs and rea n programs and r derstanding Res were changed in 200 and is automatically c	creation facilities recreation facilities ults	es. finition of operating	costs.
Operating costs Objective Efficient operat Notes & Key F Formulas for all eff This measure repr efficiency measure	\$66.71 Isure is for recreation ion of recreatio actors for Unc	2007 \$65.69 programs and re n programs and r derstanding Res were changed in 200 and is automatically c creation.	creation facilities recreation facilities ults	es. finition of operating	costs.

					2004
	2008 71.45	2007	2006	2005 21.54	2004 21.54
	/ 1.40	31.19	28.16	21.04	21.34
Effectiveness Total kilometre					
SLC 92 7152 05 F	inancial Information	Return.			
	2008	2007	2006	2005	2004
	0.237	0.108	0.100	0.082	0.082
Objective	Measure s of trails per 1,0 recreation opport	·			
SLC 92 7152 07 F	inancial Information	Return.			
	2008	2007	- EFFECTIVEN 2006	ESS	
	1059.6	837.4	804.35		
Hectares of op	Measure en space (munic				
	en space (munic		2006		
Hectares of op	en space (munic	Return.	2006 2.87		
Hectares of op SLC 92 7155 05 F Effectiveness Hectares of op Objective	en space (munic inancial Information 2008 3.53 Measure	Return. 2007 2.92 000 persons (mu			
Hectares of op SLC 92 7155 05 F Effectiveness Hectares of op Objective Open space is	en space (munic inancial Information 2008 3.53 Measure en space per 1,0	Return. 2007 2.92 000 persons (mu pulation.	2.87		

	2008	2007	2006	2005	
	16,751.103	18,369.686	17,488.253	17,669.408	
Objective			per 1,000 persor	NS.	
Notes & Key F	actors for Unde	erstanding Res	ults		
This measure wa	as redefined in 200)5 to exclude spec			
	of this measure is to	•	d by 1,000 and does	s not represent the r	number of
SLC 92 7255 07 F	inancial Information	Return.			
	10.8 INDOOR	RECREATION F	ACILITIES - EF	FECTIVENESS	
	2008	2007	2006		
	90,037	90,036	90,036		
-			unicipally owned).	
520 32 7 330 03 1			2000		
	2008 300.123	2007 313.714	2006 321.672		
	300.123	515.714	321.072		
Objective			e per 1,000 pers tion.	ons (municipally	v owned).
			a measure of indoor		and a measure o
	inancial Information	Return.			
SLC 92 7356 07 F					
	actors for Unde	erstanding Res	ults		

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10.	9 OUTDOOR RI		CILITY SPACE	- EFFECTIVENESS
	2008	2007	2006	
	31,383	29,980	27,572	
Effectiveness	Measure			
	of outdoor recre	ation facility space	ce (municipally	owned).
		Determ		
SLC 92 7359 05 F	inancial Information	Return.		
	2008	2007	2006	
	104.610	104.460	98.507	
	Moosuro			
Effectiveness Square metres		ation facility space	ce per 1,000 pe	ersons (municipally owned).
Square metres Objective				ersons (municipally owned).
Square metres Objective Recreation factor In 2006, the meas	of outdoor recre	quate for populat	ion. measure of indoc	r recreation facilities and a measure

Notes & Key Factors for Understanding Results

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Libraries

CONTACT PERSON

11.1 LIBRARY COSTS PER PERSON – EFFICIENCY					
2008	2007	2006	2005		
\$35.33	\$33.96	\$34.55	\$37.79		

Efficiency Measure

Operating costs for library services per person.

Objective

Efficient library services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

SLC 91 7403 13 Financial Information Return.

11.2 LIBRARY COSTS PER USE – EFFICIENCY						
2008	2007	2006	2005			
\$0.97	\$1.05	\$1.04	\$0.97			

Efficiency Measure

Operating costs for library services per use.

Objective

Efficient library services.

Notes & Key Factors for Understanding Results

Formulas for all efficiency measures were changed in 2005 to improve the definition of operating costs.

SLC 91 7404 13 Financial Information Return.

	2008	2007	2006	2005	2004
	36.354	32.426	33.235	38.905	24.241
Effectiveness M Library uses per					
Dbjective ncreased use o	f library service	s.			
Notes & Key Fa	actors for Unde	erstanding Res	ults		
SLC 92 7460 07 Fir	nancial Information	Return.			
	11.4 ELECT	RONIC LIBRAF	RY USES - EFFE	CTIVENESS	
	2008	2007	2006	2005	2004
	26.4%	25.3%	23.0%	20.0%	19.3%
	on on library usa	-	ults		
Notes & Key Fa	actors for Unde	erstanding Res	ults		
Notes & Key Fa SLC 92 7461 07 Fir	actors for Unde	erstanding Res	ults ARY USES - EF	FECTIVENESS	
Notes & Key Fa SLC 92 7461 07 Fir	actors for Unde	erstanding Res		FECTIVENESS 2005	2004
Notes & Key Fa SLC 92 7461 07 Fir	actors for Under nancial Information 11.5 NON-ELE	Return.	ARY USES - EF		
Notes & Key Fa	actors for Under nancial Information 11.5 NON-ELE 2008 73.6% Measure ibrary uses as a	erstanding Res Return. CTRONIC LIBR 2007 74.7%	ARY USES - EF 2006	2005 80.0%	2004
Notes & Key Fa	actors for Under nancial Information 11.5 NON-ELE 2008 73.6% Measure ibrary uses as a on on library use	Return. CTRONIC LIBR 2007 74.7% a percentage of t age.	ARY USES - EF 2006 77.0%	2005 80.0%	2004

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Land Use Planning

CONTACT PERSON

12.1 LOCATION OF NEW DEVELOPMENT - EFFECTIVENESS						
	2008	2007				
	100%	100%				

Effectiveness Measure

Percentage of new residential units located within settlement areas.

Objective

New residential development is occurring within settlement areas.

Notes & Key Factors for Understanding Results

SLC 92 8170 07 Financial Information Return.

In 2007, the measure for the location of new development was redefined for greater accuracy.

12.2 PRESERVATION OF AGRICULTURAL LAND DURING REPORTING YEAR EFFECTIVENESS							
	2008	2007	2006	2005	2004		
	100%	100%	100%	97.5%	91.8%		

Effectiveness Measure

Percentage of land designated for agricultural purposes which was not re-designated for other uses during the reporting year.

Objective

Preservation of agricultural land.

Notes & Key Factors for Understanding Results

SLC 92 8163 07 Financial Information Return.

	2008	2007	2006	2005	2004
	88%	88%	88%	88%	90.3%
	Measure land designated f the base year of		ourposes which v	vas not re-desigi	nated for othe
	f agricultural land.				
		–	•		
Notes & Key H	actors for Unde	rstanding Res	ults		
SLC 92 8164 07 F	inancial Information F	Return.			
	inancial Information F			6 DURING REP	ORTING YE
	E IN NUMBER OF	F AGRICULTUI EFFECT	IVENESS		
				5 DURING REP 2005	ORTING YE
	E IN NUMBER OF	F AGRICULTUI EFFECT	VENESS		
12.4 CHANGI	E IN NUMBER OF 2008 0	F AGRICULTU EFFECT 2007	VENESS 2006	2005	2004
12.4 CHANGI	E IN NUMBER OF 2008 0 Measure	F AGRICULTUI EFFECT 2007 0	VENESS 2006 0	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec	E IN NUMBER OF 2008 0 Measure tares of land origi	F AGRICULTUI EFFECT 2007 0 nally designate	VENESS 2006 0 d for agricultural	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec	E IN NUMBER OF 2008 0 Measure	F AGRICULTUI EFFECT 2007 0 nally designate	VENESS 2006 0 d for agricultural	2005 157	2004 567
12.4 CHANGI Effectiveness Number of heo re-designated	E IN NUMBER OF 2008 0 Measure tares of land origi	F AGRICULTUI EFFECT 2007 0 nally designate	VENESS 2006 0 d for agricultural	2005 157	2004 567
12.4 CHANGI Effectiveness Number of heo re-designated f Objective	E IN NUMBER OF 2008 0 Measure tares of land origi	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural	2005 157	2004 567
12.4 CHANGI Effectiveness Number of heo re-designated f Objective	E IN NUMBER OF 2008 0 Measure tares of land origi	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec re-designated f Objective Preservation o	E IN NUMBER OF 2008 0 Measure tares of land origi for other uses dur f agricultural land.	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural g year.	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec re-designated f Objective Preservation o	E IN NUMBER OF 2008 0 Measure tares of land origi	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural g year.	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec re-designated f Objective Preservation o	E IN NUMBER OF 2008 0 Measure tares of land origi for other uses dur f agricultural land.	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural g year.	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec re-designated f Objective Preservation o	E IN NUMBER OF 2008 0 Measure tares of land origi for other uses dur f agricultural land.	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural g year.	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec re-designated f Objective Preservation o	E IN NUMBER OF 2008 0 Measure tares of land origi for other uses dur f agricultural land.	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural g year.	2005 157	2004 567
12.4 CHANGI Effectiveness Number of hec re-designated f Objective Preservation o	E IN NUMBER OF 2008 0 Measure tares of land origi for other uses dur f agricultural land.	F AGRICULTUI EFFECT 2007 0 nally designate ing the reportin	VENESS 2006 0 d for agricultural g year.	2005 157	2004 567

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12.5 CHANGE IN NUMBER OF AGRICULTURAL HECTARES SINCE 2000 EFFECTIVENESS							
	2008	2007	2006	2005	2004		
	842	842	842	842	685		

Effectiveness Measure

Number of hectares of land originally designated for agricultural purposes which was re-designated for other uses since January 1, 2000.

Objective

Preservation of agricultural land.

Notes & Key Factors for Understanding Results

SLC 92 8166 07 Financial Information Return.