



# Waste Management Industry Survey: Government Sector, 2000

Confidential when completed

Collected under authority of Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.

*Français au verso*

### Please complete

Name of Government, Agency, Commission or Other Waste Management Organization

C/O

Street Address

City

Province/Territory

Postal Code



## Please read before completing

### Purpose of the Survey

This survey collects information that will help Canadians understand the contributions made by the waste management industry to Canada's economy and environment. The results will assist businesses in the industry as well as public policy makers to make sound decisions based on data that apply specifically to the waste management industry. Statistics Canada is also conducting a survey of business sector waste management for 2000. Together these surveys will provide a comprehensive picture of waste management in Canada.

### Confidentiality

Statistics Canada is **prohibited by law** from publishing any statistics which would divulge information obtained from this survey that relates to any identifiable respondent, without their previous written consent. The data reported will be treated in strict confidence and used for statistical purposes only. The confidentiality provisions of the Statistics Act are not affected by the Access to Information Act or any other legislation.

### Authority

This survey is conducted under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19. **Completion of this questionnaire is a legal requirement under the Statistics Act.**

### Inquiries

If you require assistance in completing this questionnaire or if you have any questions or comments regarding this survey, please contact:

**Operations and Integration Division  
Statistics Canada  
Ottawa, Ontario K1A 0T6**

Telephone (toll-free): **1-888-659-8157**  
Fax: **1-800-755-5514**  
Email: **enviro.oid.localgovt@statcan.ca**

In all correspondence concerning this questionnaire, please quote the identification number that appears on the address label.

### Please do not return this form by e-mail.

When completed, please return the diskette or the hard copy form in the envelope provided to : Operations and Integration Division, JT-2-C4, Statistics Canada, Ottawa, Ontario, K1A 0T6

### Reporting Period

**Please report for the calendar year, 2000**

### General Instructions

This survey is intended for the jurisdiction responsible for the operation of a waste management programme.

The term "jurisdiction" is used to represent any government, government agency, or waste management board or commission.

If your jurisdiction is an association of municipalities, an upper tier or a special organization with a mandate to manage waste for a number of lower-tier governments then please respond for the municipalities under your jurisdiction. All references in the questionnaire to your jurisdiction should be interpreted as all municipalities under your jurisdiction. Please provide a list of member municipalities.

If you represent a lower-tier government and you do not maintain statistics on any of the functions covered by this questionnaire, please return this form and indicate in the Comments Section who we may contact to obtain this information.

If your jurisdiction can only report some of the data required, please report the information that you can and indicate in the Comments Section who we might contact to obtain the missing information.

There are 8 sections to this survey. Please answer all sections of this survey unless we advise you to do otherwise.

If your municipality does not collect data in metric tonnes please convert quantities (truck loads, pounds, etc.) to metric tonnes. If you cannot convert, please indicate what measurement you are using.

### Estimate if necessary.

**Ontario respondents only :** The Ontario Ministry of the Environment has requested access to the individual records of Ontario respondents to this survey. This request is being made in an effort to reduce the burden of response imposed on you, the municipal respondent, by this survey and Ontario Ministry of the Environment survey of waste management activities.

Please read and complete the consent form included in this package and return it along with your paper form or diskette.

**IMPORTANT:** If your response for an item is zero, please write "0" in the corresponding box rather than leaving the cell blank. Where a response in dollars is requested, please answer in Canadian Dollars.

### Please return this questionnaire within 30 days of receipt.

If you are unable to do so, kindly inform Operations and Integration Division of the expected completion date.

### Statistics Canada use only

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Ed.	D	M	Y
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Kyd.	D	M	Y
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Bat.			
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Coll.		
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FSC		
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# SECTION 1

## Who are you responding for?

List all municipalities, cities, villages, towns and townships in your jurisdiction for which you are responding as well as the type of information you are providing and the types of services provided by each municipality.

City / Municipality		Financial and employment section	Disposal facilities section	Other sections	Services provided by jurisdiction			
					Collection	Disposal	Diversion	Waste management planning / administration
		(please indicate with an "X")						
Your Jurisdiction	101	102	103	104	105	106	107	108
Municipality # 1	109	110	111	112	113	114	115	116
Municipality # 2	117	118	119	120	121	122	123	124
Municipality # 3	125	126	127	128	129	130	131	132
Municipality # 4	133	134	135	136	137	138	139	140
Municipality # 5	141	142	143	144	145	146	147	148
Municipality # 6	149	150	151	152	153	154	155	156
Municipality # 7	157	158	159	160	161	162	163	164
Municipality # 8	165	166	167	168	169	170	171	172
Municipality # 9	173	174	175	176	177	178	179	180

## SECTION 2

### Collection and Preparation of Waste and Recyclables (including compostables and composting)

2.1 Did this jurisdiction administer a programme to collect waste for disposal in 2000?

<sup>201</sup>  Yes ➤ Go to Question 2.2      <sup>202</sup>  No ➤ Go to Question 2.4

2.2 If yes, who collected the waste? (Check all that apply.)

This jurisdiction's employees

<sup>203</sup>

Contractor(s) hired by this jurisdiction

<sup>204</sup>

(please specify name(s) of contractor(s))

<sup>205</sup> \_\_\_\_\_

<sup>206</sup> \_\_\_\_\_

2.3 Indicate the sources of the waste collected by or on behalf of this jurisdiction.

Residential

Industrial, Commercial and Institutional

Construction and Demolition

(total should equal 100%)

Percentage (Please see guide for information)	
<sup>207</sup>	%
<sup>208</sup>	%
<sup>209</sup>	%
<sup>210</sup>	%

2.4 Did this jurisdiction administer a programme to collect materials for recycling, reuse or composting in 2000?

<sup>211</sup>  Yes ➤ Go to Question 2.5      <sup>212</sup>  No ➤ Go to Question 2.7

2.5 If yes, who collected the materials? (Check all that apply.)

This jurisdiction's employees

<sup>213</sup>

Contractor(s) hired by this jurisdiction

<sup>214</sup>

(please specify name(s) of contractor(s))

<sup>215</sup> \_\_\_\_\_

<sup>216</sup> \_\_\_\_\_

2.6 Indicate the sources of the recyclable materials collected by or on behalf of this jurisdiction.

Residential

Industrial, Commercial and Institutional

Construction and Demolition

(total should equal 100%)

Percentage (Please see guide for information)	
<sup>217</sup>	%
<sup>218</sup>	%
<sup>219</sup>	%
<sup>220</sup>	%

**SECTION 2 - Concluded**

**Collection and Preparation of Waste and Recyclables  
(including compostables and composting) - Concluded**

**2.7** In 2000, was there a municipally or privately operated facility in your jurisdiction that processed compostable materials or prepared materials for recycling? (e.g. MRFs and central composting facilities).

<sup>221</sup>  Yes ➤ Go to Question 2.8

<sup>222</sup>  No ➤ Go to Section 3

**2.8** If yes, please complete the following.

Name or address of facility		Operator of facility		Sources of materials (percentage) <i>(Please see guide for information)</i>			
		Your jurisdiction (check (X) if yes)	Contractor or other municipality (please specify name)	Residential	Non-residential (industrial, commercial and institutional)	Construction and Demolition	<i>(totals should equal 100%)</i>
Facility #1	223	224	225	226	227	228	229
		<input type="radio"/>		%	%	%	%
Facility #2	230	231	232	233	234	235	236
		<input type="radio"/>		%	%	%	%
Facility #3	237	238	239	240	241	242	243
				%	%	%	%

Please list additional facilities in the Comments Section.

For information only

## SECTION 3

### Waste Diversion

#### 3.1 If your jurisdiction administered a programme to collect recyclable materials in 2000 AND/OR

if there was a municipally or privately operated Material Recovery Facility (MRF) in your jurisdiction, please indicate the quantities of materials collected and/or prepared or processed at the facility in 2000. Please exclude compostable materials that were collected or processed but include this information in Question 3.2 below.

Type of material	Quantity collected and delivered to recycling facility (tonnes)	Quantity prepared or processed at the facility (tonnes)
Newsprint, phone books, magazines	301	302
Corrugated cardboard and boxboard	303	304
Mixed paper fibre	305	306
Glass	307	308
Ferrous metals	309	310
Copper	311	312
Aluminum	313	314
Other non-ferrous metals	315	316
Mixed metals	317	318
Plastic	319	320
Construction and demolition waste	321	322
Other (please specify) : <sup>367</sup>	323	324
<b>Totals</b>	325	326

#### 3.2 Composting

In 2000, did your jurisdiction own and/or operate a central composting facility?

<sup>227</sup>  Yes ➤ Please complete the following

<sup>228</sup>  No ➤ Go to Section 4

Name and address of facility	Name of owner, if not self	Year opened	Quantity of materials entering the facility (tonnes)	Quantity of compost / peat produced (tonnes)	Aerobic process? (check (X))	Anaerobic process? (digestion) (check (X))
	330	331	332	333	334 <input type="radio"/>	335 <input type="radio"/>
	337	338	339	340	341 <input type="radio"/>	342 <input type="radio"/>
	344	345	346	347	348 <input type="radio"/>	349 <input type="radio"/>
	351	352	353	354	355 <input type="radio"/>	356 <input type="radio"/>
	358	359	360	361	362 <input type="radio"/>	363 <input type="radio"/>
<b>Totals</b>			364	365		

Please provide information about any additional facilities at the end of questionnaire in comments area. Thank you.

3.3 If your jurisdiction has participated in a backyard composting program, how many backyard composters have been directly distributed by your jurisdiction or through a third party (e.g., a retail outlet) since the start of the programme?

366

## SECTION 4

### Disposal Facilities : Quantities and Types of Waste

4.1 Did your jurisdiction own or operate a disposal facility for non-hazardous waste (landfill or incinerator) in 2000?

<sup>401</sup>  Yes ➤ Complete Sections 4 and 5

<sup>402</sup>  No ➤ Go to Section 6

4.2 For each disposal facility that you operate in 2000, please indicate the name and location (street or highway address), type of facility, type of waste and the amount of waste disposed of in the facility as measured by weigh scales or by providing your best estimate. (Please see Guide for information and definitions)

Name and address of disposal facility	Operator of facility if not self	Type of facility (check (X) one only)		Approximate percentage of waste disposed in facility, by type			Weigh scale present? (check (X) if yes)	Quantity of waste disposed of in the facility in 2000 (tonnes)
		Landfill	Incinerator	Residential	Non-residential (IC&I)	Construction and demolition		
403	404	405 <input type="radio"/>	406 <input type="radio"/>	407 %	408 %	409 %	410 <input type="radio"/>	411
412	413	414 <input type="radio"/>	415 <input type="radio"/>	416 %	417 %	418 %	419 <input type="radio"/>	420
421	422	423 <input type="radio"/>	424 <input type="radio"/>	425 %	426 %	427 %	428 <input type="radio"/>	429
430	431	432 <input type="radio"/>	433 <input type="radio"/>	434 %	435 %	436 %	437 <input type="radio"/>	438
439	440	441 <input type="radio"/>	442 <input type="radio"/>	443 %	444 %	445 %	446 <input type="radio"/>	447
448	449	450 <input type="radio"/>	451 <input type="radio"/>	452 %	453 %	454 %	455 <input type="radio"/>	456
457	458	459 <input type="radio"/>	460 <input type="radio"/>	461 %	462 %	463 %	464 <input type="radio"/>	465
466	467	468 <input type="radio"/>	469 <input type="radio"/>	470 %	471 %	472 %	473 <input type="radio"/>	474
<b>Total waste disposed in all facilities</b>								475

## SECTION 5

### Disposal Facilities : Facility Characteristics

5.1 Please complete the following:

Name of disposal facility	Year opened	Anticipated closure date	Approved capacity (tonnes)	Remaining capacity (tonnes)	Type of liner (check (X))			Is there a leachate capture system in place? (check (X) if yes)
					Clay	Artificial Membrane	Other / Combination	
501	502	503	504	505	506	507	508	509
510	511	512	513	514	515	516	517	518
519	520	521	522	523	524	525	526	527
528	529	530	531	532	533	534	535	536
537	538	539	540	541	542	543	544	545
546	547	548	549	550	551	552	553	554
555	556	557	558	559	560	561	562	563
564	565	566	567	568	569	570	571	572

Please provide information about any additional facilities at the end of questionnaire in Comments Section. Thank you.

### Disposal of Bottom Ash and Contaminated Soil (answer only if you owned or leased a landfill)

5.2 Did your landfill(s) receive bottom ash from solid waste or sewage sludge incineration?

573  Yes ➤

Quantity (tonnes)
575

574  No ➤

Go to Question 5.3

5.3 Did you landfill(s) receive contaminated soil?

576  Yes ➤

Quantity (tonnes)
578

577  No ➤

Go to Section 6

If Yes, was this amount included in your response to question 4.2 ?

579  Yes

580  No ➤

Go to Section 6

## SECTION 6

### Exports and Imports of Non-hazardous Waste for Disposal, Compostable Materials or Recyclable Materials

**6.1 Did your jurisdiction transport waste for disposal or materials for recycling or reuse to another province/territory or country in 2000? Include direct shipments and shipments from transfer stations.**

<sup>601</sup>  Yes ➤ Go to Question 6.2

<sup>602</sup>  No ➤ Go to Question 6.4

**6.2 Check (X) all that apply and indicate quantities transported.**

	check (x) if yes	Quantity of waste for disposal (tonnes)	Quantity of materials for recycling or composting (tonnes)
Transported to a facility in another jurisdiction in your province/territory	<sup>603</sup> <input type="checkbox"/>	<sup>604</sup>	<sup>605</sup>
Transported to a facility in another province/territory	<sup>606</sup> <input type="checkbox"/>	<sup>607</sup>	<sup>608</sup>
Transported to a facility in another country	<sup>609</sup> <input type="checkbox"/>	<sup>610</sup>	<sup>611</sup>
<b>Total waste and recyclable materials exported</b>		<sup>612</sup>	<sup>613</sup>

**6.3 Please identify the names and locations of all facilities (outside of the province/territory that you are reporting for) to which the (above) waste for disposal or materials for recycling or reuse were taken.**

Waste (X)	Name of Facility	Owner	Address
<sup>614</sup> <input type="checkbox"/>	<sup>615</sup>	<sup>616</sup>	<sup>617</sup>
<sup>618</sup> <input type="checkbox"/>	<sup>619</sup>	<sup>620</sup>	<sup>621</sup>
<sup>622</sup> <input type="checkbox"/>	<sup>623</sup>	<sup>624</sup>	<sup>625</sup>
<sup>626</sup> <input type="checkbox"/>	<sup>627</sup>	<sup>628</sup>	<sup>629</sup>

Recycling (X)	Name of Facility	Owner	Address
<sup>630</sup> <input type="checkbox"/>	<sup>631</sup>	<sup>632</sup>	<sup>633</sup>
<sup>634</sup> <input type="checkbox"/>	<sup>635</sup>	<sup>636</sup>	<sup>637</sup>
<sup>638</sup> <input type="checkbox"/>	<sup>639</sup>	<sup>640</sup>	<sup>641</sup>
<sup>642</sup> <input type="checkbox"/>	<sup>643</sup>	<sup>644</sup>	<sup>645</sup>



**SECTION 6 - Concluded**

**Imports of Waste**

**6.4 Was waste from outside your jurisdiction disposed in your jurisdiction's disposal facilities?**

<sup>646</sup>  Yes ➤ *Go to Question 6.5*

<sup>647</sup>  No ➤ *Go to Section 7*

**6.5 Check (X) all that apply and indicate quantities disposed.**

	check (x) if yes	Quantity of waste imported (tonnes)
Waste from another jurisdiction in your province	<sup>648</sup>	<sup>649</sup>
Waste from other provinces/territories disposed of in your facility	<sup>650</sup>	<sup>651</sup>
Waste from other countries disposed of in your facility	<sup>652</sup>	<sup>653</sup>
<b>Total waste imported</b>		<sup>654</sup>

For information only

## SECTION 7

### Financial and Employment information

#### 7.1 Gross Revenues (do not net out expenditures)

Include all gross revenues from waste management services received in 2000 which were not funded by tax revenues and do not net out expenditures

Gross revenues from utility bill payments (for waste management services)	701	\$
Gross revenues from provision of waste management services to businesses on contract	702	\$
Gross revenues from the sale of recyclable materials	703	\$
Gross revenues from disposal fees received	704	\$
Royalties received for hosting a waste disposal facility	705	\$
Grants, interest free loans, federal or provincial non-tax based revenues (including infrastructure or special program grants and loans)	706	\$
Other non-tax revenues for waste management (e.g. sale of bag tags, sale of composters, other user pay revenues)	707	\$
<b>Total gross revenues from waste management services</b>	<b>708</b>	<b>\$</b>

#### 7.2 Current Expenditures

Include all current and administrative gross expenditures in 2000 related to waste management and do not net out revenues

	In-house expenses (e.g., administration and salaries)	Payments to contractors	Payments to other governments	Totals
Collection of waste, recyclables and compostable materials	709	710	711	712 \$
Disposal fees paid to waste disposal facilities	713	714	715	716 \$
Operation of disposal facilities	717	718	719	720 \$
Operation of recycling facilities	721	722	723	724 \$
Operation of composting facilities	725	726	727	728 \$
Other, Specify : <sup>746</sup>	729	730	731	732 \$
<b>Total current expenditures</b>	<b>733 \$</b>	<b>734 \$</b>	<b>735 \$</b>	<b>736 \$</b>

**SECTION 7 - Concluded**

**Financial and Employment information - Concluded**

**7.3 Capital Expenditures**

Report any new (non-amortized) capital expenditures in 2000 according to the target of these expenditures. Include new assets purchased in Canada and all imported assets (new and used).

Collection		737	
		\$	
Disposal facilities		738	
		\$	
Recycling facilities		739	
		\$	
Composting facilities		740	
		\$	
Other	Specify: 743	741	
		\$	
<b>Total capital expenditures</b>		742	
		\$	

**7.4 Employment**

Report the usual number of full-time (30 or more hours per week) and part-time (less than 30 hours per week) employees working in the waste management activities of your jurisdiction in 2000 (do not include contract employees or contractor's employees).

	Number of employees	
	Full-time	Part-time
<b>Total employees</b>	744	745

## SECTION 8

### Certification

8.1 I certify that the information contained in this report is correct and complete to the best of my knowledge.

Signature



Date

Day

Month

Year

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Name of person completing this report

Telephone

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Title of person completing this report

Fax

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Email Address

8.2 Approximately how long did it take you and other employees in your jurisdiction to collect the data and complete this survey?

Hours

801

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8.3 Do you use the **GAP** (Generally Accepted Principles for Calculating Municipal Waste Flows) methodology in the calculation of your waste flows?

802  Yes

803  No

8.4 In the future, would you prefer to receive this survey in an electronic format?

804  Yes

805  No

### Comments

Please provide any comments you may have about this survey (e.g., length, ease of completion, suggestions for future questions, suggestions about the format). Also, please use this space if you wish to provide additional information about your waste management activities.

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If you have any questions, please contact:  
Operations and Integration Division, JT-2-C4,  
Statistics Canada, Ottawa, Ontario, K1A 0T6  
Telephone (toll free) 1-888-659-8157  
Fax: 1-800-755-5514  
Email: [enviro.oid.localgovt@statcan.ca](mailto:enviro.oid.localgovt@statcan.ca)

Please return this  
questionnaire in the  
envelope provided

**THANK YOU FOR YOUR PARTICIPATION IN THIS SURVEY!**