



# Waste Management Industry Survey: Business Sector, 2002

Confidential when completed

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

Français au verso

### Correct as required

Legal name

Operating name

C/O

Address

City

Province/Territory

Postal Code



## Please read before completing

### PURPOSE OF 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 government sector waste management for 2002. 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 either 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): **1-888-659-8229**

Fax: **1-800-755-5514**

Email: **enviro.oid.waste@statcan.ca**

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

### HOW TO COMPLETE THIS QUESTIONNAIRE

Use a black or blue pen

Fill in a circle  OR Enter a number in a box

OR Print in a box

**IMPORTANT:** Please refer to the Guide before answering. 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



Rec			Ed.			Kyd.			Bat			Coll.	FSC
D	M	Y	D	M	Y	D	M	Y					



## SECTION 2

### Collection and preparation of waste and recyclables (including compostables and composting)

2.1 In 2002, did this company collect and/or transport waste for disposal?

- 246  Yes, to transfer station
- 201  Yes, to a disposal facility  Go to Question 2.2
- No  Go to question 2.4

2.2 Report the percentage of this company's revenue from waste collection activities earned from the following:

From residential collection

Percentage  
%

203

From non-residential (IC&I) collection

204

From other collection activities (e.g., private individuals or community associations) <sup>207</sup>  Please specify :

205

**Total should equal 100%**

206

2.3 Indicate the sources of the waste collected by your company  
(Please see Guide for information)

Residential

Percentage  
%

208

Non-residential (IC&I)

209

Construction and Demolition

210

**Total should equal 100%**

211

2.4 In 2002, did this company collect recyclable or compostable materials?

- 212  Yes  Go to Question 2.5
- No  Go to Question 2.7

2.5 Report the percentage of this company's revenue from recyclable material  
(including compostables) collection activities earned from the following:

From residential collection

Percentage  
%

214

From non-residential (IC&I) collection

215

From other collection activities (e.g., private individuals or community associations) <sup>218</sup>  Please specify :

216

**Total should equal 100%**

217

## SECTION 2 - Concluded

### Collection and preparation of waste and recyclables (including compostables and composting)

2.6 Indicate the sources of the recyclable and compostable materials collected by your company.  
(Please see Guide for information)

		Percentage %
Residential	219	<input type="text"/> <input type="text"/> <input type="text"/>
Non-residential (IC&I)	220	<input type="text"/> <input type="text"/> <input type="text"/>
Construction and Demolition	221	<input type="text"/> <input type="text"/> <input type="text"/>
<b>Total should equal 100%</b>	222	<input type="text"/> <input type="text"/> <input type="text"/>

2.7 In 2002, did your company operate a facility (municipally or privately owned) that processed compostable materials or prepared materials for recycling ? (e.g. MRFs and central composting facilities).

223  Yes ➤ Go to Question 2.8  No ➤ Go to Section 3

2.8 If yes, please complete the following.

Name and address of facility	Owner of facility (Please specify name)	Sources of materials (percentage) (Please see Guide for information)			
		Residential	Non-residential (IC&I)	Construction and demolition	Totals (should equal 100%)
		Percentage %	Percentage %	Percentage %	%
225 <input type="text"/> <input type="text"/>	227 <input type="text"/> <input type="text"/>	228 <input type="text"/> <input type="text"/>	229 <input type="text"/> <input type="text"/>	230 <input type="text"/> <input type="text"/>	231 <input type="text"/> <input type="text"/>
232 <input type="text"/> <input type="text"/>	234 <input type="text"/> <input type="text"/>	235 <input type="text"/> <input type="text"/>	236 <input type="text"/> <input type="text"/>	237 <input type="text"/> <input type="text"/>	238 <input type="text"/> <input type="text"/>
239 <input type="text"/> <input type="text"/>	241 <input type="text"/> <input type="text"/>	242 <input type="text"/> <input type="text"/>	243 <input type="text"/> <input type="text"/>	244 <input type="text"/> <input type="text"/>	245 <input type="text"/> <input type="text"/>

Please list additional facilities in the Comments Section (Section 8).

## SECTION 3

### Waste diversion

#### 3.1 If your company collected recyclables

AND/OR

if your company owned and/or operated a Material Recovery Facility (MRF), or recycled material was sorted on site (at a disposal facility or transfer station), please indicate the quantities of materials collected and/or prepared or processed at the facility in 2002.

Please exclude compostable materials that were collected or processed but include this information in Question 3.2. If your company did not perform these activities, please go to Section 4.

Type of material	Quantity collected and delivered to recycling facility (tonnes)	Quantity prepared or processed at the facility (tonnes)
	301	314
Newsprint, phone books, magazines	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Corrugated cardboard and boxboard	302	315
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Mixed paper fibre	303	316
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Glass	304	317
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Ferrous metals	305	318
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Copper	306	319
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Aluminum	307	320
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Other non-ferrous metals	308	321
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Mixed metals	309	322
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Plastic	310	323
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Mixed construction and demolition waste	311	324
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Other (Please specify): <sup>366</sup> <input type="text"/>	312	325
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<b>Totals</b>	313	326
	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

## SECTION 3 - Concluded

### Waste diversion

#### 3.2 Composting

In 2002, did your company own and/or operate a central composting facility?

<sup>327</sup>  Yes ➤ Please complete the following

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? (If yes fill in circle)	Anaerobic process? (digestion) (If yes fill in circle)
329 <input type="text"/> <input type="text"/>	330 <input type="text"/> <input type="text"/>	331 <input type="text"/>	332 <input type="text"/>	333 <input type="text"/>	334 <input type="radio"/>	335 <input type="radio"/>
336 <input type="text"/> <input type="text"/>	337 <input type="text"/> <input type="text"/>	338 <input type="text"/>	339 <input type="text"/>	340 <input type="text"/>	341 <input type="radio"/>	342 <input type="radio"/>
343 <input type="text"/> <input type="text"/>	344 <input type="text"/> <input type="text"/>	345 <input type="text"/>	346 <input type="text"/>	347 <input type="text"/>	348 <input type="radio"/>	349 <input type="radio"/>
350 <input type="text"/> <input type="text"/>	351 <input type="text"/> <input type="text"/>	352 <input type="text"/>	353 <input type="text"/>	354 <input type="text"/>	355 <input type="radio"/>	356 <input type="radio"/>
<b>Totals</b>			364 <input type="text"/>	365 <input type="text"/>		

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

## SECTION 4

### Disposal facilities : quantities and types of waste

4.1 Did this company own or operate a disposal facility or transfer station for non-hazardous waste in 2002?

401  Yes ➤ Go to Question 4.2

No ➤ Go to Section 5

4.2 For each disposal facility or transfer station that you operated in the province/territory in 2002, indicate the name and location (street or highway address), type of facility and the sources and 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	Owner of this facility if not self	Please indicate type of facility as Landfill (LF), Incinerator (IN), or Transfer station (TS) (fill in one only)	Approximate percentage of total waste disposed in facility, by source			Weigh scale present? (If yes fill in circle)	Quantity of waste disposed of in the facility in 2002  (tonnes)
			Residential	Non-residential (C&I)	Construction and Demolition		
403	404	405	407	408	409	410	411
						<input type="radio"/>	
412	413	414	416	417	418	419	420
						<input type="radio"/>	
421	422	423	425	426	427	428	429
						<input type="radio"/>	
430	431	432	434	435	436	437	438
						<input type="radio"/>	
439	440	441	443	444	445	446	447
						<input type="radio"/>	
448	449	450	452	453	454	455	456
						<input type="radio"/>	
457	458	459	461	462	463	464	465
						<input type="radio"/>	
466	467	468	470	471	472	473	474
						<input type="radio"/>	
<b>Total waste disposed in facilities</b>							475

## SECTION 4 - Concluded

### Disposal facilities : quantities and types of waste

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

573  Yes ➤

Quantity (tonnes)	
575	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

No ➤ Go to Question 4.4

4.4 Did your landfill(s) receive contaminated soil?

576  Yes ➤

Quantity (tonnes)	
578	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

No ➤ Go to Question 4.5

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

579  Yes  No ➤ Go to Question 4.5

4.5 Did you collect and combust landfill gas (e.g. methane) at a landfill owned or operated by your company?

476  Yes  No ➤ Go to Section 5



## SECTION 5

### Exports and imports of non-hazardous waste for disposal, compostable materials or recyclable materials

5.1 Did your company transport waste for disposal or materials for recycling or reuse to another province/territory or country in 2002? Include direct shipments and shipments from transfer stations.

601  Yes ➤ Go to Question 5.2

No ➤ Go to Question 5.4

5.2 Check all that apply and indicate quantities transported.

	(If yes, fill in circle)	Quantity of waste for disposal (tonnes)	Quantity of materials for recycling or composting (tonnes)
Transported to a facility in another province/territory	606 <input type="radio"/>	607 <input type="text"/>	608 <input type="text"/>
Transported to a facility in another country	609 <input type="radio"/>	610 <input type="text"/>	611 <input type="text"/>
<b>Total waste and recyclable materials exported</b>		612 <input type="text"/>	613 <input type="text"/>

5.3 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 (fill in circle)	Name of Facility	Owner	Address
614 <input type="radio"/>	615 <input type="text"/>	616 <input type="text"/>	617 <input type="text"/>
618 <input type="radio"/>	619 <input type="text"/>	620 <input type="text"/>	621 <input type="text"/>
622 <input type="radio"/>	623 <input type="text"/>	624 <input type="text"/>	625 <input type="text"/>
626 <input type="radio"/>	627 <input type="text"/>	628 <input type="text"/>	629 <input type="text"/>

Recycling (fill in circle)	Name of Facility	Owner	Address
630 <input type="radio"/>	631 <input type="text"/>	632 <input type="text"/>	633 <input type="text"/>
634 <input type="radio"/>	635 <input type="text"/>	636 <input type="text"/>	637 <input type="text"/>
638 <input type="radio"/>	639 <input type="text"/>	640 <input type="text"/>	641 <input type="text"/>
642 <input type="radio"/>	643 <input type="text"/>	644 <input type="text"/>	645 <input type="text"/>

**SECTION 5 - Concluded**

**Exports and imports of non-hazardous waste for disposal, compostable materials or recyclable materials**

5.4 Was waste from outside this province/territory disposed in this company's disposal facilities?

646  Yes ➤ Go to Question 5.5       No ➤ Go to Section 6

5.5 Fill in all that apply and indicate quantities disposed.

	(If yes, fill in circle)	Quantity of waste imported (tonnes)
Waste from other provinces/territories disposed of in your facilities	650 <input type="radio"/>	651 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Waste from other countries disposed of in your facilities	652 <input type="radio"/>	653 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<b>Total waste imported</b>		654 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

For information only

## SECTION 6

### Hazardous waste treatment and disposal

6.1 Did this company operate a facility(ies) to treat, incinerate or landfill (or otherwise contain) hazardous waste in 2002?

701  Yes ➤ Go to Question 6.2

No ➤ Go to Section 7

6.2 Did this company:

Own or lease the facility(ies)

703  Yes  No

Operate the facility(ies) for another owner ?

705  Yes  No

6.3 What quantity of hazardous waste did this company treat or dispose of in 2002?

(tonnes)

707

6.4 Of the total in Question 6.3, please indicate the percentage of materials treated or disposed, by type.

Percentage  
%

Organic solvents, solutions and still bottoms

708

Oils and greases, oily mixtures and residues

709

Heavy metal solutions and residues

710

Inorganic sludges, solutions and residues

711

Pesticide and herbicide wastes

712

PCB wastes

713

Other (miscellaneous chemicals, paint, biomedical waste, etc.)

714

**Total should equal 100%**

715

6.5 Did your company recover recyclable materials (e.g., mercury, oils, lead, nickel) from these operations?

716  Yes ➤ Go to Question 6.6

No ➤ Go to Section 7

6.6 If yes, what quantity of recyclable materials did this company recover?

(tonnes)

718

## SECTION 7

### Financial and employment information

#### 7.1 Gross Operating Revenues

Indicate this company's 2002 gross revenues (to the nearest dollar) from the provision of each of the following services.

Collection of waste for disposal

Dollars \$				
801	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
802	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
803	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
804	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
805	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
806	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
807	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
808	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
809	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
810	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
811	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Collection of materials for recycling or reuse

Operation of a waste transfer facility

Preparing materials for recycling (e.g., operation of a MRF or composting facility)

Operation of a non-hazardous waste disposal facility (e.g., landfill or incinerator)  
(include disposal fees received)

Operation of a hazardous waste treatment, containment, incineration or disposal facility  
(include disposal fees received)

Sewage treatment/containment

Other waste management revenues  
(e.g., consulting, brokerage fees)

Specify: <sup>812</sup>

Sale of recovered materials

Other non-waste management revenues

Specify: <sup>813</sup>

**Total revenues from all activities**

#### 7.2 Gross Operating Expenses

Please report this company's 2002 gross operating expenses (to the nearest dollar).

Wages and salaries

Employer contributions to pension, medical and unemployment insurance plans, etc.

Fuel and electricity

Other materials and supplies

Maintenance and repairs

Depreciation

Fees paid for waste disposal (e.g., tipping fees)

Operating licenses and permits

Purchased services (e.g. contractors, consultants)

Overhead and administration

Other

Specify: <sup>824</sup>

**Total operating expenses**

Dollars \$				
814	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
815	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
816	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
817	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
818	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
819	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
820	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
821	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
834	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
835	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
822	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
823	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

## SECTION 7 - Concluded

### Financial and employment information

#### 7.3 Capital Expenditures

Report this company's 2002 capital expenditures (to the nearest dollar). Include new (non-amortized) and used assets purchased in Canada and all imported assets (new and used).

Vehicles

Dollars \$			
825	<input type="text"/>	<input type="text"/>	<input type="text"/>

All other machinery and equipment

826	<input type="text"/>	<input type="text"/>	<input type="text"/>
-----	----------------------	----------------------	----------------------

Construction and refurbishing of facilities (excluding residences)

827	<input type="text"/>	<input type="text"/>	<input type="text"/>
-----	----------------------	----------------------	----------------------

Maintenance and repairs of new and used assets

828	<input type="text"/>	<input type="text"/>	<input type="text"/>
-----	----------------------	----------------------	----------------------

Other

Specify:

831

829	<input type="text"/>	<input type="text"/>	<input type="text"/>
-----	----------------------	----------------------	----------------------

**Total capital expenditures**

830	<input type="text"/>	<input type="text"/>	<input type="text"/>
-----	----------------------	----------------------	----------------------

#### 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 for this company. Do not include contract employees or sub-contractor's employees.

**Total employees**

Number of employees	
Full-time	Part-time
832 <input type="text"/>	833 <input type="text"/>

## 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	

Name of person completing this report

Telephone

Title of person completing this report

Fax

Email address

Web site address

8.2 Approximately how long did it take to collect the data and complete this survey?

901

Hours

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

902

Yes

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 or attach additional documentation if you wish to provide additional information about your waste management activities.

If you have any questions, please contact:  
Operations and Integration Division, JT-2-C4,  
Statistics Canada, Ottawa, Ontario, K1A 0T6  
Telephone (toll free) 1-888-659-8229  
Fax: 1-800-755-5514  
Email: [enviro.oid.waste@statcan.ca](mailto:enviro.oid.waste@statcan.ca)

Please return this  
questionnaire in the  
envelope provided

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