

CITY OF VAUGHAN Year 2002 Report

Local Government

1.1 OPERATING COSTS FOR LOCAL GOVERNMENT	
2002	2001
4.97%	5.64%
<p>Efficiency Measure <i>Operating costs for governance and corporate management as a percentage of total municipal operating costs.</i></p> <p>Objective <i>Efficient municipal government.</i></p>	
<p>Notes <i>Total municipal costs include the following:</i></p> <ul style="list-style-type: none"> - <i>General Government</i> - <i>Protection services (road works, winter control, street lighting, transit)</i> - <i>Environmental services (sanitary sewer, water works, waste collection & disposal, recycling)</i> - <i>Health Services (cemeteries)</i> - <i>Recreation and cultural services (parks, recreation programs & facilities, libraries)</i> - <i>Planning and development (planning & zoning, commercial development)</i> 	

Fire Services

2.1 OPERATING COSTS FOR FIRE SERVICES	
2002	2001
\$0.75	\$0.74
<p>Efficiency Measure <i>Operating costs for fire services per \$1,000 of assessment.</i></p> <p>Objective <i>Efficient municipal fire services.</i></p>	
<p>Notes <i>Operating costs for fire services per \$1,000 of property assessment:</i></p> <p><i>Vaughan operates 5 full-time, 1 composite and 1 volunteer fire stations, with 184 full-time and 36 volunteer firefighters, complimented by 33 administration, prevention, mechanical, communications and training staff. Vaughan's modern fleet of fire apparatus (6 quint and 7 triple combination pumpers) is supplemented with units specializing in technical (confined space & trench collapse) rescue, hazard mitigation, water tankers, rehabilitation and mechanical support functions.</i></p> <p><i>For an average home valued at \$250,000, the cost was \$220.00 to operate the fire department in 2002.</i></p> <p><i>In 2002, the fire department responded to 8547 calls.</i></p>	

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Police Services

3.1 OPERATING COSTS FOR POLICE SERVICES		3.2 VIOLENT CRIME RATE	
2002	2001	2002	2001
\$0.00	\$0.00	00.0	00.0
<p>Efficiency Measure Operating costs for police services per household.</p> <p>Objective Efficient municipal police services.</p>		<p>Effectiveness Measure Violent crime rate per 1,000 persons.</p> <p>Objective Safe communities.</p>	
<p>Notes Police services are provided by the Regional Municipality of York. Therefore, this indicator is not applicable to the City.</p>		<p>Notes N/A.</p>	

3.3 PROPERTY CRIME RATE		3.4 TOTAL CRIME RATE
2002	2001	2002
00.0	00.0	00.0
<p>Effectiveness Measure Property crime rate per 1,000 persons.</p> <p>Objective Safe communities.</p>		<p>Effectiveness Measure Total crime rate per 1,000 persons.</p> <p>Note that the definition used refers to Criminal Code offences, excluding traffic.</p> <p>Objective Safe communities.</p>
<p>Notes N/A</p>		<p>Notes * Formula change for total crime means measure for 2002 cannot be compared to measure for 2001.</p>

3.5 YOUTHS CHARGED
2002
00.0
<p>Effectiveness Measure Number of youths charged per 1,000 youths.</p> <p>Objective Safe communities.</p>
<p>Notes</p> <ul style="list-style-type: none"> Formula change for youths charged means measure for 2002 cannot be compared to measure for 2001.

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Road Services

4.1 OPERATING COSTS FOR PAVED ROADS	4.2 OPERATING COSTS FOR UNPAVED ROADS
2002	2002
\$431.67	\$5714.83
<p>Efficiency Measure <i>Operating costs for paved (hard top) roads per lane kilometre.</i></p> <p>Objective <i>Efficient maintenance of paved roads.</i></p>	<p>Efficiency Measure <i>Operating costs for unpaved (loose top) roads per lane kilometre.</i></p> <p>Objective <i>Efficient maintenance of unpaved roads.</i></p>
<p>Notes * Formula change for paved means measure for 2002 cannot be compared to measure for 2001.</p> <p><i>The City has a total of 1,932 assumed paved lane kilometres on 63,132 acres of land. The operating costs includes frost heave/base/utility cut repair, cold mix patching, hot mix patching, shoulder maintenance, surface maintenance, surface sweeping and surface flushing.</i></p> <p><i>The City also performs maintenance works on unassumed roads.</i></p>	<p>Notes * Formula change for unpaved roads means measure for 2002 cannot be compared to measure for 2001.</p> <p><i>The City has a total of 92 unpaved lane kilometres. The operating costs include dust suppression, loose top grading, loose gravelling, spot base repair and wash out repair.</i></p>

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Road Services

4.3 OPERATING COSTS FOR WINTER MAINTENANCE OF ROADS	4.4 CONDITION OF PAVED ROADS	
2002	2002	2001
\$2713.35	100.0%	96.99%
<p>Efficiency Measure <i>Operating costs for winter maintenance of roadways per lane kilometre maintained in winter.</i></p> <p>Objective <i>Efficient winter control operation.</i></p>	<p>Effectiveness Measure <i>Percentage of paved lane kilometres where the condition is rated as good to very good.</i></p> <p>Objective <i>Provide a paved lane system that has a pavement condition that meets municipal standards.</i></p>	
<p>Notes * Formula change for winter maintenance means measure for 2002 cannot be compared to measure for 2001.</p> <p><i>The City has a total of 1,932 assumed paved lane kilometres on 63,132 acres of land.</i></p>	<p>Notes <i>Please explain local circumstances.</i></p>	

4.5 WINTER EVENT RESPONSES	
2002	2001
100.0%	100.0%
<p>Effectiveness <i>Percentage of winter events where the response met or exceeded locally determined road maintenance standards.</i></p> <p>Objective <i>Provide an appropriate response to winter events.</i></p>	
<p>Notes <i>Please explain local circumstances.</i></p>	

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Conventional Transit

5.1 OPERATING COSTS		5.2 PUBLIC TRANSIT USE	
2002	2001	2002	2001
\$0.00	\$0.00	0.0	0.0
<p>Efficiency Measure <i>Operating costs for conventional transit per regular service passenger trip.</i></p> <p>Objective <i>Efficient conventional transit services.</i></p>		<p>Effectiveness Measure <i>Number of conventional transit passenger trips per person in the service area in a year.</i></p> <p>Objective <i>Maximum utilization of municipal transit services.</i></p>	
<p>Notes <i>Transit services are provided by the Region of York.</i></p>		<p>Notes <i>N/A.</i></p>	

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Wastewater

6.1 OPERATING COSTS FOR WASTEWATER COLLECTION		6.2 OPERATING COST FOR WASTEWATER COLLECTION AND TREATMENT	
2002	2001	2002	2001
\$1637.36	\$1449.37	\$410.08	\$404.63
<p>Efficiency Measure <i>Operating costs for the collection of wastewater per kilometre of wastewater main.</i></p> <p>Objective <i>Efficient wastewater collection services.</i></p>		<p>Efficiency Measure <i>Operating costs for the treatment and disposal of wastewater per megalitre.</i></p> <p><i>A megalitre equals 1,000,000 litres or 1,000 cubic metres.</i></p> <p>Objective <i>Efficient water treatment and disposal services.</i></p>	
<p>Notes <i>The City is responsible for sewage collection from the street line to the trunk sewer. York Region is responsible for trunk sanitary sewage conveyance from municipalities to the water pollution control plants.</i></p> <p><i>Operating costs include inspections, pump repairs, flushing and cleaning, blockage removal, flow monitoring and general maintenance.</i></p> <p><i>The City currently maintains 1,209 km of sewer lines.</i></p>		<p>Notes <i>The City currently pays the York Region for treatment and disposal of sewage.</i></p>	

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Wastewater

6.3 OPERATING COSTS FOR WASTEWATER SYSTEM		6.4 WASTEWATER MAIN BACKUPS	
2002	2001	2002	2001
\$0.00	\$0.00	0.3309	0.3513
<p>Efficiency Measure Operating costs for collection, treatment, and disposal of wastewater per megalitre (Integrated system).</p> <p>A megalitre equals 1,000,000 litres or 1,000 cubic metres.</p> <p>Objective Efficient wastewater system.</p>		<p>Effectiveness Measure Number of wastewater main backups per 100 kilometres of wastewater main in a year.</p> <p>Objective Prevention of human and environmental health hazards.</p>	
<p>Notes Wastewater services are purchased from the Region of York.</p>		<p>Notes The City is responsible for sewage collection from the street line to the trunk sewer. York Region is responsible for trunk sanitary sewage conveyance from municipalities to the water pollution control plants.</p> <p>Operating costs include inspections, pump repairs, flushing and cleaning, blockage removal, flow monitoring and general maintenance.</p> <p>The City currently maintains 1,209 km of sewer lines.</p>	

6.5 WASTEWATER TREATMENT BYPASS	
2002	2001
0.0%	0.0%
<p>Effectiveness Measure Percentage of wastewater estimated to have by-passed treatment.</p> <p>Objective Effective wastewater and treatment and disposal services.</p>	
<p>Notes N/A. The City currently pays the York Region for treatment and disposal of sewage.</p>	

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Storm Water

7.1 OPERATING COSTS FOR URBAN STORM WATER MANAGEMENT	7.2 OPERATING COSTS FOR RURAL STORM WATER MANAGEMENT
2002	2002
\$679.91	\$680.10
<p>Efficiency Measure <i>Operating costs for urban storm water management (collection, treatment, and disposal) per kilometre of drainage system.</i></p> <p>Objective <i>Efficient storm water management.</i></p>	<p>Efficiency Measure <i>Operating costs for rural storm water management (collection, treatment, and disposal) per kilometre of drainage system.</i></p> <p>Objective <i>Efficient storm water management.</i></p>
<p>Notes <i>New measure.</i></p>	<p>Notes <i>New measure.</i></p>

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Drinking Water Services

8.1 OPERATING COSTS FOR DRINKING WATER TREATMENT		8.2 OPERATING COSTS FOR DRINKING WATER DISTRIBUTION	
2002	2001	2002	2001
\$463.80	\$445.89	\$3008.96	\$3325.65
<p>Efficiency Measure <i>Operating costs for the treatment of drinking water per megalitre.</i></p> <p><i>A megalitre equals 1,000,000 litres, or 1,000 cubic metres.</i></p> <p>Objective <i>Efficient production of drinking water.</i></p>		<p>Efficiency Measure <i>Operating costs for the distribution of drinking water per kilometre of water distribution pipe.</i></p> <p>Objective <i>Efficient distribution of drinking water.</i></p>	
<p>Notes <i>Teated water is purchased from the Region of York. The City currently purchases water from York Region at a fixed rate of \$0.422 per cubic meter.</i></p> <p><i>In 2002, the City purchased 35.5 million cubic meters of treated water from the Region of York.</i></p>		<p>Notes <i>Operating costs include booster pumping station maintenance, inspections, repair of water mains, pumps, valves, chambers and hydrants, chlorine and bacterial sampling, and water meter repairs.</i></p> <p><i>The City currently has 956 km of distribution pipes to maintain.</i></p>	

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Drinking Water Services

8.3 OPERATING COSTS FOR TREATMENT AND DISTRIBUTION		8.4 BOIL WATER ADVISORIES	
2002	2001	2002	2001
\$539.64	\$519.60	0.0	0.0
<p>Efficiency Measure <i>Operating costs for the treatment and distribution of drinking water per megalitre (Integrated System).</i></p> <p><i>A megalitre equals 1,000,000 litres, or 1,000 cubic metres.</i></p> <p>Objective <i>Efficient treatment and distribution of water.</i></p>		<p>Effectiveness Measure <i>Weighted number of days when a boil water advisory issued by the Medical Officer of Health, applicable to a municipal water supply, was in effect.</i></p> <p>Objective <i>Water is safe and meets local needs.</i></p>	
<p>Notes</p>		<p>Notes <i>The quality of water within the City meets or exceeds the Ministry of Environment's regulations. There were 0 incidents of boil water advisory.</i></p>	

8.5 DRINKING WATER MAIN BREAKS	
2002	2001
4.6025	6.3147
<p>Effectiveness Measure <i>Number of water main breaks per 100 kilometres of water distribution pipe in a year.</i></p> <p>Objective <i>Improve system reliability.</i></p>	
<p>Notes <i>The City maintains 956km of water main. The City experiences water main breaks each year caused by many factors including, aging of pipes and fittings, frost and construction damage. In 2002, there were 44 reported water main breaks.</i></p>	

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Solid Waste

9.1 OPERATING COSTS FOR GARBAGE COLLECTION		9.2 OPERATING COSTS FOR GARBAGE DISPOSAL	
2002	2001	2002	2001
\$65.84	\$62.29	\$63.18	\$58.12
<p>Efficiency Measure <i>Operating costs for garbage collection per tonne or per household.</i></p> <p>Objective <i>Efficient garbage collection services..</i></p>		<p>Efficiency Measure <i>Operating costs for garbage disposal per tonne or per household.</i></p> <p>Objective <i>Efficient garbage disposal.</i></p>	
<p>Notes <i>The City currently collects waste from 61,604 households, 4813 multi-unit dwellings, some commercial and industrial units and bus shelters. The City offers twice a week garbage pick up from May to September and once a week for the balance of the year.</i></p> <p><i>The City collected 64,283 tonnes of solid waste and 10,379 tonnes of recycling material in 2002.</i></p>		<p>Notes <i>The waste disposal tipping fee charged at the Keele Valley Landfill site is included in the solid waste operating costs in #3402. The cost of disposal is reduced by tipping fee revenue received from the Region of York and a rebate from the City of Toronto as a result of the landfill site being located within the City boundary.</i></p>	

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Solid Waste

9.3 OPERATING COSTS FOR SOLID WASTE DIVERSION (RECYCLING)		9.4 OPERATING COSTS FOR SOLID WASTE (INTEGRATED SYSTEM)	
2002	2001	2002	2001
\$255.28	\$340.08	\$146.58	\$141.88
<p>Efficiency Measure <i>Operating costs for solid waste diversion (recycling) per tonne or per household.</i></p> <p>Objective <i>Efficient solid waste diversion (recycling) services.</i></p>		<p>Efficiency Measure <i>Average operating costs for solid waste management (collection, disposal and diversion) per tonne or per household (Integrated system).</i></p> <p>Objective <i>Efficient solid waste management.</i></p>	
<p>Notes <i>The City contracts out the pick up of recycled materials (curbside blue box). Additionally, the City generates revenue from the sale of recycled materials.</i></p> <p><i>Therefore, this measure represents the net cost per ton of recycled materials.</i></p> <p><i>Total tons of residential solid waste diverted for recycling in a year:</i></p> <p><i>Residential recycled materials are from the following sources:</i></p> <ul style="list-style-type: none"> - Christmas trees, leaves and yard materials - White goods/appliances - Blue box materials (glass, fibers, metal, plastic) 		<p>Notes</p>	

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Solid Waste

9.5 COMPLAINTS FOR SOLID WASTE AND RECYCLING COLLECTION		9.6 NUMBER OF SOLID WASTE MANAGEMENT SITES	
2002	2001	2002	2001
14.8017	30.7355	1	1
<p>Effectiveness Measure <i>Number of complaints received in a year concerning the collection of garbage and recycled materials per 1,000 households.</i></p> <p>Objective <i>Improved garbage collection services.</i></p>		<p>Effectiveness Measure <i>Total number of solid waste management sites owned by the municipality with a Ministry of Environment Certificate of Approval.</i></p> <p>Objective <i>Context for solid waste management facility compliance measure.</i></p>	
<p>Notes <i>For the purposes of this measure, a complaint is defined as anything that required investigation and/or resolution by City staff. Most complaints are regarding missed garbage pick-up that often is the result of waste not being placed out for collection on time.</i></p> <p><i>The City received 906 complaints in 2002.</i></p>		<p>Notes <i>This site is closed.</i></p>	

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Solid Waste

9.7 FACILITY COMPLIANCE		
Facility Name	Days 2002	Days 2001
	0.0	0.0
	0.0	0.0
	0.0	0.0
<i>Please delete un-used rows</i>	0.0	0.0
	0.0	0.0
	0.0	0.0
	0.0	0.0
	0.0	0.0
	0.0	0.0
<p>Effectiveness Measure <i>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 site.</i></p> <p>Objective <i>Municipal solid waste services do not have an adverse affect on environment.</i></p>		
<p>Notes <i>The City does not own or operate any landfill site within its jurisdiction. The Keele Valley Landfill Site is owned and operated by the City of Toronto and this site was closed December 31, 2002. Therefore, the City does not keep track of this measure.</i></p>		

9.8 DIVERSION OF SOLID WASTE	
2002	2001
13.9 %	9.97 %
<p>Effectiveness Measure <i>Percentage of residential solid waste diverted for recycling.</i></p> <p>Objective <i>Municipal waste programs divert garbage from landfills and incinerators.</i></p>	
<p>Notes <i>The City provides recycling pickups to some commercial and industrial properties (33 condominiums, 25 schools, daycares and senior residences).</i></p>	

Solid Waste

9.9 DIVERSION OF SOLID WASTE (RESIDENTIAL AND OTHER)	
2002	2001
0.0%	0.0%
<p>Effectiveness Measure <i>Percentage of residential solid waste diverted for recycling (based on combined residential, industrial, commercial and institutional tonnage).</i></p> <p>Objective <i>Municipal waste programs divert garbage from landfills and incinerators.</i></p>	
<p>Notes <i>N/A</i></p>	

CITY OF VAUGHAN Year 2002 Report

Land Use Planning

10.1 GROWTH AND SETTLEMENT PATTERN		10.2 PRESERVATION OF AGRICULTURAL LAND IN REPORTING YEAR	
2002	2001	2002	2001
100.0 %	100.0%	100.0%	77.41%
<p>Effectiveness Measure Percentage of new lots, blocks and/or units with final approval that are located within settlement areas.</p> <p>Objective New lot creation is occurring in settlement areas.</p>		<p>Effectiveness Measure Percentage of land designated for agricultural purposes that was not re-designated for other uses during 2002.</p> <p>Objective Preserve agricultural land.</p>	
<p>Notes This factor includes only lots created by subdivision registration and consent, but not by draft approval of a subdivision. Percentage of new lots, blocks and /or units approved which are located in settlement areas: Settlement area is defined as "Those lands within approved Urban Areas, Towns and Villages as defined in the Region of York's Official Plan and Hamlets or Urban Fringe as defined in a local municipal plan. Where a local plan provides clearly identified boundaries of a Town, Village or Hamlet, the local plan shall be used. An estate residential subdivision outside an Urban Area, Town, Village of Hamlet is not a settlement area." New lots, blocks and/or units approved was determined as number created by registered plan of subdivision or condominium or through the granting of provisional consent. Number of new lots, blocks and/or units approved which are located in settlement areas: In 2002, 3,509 new lots, blocks and/or units were approved, of which 3,509 were located within settlement areas.</p>		<p>Notes Percentage of designated agricultural land preserved during the year: Designated Agricultural Land is defined as "Alllands designated Agricultural, or similar designation, in a local official plan and Holland Marsh Area on Map 6 of the Region of York Official Plan."</p>	

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Land Use Planning

10.3 PRESERVATION OF AGRICULTURAL LAND (RELATIVE TO 2000)		10.4 CHANGE IN HECTARES AGRICULTURAL LAND (DURING REPORTING YEAR)	
2002	2001	2002	2001
77.19 %	77.19 %	0	1024
<p>Effectiveness Measure <i>Percentage of land designated for agricultural purposes which was not re-designated for other uses relative to the base year of 2000.</i></p> <p>Objective <i>Preserve agricultural land.</i></p>		<p>Effectiveness Measure <i>Number of hectares of land originally designated for agricultural purposes which was re-designated for other uses during 2002.</i></p> <p>Objective <i>Preserve agricultural land.</i></p>	
<p>Notes N/A</p>		<p>Notes N/A</p>	

10.5 CHANGE IN AGRICULTURAL LAND (SINCE 2000)	
2002	2001
1037	1037
<p>Effectiveness Measure <i>Number of hectares of land originally designated for agricultural purposes that was re-designated for other uses since January 1, 2000.</i></p> <p>Objective <i>Preserve agricultural land.</i></p>	
<p>Notes <i>Please explain local circumstances.</i></p>	