# Waste Management and Remediation Services: 2002

Issued September 2004

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# **2002 Economic Census** Administrative and Support and Waste Management and Remediation Services **Industry Series**



Helping You Make Informed Decisions

U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU



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## **2002 Economic Census**

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**Industry Series** 





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-- Not applicable for this report.

# Introduction to the Economic Census

#### PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the nation's economy. It provides essential information for government, business, industry, and the general public. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in "2" and "7."

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product estimates, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions. Specific uses of economic census data include the following:

- Policymaking agencies of the federal government use the data to monitor economic activity and to assess the effectiveness of policies.
- State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.
- Trade associations study trends in their own and competing industries, which allows them to keep their members informed of market changes.
- Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

#### INDUSTRY CLASSIFICATIONS

Data from the 2002 Economic Census are published primarily according to the 2002 North American Industry Classification System (NAICS). NAICS was first adopted in the United States, Canada, and Mexico in 1997. The 2002 Economic Census covers the following NAICS sectors:

21	Mining
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), largely covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 100 subsectors (three-digit codes), 317 industry groups (four-digit codes), and, as implemented in the United States, 1,179 industries (six-digit codes).

#### RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

Prior to the 1997 Economic Census, data were published according to the Standard Industrial Classification (SIC) system. While many of the individual NAICS industries correspond directly to industries as defined under the SIC system, most of the higher level groupings do not. Particular care should be taken in comparing data for retail trade, wholesale trade, and manufacturing, which are sector titles used in both NAICS and SIC, but cover somewhat different groups of industries. The 1997 Economic Census *Bridge Between NAICS and SIC* demonstrates the relationships between NAICS and SIC industries. Where changes are significant, it may not be possible to construct time series that include data for points both before and after 1997.

Most industry classifications remained unchanged between 1997 and 2002, but NAICS 2002 includes substantial revisions within the construction and wholesale trade sectors, and a number of revisions for the retail trade and information sectors. These changes are noted in industry definitions and will be demonstrated in the *Bridge Between NAICS 2002 and NAICS 1997*.

For 2002, data for enterprise support establishments (those functioning primarily to support the activities of their company's operating establishments, such as a warehouse or a research and development laboratory) are included in the industry that reflects their activities (such as warehousing). For 1997, such establishments were termed auxiliaries and were excluded from industry totals.

#### **BASIS OF REPORTING**

The economic census is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each store, factory, shop, or other location. Each establishment is assigned a separate industry classification based on its primary activity and not that of its parent company. (For selected industries, only payroll, employment, and classification are collected for individual establishments, while other data are collected on a consolidated basis.)

#### **GEOGRAPHIC AREA CODING**

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for states, metropolitan and micropolitan statistical areas, counties, and corporate municipalities (places) including cities, towns, townships, villages, and boroughs. Respondents were required to report their physical location (street address, municipality, county, and state) if it differed from their mailing address. For establishments not surveyed by mail (and those single-establishment companies that did not provide acceptable information on physical location), location information from administrative sources is used as a basis for coding.

#### **AVAILABILITY OF ADDITIONAL DATA**

All results of the 2002 Economic Census are available on the Census Bureau Internet site (www.census.gov) and on digital versatile discs (DVD-ROMs) for sale by the Census Bureau. The American FactFinder system at the Internet site allows selective retrieval and downloading of the data. For more information, including a description of reports being issued, see the Internet site, write to the U.S. Census Bureau, Washington, DC 20233-6100, or call Customer Services at 301-763-4100.

#### HISTORICAL INFORMATION

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1954, 1958, and 1963. Prior to that time, individual components of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart

from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some service trades in 1933. Censuses of construction, manufacturing, and the other business censuses were suspended during World War II.

The 1954 Economic Census was the first census to be fully integrated, providing comparable census data across economic sectors and using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census report forms.

The range of industries covered in the economic census expanded between 1967 and 2002. The census of construction industries began on a regular basis in 1967, and the scope of service industries, introduced in 1933, was broadened in 1967, 1977, and 1987. While a few transportation industries were covered as early as 1963, it was not until 1992 that the census broadened to include all of transportation, communications, and utilities. Also new for 1992 was coverage of financial, insurance, and real estate industries. With these additions, the economic census and the separate census of governments and census of agriculture collectively covered roughly 98 percent of all economic activity. New for 2002 is coverage of four industries classified in the agriculture, forestry, and fishing sector under the SIC system: landscape architectural services, landscaping services, veterinary services, and pet care services.

Printed statistical reports from the 1992 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. Reports for 1997 were published primarily on the Internet and copies of 1992 reports are also available there. CD-ROMs issued from the 1987, 1992, and 1997 Economic Censuses contain databases that include all or nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

#### **SOURCES FOR MORE INFORMATION**

More information about the scope, coverage, classification system, data items, and publications for the 2002 Economic Census and related surveys is published in the *Guide to the 2002 Economic Census* at www.census.gov/econ/census02/guide. More information on the methodology, procedures, and history of the census will be published in the *History of the 2002 Economic Census* at www.census.gov/econ/www/history.html.

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# Administrative and Support and Waste Management and Remediation Services

#### **SCOPE**

The Administrative and Support and Waste Management and Remediation Services sector (sector 56) comprises establishments performing routine support activities for the day-to-day operations of other organizations. These essential activities are often undertaken in-house by establishments in many sectors of the economy. The establishments in this sector specialize in one or more of these support activities and provide these services to clients in a variety of industries and, in some cases, to households. Activities performed include: office administration, hiring and placing of personnel, document preparation and similar clerical services, solicitation, collection, security and surveillance services, cleaning, and waste disposal services.

The administrative and management activities performed by establishments in this sector are typically on a contract or fee basis. These activities may also be performed by establishments that are part of the company or enterprise. However, establishments involved in administering, overseeing, and managing other establishments of the company or enterprise, are classified in Sector 55, Management of Companies and Enterprises. These establishments normally undertake the strategic and organizational planning and decision making role of the company or enterprise. Government establishments engaged in administering, overseeing, and managing governmental programs are classified in Sector 92, Public Administration.

Many of the "kinds of business" included in this sector are not thought of as commercial businesses and the terms (such as "business," "establishment," and "firm") used to describe them may not be descriptive of such services. However, these terms are applied to all "kinds of business" in order to maintain conformity in the measures of the production and delivery of goods and services and in the presentation of data.

**Exclusions.** The tabulations for this sector do not include central administrative offices, warehouses, or other establishments that serve administrative and support and waste management and remediation service establishments within the same organization. Data for such establishments are classified according to the nature of the service they provide. For example, separate headquarters establishments are reported in NAICS sector 55, Management of Companies and Enterprises.

The reports described below exclude establishments of firms with no paid employees. These "nonemployers," typically self-employed individuals or partnerships operating businesses that they have not chosen to incorporate, are reported separately in Nonemployer Statistics. The contribution of nonemployers, relatively large for this sector, may be examined at www.census.gov/nonemployerimpact.

**Definitions.** Industry categories are defined in Appendix B, NAICS Codes, Titles, and Descriptions. Other terms are defined in Appendix A, Explanation of Terms.

#### REPORTS

The following reports provide statistics on this sector.

Industry Series. There are nine reports, each covering a group of related industries. The reports present, by kind of business for the United States, general statistics for establishments of firms with payroll on number of establishments, receipts, payroll, and employment; comparative statistics for 2002 and 1997; product lines; and concentration of business activity in the largest firms. The data in industry reports are preliminary and subject to change in the following reports.

**Geographic Area Series.** There is a separate report for each state, the District of Columbia, and the United States. Each state report presents, for establishments of firms with payroll, general statistics on number of establishments, receipts, expenses of tax-exempt establishments, payroll, and employment by kind of business for the state, metropolitan and micropolitan statistical areas, counties, and places with 2,500 inhabitants or more. Greater kind-of-business detail is shown for larger areas. The United States report presents data for the United States as a whole for detailed kind-of-business classifications.

#### **Subject Series:**

- **Product Lines.** This report presents product lines data for establishments of firms with payroll by kind of business. Data are presented for the United States and states.
- Establishment and Firm Size (Including Legal Form of Organization). This report presents receipts/revenue, payroll, and employment data for the United States by receipts/revenue size, by employment size, and by legal form of organization for establishments of firms with payroll; and by receipts/revenue size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits) for firms with payroll.
- **Miscellaneous Subjects.** This report presents data for a variety of industry-specific topics for establishments of firms with payroll. Presentation of data varies by kind of business.

**ZIP Code Statistics.** This report presents data for establishments of firms with payroll by United States ZIP Code.

**Other reports.** Data for this sector are also included in reports with multisector coverage, including *Nonemployer Statistics, Comparative Statistics, Bridge Between 2002 NAICS and 1997 NAICS, Business Expenses*, and the Survey of Business Owners reports.

#### **GEOGRAPHIC AREAS COVERED**

The level of geographic detail varies by report. Maps are available at www.census.gov/econ2002maps. Notes specific to areas in the state are included in Appendix D, Geographic Notes. Data may be presented for –

- 1. The United States as a whole.
- 2. States and the District of Columbia.
- 3. Metropolitan and micropolitan statistical areas. A core based statistical area (CBSA) contains a core area with a substantial population nucleus, together with adjacent communities having a high degree of social and economic integration with that core. CBSAs are differentiated into metropolitan and micropolitan statistical areas based on size criteria. Both metropolitan and micropolitan statistical areas are defined in terms of entire counties, and are listed in Appendix E, Metropolitan and Micropolitan Statistical Areas.
  - a. Metropolitan Statistical Areas (metro areas). Metro areas have at least one urbanized area of 50,000 or more population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
  - b. Micropolitan Statistical Areas (micro areas). Micro areas have at least one urban cluster of at least 10,000, but less than 50,000 population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
  - c. Metropolitan Divisions (metro divisions). If specified criteria are met, a metro area containing a single core with a population of 2.5 million or more may be subdivided to form smaller groupings of counties referred to as Metropolitan Divisions.
  - d. Combined Statistical Areas (combined areas). If specified criteria are met, adjacent metro and micro areas, in various combinations, may become the components of a new set of areas called Combined Statistical Areas. The areas that combine retain their own designations as metro or micro areas within the larger combined area.

4. Counties and county equivalents defined as of January 1, 2002. Counties are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs, census areas, and city and boroughs. Maryland, Missouri, Nevada, and Virginia have one place or more that is independent of any county organization and constitutes primary divisions of their states. These places are treated as counties and as places.

#### 5. Economic places.

- a. Municipalities of 2,500 inhabitants or more defined as of January 1, 2002. These are areas of significant population incorporated as cities, boroughs, villages, or towns according to the 2000 Census of Population. For the economic census, boroughs, census areas, and city and boroughs in Alaska and boroughs in New York are not included in this category.
- b. Consolidated cities defined as of January 1, 2002. Consolidated cities are consolidated governments that consist of separately incorporated municipalities.
- c. Townships in Michigan, New Jersey, and Pennsylvania, and towns in New York, Wisconsin, and the six New England states with 10,000 inhabitants or more (according to the 2000 Census of Population).
- d. Balance of county. Areas outside the entities listed above, including incorporated municipalities with populations of fewer than 2,500, towns and townships not qualifying as noted above, and the remainders of counties outside places are categorized as "Balance of county."

#### **DOLLAR VALUES**

All dollar values presented are expressed in current dollars; i.e., 2002 data are expressed in 2002 dollars, and 1997 data, in 1997 dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

#### **COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES**

Both the 2002 Economic Census and the 1997 Economic Census present data based on the North American Industry Classification System (NAICS). However, for 2002, data for NAICS 56173, Landscaping Services, are included. This NAICS industry was out of scope in 1997.

These tables for 2002 include administrative support and waste management and remediation service establishments that primarily serve other establishments of the same enterprise. These "enterprise support" establishments were not included in data for the administrative and support and waste management and remediation services sector in 1997, but were instead included in the "Other auxiliary establishments" kind-of-business category in the "Auxiliaries, Excluding Corporate, Subsidiary, and Regional Managing Offices" reports.

#### **RELIABILITY OF DATA**

All data compiled for this sector are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, processing, and estimation for missing or misreported data. Data presented in the Miscellaneous Subjects and Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data, as by the percentages shown in the tables. Precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors. More information on the reliability of the data is included in Appendix C, Methodology.

#### **DISCLOSURE**

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

#### AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

The Census Bureau conducts the Service Annual Survey (SAS) each year. This survey, while providing more frequent observations, yields less kind-of-business and geographic detail than the economic census. In addition, the County Business Patterns program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county, and Statistics of U.S. Businesses program provides annual statistics classified by the employment size of the enterprise, further classified by industry for the United States, and by broader categories for states and metropolitan areas.

#### **CONTACTS FOR DATA USERS**

Questions about these data may be directed to the U.S. Census Bureau, Service Sector Statistics Division, Service Census Branch, 1-800-541-8345 or scb@census.gov.

#### ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

- D Withheld to avoid disclosing data of individual companies; data are included in higher level totals
- Not available or not comparable Ν
- S Withheld because estimates did not meet publication standards
- Χ Not applicable
- Ζ Less than half the unit shown
- 0 to 19 employees a
- b 20 to 99 employees
- 100 to 249 employees C
- 250 to 499 employees e
- f 500 to 999 employees
- 1,000 to 2,499 employees g
- 2,500 to 4,999 employees h
- 5,000 to 9,999 employees i.
- 10,000 to 24,999 employees k 25,000 to 49,999 employees
- ı 50,000 to 99,999 employees
- 100,000 employees or more m
- Revised r
- Represents zero (page image/print only)
- (CC) Consolidated city
- (IC) Independent city

## Table 1. Summary Statistics for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

						Paid	Percent of	receipts-
2002 NAICS code	Kind of business	Estab- lishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	employees for pay period including March 12 (number)	From admini- strative records <sup>1</sup>	Estimated <sup>2</sup>
562	Waste management and remediation services	18 405	51 213 352	12 178 484	2 894 861	331 042	10.7	13.8
5621	Waste collection Waste collection Solid waste collection Hazardous waste collection Other waste collection	8 543	28 334 569	6 450 439	1 532 648	173 393	9.1	11.6
56211		8 543	28 334 569	6 450 439	1 532 648	173 393	9.1	11.6
562111		7 483	26 528 086	5 888 838	1 407 664	158 188	8.8	10.7
562112		488	1 407 592	402 165	89 113	10 196	9.9	19.0
562119		572	398 891	159 436	35 871	5 009	24.4	45.8
5622	Waste treatment and disposal Waste treatment and disposal Hazardous waste treatment and disposal Solid waste landfill Solid waste combustors and incinerators Other nonhazardous waste treatment and disposal	2 516	10 699 956	2 108 511	512 899	49 824	7.1	19.5
56221		2 516	10 699 956	2 108 511	512 899	49 824	7.1	19.5
562211		696	3 466 331	984 554	235 944	21 566	5.5	17.2
562212		1 504	5 339 476	792 535	196 573	21 266	9.2	20.5
562213		117	1 310 772	186 271	46 312	3 319	1.0	14.5
562219		199	583 377	145 151	34 070	3 673	9.7	36.2
5629	Remediation and other waste management services	7 346	12 178 827	3 619 534	849 314	107 825	17.5	13.9
56291		2 748	7 539 522	2 302 993	540 350	63 614	14.7	12.4
562910		2 748	7 539 522	2 302 993	540 350	63 614	14.7	12.4
56292	Materials recovery facility Materials recovery facility	938	1 834 825	409 141	100 015	14 752	17.2	18.4
562920		938	1 834 825	409 141	100 015	14 752	17.2	18.4
56299	All other waste management services. Septic tank and related services All other miscellaneous waste management services	3 660	2 804 480	907 400	208 949	29 459	25.2	15.0
562991		2 906	1 966 642	603 091	135 094	20 291	30.4	18.2
562998		754	837 838	304 309	73 855	9 168	13.0	7.6

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

<sup>&</sup>lt;sup>1</sup>Includes receipts information obtained from administrative records of other federal agencies. <sup>2</sup>Includes receipts information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

# Table 2. Comparative Statistics for the United States (1997 NAICS Basis): 2002 and 1997

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 and 1997 Economic Censuses. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

1997 NAICS code	Kind of business	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
562	Waste management and remediation services	18 405 16 368	51 213 352 39 345 605	12 178 484 8 898 908	331 042 280 708
5621	Waste collection	8 543	28 334 569	6 450 439	173 393
56211	1997   Waste collection	8 324 8 543	20 144 673 28 334 569	4 565 955 6 450 439	152 744 173 393
562111	1997   Solid waste collection	8 324 7 483	20 144 673 26 528 086 18 211 495	4 565 955 5 888 838 4 048 032	152 744 158 188 137 049
562112	1997   Hazardous waste collection	7 083 488 414	1 407 592 1 095 553	4 048 032 402 165 317 464	10 196 8 468
562119	Other waste collection	572 827	398 891 837 625	159 436 200 459	5 009 7 227
5622	Waste treatment and disposal	2 516	10 699 956	2 108 511	49 824
56221	Waste treatment and disposal	2 314 2 516	10 250 994 10 699 956	1 933 074 2 108 511	53 328 49 824
562211	Hazardous waste treatment and disposal	2 314 696	10 250 994 3 466 331	1 933 074 984 554	53 328 21 566
562212	1997   Solid waste landfill	512 1 504	2 877 982 5 339 476 5 493 433	745 133 792 535	17 816 21 266 27 454
562213	Solid waste combustors and incinerators	1 403 117 105	1 310 772	887 078 186 271	3 319
562219	Other nonhazardous waste treatment and disposal	199 294	1 128 551 583 377 751 028	132 592 145 151 168 271	2 976 3 673 5 082
5629	Remediation and other waste management services	7 346	12 178 827	3 619 534	107 825
56291	1997	5 730 2 748 1 677	8 949 938 7 539 522 5 689 662	2 399 879 2 302 993 1 500 362	74 636 63 614 40 994
562910	Remediation services	2 748 1 677	7 539 522 5 689 662	2 302 993 1 500 362	63 614 40 994
56292	Materials recovery facility	938 765	1 834 825 1 299 033	409 141 283 476	14 752 10 846
562920	Materials recovery facility	938 765	1 834 825 1 299 033	409 141 283 476	10 846 14 752 10 846
56299	All other waste management services	3 660 3 288	2 804 480 1 961 243	907 400 616 041	29 459 22 796
562991	Septic tank and related services	2 906 3 101	1 961 243 1 966 642 1 580 843	603 091 513 966	22 796 20 291 19 977
562998	All other miscellaneous waste management services	754 187	837 838 380 400	304 309 102 075	9 168 2 819

Note: The data in this table are based on the 2002 and 1997 Economic Censuses. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

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				ts with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
562		Waste management and remediation services	18 405	x	51 213 352	x	100.0	64.3
	36040 38300 38301	Environmental consulting services	334 235	1 018 180 1 354 448	41 853 577 787	4.1 42.7	.1 1.1	X 41.7
	38302	facilities	125	885 489	227 518	25.7	.4	Х
	38303	facilities  Closure services for nonhazardous waste disposal facilities	54 103	100 413 478 819	6 932 343 337	6.9 71.7	Z .7	X
	38350 38360 38370 38380	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	184 738 163 402	1 065 029 5 686 572 484 935 1 133 664	53 138 429 632 5 454 39 974	5.0 7.6 1.1 3.5	.1 .8 Z .1	X X X X X
	38390 38400	Nonhazardous waste to energy generation	135 54	1 472 616 49 170	455 625 1 476	30.9 3.0	.9 Z	×
	38410 38420	All other nonhazardous waste management services	308 748	1 616 837 2 110 133	107 176 702 441	6.6 33.3	.2 1.4	63.9
	38421 38422	Subcontracted hazardous waste collection services	246 475	675 906 1 429 207	67 727 548 246	10.0 38.4	.1 1.1	63.9 X X
	38423	Hazardous waste removal from holding facilities, including testing and	166	673 317	86 468	12.8	.2	×
	38430	Cleaning						^
	38440 38441 38442	disposal Hazardous waste disposal services by confinement Landfilling Other, including deep well storage and above ground containment	358 253 198 75	2 122 113 1 659 468 1 145 313 567 898	506 462 785 150 281 559 503 591	23.9 47.3 24.6 88.7	1.0 1.5 .6 1.0	X 57.5 X X
	38450	Hazardous waste disposal services by other method other than	71	545 179	293 135	53.8	.6	~
	38460 38461	confinement Hazardous waste disposal facilities, maintenance and closure Hazardous waste maintenance services for open disposal facilities,	75	124 124	38 984	31.4	.1	X 33.2
	38462	including monitoring	21	44 297	17 331	39.1	Z	X
	38463	including monitoring	25 21	12 590 34 485	8 826 4 145	70.1 12.0	Z Z	X
	38470	Hazardous waste and recyclable material consolidation, storage and	267	1 648 124	341 722	20.7	.7	62.4
	38471 38472	preparation services Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation	225	1 441 694	249 298	17.3	.5	62.4 X
	00472	services	108	1 058 128	92 424	8.7	.2	X
	38480 38481	Hazardous waste treatment services	664 89	3 304 729 895 110	1 949 792 94 154	59.0 10.5	3.8	62.8 X
	38482 38483	Oils, greases, oily mixtures, and residues	112 98	1 077 244 957 829	61 287 97 175	5.7 10.1	.1 .2	X X X X X X X X
	38484 38485	Inorganic sludges, solutions, and residues, excluding heavy metals	71 30	441 058 119 330	67 023 1 823	15.2 1.5	.1	, ,
	38486	Pesticide, herbicide, and fungicide waste Polychlorinated biphenyls (PCB) waste Biological infectious waste	79	734 710	21 633	2.9	Z	}
	38487 38488	Radioactive waste	341 33	679 093 1 210 860	609 009 942 302	89.7 77.8	1.2 1.8	)
	38489 38491	Used tires	15 39	71 662 126 105	2 000 2 409	2.8 1.9	Z Z	>
	38492	Other hazardous waste	86	155 300	50 977	32.8	.1	
	38510 38520	Sale or brokerage of hazardous waste	119 45	209 226 708 798	40 188 6 123	19.2	.1 Z	X X X
	38530 38540	Sale of new or used hazardous waste management equipment	20 18	28 183 68 847	2 213 2 023	7.9 2.9	Z Z	X
	38550 38560	Hazardous waste to energy generation	20 51	156 373 110 638	32 468 2 031	20.8 1.8	Z .1 Z Z	>
	38570 38630	All other hazardous waste management services	91 1 717	134 319 4 068 652	5 951 2 529 178	4.4 62.2	Z 4.9	60.3
	38631	Asbestos contamination	1 483	3 771 458	2 008 476	53.3	3.9	) )
	38632 38633	Lead paint contamination	936 29	2 095 409 621 162	205 332 58 204	9.8 9.4	.4 .1	X X X 60.3 X X X X
	38634 38640	Other contamination	550 113	1 109 337 208 047	257 166 10 368	23.2 5.0	.5 Z	
	38650 38670	Environmental emergency response services including planning Other remediation services	603 246	1 985 108 505 001	379 081 229 236	19.1 45.4	.7 .4	X X X
	38680	Other products related to remediation, including sale and rental or leasing of remediation equipment	155	1 469 476	1 269 942	86.4	2.5	X
	38710	Subcontracted collection services of nonhazardous waste and recyclable material.	1 811	3 860 377	1 678 322	43.5	3.3	X
	38720	Nonhazardous waste and recyclable material collection services, residential	5 319	21 475 058	7 850 610	36.6	15.3	63.6
	38721 38722 38723	Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential Nonhazardous waste and recyclable material collection services, presorted, residential	4 889 1 495 573	19 657 345 10 417 540 3 154 030	6 440 451 665 338 744 821	32.8 6.4 23.6	12.6 1.3	X
	38730	Nonhazardous waste and recyclable material collection services, non-	3,5	3 10 - 300	744 021	20.0	1.5	^
	38731	residential	5 707 5 158	23 885 821 21 624 442	13 712 375 12 235 984	57.4 56.6	26.8 23.9	63.7 X
	38732	Nonhazardous recyclable material collection services, non-residential	1 835	11 826 315	685 363	5.8	1.3	X
	38733	Nonhazardous waste and recyclable material collection services, presorted, non-residential	565	2 571 155	791 028	30.8	1.5	х
	38740	Nonhazardous waste destruction services	215	620 643	27 754	4.5	.1	53.0
	38741 38742	Destruction services for documents or files	156 71	363 649 197 906	9 824 16 331	2.7 8.3	Z Z	X X

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				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
562		Waste management and remediation services—Con.						
	38750 38751 38752 38753 38754 38755	Other nonhazardous waste collection services Snowplowing services. Street or parking lot cleaning services. Septic tank cleaning and maintenance services. Portable toilet rental services Nonhazardous waste management for parks and other special event	4 550 182 192 2 617 1 582	8 625 630 294 876 998 483 1 664 817 5 153 478	2 660 782 15 021 69 008 818 064 891 995	30.8 5.1 6.9 49.1 17.3	5.2 Z .1 1.6 1.7	62.5 X X X
	38756 38757	venues . Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	188 1 352	342 406 1 606 058	18 691 781 633	5.5 48.7	1.5	×
		vacuuming and beach maintenance and cleaning	136	284 295	66 370	23.3	.1	×
	38760 38770	Nonhazardous waste collection from construction and demolition sites . Nonhazardous waste and recyclable material consolidation, storage,	1 076	3 238 811	765 547	23.6	1.5	X
	38771 38772	and preparation services Operation of nonhazardous waste transfer facilities Nonhazardous recyclable material recovery with preparation	2 118 1 248	8 213 265 6 793 436	3 437 110 2 167 570	41.8 31.9	6.7 4.2	58.3 X
	38780	services  Nonhazardous waste and recyclable material transportation services	1 125 1 413	3 148 115 3 898 035	1 269 540 676 532	40.3 17.4	2.5	63.5
	38781 38782	Nonhazardous waste transportation services.  Nonhazardous waste transportation services.  Nonhazardous recyclable material transportation services.	1 088 579	3 347 695 1 128 143	589 099 87 433	17.4 17.6 7.8	1.2	X X
	38790 38791 38792 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services Other nonhazardous waste disposal services	2 292 2 012 185 203	8 675 814 7 069 580 1 351 693 606 278	6 027 280 5 019 637 750 964 256 679	69.5 71.0 55.6 42.3	11.8 9.8 1.5 .5	59.6 X X X
	38810 38811 38812 38813 38814	Site remediation services Site assessment services Site remediation planning services Site remediation clean-up services - air Site remediation clean-up services - water	1 386 368 229 167 533	4 157 938 1 384 735 1 156 329 182 504 1 953 627	2 486 897 71 169 96 809 21 833 239 931	59.8 5.1 8.4 12.0 12.3	4.9 .1 .2 Z .5	57.1
	38815 38816 38817 38818 38819 38821	Site remediation clean-up services - soil Site remediation clean-up services - other Control, containment, and monitoring services - air Control, containment, and monitoring services - water Control, containment, and monitoring services - soil Control, containment, and monitoring services - other	933 468 101 203 190 68	3 148 629 1 428 633 811 836 934 083 905 247 720 284	879 996 601 382 19 383 43 491 27 665 26 095	27.9 42.1 2.4 4.7 3.1 3.6	1.7 1.2 Z .1 .1	× × × × × × × × ×
	38822 39000	Other site remediation services	196 430	1 266 477 1 339 614	459 143 124 256	36.3 9.3	.9 .2	63.0
	39059	Sales of other merchandise, not specified by type	411	1 286 766	123 358	9.6	.2	X
5621	39500 39556	All other receipts All other operating receipts Waste collection.	1 363 1 363 8 543	5 567 446 5 567 446 X	891 811 891 811 28 334 569	16.0 16.0 X	1.7 1.7 100.0	63.8 X 69.0
3021	36040	Environmental consulting services	30	80 953	3 967	4.9	Z	×
	38300 38301	Nonhazardous waste disposal facilities, maintenance and closure Maintenance services for open nonhazardous waste disposal facilities	27 24	92 497 75 007	16 432 10 884	17.8 14.5	.1 Z	68.1 X
	38350 38360	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	61 431	346 885	15 101 194 314	4.4 4.9	.1 .7 Z	
	38370 38380 38390 38400 38410 38420 38421 38422	Sale of new or used nonhazardous waste management equipment Rental or leasing of nonhazardous waste management equipment Nonhazardous waste to energy generation Nonhazardous waste environmental audit and advisory services All other nonhazardous waste management services Hazardous waste collection and removal services Subcontracted hazardous waste collection services Hazardous waste collection services	100 335 12 38 157 419 116 298	3 929 524 429 405 1 012 616 126 486 31 539 1 046 712 1 121 919 224 673 906 475	3 208 36 201 54 947 1 325 32 617 529 413 41 851 452 435	.7 3.6 43.4 4.2 3.1 47.2 18.6 49.9	Z .1 .2 Z .1 1.9 .1	X X X X X 68.1
	38423	Hazardous waste removal from holding facilities, including testing and cleaning	54	122 364	35 127	28.7	.1	X
	38430 38440 38441 38442	Hazardous waste transportation services, excluding collection and disposal	207 45 37 17	775 586 243 204 226 537 50 809	394 361 38 632 23 941 14 691	50.8 15.9 10.6 28.9	1.4 .1 .1	X 69.0 X X
	38450 38460	Hazardous waste disposal facilities, maintenance and closure	11 8	58 880 17 862	1 619 2 998	2.8 16.8	Z Z Z Z	X 34.9
	38463 38470	Closure services for hazardous waste disposal facilities  Hazardous waste and recyclable material consolidation, storage and	6	16 272	2 998	18.4		×
	38471	preparation services	61 50	222 370 176 656	67 729 60 607	30.5 34.3	.2 .2	60.5 X
	38472	Hazardous waste recyclable material recovery and preparation services	35	115 704	7 122	6.2	z	×
	38480 38481 38482 38483 38484 38485 38486 38487 38489 38491	Hazardous waste treatment services Organic solvents, solutions, and still bottoms Oils, greases, oily mixtures, and residues Heavy metal solutions, sludges, and residues Inorganic sludges, solutions, and residues, excluding heavy metals Pesticide, herbicide, and fungicide waste Polychlorinated biphenyls (PCB) waste Biological infectious waste Used tires Used batteries	39 16 23 18 19 9 13 7 6	139 389 71 980 86 686 73 667 82 335 50 057 65 961 33 558 17 187 62 988	26 154 4 688 2 670 1 393 3 520 8114 812 9 765 1 842 638	18.8 6.5 3.1 1.9 4.3 1.6 1.2 29.1 10.7 1.0	.1 Z Z Z Z Z Z Z Z Z	63.5 X X X X X X X X X

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			Establishmen	ts with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
	inte code		Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
5621		Waste collection—Con.						
	38510 38520 38530 38540 38560 38570 38630 38631 38632 38634	Sale or brokerage of hazardous waste Sale or brokerage of hazardous recycled materials Sale of new or used hazardous waste management equipment Rental and leasing of hazardous waste management equipment. Hazardous waste environmental audit and advisory services All other hazardous waste management services Building remediation services Asbestos contamination Lead paint contamination Other contamination	65 21 11 8 13 25 34 8 8	106 528 23 128 12 654 16 724 70 597 27 715 83 942 8 078 6 017 74 797	24 473 816 99 659 1 504 2 520 7 772 3 734 291 3 747	23.0 3.5 .8 3.9 2.1 9.1 9.3 46.2 4.8 5.0	.1 Z Z Z Z Z Z Z Z Z	X X X X X 68.4 X X
	38640 38650 38670 38680	Consulting services related to waste management	13 50 8	13 553 142 820 12 823	802 27 454 647	5.9 19.2 5.0	Z .1 Z	X X X
	38710	leasing of remediation equipment	10	22 343	1 079	4.8	Z	X
	38720	recyclable material.  Nonhazardous waste and recyclable material collection services, residential	1 538 5 026	3 288 625 20 979 890	1 576 913 7 758 932	48.0 37.0	5.6 27.4	68.2
	38721 38722 38723	Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential Nonhazardous waste and recyclable material collection services,	4 632 1 447	19 180 371 10 273 313	6 367 185 648 904	33.2 6.3	22.5 2.3	X X X
	38730	presorted, residential	548	3 140 340	742 843	23.7	2.6	
	38731 38732	residential Nonhazardous waste collection services, non-residential Nonhazardous recyclable material collection services, non-	5 151 4 691	22 316 220 20 700 066	13 431 400 12 003 340	60.2 58.0	47.4 42.4	68.3 X
	38733	residential Nonhazardous waste and recyclable material collection services,	1 712 490	10 911 148	648 104 779 956	5.9	2.3	X X
	38740	presorted, non-residential	86	2 455 456 434 921	20 408	31.8 4.7	.1	
	38741 38742	Destruction services for documents or files Destruction services for other nonhazardous items	59 31	315 048 121 478	7 470 12 938	2.4 10.7	Z Z	67.5 X X
	38750 38751 38752 38753 38754 38755	Other nonhazardous waste collection services Snowplowing services. Street or parking lot cleaning services. Septic tank cleaning and maintenance services. Portable toilet rental services Nonhazardous waste management for parks and other special event	747 110 156 94 305	4 939 674 178 891 962 199 193 339 3 502 456	314 142 9 427 67 204 12 666 125 160	6.4 5.3 7.0 6.6 3.6	1.1 Z .2 Z .4	68.7 X X X X
	38756	venues Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	132 82	309 649 169 272	14 508 29 755	4.7 17.6	.1	X
	38757	Other nonhazardous waste collection services, including runway vacuuming and beach maintenance and cleaning.	83	185 769	55 422	29.8	.2	×
	38760	Nonhazardous waste collection from construction and demolition sites .	891	2 958 292	735 302	24.9	2.6	X
	38770 38771 38772	Nonhazardous waste and recyclable material consolidation, storage, and preparation services  Operation of nonhazardous waste transfer facilities  Nonhazardous recyclable material recovery with preparation	1 056 1 051	5 782 302 5 762 675	1 874 588 1 806 188	32.4 31.3	6.6 6.4	64.0 X
	00700	services	164	1 213 361	68 400	5.6	.2	X
	38780 38781 38782	Nonhazardous waste and recyclable material transportation services Nonhazardous waste transportation services	819 583 358	1 766 485 1 394 392 660 508	431 787 375 179 56 608	24.4 26.9 8.6	1.5 1.3 .2	67.2 X X
	38790 38791 38792 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services Other nonhazardous waste disposal services	388 354 36 36	1 271 645 1 209 086 126 411 104 764	279 011 235 882 21 797 21 332	21.9 19.5 17.2 20.4	1.0 .8 .1 .1	68.6 X X X
	38810 38811 38812 38814 38815 38816 38818 38819 38822	Site remediation services Site assessment services Site remediation planning services Site remediation clean-up services - water Site remediation clean-up services - soil Site remediation clean-up services - soil Control, containment, and monitoring services - water Control, containment, and monitoring services - soil Other site remediation services	92 10 13 32 61 45 14 17 7	498 453 11 522 23 558 85 253 210 773 107 056 22 468 24 130 227 393	176 495 331 851 13 891 37 719 13 163 709 727 106 166	35.4 2.9 3.6 16.3 17.9 12.3 3.2 3.0 46.7	.6 Z Z Z .1 Z Z Z .4	69.0 X X X X X X X X
	39000 39059	Merchandise sales. Sales of other merchandise, not specified by type	84 84	368 683 368 683	31 728 31 728	8.6 8.6	.1 .1	69.0 X
	39500 39556	All other receipts All other operating receipts	340 340	2 724 658 2 724 658	192 074 192 074	7.0 7.0	.7 .7	69.0 X
56211		Waste collection	8 543	x	28 334 569	x	100.0	69.0
	36040 38300 38301	Environmental consulting services .  Nonhazardous waste disposal facilities, maintenance and closure  Maintenance services for open nonhazardous waste disposal facilities	30 27 24	80 953 92 497 75 007	3 967 16 432 10 884	4.9 17.8 14.5	Z .1 Z	X 68.1 X
	38350 38360 38370	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	61 431 100	346 885 3 929 524 429 405	15 101 194 314 3 208	4.4 4.9 .7	.1 .7 Z	X X X X X X
	38380 38390 38400	Rental or leasing of nonhazardous waste management equipment Nonhazardous waste to energy generation Nonhazardous waste environmental audit and advisory services	335 12 38	1 012 616 126 486 31 539	36 201 54 947 1 325	3.6 43.4 4.2	.1 .2 Z	

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				s with the product line	Prod	uct line receipts		
2002 IAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
code	line code		Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Respons coverage (percent
211		Waste collection—Con.						
	38410 38420 38421 38422 38423	All other nonhazardous waste management services	157 419 116 298	1 046 712 1 121 919 224 673 906 475 122 364	32 617 529 413 41 851 452 435 35 127	3.1 47.2 18.6 49.9 28.7	.1 1.9 .1 1.6	68.
	38430	Hazardous waste transportation services, excluding collection and						
	38440 38441 38442	disposal Hazardous waste disposal services by confinement Landfilling Other, including deep well storage and above ground containment	207 45 37 17	775 586 243 204 226 537 50 809	394 361 38 632 23 941 14 691	50.8 15.9 10.6 28.9	1.4 .1 .1 .1	69
	38450	Hazardous waste disposal services by other method other than	44	50,000	1 010	0.0	7	
	38460 38463	confinement Hazardous waste disposal facilities, maintenance and closure Closure services for hazardous waste disposal facilities	11 8 6	58 880 17 862 16 272	1 619 2 998 2 998	2.8 16.8 18.4	Z Z Z	34
	38470 38471 38472	Hazardous waste and recyclable material consolidation, storage and preparation services Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation	61 50	222 370 176 656	67 729 60 607	30.5 34.3	.2 .2	60.
		services	35	115 704	7 122	6.2	Z	
	38480 38481 38482 38483 38484 38485 38486 38487	Hazardous waste treatment services Organic solvents, solutions, and still bottoms Oils, greases, oily mixtures, and residues Heavy metal solutions, sludges, and residues Inorganic sludges, solutions, and residues, excluding heavy metals Pesticide, herbicide, and fungicide waste Polychlorinated biphenyls (PCB) waste Biological infectious waste	39 16 23 18 19 9 13	139 389 71 980 86 686 73 667 82 335 50 057 65 961 33 558	26 154 4 688 2 670 1 393 3 520 814 812 9 765	18.8 6.5 3.1 1.9 4.3 1.6 1.2 29.1	.1 Z Z Z Z Z Z Z Z	63.
	38489 38491	Used tires	6 18	17 187 62 988	1 842 638	10.7 1.0	Z	
	38510 38520 38530 38540 38560 38570 38630 38631 38632 38634	Sale or brokerage of hazardous waste Sale or brokerage of hazardous recycled materials Sale of new or used hazardous recycled materials Sale of new or used hazardous waste management equipment Rental and leasing of hazardous waste management equipment Hazardous waste environmental audit and advisory services All other hazardous waste management services Building remediation services Asbestos contamination Lead paint contamination Other contamination	65 21 11 8 13 25 34 8 8	106 528 23 128 12 654 16 724 70 597 27 715 83 942 8 078 6 078 74 797	24 473 816 99 659 1 504 2 520 7 772 3 734 291 3 747	23.0 3.5 .8 3.9 2.1 9.1 9.3 46.2 4.8 5.0	.1 Z Z Z Z Z Z Z Z	68.
	38640 38650 38670	Consulting services related to waste management	13 50 8	13 553 142 820 12 823	802 27 454 647	5.9 19.2 5.0	Z .1 .2	
	38680	Other products related to remediation, including sale and rental or leasing of remediation equipment	10	22 343	1 079	4.8	z	
	38710	Subcontracted collection services of nonhazardous waste and recyclable material.  Nonhazardous waste and recyclable material collection services,	1 538	3 288 625	1 576 913	48.0	5.6	
	38720 38721 38722	Nonhazardous waste and recyclable material collection services, residential Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential	5 026 4 632 1 447	20 979 890 19 180 371 10 273 313	7 758 932 6 367 185 648 904	37.0 33.2 6.3	27.4 22.5 2.3	68
	38723	Nonhazardous waste and recyclable material collection services, presorted, residential	548	3 140 340	742 843	23.7	2.6	
	38730 38731	Nonhazardous waste and recyclable material collection services, non- residential	5 151 4 691	22 316 220 20 700 066	13 431 400 12 003 340	60.2 58.0	47.4 42.4	68.
	38732	Nonhazardous recyclable material collection services, non-residential	1 712	10 911 148	648 104	5.9	2.3	
	38733	Nonhazardous waste and recyclable material collection services, presorted, non-residential	490	2 455 456	779 956	31.8	2.8	
	38740 38741 38742	Nonhazardous waste destruction services	86 59 31	434 921 315 048 121 478	20 408 7 470 12 938	4.7 2.4 10.7	.1 Z Z	67
	38750 38751 38752 38753 38754	Other nonhazardous waste collection services Snowplowing services. Street or parking lot cleaning services Septic tank cleaning and maintenance services. Portable toilet rental services	747 110 156 94 305	4 939 674 178 891 962 199 193 339 3 502 456	314 142 9 427 67 204 12 666 125 160	6.4 5.3 7.0 6.6 3.6	1.1 Z .2 Z .4	68
	38755	Nonhazardous waste management for parks and other special event venues	132	309 649	14 508	4.7	.1	
	38756 38757	Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	82	169 272	29 755	17.6	.1	
	38760	vacuuming and beach maintenance and cleaning  Nonhazardous waste collection from construction and demolition sites.	83 891	185 769 2 958 292	55 422 735 302	29.8 24.9	.2 2.6	
	38770	Nonhazardous waste collection from constitution and definition sites.  Nonhazardous waste and recyclable material consolidation, storage, and preparation services	1 056	5 782 302	1 874 588	32.4	6.6	64
	38771 38772	Operation of nonhazardous waste transfer facilities  Nonhazardous recyclable material recovery with preparation services	1 050	5 762 675 1 213 361	1 806 188 68 400	31.3 5.6	6.4	04
	38780	Nonhazardous waste and recyclable material transportation services	819	1 766 485	431 787	24.4	1.5	67
	38781 38782	Nonhazardous waste transportation services	583 358	1 394 392 660 508	375 179 56 608	26.9 8.6	1.3	

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				ts with the product line	Prod	uct line receipts		
2002 NAICS	2002 Product	Kind of business and product line				As percent of of		
code	line code		Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
56211		Waste collection—Con.						
	38790 38791 38792 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services Other nonhazardous waste disposal services	388 354 36 36	1 271 645 1 209 086 126 411 104 764	279 011 235 882 21 797 21 332	21.9 19.5 17.2 20.4	1.0 .8 .1 .1	68.6 X X X
	38810 38811 38812 38814 38815 38816 38818 38819 38822	Site remediation services Site assessment services Site remediation planning services Site remediation clean-up services - water Site remediation clean-up services - soil Site remediation clean-up services - soil Control, containment, and monitoring services - water Control, containment, and monitoring services - soil Other site remediation services	92 10 13 32 61 45 14 17 7	498 453 11 522 23 558 85 253 210 773 107 056 22 468 24 130 227 393	176 495 331 851 13 891 37 719 13 163 709 727 106 166	35.4 2.9 3.6 16.3 17.9 12.3 3.2 3.0 46.7	.6 Z Z Z .1 Z Z Z	69.0 X X X X X X X X
	39000 39059	Merchandise sales. Sales of other merchandise, not specified by type	84 84	368 683 368 683	31 728 31 728	8.6 8.6	.1	69.0 X
	39500 39556	All other receipts	340 340	2 724 658 2 724 658	192 074 192 074	7.0 7.0	.7	69.0 X
562111		Solid waste collection	7 483	X	26 528 086	x	100.0	70.1
	38300 38301	Nonhazardous waste disposal facilities, maintenance and closure Maintenance services for open nonhazardous waste disposal	27	92 497	16 432	17.8	.1	69.2
		facilities	24	75 007	10 884	14.5	z	Х
	38350 38360 38370 38380 38400 38410 38420 38421 38422	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	42 398 97 324 38 124 44 15	314 595 3 898 121 419 284 999 708 31 539 984 336 248 072 70 343 183 410	12 722 191 359 3 180 36 046 1 325 24 118 21 733 5 272 14 918	4.0 4.9 .8 3.6 4.2 2.5 8.8 7.5 8.1	Z .7 Z .1 Z .1 .1 Z	X X X X X 70.1 X
	38430 38440 38441	Hazardous waste transportation services, excluding collection and disposal Hazardous waste disposal services by confinement	11 6 6	32 069 57 247 57 247	2 650 5 301 5 301	8.3 9.3 9.3	Z Z Z	X 70.1 X
	38470 38480 38489	Hazardous waste and recyclable material consolidation, storage and preparation services	6 17 6	35 780 29 949 17 187	1 855 2 915 1 842	5.2 9.7 10.7	Z Z Z Z	X 70.1 X
	38630	Building remediation services	9	8 481	4 506	53.1	z	X
	38710 38720	Subcontracted collection services of nonhazardous waste and recyclable material.  Nonhazardous waste and recyclable material collection services,	1 392	3 028 809	1 466 197	48.4	5.5	Х
	38721 38722 38723	residential  Nonhazardous waste collection services, residential  Nonhazardous recyclable material collection services, residential  Nonhazardous waste and recyclable material collection services, presorted, residential	4 899 4 541 1 432 524	20 946 966 19 150 345 10 268 831 3 137 437	7 749 486 6 360 390 647 625 741 471	37.0 33.2 6.3 23.6	29.2 24.0 2.4 2.8	69.3 X X
	38730	Nonhazardous waste and recyclable material collection services, non-						
	38731 38732	residential Nonhazardous waste collection services, non-residential Nonhazardous recyclable material collection services, non-	4 890 4 490	21 924 412 20 425 440	13 336 782 11 939 902	60.8 58.5	50.3 45.0	69.4 X
	38733	residential	1 632	10 721 914	617 353	5.8	2.3	X
	38740 38741	presorted, non-residential  Nonhazardous waste destruction services  Destruction services for documents or files	482 86 59	2 444 353 434 921 315 048 121 478	779 527 20 408 7 470	31.9 4.7 2.4	2.9 .1 Z Z	68.6 X X
	38742 38750 38751 38752 38753 38754 38755	Destruction services for other nonhazardous items.  Other nonhazardous waste collection services Snowplowing services. Street or parking lot cleaning services. Septic tank cleaning and maintenance services. Portable toilet rental services Nonhazardous waste management for parks and other special event	31 659 110 134 69 305	4 803 742 178 891 921 166 176 249 3 502 456	12 938 263 979 9 427 30 270 11 871 125 160	10.7 5.5 5.3 3.3 6.7 3.6	1.0 Z .1 Z .5	69.7 X X X X
	38756	venues.  Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	132	309 649 99 630	14 508 19 811	4.7 19.9	.1	×
	38757	Other nonhazardous waste collection services, including runway vacuuming and beach maintenance and cleaning.	77	167 170	52 932	31.7	.2	×
	38760 38770	Nonhazardous waste collection from construction and demolition sites . Nonhazardous waste and recyclable material consolidation, storage,	602	2 768 811	648 551	23.4	2.4	х
	38770 38771 38772	Nonnazardous waste and recyclable material consolidation, storage, and preparation services  Operation of nonhazardous waste transfer facilities  Nonhazardous recyclable material recovery with preparation services	1 023 1 023 150	5 682 595 5 682 595 1 156 124	1 848 119 1 783 213 64 906	32.5 31.4 5.6	7.0 6.7	64.9 X
	38780	Nonhazardous waste and recyclable material transportation services	615	1 371 286	340 046	24.8	1.3	67.9
	38781 38782	Nonhazardous waste transportation services	401 303	1 063 652 506 279	298 105 41 941	28.0 8.3	1.1	X

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				s with the product line	Prod	uct line receipts		
2002 NAICS	2002 Product	Kind of business and product line				As percent of of-		
code	line code	·	Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Respons coverage (percen
62111		Solid waste collection—Con.						
	38790 38791 38792 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services Other nonhazardous waste disposal services	316 282 33 17	1 165 620 1 103 061 108 846 63 841	270 605 229 631 21 653 19 321	23.2 20.8 19.9 30.3	1.0 .9 .1 .1	69.
	38810 38815 38816	Site remediation services Site remediation clean-up services - soil Site remediation clean-up services - other	23 17 6	67 584 50 307 6 076	12 987 10 372 1 365	19.2 20.6 22.5	Z Z Z	70.
	39000 39059	Merchandise sales	51 51	310 620 310 620	29 420 29 420	9.5 9.5	.1 .1	70.
	39500 39556	All other receipts All other operating receipts	290 290	2 567 650 2 567 650	135 700 135 700	5.3 5.3	.5 .5	70
62112	39330	Hazardous waste collection	488	2 307 030 X	1 407 592	X	100.0	61
	36040	Environmental consulting services	28	71 942	3 702	5.1	.3	
	38350	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	19	32 290	2 379	7.4	.2	
	38360 38380 38390	Sale or brokerage of nonhazardous recyclable material.  Rental or leasing of nonhazardous waste management equipment  Nonhazardous waste to energy generation	11 11 8	13 991 12 908 4 040	901 155 84	6.4 1.2 2.1	.1 Z Z	
	38410 38420	All other nonhazardous waste management services. Hazardous waste collection and removal services.	11 375	41 622 873 847	2 843 507 680	6.8 58.1	.2 36.1	60
	38421 38422	Subcontracted hazardous waste collection services Hazardous waste collection services	101 269	154 330 723 065	36 579 437 517	23.7 60.5	2.6 31.1	0.
	38423	Hazardous waste removal from holding facilities, including testing and cleaning	50	112 272	33 584	29.9	2.4	
	38430	Hazardous waste transportation services, excluding collection and disposal	152	626 012	317 124	50.7	22.5	
	38440 38441 38442	Hazardous waste disposal services by confinement  Landfilling  Other, including deep well storage and above ground containment	39 31 17	185 957 169 290 50 809	33 331 18 640 14 691	17.9 11.0 28.9	2.4 1.3 1.0	6
	38450	Hazardous waste disposal services by other method other than confinement	11	58 880	1 619	2.8	.1	
	38460 38463	Hazardous waste disposal facilities, maintenance and closure	6 6	16 272 16 272	2 998 2 998	18.4 18.4	.2 .2	2
	38470	Hazardous waste and recyclable material consolidation, storage and preparation services	55	186 590	65 874	35.3	4.7	5
	38471 38472	Hazardous waste transfer services	46	162 539	60 051	36.9	4.3	
	38480	services	31 22	92 239 109 440	5 823 23 239	6.3 21.2	.4 1.7	5
	38481 38482	Organic solvents, solutions, and still bottoms.  Oils, greases, oily mixtures, and residues.	16 19	71 980 82 335	4 688 2 219	6.5 2.7	.3	3
	38483 38484	Heavy metal solutions, sludges, and residues	16 19	71 980 82 335	1 045 3 520	1.5 4.3	.1	
	38485 38486	Pesticide, herbicide, and fungicide waste	9 13	50 057 65 961	814 812	1.6 1.2	.1	
	38491 38510	Used batteries	16 63	62 715 102 022	626 23 943	1.0 23.5	.1 Z 1.7	
	38520 38530	Sale or brokerage of hazardous waste Sale or brokerage of hazardous recycled materials Sale of new or used hazardous waste management equipment	19 11	18 622 12 654	816 99	4.4	.1 Z Z	
	38540 38560	Rental and leasing of hazardous waste management equipment Hazardous waste environmental audit and advisory services	6	12 218 55 755	394 1 239	3.2 2.2	1	
	38570 38630	All other hazardous waste management services	25 25	27 715 75 461	2 520 3 266	9.1 4.3	.2 .2 .2	6
	38634 38640	Other contamination	19 11	71 265 13 288	3 151 802	4.4 6.0	.2 .1	
	38650 38670	Environmental emergency response services including planning  Other remediation services	30	123 221 12 823	27 039 647	21.9 5.0	1.9 Z	
	38680	Other products related to remediation, including sale and rental or leasing of remediation equipment	8	21 283	549	2.6	z	
	38710	Subcontracted collection services of nonhazardous waste and recyclable material	25	173 739	47 350	27.3	3.4	
	38720	Nonhazardous waste and recyclable material collection services, residential	6	3 378	690	20.4	Z Z	6
	38721 38730	Nonhazardous waste collection services, residential	6	3 378	636	18.8	2	
	38731	residential	85 69	247 342 148 423	34 288 18 031	13.9 12.1	2.4 1.3	6
	38732	Nonhazardous recyclable material collection services, non- residential	47	170 975	15 828	9.3	1.1	
	38733	Nonhazardous waste and recyclable material collection services, presorted, non-residential	8	11 103	429	3.9	z	
	38750 38756	Other nonhazardous waste collection services	22	62 652	5 053	8.1	.4	6
	38757	and drain facilities, including sewer rodding and cleaning  Other nonhazardous waste collection services, including runway	14	43 362	2 492	5.7	.2	
		vacuuming and beach maintenance and cleaning	6	18 599 58 420	2 490	13.4	.2	
	38760 38770	Nonhazardous waste collection from construction and demolition sites .  Nonhazardous waste and recyclable material consolidation, storage, and preparation services	25 22	58 429 94 182	1 253 26 082	2.1	1.9	6
	38771 38772	Operation of nonhazardous waste transfer facilities  Nonhazardous recyclable material recovery with preparation	17	74 555	20 082	30.3	1.6	0

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				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
562112		Hazardous waste collection—Con.						
	38780 38781 38782	Nonhazardous waste and recyclable material transportation services Nonhazardous waste transportation services	160 149 44	357 951 293 727 153 994	65 551 51 002 14 549	18.3 17.4 9.4	4.7 3.6 1.0	61.8 X X
	38790 38791 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Other nonhazardous waste disposal services	61 61 8	95 702 95 702 30 600	7 165 6 044 977	7.5 6.3 3.2	.5 .4 .1	61.8 X X
	38810 38811 38812 38814 38815 38816 38819	Site remediation services Site assessment services Site remediation planning services Site remediation clean-up services - water Site remediation clean-up services - soil Site remediation clean-up services - other Control, containment, and monitoring services - soil	58 8 11 17 33 28 6	420 546 10 451 22 487 67 763 150 143 90 657 13 807	162 475 292 812 13 585 26 830 11 695 624	38.6 2.8 3.6 20.0 17.9 12.9 4.5	11.5 Z .1 1.0 1.9 .8 Z	61.8 X X X X X X
	39000 39059	Merchandise sales. Sales of other merchandise, not specified by type	33 33	58 063 58 063	2 308 2 308	4.0 4.0	.2 .2	61.8 X
562119	39500 39556	All other receipts All other operating receipts Other waste collection	39 39 572	103 078 103 078 X	32 106 32 106 398 891	31.1 31.1 X	2.3 2.3 100.0	61.8 X 21.3
5622		Waste treatment and disposal	2 516	X	10 699 956	x	100.0	63.3
30 <u>2</u> 2	36040 38300	Environmental consulting services Nonhazardous waste disposal facilities, maintenance and closure	14 130	54 948 618 435	3 437 545 750	6.3 88.2	Z 5.1	X
	38350 38360 38370 38380 38390 38400 38410 38421 38422 38423	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type.  Sale or brokerage of nonhazardous recyclable material. Sale of new or used nonhazardous waste management equipment. Rental or leasing of nonhazardous waste management equipment. Nonhazardous waste to energy generation.  Nonhazardous waste to energy generation.  Nonhazardous waste management services.  Hazardous waste collection and removal services.  Subcontracted hazardous waste collection services.  Hazardous waste collection services.	68 109 27 36 96 11 79 76 31 46	569 792 824 917 38 230 65 885 1 246 480 13 260 428 905 342 639 49 160 228 170	19 233 13 994 997 2 226 385 446 151 26 819 90 718 2 717 52 818	3.4 1.7 2.6 3.4 30.9 1.1 6.3 26.5 5.5 23.1	.2 .1 Z Z 3.6 Z .3 .8 Z .5	X X X X X X 63.3 X
		Hazardous waste removal from holding facilities, including testing and cleaning	19	241 591	35 183	14.6	.3	Х
	38430 38440 38441 38442	Hazardous waste transportation services, excluding collection and disposal Hazardous waste disposal services by confinement Landfilling Other, including deep well storage and above ground containment	73 133 89 51	645 939 1 321 442 835 832 497 683	91 367 735 485 250 106 485 379	14.1 55.7 29.9 97.5	.9 6.9 2.3 4.5	X 54.9 X X
	38450 38460 38470	Hazardous waste disposal services by other method other than confinement	50 31	450 085 74 198	288 101 26 880	64.0 36.2	2.7 .3	X
	38471 38472	Hazardous waste and recyclable material consolidation, storage and preparation services Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation	127 102	625 395 480 109	172 592 130 174	27.6 27.1	1.6 1.2	61.4 X
	38480 38481 38482 38483 38484 38485 38486 38487 38487 38491 38491	services  Hazardous waste treatment services. Organic solvents, solutions, and still bottoms Oils, greases, oily mixtures, and residues. Heavy metal solutions, sludges, and residues inorganic sludges, solutions, and residues, excluding heavy metals. Pesticide, herbicide, and fungicide waste. Polychlorinated biphenyls (PCB) waste Biological infectious waste Radioactive waste Used batteries Other hazardous waste	50 538 66 69 73 52 21 28 334 28 21 64	347 575 2 451 856 311 800 416 251 375 602 358 723 69 273 112 727 645 535 1 163 468 63 117 136 054	42 418 1 904 827 88 893 54 582 94 379 63 503 1 009 18 761 599 244 933 905 1 771 48 761	12.2 77.7 28.5 13.1 25.1 17.7 1.5 16.6 92.8 80.3 2.8 35.8	.4 17.8 .8 .5 .9 .6 Z .2 5.6 8.7 Z	81.6 X X X X X X X X X X X X X X X X X X X
	38510 38520 38530 38540 38550 38570 38640 38650 38670 38710	Sale or brokerage of hazardous waste Sale or brokerage of hazardous recycled materials Sale of new or used hazardous waste management equipment Rental and leasing of hazardous waste management equipment. Hazardous waste to energy generation All other hazardous waste management services Consulting services related to waste management Environmental emergency response services including planning Other remediation services Subcontracted collection services of nonhazardous waste and	31 12 9 7 7 14 10 24	75 437 152 951 15 529 44 438 102 465 79 102 66 535 179 573 51 769	14 250 4 059 2 114 1 213 27 732 1 872 696 5 048 3 981	18.9 2.7 13.6 2.7 27.1 2.4 1.0 2.8 7.7	.1 Z Z 2 .3 Z Z Z Z Z	X X X X X X X
	38720	recyclable material	59 54	229 305	52 190	22.8	.5	X 51.7
	38721 38722	residential Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential	54 51 8	140 529 137 136 39 847	24 328 22 231 982	17.3 16.2 2.5	.2 .2 Z	51.7 X X
	38730 38731 38732	Nonhazardous waste and recyclable material collection services, non- residential  Nonhazardous waste collection services, non-residential  Nonhazardous recyclable material collection services, non-	125 115	408 180 398 780	120 052 114 495	29.4 28.7	1.1 1.1	61.2 X
	38733	residential	14	149 547	4 926	3.3	Z	X
	38740	presorted, non-residential	7 69	19 782 109 262	631 2 733	3.2 2.5	z   z	X X

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				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
5622		Waste treatment and disposal—Con.						
	38750 38753 38756	Other nonhazardous waste collection services Septic tank cleaning and maintenance services Cleaning and maintenance services for nonhazardous waste holding	25 10	183 511 3 416	12 171 140	6.6 4.1	.1 Z	63.3 X
	38757	and drain facilities, including sewer rodding and cleaning	10 10	116 194 23 090	9 533 107	8.2 .5	.1 Z	x x
	38760	Nonhazardous waste collection from construction and demolition sites .	16	47 094	16 765	35.6	.2	×
	38770 38771	Nonhazardous waste and recyclable material consolidation, storage, and preparation services	101 83	482 275 414 863	89 115 72 660	18.5 17.5	.8 .7	61.8 X
	38772	Nonhazardous recyclable material recovery with preparation services	21	97 582	16 455	16.9	.2	X
	38780 38781 38782	Nonhazardous waste and recyclable material transportation services	168 158 47	815 986 787 530 162 446	137 851 129 372 8 479	16.9 16.4 5.2	1.3 1.2 .1	63.3 X X
	38790 38791 38792 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services Other nonhazardous waste disposal services	1 746 1 552 126 135	7 101 567 5 634 371 1 179 401 465 537	5 718 868 4 761 391 727 401 230 076	80.5 84.5 61.7 49.4	53.4 44.5 6.8 2.2	57.8 X X X
	38810 38814	Site remediation services Site remediation clean-up services - water	59 24	273 969 94 512	74 494 8 976	27.2 9.5	.7 .1	60.1
	38815 38816	Site remediation clean-up services - soil	40 25	240 580 53 905	56 781 5 835	23.6 10.8	.5 .1 Z	X X X X
	38821 39000	Control, containment, and monitoring services - other  Merchandise sales	6 75	20 771 232 268	655 28 486	3.2 12.3	.3	57.6
	39059 39500	Sales of other merchandise, not specified by type	56 157	179 420 784 225	27 588 47 481	15.4 6.1	.3 .4	X 60.7
56221	39556	All other operating receipts  Waste treatment and disposal	157 2 516	784 225 X	47 481 10 699 956	6.1 X	100.0	63.3
	36040	Environmental consulting services	14	54 948	3 437	6.3	z	X
	38300 38350	Nonhazardous waste disposal facilities, maintenance and closure  Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	130	618 435 569 792	545 750 19 233	88.2 3.4	5.1	X
	38360 38370	Sale or brokerage of nonhazardous recyclable material	109 27	824 917 38 230	13 994 997	1.7 2.6	.1 Z Z	X X X X X X
	38380 38390 38400	Rental or leasing of nonhazardous waste management equipment Nonhazardous waste to energy generation	36 96 11	65 885 1 246 480 13 260	2 226 385 446 151	3.4 30.9 1.1	3.6 Z	X
	38410 38420	All other nonhazardous waste management services	79 76	428 905 342 639	26 819 90 718	6.3 26.5	.3 .8 Z	63.3
	38421 38422 38423	Subcontracted hazardous waste collection services Hazardous waste collection services Hazardous waste removal from holding facilities, including testing and	31 46	49 160 228 170	2 717 52 818	5.5 23.1	.5	63.3 X X
	38430	cleaning Hazardous waste transportation services, excluding collection and	19	241 591	35 183	14.6	.3	X
	38440 38441	disposal Hazardous waste disposal services by confinement	73 133 89	645 939 1 321 442 835 832	91 367 735 485 250 106	14.1 55.7 29.9	.9 6.9 2.3	54.9 ×
	38442	Landfilling Other, including deep well storage and above ground containment	51	497 683	485 379	97.5	4.5	X
	38450 38460 38470	Hazardous waste disposal services by other method other than confinement Hazardous waste disposal facilities, maintenance and closure Hazardous waste and recyclable material consolidation, storage and	50 31	450 085 74 198	288 101 26 880	64.0 36.2	2.7	X
	38471	preparation services	127 102	625 395 480 109	172 592 130 174	27.6 27.1	1.6 1.2	61.4 X
	38472	Hazardous waste recyclable material recovery and preparation services	50	347 575	42 418	12.2	.4	Х
	38480 38481	Hazardous waste treatment services	538 66	2 451 856 311 800	1 904 827 88 893	77.7 28.5	17.8 .8	61.6 X
	38482 38483	Oils, greases, oily mixtures, and residues	69 73 52 21	416 251 375 602	54 582 94 379 63 503	13.1 25.1	.5 .9	X X X X X X X X
	38484 38485 38486	Inorganic sludges, solutions, and residues, excluding heavy metals . Pesticide, herbicide, and fungicide waste Polychlorinated biphenyls (PCB) waste	21 28	358 723 69 273 112 727	1 009 18 761	17.7 1.5 16.6	.6 Z .2	X
	38487 38488	Biological infectious waste	334 28	645 535 1 163 468	599 244 933 905	92.8 80.3	5.6 8.7 Z	X
	38491 38492	Used batteries Other hazardous waste	21 64	63 117 136 054	1 771 48 761	2.8 35.8	.5	
	38510 38520 38530	Sale or brokerage of hazardous waste Sale or brokerage of hazardous recycled materials Sale of new or used hazardous waste management equipment	31 12 9	75 437 152 951 15 529	14 250 4 059 2 114	18.9 2.7 13.6	.1 Z Z Z	X X X X X X X X
	38540 38550	Rental and leasing of hazardous waste management equipment  Hazardous waste to energy generation	7 7	44 438 102 465	1 213 27 732	2.7 27.1	Z .3	x X
	38570 38640	All other hazardous waste management services	14 10	79 102 66 535	1 872 696	2.4 1.0	.3 Z Z Z	X
	38650 38670 38710	Environmental emergency response services including planning Other remediation services	24 10	179 573 51 769	5 048 3 981	2.8 7.7	ZZZ	X
	38710	recyclable material	59	229 305	52 190	22.8	.5	Х
	38721 38722	residential Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential	54 51 8	140 529 137 136 39 847	24 328 22 231 982	17.3 16.2 2.5	.2 .2 Z	51.7 X X

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				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
6221		Waste treatment and disposal—Con.						
	38730	Nonhazardous waste and recyclable material collection services, non- residential	125	408 180	120 052	29.4	1.1	61.2
	38731 38732	Nonhazardous waste collection services, non-residential  Nonhazardous recyclable material collection services, non- residential	115	398 780 149 547	114 495 4 926	28.7	1.1 Z	×
	38733	Nonhazardous waste and recyclable material collection services, presorted, non-residential.	7	19 782	631	3.2	z	×
	38740	Nonhazardous waste destruction services	69	109 262	2 733	2.5	z	X
	38750 38753 38756	Other nonhazardous waste collection services Septic tank cleaning and maintenance services. Cleaning and maintenance services for penhazardous waste helding	25 10	183 511 3 416	12 171 140	6.6 4.1	.1 Z	63.3 X
	38757	Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	10	116 194	9 533	8.2	.1	X
		vacuuming and beach maintenance and cleaning	10	23 090	107	.5	Z	X
	38760 38770	Nonhazardous waste collection from construction and demolition sites . Nonhazardous waste and recyclable material consolidation, storage,	16	47 094	16 765	35.6	.2	X
	38771 38772	and preparation services	101 83	482 275 414 863	89 115 72 660	18.5 17.5	.8 .7	61.8 X
		services	21	97 582	16 455	16.9	.2	X
	38780 38781 38782	Nonhazardous waste and recyclable material transportation services	168 158 47	815 986 787 530 162 446	137 851 129 372 8 479	16.9 16.4 5.2	1.3 1.2 .1	63.3 X X
	38790 38791 38792 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services Other nonhazardous waste disposal services	1 746 1 552 126 135	7 101 567 5 634 371 1 179 401 465 537	5 718 868 4 761 391 727 401 230 076	80.5 84.5 61.7 49.4	53.4 44.5 6.8 2.2	57.8 X X X
	38810 38814	Site remediation services Site remediation clean-up services - water	59 24	273 969 94 512	74 494 8 976	27.2 9.5	.7 .1	60.1
	38815 38816 38821	Site remediation clean-up services - soil	40 25 6	240 580 53 905 20 771	56 781 5 835 655	23.6 10.8 3.2	.5 .1 Z	X X X X
	39000 39059	Merchandise sales. Sales of other merchandise, not specified by type	75 56	232 268 179 420	28 486 27 588	12.3 15.4	.3	57.6 X
	39500	All other receipts	157	784 225	47 481	6.1	.4	60.7
62211	39556	All other operating receipts  Hazardous waste treatment and disposal	157 696	784 225 X	47 481 3 466 331	6.1 X	100.0	63.8
	38360 38370	Sale or brokerage of nonhazardous recyclable material	28 21	68 321 8 943	5 061 104	7.4 1.2	.1 Z Z	X X
	38380 38420	Rental or leasing of nonhazardous waste management equipment Hazardous waste collection and removal services	26 63	31 232 291 380	624 80 733	2.0 27.7	Z 2.3	X 63.8
	38421 38422	Subcontracted hazardous waste collection services	26 33	35 682 176 911	2 466 45 772	6.9 25.9	.1 1.3	X
	38423	Hazardous waste removal from holding facilities, including testing and cleaning	14	210 082	32 495	15.5	.9	×
	38430	Hazardous waste transportation services, excluding collection and disposal	65	531 354	59 865	11.3	1.7	×
	38440 38441	Hazardous waste disposal services by confinement	114 70	1 051 650 566 040	679 241 193 862	64.6 34.2	19.6 5.6	53.2 X X
	38442 38450	Other, including deep well storage and above ground containment	51	497 683	485 379	97.5	14.0	Х
	38460	Hazardous waste disposal services by other method other than confinement Hazardous waste disposal facilities, maintenance and closure	47 26	440 848 42 428	287 781 18 337	65.3 43.2	8.3 .5	X 40.1
	38461	Hazardous waste maintenance services for open disposal facilities, including monitoring	16	24 648	16 867	68.4	.5	X
	38470	Hazardous waste and recyclable material consolidation, storage and preparation services	110	580 680	100 007		4.7	C1 7
	38471 38472	Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation	112 87	435 394	162 227 123 227	27.9 28.3	3.6	61.7 X
		services	47	325 309	39 000	12.0	1.1	Х
	38480 38481	Hazardous waste treatment services	535 66	2 442 619 311 800	1 904 720 88 893	78.0 28.5	54.9 2.6	62.0 X
	38482 38483	Oils, greases, oily mixtures, and residues.  Heavy metal solutions, sludges, and residues	66 73 52	407 014 375 602	54 475 94 379 63 503	13.4 25.1 17.7	1.6 2.7	X
	38484 38485 38486	Inorganic sludges, solutions, and residues, excluding heavy metals . Pesticide, herbicide, and fungicide waste	21 28	358 723 69 273 112 727	1 009 18 761	17.7 1.5 16.6	1.8 Z .5	X
	38487 38488	Biological infectious waste Radioactive waste	334 28	645 535 1 163 468	599 244 933 905	92.8 80.3	17.3 26.9	Ś
	38491 38492	Used batteries Other hazardous waste	21 64	63 117 136 054	1 771 48 761	2.8 35.8	.1	X X X X X X X X
	38510	Sale or brokerage of hazardous waste	26	63 850	13 449	21.1	.4	
	38520 38530	Sale or brokerage of hazardous recycled materials	9 9	143 714 15 529	3 952 2 114	2.8 13.6	.1 .1	X
	38540 38550 38570	Rental and leasing of hazardous waste management equipment Hazardous waste to energy generation	7 7	44 438 102 465 79 102	1 213 27 732 1 872	2.7 27.1 2.4	Z .8	X
	38640 38650	Consulting services related to waste management  Environmental emergency response services including planning	14 7 21	57 298 170 336	589 4 888	1.0 2.9	.1 Z .1	X X X X X X X X
	38670 38710	Other remediation services Subcontracted collection services of nonhazardous waste and	7	42 532	1 525	3.6	ž	x
	337.13	recyclable material	35	35 322	6 378	18.1	.2	>

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				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line			As percent of total receipts   Amount   Establishments   With the product   Inne   I			
			Number			with the product	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
562211		Hazardous waste treatment and disposal—Con.						
	38730	Nonhazardous waste and recyclable material collection services, non-residential	35	139 277			.3	63.8
	38731 38732	Nonhazardous waste collection services, non-residential Nonhazardous recyclable material collection services, non-	30				.2	X X
	38740	residential	63				.1 Z Z	63.8
	38741 38750	Destruction services for documents or files  Other nonhazardous waste collection services	61				.3	63.8
	38756	Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	7				.3	03.0 X
	38770	Nonhazardous waste and recyclable material consolidation, storage,						
	38771 38772	and preparation services Operation of nonhazardous waste transfer facilities Nonhazardous recyclable material recovery with preparation	26 16	162 872	27 423		.9 .8	60.1 X
		services	10				.1	Х
	38780 38781	Nonhazardous waste and recyclable material transportation services  Nonhazardous waste transportation services	61 59	197 144	16 542	8.4	.6 .5	63.8 X X
	38782 38790	Nonhazardous recyclable material transportation services  Nonhazardous waste disposal services	28 79				2.0	63.8
	38791 38792	Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services	56 26	359 476 51 330	35 002	9.7 9.8	1.0	X X X
	38793	Other nonhazardous waste disposal services	28	140 231	29 907	21.3	.9	
	38810 38814 38815	Site remediation services - Site remediation clean-up services - water Site remediation clean-up services - soil	40 21 27	56 933	2 212	3.9	.5 .1	57.6 X X X
	38816	Site remediation clean-up services - other	19	39 934	5 464	13.7	.3 .2	
	39000 39059	Merchandise sales	37 37				.2 .2	63.8 X
	39500 39556	All other receipts	26 26	204 375 204 375			.4 .4	63.8 X
562212		Solid waste landfill	1 504				100.0	61.5
	38300	Nonhazardous waste disposal facilities, maintenance and closure	34	101 984	41 594	40.8	.8	39.2
	38301	Maintenance services for open nonhazardous waste disposal facilities	19	25 290	9 138	36.1	.2	Х
	38302 38303	Maintenance services for closed nonhazardous waste disposal facilities  Closure services for nonhazardous waste disposal facilities	15 10				Z .6	X
	38350	Sale or brokerage of nonhazardous waste, including compost and						
	38360	recovered methane gas, not specified by type	63 55	262 649	4 592	1.7	.3 .1	X X X X
	38380 38390 38410	Rental or leasing of nonhazardous waste management equipment Nonhazardous waste to energy generation	10 37 18	326 883	39 725	12.2	.1 Z .7 .1	X
	38420 38422	Hazardous waste collection and removal services Hazardous waste collection services	13	51 259	9 985	19.5	.2	61.5 X
	38430	Hazardous waste transportation services, excluding collection and						
	38440 38441	disposal Hazardous waste disposal services by confinement	8 16 16	258 270	54 514	21.1	.6 1.0 1.0	X 61.5 X
	38710	Landfilling Subcontracted collection services of nonhazardous waste and						
	38720	recyclable material	24				.9	X
	38721 38722	residential Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential	45 42 8	135 433	21 823	16.1	.4 .4 Z	50.2 X X
	38730	Nonhazardous waste and recyclable material collection services, non-						
	38731	residential	68 63	223 404 220 940			1.3 1.3	58.0 X
	38750 38753	Other nonhazardous waste collection services	18 10				Z Z	61.5 X
	38757	Other nonhazardous waste collection services, including runway vacuuming and beach maintenance and cleaning.	10	23 090	107	.5	z	X
	38760	Nonhazardous waste collection from construction and demolition sites .	16	47 094	16 765	35.6	.3	х
	38770 38771	Nonhazardous waste and recyclable material consolidation, storage, and preparation services  Operation of nonhazardous waste transfer facilities	60 55	270 391 245 677	53 339 44 202	19.7 18.0	1.0	61.5 X
	38772	Nonhazardous recyclable material recovery with preparation services	8	54 884	9 137	16.6	.2	X
	38780	Nonhazardous waste and recyclable material transportation services	76	564 650	104 063	18.4	1.9	61.5
	38781 38782	Nonhazardous waste transportation services Nonhazardous recyclable material transportation services	68 10	550 635 36 279	101 687 2 376	18.5 6.5	1.9 Z	X
	38790 38791	Nonhazardous waste disposal services	1 485 1 485	5 257 782 5 257 782	4 725 613 4 722 447	89.9 89.8	88.5 88.4	59.4 X
	38793 38810	Other nonhazardous waste disposal services	22	72 715	1 512 54 941	2.1 47.9	Z   1.0	X X 61.5
	38815	Site remediation services . Site remediation clean-up services - soil	13 13	114 639 114 639	48 015	41.9	.9	61.5 X
	39000 39059	Merchandise sales	13 13	47 308 47 308	1 068 1 068	2.3 2.3	Z Z	61.5 X

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			Establishmen	ts with the product line	Prod	uct line receipts	;	
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
562212		Solid waste landfill—Con.						
	39500 39556	All other receipts	84 84	425 236 425 236	20 289 20 289	4.8 4.8	.4 .4	58.9 X
562213		Solid waste combustors and incinerators	117	x	1 310 772	x	100.0	87.3
	38300 38360 38390 38410 38770	Nonhazardous waste disposal facilities, maintenance and closure Sale or brokerage of nonhazardous recyclable material Nonhazardous waste to energy generation All other nonhazardous waste management services Nonhazardous waste and recyclable material consolidation, storage,	20 17 54 9	199 526 493 807 881 953 217 156	199 522 4 312 345 028 2 320	100.0 .9 39.1 1.1	15.2 .3 26.3 .2	X X X X
	38790 38791 38792	and preparation services Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services	6 97 11 97	16 136 1 111 246 17 113 1 111 246	3 067 724 646 3 942 720 704	19.0 65.2 23.0 64.9	.2 55.3 .3 55.0	X 62.8 X X
	38810 39000 39059	Site remediation services  Merchandise sales  Sales of other merchandise, not specified by type	6 6 6	16 240 45 038 45 038	904 17 958 17 958	5.6 39.9 39.9	.1 1.4 1.4	X 87.3 X
	39500 39556	All other receipts	9 9	88 897 88 897	3 238 3 238	3.6 3.6	.2 .2	87.3 X
562219	00000	Other nonhazardous waste treatment and disposal	199	X	583 377	X	100.0	23.5
5629		Remediation and other waste management services	7 346	x	12 178 827	x	100.0	54.5
	36040 38300	Environmental consulting services	290 78	882 279 643 516	34 449 15 605	3.9 2.4	.3	X 54.5
	38301	Maintenance services for open nonhazardous waste disposal facilities	62	585 666	7 974	1.4	.1	х
	38302 38303	Maintenance services for closed nonhazardous waste disposal facilities	36 14	32 778 66 360	1 435 6 196	4.4 9.3	Z .1	X
	38350 38360 38370 38380 38390 38410 38420 38421 38422 38423	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type.  Sale or brokerage of nonhazardous recyclable material. Sale of new or used nonhazardous waste management equipment. Rental or leasing of nonhazardous waste management equipment. Nonhazardous waste to energy generation. All other nonhazardous waste management services. Hazardous waste collection and removal services. Subcontracted hazardous waste collection services. Hazardous waste collection services. Hazardous waste removal from holding facilities, including testing and cleaning.	55 198 36 31 27 72 253 99 131	148 352 932 131 17 300 55 163 99 650 141 220 645 575 402 073 294 562	18 804 221 324 1 249 1 547 15 232 47 740 82 310 23 159 42 993	12.7 23.7 7.2 2.8 15.3 33.8 12.8 5.8 14.6	.2 1.8 Z Z .1 .4 .7 .2 .4	X X X X X 54.5 X X
	38430 38440 38441 38442	Hazardous waste transportation services, excluding collection and disposal.  Hazardous waste disposal services by confinement  Landfilling  Other, including deep well storage and above ground containment	78 75 72 7	700 588 94 822 82 944 19 406	20 734 11 033 7 512 3 521	3.0 11.6 9.1 18.1	.2 .1 .1 .2	X 54.5 X X
	38450 38460	Hazardous waste disposal services by other method other than confinement	10 36	36 214 32 064	3 415 9 106	9.4 28.4	Z .1	X 47.1
	38462 38463	Hazardous waste maintenance services for closed disposal facilities, including monitoring  Closure services for hazardous waste disposal facilities.	20 10	11 803 1 220	8 287 216	70.2 17.7	.1 .1 Z	X X
	38470 38471	Hazardous waste and recyclable material consolidation, storage and preparation services	79 73	800 359 784 929	101 401 58 517	12.7 7.5	.8 .5	54.5 X
	38472	Hazardous waste recyclable material recovery and preparation services	23	594 849	42 884	7.2	.4	х
	38480 38481 38482 38483 38486 38489 38492	Hazardous waste treatment services Organic solvents, solutions, and still bottoms Oils, greases, oily mixtures, and residues Heavy metal solutions, sludges, and residues Polychlorinated biphenyls (PCB) waste Used tires Other hazardous waste	87 7 20 7 38 7 22	713 484 511 330 574 307 508 560 556 022 53 571 19 246	18 811 573 4 035 1 403 2 060 139 2 216	2.6 .1 .7 .3 .4 .3 11.5	.2 Z Z Z Z Z Z	54.5 X X X X X X
	38510 38520 38550 38560 38570 38630 38631 38632 38633 38634	Sale or brokerage of hazardous waste Sale or brokerage of hazardous recycled materials Hazardous waste to energy generation Hazardous waste environmental audit and advisory services All other hazardous waste management services Building remediation services Asbestos contamination Lead paint contamination Radon contamination Other contamination	23 12 9 38 52 1 678 1 470 926 29 526	27 261 532 719 37 476 40 041 27 502 3 913 542 3 692 212 2 023 670 621 162 1 034 540	1 465 1 248 4 471 527 1 559 2 515 977 2 000 631 203 723 58 204 253 419	5.4 .2 11.9 1.3 5.7 64.3 54.2 10.1 9.4 24.5	Z Z Z Z Z 20.7 16.4 1.7 .5 2.1	X X X X 51.0 X X X X
	38640 38650 38670 38680	Consulting services related to waste management	90 529 228	127 959 1 662 715 440 409	8 870 346 579 224 608	6.9 20.8 51.0	.1 2.8 1.8	X X X
	38710	leasing of remediation equipment . Subcontracted collection services of nonhazardous waste and recyclable material .	143	1 444 533 342 447	1 267 858 49 219	87.8 14.4	10.4	X X

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				ts with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
629		Remediation and other waste management services—Con.						
	38720 38721 38722 38723	Nonhazardous waste and recyclable material collection services, residential Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential Nonhazardous waste and recyclable material collection services, presorted, residential	239 206 40 22	354 639 339 838 104 380 10 297	67 350 51 035 15 452 863	19.0 15.0 14.8 8.4	.6 .4 .1	54.4 X X
	38730 38731	Nonhazardous waste and recyclable material collection services, non- residential  Nonhazardous waste collection services, non-residential	431 352	1 161 421 525 596	160 923 118 149	13.9 22.5	1.3	53.6
	38732	Nonhazardous recyclable material collection services, non- residential	109	765 620	32 333	4.2	.3	)
	38733	Nonhazardous waste and recyclable material collection services, presorted, non-residential	68	95 917	10 441	10.9	.1	)
	38740 38741 38742	Nonhazardous waste destruction services	60 33 32	76 460 29 648 56 286	4 613 1 799 2 814	6.0 6.1 5.0	Z Z Z	54.5 )
	38750 38751 38752 38753 38754	Other nonhazardous waste collection services Snowplowing services. Street or parking lot cleaning services. Septic tank cleaning and maintenance services. Portable toilet rental services.	3 778 70 36 2 513 1 272	3 502 445 50 271 36 284 1 468 062 1 606 795	2 334 469 4 280 1 804 805 258 765 758	66.7 8.5 5.0 54.9 47.7	19.2 Z Z 6.6 6.3	50.9 ) )
	38755	Nonhazardous waste management for parks and other special event venues.	56	32 757	4 183	12.8	z	,
	38756	Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	1 260	1 320 592	742 345	56.2	6.1	2
	38757	Other nonhazardous waste collection services, including runway vacuuming and beach maintenance and cleaning.	43	75 436	10 841	14.4	.1	
	38760 38770	Nonhazardous waste collection from construction and demolition sites .	169	233 425	13 480	5.8	.1	
	38770 38771 38772	Nonhazardous waste and recyclable material consolidation, storage, and preparation services  Operation of nonhazardous waste transfer facilities  Nonhazardous recyclable material recovery with preparation	961 114	1 948 688 615 898	1 473 407 288 722	75.6 46.9	12.1 2.4	38.
	38780 38781	Services  Nonhazardous waste and recyclable material transportation services  Nonhazardous waste transportation services	940 426 347	1 837 172 1 315 564 1 165 773	1 184 685 106 894 84 548	64.5 8.1 7.3	9.7 .9 .7	54
	38782 38790 38791	Nonhazardous recyclable material transportation services  Nonhazardous waste disposal services  Nonhazardous waste landfill disposal services	174 158 106	305 189 302 602 226 123	22 346 29 401 22 364	7.3 9.7 9.9	.2 .2 .2	51
	38792 38793 38810	Nonhazardous waste incineration disposal services	23 32 1 235	45 881 35 977 3 385 516	1 766 5 271 2 235 908	3.8 14.7 66.0	.2 Z Z 18.4	47.
	38811 38812 38813 38814 38815	Site assessment services Site remediation planning services Site remediation clean-up services - air Site remediation clean-up services - water Site remediation clean-up services - soil	355 213 161 477 832	1 363 962 1 123 520 158 867 1 773 862 2 697 276	70 830 95 950 18 336 217 064 785 496	5.2 8.5 11.5 12.2 29.1	.6 .8 .2 1.8 6.5	
	38816 38817 38818 38819 38821	Site remediation clean-up services - other Control, containment, and monitoring services - air. Control, containment, and monitoring services - water. Control, containment, and monitoring services - soil. Control, containment, and monitoring services - other	398 96 186 170 62	1 267 672 801 514 902 364 871 866 699 513	582 384 19 316 42 774 26 930 25 440	45.9 2.4 4.7 3.1 3.6	4.8 .2 .4 .2 .2	
	38822 39000	Other site remediation services	184 271	1 036 650 738 663	351 388 64 042	33.9 8.7	2.9	53
	39059	Sales of other merchandise, not specified by type	271	738 663	64 042	8.7	.5	
6291	39500 39556	All other receipts All other operating receipts Remediation services	866 866 2 748	2 058 563 2 058 563 X	652 256 652 256 7 539 522	31.7 31.7 X	5.4 5.4 100.0	54 61
	36040 38300	Environmental consulting services	252 40	861 298 546 973	29 279 11 050	3.4 2.0	.4 .1	61
	38301 38302	Maintenance services for open nonhazardous waste disposal facilities  Maintenance services for closed nonhazardous waste disposal	37	545 332	4 293	.8	.1	
	38303	facilities Closure services for nonhazardous waste disposal facilities	27 7	26 599 12 788	597 6 160	2.2 48.2	.1 .1	
	38350 38360 38380 38390 38410 38420 38421	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	17 13 10 10 22 235 92	45 456 516 033 15 671 15 671 82 584 567 823 348 501	2 361 251 100 50 40 185 78 626 23 031	5.2 Z .6 .3 48.7 13.8 6.6	Z Z Z Z .5 1.0	61
	38422 38423	Hazardous waste collection services Hazardous waste removal from holding facilities, including testing and cleaning	124 86	281 376 293 214	41 391 14 204	14.7	.5 .2	
	38430	Hazardous waste transportation services, excluding collection and disposal	71	622 574	19 439	3.1	.3	
	38440 38441 38442	Hazardous waste disposal services by confinement	73 70 7	91 906 80 028 19 406	10 656 7 135 3 521	11.6 8.9 18.1	.1 .1 Z	61.
	38450	Hazardous waste disposal services by other method other than confinement	10	36 214	3 415	9.4	z	

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				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	with the product line	All estab- lishments <sup>1</sup>	Response coverage (percent
6291		Remediation services—Con.						
	38460 38462 38463	Hazardous waste disposal facilities, maintenance and closure	33 20 10	31 082 11 803 1 220	8 967 8 287 216	28.8 70.2 17.7	.1 .1 Z	54.4 )
	38470	Hazardous waste and recyclable material consolidation, storage and	10	1 220	210	17.7	-	•
	38471 38472	preparation services Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation services	65 63 9	759 882 753 752 554 372	74 262 57 011 17 251	9.8 7.6 3.1	1.0	61.
	38480 38481 38482	Hazardous waste treatment services	56 7 13	648 334 511 330 520 736	14 566 573 3 203	2.2 .1 .6	.2 Z Z Z Z Z	61.
	38483 38486 38492	Oils, greases, oily mixtures, and residues Heavy metal solutions, sludges, and residues Polychlorinated biphenyls (PCB) waste Other hazardous waste	7 17 19	508 560 546 719 16 970	1 403 496 506	.3 .1 3.0		
	38510 38550 38560	Sale or brokerage of hazardous waste Hazardous waste to energy generation Hazardous waste environmental audit and advisory services	21 9 38	23 114 37 476 40 041	1 256 4 471 527	5.4 11.9 1.3	Z .1 Z Z	;
	38570 38630	All other hazardous waste management services Building remediation services	52 1 675	27 502 3 911 116	1 559 2 515 492	5.7 64.3	Z 33.4	57.
	38631 38632 38633 38634	Asbestos contamination Lead paint contamination Radon contamination Other contamination	1 470 926 29 523	3 692 212 2 023 670 621 162 1 032 114	2 000 631 203 723 58 204 252 934	54.2 10.1 9.4 24.5	26.5 2.7 .8 3.4	57
	38640 38650 38670	Consulting services related to waste management	78 514 223	124 444 1 625 966 425 369	8 238 344 151 223 892	6.6 21.2 52.6	.1 4.6 3.0	
	38680 38710	Other products related to remediation, including sale and rental or leasing of remediation equipment	138	1 438 949	1 267 559	88.1	16.8	
	38710	Subconfracted collection services of nonhazardous waste and recyclable material.  Nonhazardous waste and recyclable material collection services,	93	226 176	17 845	7.9	.2	
	38721 38722 38723	residential Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential Nonhazardous waste and recyclable material collection services,	90 78 13	153 678 146 837 45 693	4 446 3 487 913	2.9 2.4 2.0	.1 Z Z	61
	38730	presorted, residential	12	6 841	46	.7	Z	
	38731 38732	Nonhazardous waste and recyclable material collection services, non- residential Nonhazardous waste collection services, non-residential Nonhazardous recyclable material collection services, non-	230 210	901 047 339 536	49 590 35 098	5.5 10.3	.7 .5	60
	38733	residential  Nonhazardous waste and recyclable material collection services, presorted, non-residential	56 42	611 950 81 540	7 965 6 527	1.3 8.0	.1	
	38740	Nonhazardous waste destruction services	32	56 286	3 190	5.7	z	61
	38742 38750	Destruction services for other nonhazardous items  Other nonhazardous waste collection services	32 118	56 286 697 965	2 814 32 280	5.0 4.6	Z .4	60
	38751 38752	Snowplowing services	14 21	13 463 11 996	187 247	1.4 2.1	.4 Z Z Z	
	38753 38756	Septic tank cleaning and maintenance services.  Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	16 91	25 305 169 618	1 061 29 537	4.2 17.4	4	
	38757	Other nonhazardous waste collection services, including runway vacuuming and beach maintenance and cleaning.	16	53 794	1 062	2.0	z	
	38760 38770	Nonhazardous waste collection from construction and demolition sites . Nonhazardous waste and recyclable material consolidation, storage,	135	186 442	11 086	5.9	.1	
	38771	and preparation services Operation of nonhazardous waste transfer facilities	17 17	106 180 106 180	26 520 26 520	25.0 25.0	.4 .4	34
	38780 38781 38782	Nonhazardous waste and recyclable material transportation services  Nonhazardous waste transportation services  Nonhazardous recyclable material transportation services	225 225 89	965 559 965 559 147 402	57 167 49 884 7 283	5.9 5.2 4.9	.8 .7 .1	61
	38790 38791 38792 38793	Nonhazardous waste disposal services Nonhazardous waste landfill disposal services Nonhazardous waste incineration disposal services Other nonhazardous waste disposal services	61 31 23 10	129 084 71 262 45 881 17 320	9 192 3 541 1 766 3 885	7.1 5.0 3.8 22.4	.1 Z Z .1	55
	38810	Site remediation services	1 205	3 338 044	2 230 669	66.8	29.6	
	38811 38812	Site assessment services	350 210	1 357 633 1 118 642 158 867	70 640 95 905 18 336	5.2 8.6	.9 1.3	53
	38813 38814 38815	Site remediation clean-up services - air Site remediation clean-up services - water Site remediation clean-up services - soil	161 461 816	1 732 353 2 667 114	215 214 784 249	11.5 12.4 29.4	.2 2.9 10.4	
	38816 38817	Site remediation clean-up services - other	393 96	1 257 914 801 514	582 224 19 316	46.3 2.4	7.7	
	38818 38819	Control, containment, and monitoring services - water	177 168	897 049 866 713	42 511 26 777	4.7 3.1	.6 .4	
	38821 38822	Control, containment, and monitoring services - other Other site remediation services	62 179	699 513 1 031 069	25 440 350 057	3.6 34.0	.3 4.6	
	39000 39059	Merchandise sales Sales of other merchandise, not specified by type	91 91	325 440 325 440	45 879 45 879	14.1 14.1	.6 .6	61.
	39500 39556	All other receipts	432 432	1 392 270 1 392 270	390 527 390 527	28.1 28.1	5.2 5.2	61.

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				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage (percent
62910		Remediation services	2 748	x	7 539 522	x	100.0	61.
	36040 38300 38301	Environmental consulting services	252 40	861 298 546 973	29 279 11 050	3.4 2.0	.4	61.
	38302	facilities	37	545 332	4 293	.8	.1	
	38303	facilities  Closure services for nonhazardous waste disposal facilities	27 7	26 599 12 788	597 6 160	2.2 48.2	Z .1	
	38350	Sale or brokerage of nonhazardous waste, including compost and						
	38360	recovered methane gas, not specified by type	17 13	45 456 516 033	2 361 251	5.2 Z	Z Z Z Z .5	
	38380 38390	Rental or leasing of nonhazardous waste management equipment  Nonhazardous waste to energy generation	10 10	15 671 15 671	100 50	.6 .3	Z   Z	
	38410 38420	All other nonhazardous waste management services	22 235	82 584 567 823	40 185 78 626	48.7 13.8	.5 1.0	61.
	38421 38422	Subcontracted hazardous waste collection services Hazardous waste collection services	92 124	348 501 281 376	23 031 41 391	6.6 14.7	.3	0.
	38423	Hazardous waste removal from holding facilities, including testing and	86		14 204		.2	
	38430	cleaning Hazardous waste transportation services, excluding collection and	00	293 214	14 204	4.8	.2	
	38440	disposal	71 73	622 574 91 906	19 439 10 656	3.1 11.6	.3	61
	38441 38442	Landfilling Other, including deep well storage and above ground containment	70 70 7	80 028 19 406	7 135 3 521	8.9	.1 Z	01
	38450	Hazardous waste disposal services by other method other than	/	19 406	3 321	18.1	2	
	38460	confinement Hazardous waste disposal facilities, maintenance and closure	10 33	36 214 31 082	3 415 8 967	9.4 28.8	Z .1	54
	38462	Hazardous waste maintenance services for closed disposal facilities,	20	11 803	8 287	70.2		
	38463	including monitoring Closure services for hazardous waste disposal facilities	10	1 220	216	17.7	.1 Z	
	38470	Hazardous waste and recyclable material consolidation, storage and preparation services	65	759 882	74 262	9.8	1.0	61
	38471 38472	Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation	63	753 752	57 011	7.6	.8	01
	30472	services	9	554 372	17 251	3.1	.2	
	38480 38481	Hazardous waste treatment services	56 7	648 334 511 330	14 566 573	2.2	.2	61
	38482 38483	Oils, greases, oily mixtures, and residues Heavy metal solutions, sludges, and residues	13 7	520 736 508 560	3 203 1 403	.6	Ž	
	38486 38492	Polychlorinated biphenyls (PCB) waste	17 19	546 719 16 970	496 506	.3 .1 3.0	.2 Z Z Z Z Z	
	38510	Sale or brokerage of hazardous waste	21	23 114	1 256	5.4	I .	
	38550 38560	Hazardous waste to energy generation	9 38	37 476 40 041	4 471 527	11.9	Z .1 Z Z	
	38570	All other hazardous waste management services Building remediation services	52 1 675	27 502 3 911 116	1 559 2 515 492	5.7 64.3	Z 33.4	57
	38630 38631	Asbestos contamination	1 470	3 692 212	2 000 631	54.2	26.5	57
	38632 38633	Lead paint contamination	926 29	2 023 670 621 162	203 723 58 204	10.1 9.4	2.7	
	38634	Other contamination	523	1 032 114	252 934	24.5	3.4	
	38640 38650	Consulting services related to waste management	78 514	124 444 1 625 966	8 238 344 151	6.6 21.2	.1 4.6	
	38670 38680	Other remediation servicesOther products related to remediation, including sale and rental or	223	425 369	223 892	52.6	3.0	
	38710	leasing of remediation equipment	138	1 438 949	1 267 559	88.1	16.8	
	38720	recyclable material	93	226 176	17 845	7.9	.2	
	38721	residential	90 78	153 678 146 837	4 446 3 487	2.9 2.4	.1 Z Z	61
	38722 38723	Nonhazardous recyclable material collection services, residential Nonhazardous waste and recyclable material collection services, presorted, residential	13 12	45 693 6 841	913 46	2.0	z z	
	38730	Nonhazardous waste and recyclable material collection services, non-	12	0 041	40	.,	-	
	38731	residential	230 210	901 047 339 536	49 590 35 098	5.5 10.3	.7 .5	60
	38732	Nonhazardous recyclable material collection services, non- residential	56	611 950	7 965	1.3	.1	
	38733	Nonhazardous waste and recyclable material collection services, presorted, non-residential	42	81 540	6 527	8.0	.1	
	38740	Nonhazardous waste destruction services	32	56 286	3 190	5.7		61
	38742	Destruction services for other nonhazardous items	32	56 286	2 814	5.0	Z Z	
	38750 38751	Other nonhazardous waste collection services	118 14	697 965 13 463	32 280 187	4.6 1.4	.4	60
	38752 38753	Street or parking lot cleaning services	21	11 996	247	2.1	.4 Z Z Z	
	38756	Septic tank cleaning and maintenance services		25 305	1 061	4.2		
	38757	and drain facilities, including sewer rodding and cleaning  Other nonhazardous waste collection services, including runway	91	169 618	29 537	17.4	.4	
	00700	vacuuming and beach maintenance and cleaning.	16	53 794	1 062	2.0	Z	
	38760 38770	Nonhazardous waste collection from construction and demolition sites . Nonhazardous waste and recyclable material consolidation, storage,	135	186 442	11 086	5.9	.1	
	38771	and preparation services	17 17	106 180 106 180	26 520 26 520	25.0 25.0	.4 .4	34

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NAICS Code line  562910  562910  387 387 387 387 387 387 387 388 388 38	2002 Product ine code 88780 88781 88782	Kind of business and product line				As percent of of-		
381 387 387 387 387 388 388 388 388 388 388	8781					Estab- lishments		
381 387 387 387 387 388 388 388 388 388 388	8781		Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
387 387 387 387 388 388 388 388 388 388	8781	Remediation services—Con.						
381 381 381 381 381 381 381 381 381 381		Nonhazardous waste and recyclable material transportation services Nonhazardous waste transportation services Nonhazardous recyclable material transportation services	225 225 89	965 559 965 559 147 402	57 167 49 884 7 283	5.9 5.2 4.9	.8 .7 .1	61.7 X X
381 381 381 381 381 381 381 381 381 391 392 392 393 393 393 393 393 393 393 393	88790 88791 88792 88793	Nonhazardous waste disposal services . Nonhazardous waste landfill disposal services . Nonhazardous waste incineration disposal services . Other nonhazardous waste disposal services .	61 31 23 10	129 084 71 262 45 881 17 320	9 192 3 541 1 766 3 885	7.1 5.0 3.8 22.4	.1 Z Z .1	55.9 X X X
390 399 399 56292 380 380 380 380 380 380 380 380 380 380	88810 88811 88812 88813 88814 88815 88816 88817 88818 88818 88818 88818	Site remediation services Site assessment services Site remediation planning services Site remediation planning services - air Site remediation clean-up services - water Site remediation clean-up services - soil Site remediation clean-up services - other Control, containment, and monitoring services - air Control, containment, and monitoring services - water Control, containment, and monitoring services - soil Control, containment, and monitoring services - soil Control, containment, and monitoring services - other Other site remediation services	1 205 350 210 161 461 816 393 96 177 168 62 179	3 338 044 1 357 633 1 118 642 158 867 1 732 353 2 667 114 1 257 914 801 514 897 049 866 713 699 513 1 031 069	2 230 669 70 640 95 905 18 336 215 214 784 249 582 224 19 316 42 511 26 777 25 440 350 057	66.8 5.2 8.6 11.5 12.4 29.4 46.3 2.4 4.7 3.1 3.6 34.0	29.6 .9 1.3 .2 2.9 10.4 7.7 .3 .6 .4 .3 4.6	53.2 X X X X X X X X X X X X X X X X X X X
395 56292 383 383 383 383 383 383 383	89000 89059	Merchandise sales. Sales of other merchandise, not specified by type	91 91	325 440 325 440	45 879 45 879	14.1 14.1	.6 .6	61.7 X
56292 383 383 383 383 383 383 383	9500 9556	All other receipts All other operating receipts	432 432	1 392 270 1 392 270	390 527 390 527	28.1 28.1	5.2 5.2	61.7 X
383 383 383 383 384	3330	Materials recovery facility	938	X	1 834 825	X	100.0	25.0
383 383 383 384	88300 88303	Nonhazardous waste disposal facilities, maintenance and closure Closure services for nonhazardous waste disposal facilities	7 7	53 572 53 572	36 36	.1 .1	Z Z	25.0 X
	88350 88360 88380 88390 88410 88420	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	28 185 7 14 28 7 7	81 625 416 098 27 981 81 553 28 729 53 572 53 572	16 124 221 073 310 14 939 401 128 128	19.8 53.1 1.1 18.3 1.4 .2	.9 12.0 Z .8 Z Z Z	X X X X 25.0
384	88470 88471 88472	Hazardous waste and recyclable material consolidation, storage and preparation services Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation	7 7	28 382 28 382	26 248 1 258	92.5 4.4	1.4	25.0 X
384 384	88480 88482 88486 88489	Hazardous waste treatment services	7 28 7 21	28 382 62 874 53 571 9 303	24 990 2 535 832 1 564 139	4.0 1.6 16.8	1.4 .1 Z .1 Z	25.0 X X X
385	8520	Used tires	7	53 571 28 382	620	.3 2.2	z	×
	88710 88720	Subcontracted collection services of nonhazardous waste and recyclable material.  Nonhazardous waste and recyclable material collection services,	35	39 436	14 045	35.6	.8	Х
387 387	88721 88722 88723	residential  Nonhazardous waste collection services, residential  Nonhazardous recyclable material collection services, residential  Nonhazardous waste and recyclable material collection services, residential  Nonhazardous waste and recyclable material collection services.	28 14 14	33 562 32 550 32 550	24 752 12 025 12 155	73.8 36.9 37.3	1.3 .7 .7	25.0 X X
		presorted, residential	7	1 012	572	56.5	Z	Х
387	88730 88731 88732	Nonhazardous waste and recyclable material collection services, non- residential  Nonhazardous waste collection services, non-residential  Nonhazardous recyclable material collection services, non-	50 14	31 775 2 155	13 717 1 433	43.2 66.5	.7 .1	25.0 X
	8733	residential	21	21 510	11 006	51.2	.6	Х
38-	8740	presorted, non-residential  Nonhazardous waste destruction services	21	9 301 20 174	1 278 1 423	13.7 7.1	.1	25.0
387	88741	Destruction services for documents or files	28	20 174	1 423	7.1	.1	Х
387 387 387	88760 88770 88780 88781 88782	Nonhazardous waste collection from construction and demolition sites Nonhazardous waste and recyclable material consolidation, storage, and preparation services Nonhazardous waste and recyclable material transportation services Nonhazardous waste transportation services Nonhazardous recyclable material transportation services	937 106 35 71	27 780 1 824 033 233 859 88 345 145 514	274 1 445 929 22 746 8 450 14 296	1.0 79.3 9.7 9.6 9.8	78.8 1.2 .5	X 25.0 X X
387	8790	Nonhazardous waste disposal services	35	115 151	13 170	11.4	.7	25.0
390	88791 89000	Nonhazardous waste landfill disposal services  Merchandise sales	35 14	115 151 47 626	13 170 748	11.4	.7 Z	25.0
390		Sales of other merchandise, not specified by type	14	47 626	748	1.6	Z	X

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				s with the product line	Prod	luct line receipts		
2002 NAICS	2002 Product	Kind of business and product line				As percent of of-		
code	line code	Nind of business and product line	Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage (percent
2920		Materials recovery facility	938	х	1 834 825	х	100.0	25.0
	38300 38303	Nonhazardous waste disposal facilities, maintenance and closure	7 7	53 572 53 572	36 36	.1 .1	Z Z	25.
	38350	Sale or brokerage of nonhazardous waste, including compost and						
	38360 38380 38390 38410 38420 38421	recovered methane gas, not specified by type. Sale or brokerage of nonhazardous recyclable material. Rental or leasing of nonhazardous waste management equipment. Nonhazardous waste to energy generation All other nonhazardous waste management services. Hazardous waste collection and removal services. Subcontracted hazardous waste collection services.	28 185 7 14 28 7	81 625 416 098 27 981 81 553 28 729 53 572 53 572	16 124 221 073 310 14 939 401 128 128	19.8 53.1 1.1 18.3 1.4 .2	.9 12.0 Z .8 Z Z Z	25.
	38470 38471	Hazardous waste and recyclable material consolidation, storage and preparation services	7 7	28 382 28 382	26 248	92.5	1.4	25.
	38472	Hazardous waste transfer services Hazardous waste recyclable material recovery and preparation services	7	28 382	1 258 24 990	4.4 88.0	1.4	
	38480	Hazardous waste treatment services	28	62 874	2 535	4.0	.1 Z	25.
	38482 38486 38489	Oils, greases, oily mixtures, and residues	7 21 7	53 571 9 303 53 571	832 1 564 139	1.6 16.8 .3	.1 Z	
	38520	Sale or brokerage of hazardous recycled materials	7	28 382	620	2.2	z	
	38710 38720	Subcontracted collection services of nonhazardous waste and recyclable material.  Nonhazardous waste and recyclable material collection services,	35	39 436	14 045	35.6	.8	
	38721 38722 38723	Nonhazardous waste and recyclable material collection services, residential  Nonhazardous waste collection services, residential  Nonhazardous recyclable material collection services, residential  Nonhazardous waste and recyclable material collection services.	28 14 14	33 562 32 550 32 550	24 752 12 025 12 155	73.8 36.9 37.3	1.3 .7 .7	25
		presorted, residential	7	1 012	572	56.5	z	
	38730 38731 38732	Nonhazardous waste and recyclable material collection services, non- residential  Nonhazardous waste collection services, non-residential  Nonhazardous recyclable material collection services, non-	50 14	31 775 2 155	13 717 1 433	43.2 66.5	.7 .1	25
	38733	residential	21	21 510	11 006	51.2	.6	
	38740	presorted, non-residential	21 28	9 301 20 174	1 278 1 423	13.7 7.1	.1 .1	25
	38741	Destruction services for documents or files	28	20 174	1 423	7.1	.1	
	38760 38770	Nonhazardous waste collection from construction and demolition sites . Nonhazardous waste and recyclable material consolidation, storage, and preparation services	937	27 780 1 824 033	274 1 445 929	1.0 79.3	Z   78.8	
	38780 38781 38782	Nonhazardous waste and recyclable material transportation services  Nonhazardous waste transportation services  Nonhazardous recyclable material transportation services	106 35 71	233 859 88 345 145 514	22 746 8 450 14 296	9.7 9.6 9.8	1.2 .5 .8	25
	38790 38791	Nonhazardous waste disposal services	35 35	115 151 115 151	13 170 13 170	11.4 11.4	.7 .7	25
	39000 39059	Merchandise sales	14 14	47 626 47 626	748 748	1.6 1.6	Z Z	25
	39500 39556	All other receipts All other operating receipts	14 14	22 746 22 746	4 815 4 815	21.2 21.2	.3 .3	25
299		All other waste management services	3 660	x	2 804 480	x	100.0	54
	36040 38300	Environmental consulting services Nonhazardous waste disposal facilities, maintenance and closure	38 31	20 981 42 971	5 170 4 519	24.6 10.5	.2 .2	53
	38301 38302	Maintenance services for open nonhazardous waste disposal facilities	25	40 334	3 681	9.1	.1	
		facilities	9	6 179	838	13.6	Z	
	38350 38370	Sale or brokerage of nonhazardous waste, including compost and recovered methane gas, not specified by type	10 36	21 271 17 300	319 1 249	1.5 7.2	Z	
	38380 38410	Rental or leasing of nonhazardous waste management equipment All other nonhazardous waste management services	14 22	17 300 11 511 29 907	1 137 7 154	9.9 23.9	Z Z Z .3	
	38420 38422	Hazardous waste collection and removal services	11 7	24 180 13 186	3 556 1 602	14.7 12.1	.1	54
	38423	Hazardous waste removal from holding facilities, including testing and cleaning	7	16 148	1 954	12.1	.1	
	38430	Hazardous waste transportation services, excluding collection and disposal	7	78 014	1 295	1.7	z	
	38470 38472	Hazardous waste and recyclable material consolidation, storage and preparation services	7	12 095	891	7.4	z	54
		Hazardous waste recyclable material recovery and preparation services	7	12 095	643	5.3	Z	
	38640 38650	Consulting services related to waste management	12 15	3 515 36 749	632 2 428	18.0 6.6	.1	
	38710	Subcontracted collection services of nonhazardous waste and recyclable material	86	76 835	17 329	22.6	.6	
	38720	Nonhazardous waste and recyclable material collection services, residential	121	167 399	38 152	22.8	1.4	54
	38721 38722	Nonhazardous waste collection services, residential	114 13	160 451 26 137	35 523 2 384	22.1 9.1	1.3	

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

				s with the product line	Prod	uct line receipts		
2002 NAICS code	2002 Product line code	Kind of business and product line				As percent of of-		
			Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
56299		All other waste management services—Con.						
	38730	Nonhazardous waste and recyclable material collection services, non-residential	151	228 599	97 616	42.7	3.5	53.8
	38731 38732	Nonhazardous waste collection services, non-residential Nonhazardous recyclable material collection services, non- residential	128	183 905 132 160	81 618 13 362	44.4 10.1	2.9	x
	38750	Other nonhazardous waste collection services	3 660	2 804 480	2 302 189	82.1	82.1	49.7
	38751 38752	Snowplowing services	56 15	36 808 24 288	4 093 1 557	11.1 6.4	.1	) ) )
	38753 38754	Septic tank cleaning and maintenance services Portable toilet rental services	2 497 1 268	1 442 757 1 098 588	804 197 765 725	55.7 69.7	28.7 27.3	×
	38755 38756	Nonhazardous waste management for parks and other special event venues.	54	30 038	4 030	13.4	.1	×
	38757	Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning Other nonhazardous waste collection services, including runway	1 169	1 150 974	712 808	61.9	25.4	×
		vacuuming and beach maintenance and cleaning	27	21 642	9 779	45.2	.3	X
	38760 38770	Nonhazardous waste collection from construction and demolition sites Nonhazardous waste and recyclable material consolidation, storage,	27	19 203	2 120	11.0	.1	X
	38780	and preparation services	7 95	18 475 116 146	958 26 981	5.2 23.2	Z 1.0	53.9
	38781 38782	Nonhazardous waste transportation services	87 14	111 869 12 273	26 214 767	23.4 6.2	.9 Z	X
	38790 38791	Nonhazardous waste disposal services	62 40	58 367 39 710	7 039 5 653	12.1 14.2	.3 .2 Z	53.4 X
	38793	Other nonhazardous waste disposal services	22	18 657	1 386	7.4		X
	38810 38814	Site remediation services - water	30 16	47 472 41 509	5 239 1 850	11.0 4.5	.2 .1 Z Z	54.6 X
	38815 38818	Site remediation clean-up services - soil	16 9	30 162 5 315	1 247 263	4.1 4.9		х х х
	39000 39059	Merchandise sales	166 166	365 597 365 597	17 415 17 415	4.8 4.8	.6 .6	53.4 X
	39500 39556	All other receipts	420 420	643 547	256 914	39.9 39.9	9.2	52.7
562991	39330	All other operating receipts	2 906	643 547 X	256 914 1 966 642	X	9.2	X 48.9
	36040	Environmental consulting services	25	12 410	3 335	26.9	.2	Х
	38300 38301	Nonhazardous waste disposal facilities, maintenance and closure  Maintenance services for open nonhazardous waste disposal	27	26 164	4 251	16.2	.2	47.0
	38302	facilities Maintenance services for closed nonhazardous waste disposal	21	23 527 6 179	3 413 838	14.5 13.6	.2 Z	X
	38350	facilities	9	0 179	656	13.0		^
	38370	recovered methane gas, not specified by type	8 32	17 593 15 792	185 1 215	1.1 7.7	Z .1	X X X X
	38380 38410	Rental or leasing of nonhazardous waste management equipment All other nonhazardous waste management services	10 18	5 286 23 380	584 5 822	11.0 24.9	.1 Z .3 Z	X
	38640 38710	Consulting services related to waste management	12	3 515	632	18.0		
	38720	recyclable material.  Nonhazardous waste and recyclable material collection services,	38 98	57 230   165 757	12 863 38 077	22.5	.7 1.9	X 48.7
	38721 38722	residential Nonhazardous waste collection services, residential Nonhazardous recyclable material collection services, residential	91 13	158 809 26 137	35 448 2 384	22.3 9.1	1.8	46.7 X X
	38730	Nonhazardous waste and recyclable material collection services, non-						
	38731	residential	122 105	194 667 171 034	91 349 79 697	46.9 46.6	4.6 4.1	48.0 X
	38732	Nonhazardous recyclable material collection services, non-residential	26	110 069	10 341	9.4	.5	Х
	38750 38751	Other nonhazardous waste collection services	2 906 53	1 966 642 30 801	1 669 535 4 030	84.9 13.1	84.9	46.1 X
	38752 38753	Street or parking lot cleaning services	7 2 370	18 390 1 320 408	880 791 398	4.8 59.9	.2 Z 40.2	X X X X
	38754 38755	Portable toilet rental services	1 252	1 088 542	763 859	70.2	38.8	
	38756	venues	49	25 807	2 619	10.1	.1	X
	38757	and drain facilities, including sewer rodding and cleaning Other nonhazardous waste collection services, including runway	420	328 351	105 321	32.1	5.4	X
	38760	vacuuming and beach maintenance and cleaning	24 10	7 751 16 463	1 428 520	18.4	.1 Z	X
	38780 38781	Nonhazardous waste and recyclable material transportation services  Nonhazardous waste transportation services	78 78	91 530 91 530	24 409 24 153	26.7 26.4	1.2 1.2	48.1 X
	38790	Nonhazardous waste disposal services	47	38 167	6 335	16.6	.3	47.0
	38791 38793	Nonhazardous waste landfill disposal services	27 20	28 207 9 960	5 084 1 251	18.0 12.6	.3 .1	×
	38810 38818	Site remediation services  Control, containment, and monitoring services - water	17 7	14 763 162	1 544 8	10.5 4.9	.1 Z	48.9 X
	39000	Merchandise sales	45	46 984	5 844	12.4	.3	47.2
	39059 39500	Sales of other merchandise, not specified by type	45 230	46 984 266 696	5 844 93 546	12.4	.3	X 46.2
	39556	All other receipts	230	266 696   266 696	93 546 93 546	35.1 35.1	4.8 4.8	46

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

			Establishmen	ts with the product line	Prod	uct line receipts	<b>S</b>	
2002 NAICS	2002 Product	Kind of business and product line				As percent of of	total receipts	
code	line code	Name of Salamood and proceed and	Number	Total receipts (\$1,000)	Amount <sup>1</sup> (\$1,000)	Estab- lishments with the product line	All estab- lishments <sup>1</sup>	Response coverage <sup>2</sup> (percent)
562998		All other miscellaneous waste management services	754	Х	837 838	x	100.0	67.9
	36040 38420 38650 38710	Environmental consulting services Hazardous waste collection and removal services Environmental emergency response services including planning Subcontracted collection services of nonhazardous waste and	13 6 10	8 571 12 224 16 765	1 835 2 932 2 162	21.4 24.0 12.9	.2 .4 .3	X X X
	38720	recyclable material  Nonhazardous waste and recyclable material collection services,	48	19 605	4 466	22.8	.5	Х
	38721	residential	23 23	1 642 1 642	75 75	4.6 4.6	Z Z	67.9 X
	38730 38731 38732	Nonhazardous waste and recyclable material collection services, non- residential Nonhazardous waste collection services, non-residential Nonhazardous recyclable material collection services, non-	29 23	33 932 12 871	6 267 1 921	18.5 14.9	.7 .2	67.9 X
	30732	residential	6	22 091	3 021	13.7	.4	Х
	38750 38752 38753 38754 38756	Other nonhazardous waste collection services Street or parking lot cleaning services Septic tank cleaning and maintenance services Portable toilet rental services Cleaning and maintenance services for nonhazardous waste holding	754 8 127 16	837 838 5 898 122 349 10 046	632 654 677 12 799 1 866	75.5 11.5 10.5 18.6	75.5 .1 1.5 .2	58.3 X X X
	30730	and drain facilities, including sewer rodding and cleaning	749	822 623	607 487	73.8	72.5	Х
	38760 38780 38781 38782	Nonhazardous waste collection from construction and demolition sites . Nonhazardous waste and recyclable material transportation services . Nonhazardous waste transportation services . Nonhazardous recyclable material transportation services .	17 17 9 11	2 740 24 616 20 339 9 429	1 600 2 572 2 061 511	58.4 10.4 10.1 5.4	.2 .3 .2 .1	X 67.9 X X
	38790 38791	Nonhazardous waste disposal services	15 13	20 200 11 503	704 569	3.5 4.9	.1 .1	67.9 X
	38810 38814 38815	Site remediation services . Site remediation clean-up services - water	13 11 11	32 709 29 791 18 444	3 695 1 562 866	11.3 5.2 4.7	.4 .2 .1	67.9 X X
	39000 39059	Merchandise sales. Sales of other merchandise, not specified by type	121 121	318 613 318 613	11 571 11 571	3.6 3.6	1.4 1.4	66.5 X
	39500 39556	All other receipts	190 190	376 851 376 851	163 368 163 368	43.4 43.4	19.5 19.5	66.3 X

<sup>&</sup>lt;sup>1</sup>Product line receipts and/or product line percents may not sum to total due to exclusion of selected lines to avoid disclosing data for individual companies, due to rounding, and/or due to exclusion of lines that did not meet publication criteria.

<sup>2</sup>Receipts of establishments reporting product lines as percent of total receipts.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

# Table 4. Concentration by Largest Firms for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparably to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

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2002			Recei	ipts			Paid employees for pay period
NAICS code	Kind of business and largest firms based on receipts	Establishments (number)	Amount (\$1,000)	As percent of total	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	including March 12 (number)
562	Waste management and remediation services						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	18 405 2 009 2 141 2 646 2 824	51 213 352 20 952 675 23 350 797 26 799 118 29 919 222	100.0 40.9 45.6 52.3 58.4	12 178 484 4 068 698 4 726 449 5 533 725 6 371 028	2 894 861 994 434 1 161 912 1 351 662 1 555 268	331 042 99 290 111 040 131 221 152 054
5621	Waste collection						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	8 543 1 353 1 487 1 620 1 722	28 334 569 16 097 101 17 180 425 18 626 359 19 822 336	100.0 56.8 60.6 65.7 70.0	6 450 439 3 348 629 3 589 156 3 973 009 4 258 650	1 532 648 816 636 874 539 959 966 1 026 494	173 393 81 486 87 552 97 589 104 591
56211	Waste collection						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	8 543 1 353 1 487 1 620 1 722	28 334 569 16 097 101 17 180 425 18 626 359 19 822 336	100.0 56.8 60.6 65.7 70.0	6 450 439 3 348 629 3 589 156 3 973 009 4 258 650	1 532 648 816 636 874 539 959 966 1 026 494	173 393 81 486 87 552 97 589 104 591
562111	Solid waste collection						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	7 483 1 323 1 457 1 551 1 615	26 528 086 15 937 029 17 020 353 18 208 306 19 211 407	100.0 60.1 64.2 68.6 72.4	5 888 838 3 313 225 3 553 752 3 851 955 4 077 728	1 407 664 807 631 865 534 936 192 988 702	158 188 80 579 86 645 94 806 99 880
562112	Hazardous waste collection						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	488 73 97 126 166	1 407 592 509 698 702 135 917 997 1 114 560	100.0 36.2 49.9 65.2 79.2	402 165 154 956 203 479 259 862 317 280	89 113 30 132 41 957 55 721 68 510	10 196 3 755 4 975 6 488 7 788
562119	Other waste collection						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	572 20 25 38 68	398 891 67 454 103 657 169 502 245 053	100.0 16.9 26.0 42.5 61.4	159 436 22 902 37 865 66 490 99 691	35 871 5 227 8 589 14 751 22 265	5 009 623 967 1 540 2 497
5622	Waste treatment and disposal						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	2 516 481 721 837 920	10 699 956 4 590 160 5 866 077 7 377 147 8 456 191	100.0 42.9 54.8 68.9 79.0	2 108 511 776 022 1 036 729 1 381 835 1 576 660	512 899 186 385 253 321 339 587 386 941	49 824 15 568 22 714 30 005 33 987
56221	Waste treatment and disposal						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	2 516 481 721 837 920	10 699 956 4 590 160 5 866 077 7 377 147 8 456 191	100.0 42.9 54.8 68.9 79.0	2 108 511 776 022 1 036 729 1 381 835 1 576 660	512 899 186 385 253 321 339 587 386 941	49 824 15 568 22 714 30 005 33 987
562211	Hazardous waste treatment and disposal						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	696 152 191 235 280	3 466 331 1 274 678 1 792 487 2 493 817 2 949 832	100.0 36.8 51.7 71.9 85.1	984 554 426 547 531 776 738 719 846 658	235 944 100 722 124 651 177 452 204 232	21 566 8 818 11 167 15 024 17 506
562212	Solid waste landfill						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	1 504 535 550 588 632	5 339 476 3 393 483 3 770 434 4 146 223 4 497 219	100.0 63.6 70.6 77.7 84.2	792 535 429 204 489 295 544 372 614 084	196 573 108 192 124 104 136 751 153 706	21 266 10 461 12 055 13 257 15 016
562213	Solid waste combustors and incinerators						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	117 33 39 53 83	1 310 772 1 047 082 1 201 969 1 279 671 1 306 333	100.0 79.9 91.7 97.6 99.7	186 271 133 124 165 120 179 185 185 242	46 312 33 475 40 887 44 455 46 063	3 319 2 087 2 734 3 073 3 260
562219	Other nonhazardous waste treatment and disposal						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	199 24 29 45 76	583 377 351 519 413 945 479 158 539 265	100.0 60.3 71.0 82.1 92.4	145 151 81 122 97 452 119 119 133 900	34 070 19 143 23 057 28 251 31 647	3 673 1 885 2 279 2 789 3 200

## Table 4. Concentration by Largest Firms for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparably to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002			Rece	ipts			Paid employees for pay period
NAICS code	Kind of business and largest firms based on receipts	Establishments (number)	Amount (\$1,000)	As percent of total	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	including March 12 (number)
5629	Remediation and other waste management services						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	7 346 100 173 279 424	12 178 827 1 639 467 2 314 833 3 330 335 4 420 857	100.0 13.5 19.0 27.3 36.3	3 619 534 396 473 597 559 879 015 1 227 124	849 314 105 759 152 072 222 254 298 299	107 825 8 641 15 530 21 366 28 519
56291	Remediation services						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	2 748 8 54 143 233	7 539 522 1 347 915 1 833 358 2 556 043 3 444 073	100.0 17.9 24.3 33.9 45.7	2 302 993 304 366 450 469 678 376 956 858	540 350 79 315 115 241 171 447 228 857	63 614 7 418 9 991 14 741 21 806
562910	Remediation services						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	2 748 8 54 143 233	7 539 522 1 347 915 1 833 358 2 556 043 3 444 073	100.0 17.9 24.3 33.9 45.7	2 302 993 304 366 450 469 678 376 956 858	540 350 79 315 115 241 171 447 228 857	63 614 7 418 9 991 14 741 21 806
56292	Materials recovery facility						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	938 80 93 106 144	1 834 825 443 079 536 181 718 830 998 735	100.0 24.1 29.2 39.2 54.4	409 141 79 651 100 457 141 787 203 985	100 015 20 974 26 326 35 693 51 120	14 752 2 507 2 984 4 868 6 772
562920	Materials recovery facility						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	938 80 93 106 144	1 834 825 443 079 536 181 718 830 998 735	100.0 24.1 29.2 39.2 54.4	409 141 79 651 100 457 141 787 203 985	100 015 20 974 26 326 35 693 51 120	14 752 2 507 2 984 4 868 6 772
56299	All other waste management services						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	3 660 91 117 162 209	2 804 480 527 302 671 463 844 400 1 051 309	100.0 18.8 23.9 30.1 37.5	907 400 188 198 238 255 291 330 357 240	208 949 45 638 56 168 68 961 84 107	29 459 5 367 6 705 8 131 9 725
562991	Septic tank and related services						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	2 906 23 36 57 99	1 966 642 323 943 421 115 529 812 686 824	100.0 16.5 21.4 26.9 34.9	603 091 100 112 133 693 168 250 221 219	135 094 22 284 29 739 37 639 48 963	20 291 3 064 3 808 4 629 6 111
562998	All other miscellaneous waste management services						
	All firms 4 largest firms 8 largest firms 20 largest firms 50 largest firms	754 84 106 123 158	837 838 303 375 343 991 430 094 543 907	100.0 36.2 41.1 51.3 64.9	304 309 117 980 130 154 157 439 198 716	73 855 29 749 32 711 39 537 49 518	9 168 3 129 3 509 4 218 5 539

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

# Appendix A. Explanation of Terms

#### ANNUAL PAYROLL

Payroll includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation allowances, sick-leave pay, and employee contributions to qualified pension plans paid during the year to all employees and reported on Internal Revenue Service (IRS) Form 941 as taxable Medicare Wages and tips (even if not subject to income or FICA tax). Also included are tips and gratuities received by employees from patrons and reported to employers. If an employee works at more than one location, the payroll is included in the one location where they spend most of their time. Also included are salaries of members of professional service organizations or associations that operate under state professional corporation statutes and file a corporate federal income tax return. Excluded are payrolls of departments or concessions operated by other companies at the establishment; payments to or withdrawals by proprietors or partners of an unincorporated company; and annuities or supplemental unemployment compensation benefits, even if income tax was withheld. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the IRS on Form 941.

#### **ESTABLISHMENTS**

An establishment is a single physical location at which business is conducted and/or services are provided. It is not necessarily identical to a company or enterprise, which may consist of one establishment or more. Economic census figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other federal agencies were used instead of a census report, no information was available on the number of locations operated. Each economic census establishment was tabulated according to the physical location at which the business was conducted. The count of establishments represents those in business at any time during 2002.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted at a single location under a single ownership, separate establishment reports for each of the different activities were obtained in the census.

Leased service departments (separately owned businesses operated as departments or concessions of other service establishments or of retail businesses, such as a separately owned shoeshine parlor in a barber shop, or a beauty shop in a department store) are treated as separate service establishments for census purposes. Leased retail departments located in service establishments (e.g., a gift shop located in a hotel) are considered separate retail establishments.

#### **FIRMS**

A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. All establishments of subsidiary firms are included as part of the owning or controlling firm. For the economic census, the terms "firm" and "company" are synonymous.

#### FIRST-QUARTER PAYROLL

Represents payroll paid to persons employed at any time during the quarter January to March 2002.

#### PAID EMPLOYEES FOR PAY PERIOD INCLUDING MARCH 12

Paid employees consists of full- and part-time employees, including salaried officers and executives of corporations, who were on the payroll during the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations, and salaried members of professional service organizations or associations that operate under state professional corporation statutes and file corporate federal income tax returns. Not included are proprietors and partners of unincorporated businesses; employees of departments or concessions operated by other companies at the establishment; full- and part-time leased employees whose payroll was filed under an employee leasing company's Employer Identification Number (EIN); and temporary staffing obtained from a staffing service. The definition of paid employees is the same as that used by the Internal Revenue Service (IRS) on Form 941.

# **RECEIPTS**

Receipts (basic dollar volume measure for service establishments of firms subject to federal income tax). Includes gross receipts from customers or clients for services provided, from the use of facilities, and from merchandise sold in 2002 whether or not payment was received in 2002. For advertising agencies, travel industries, and other service establishments operating on a commission basis, receipts include commissions, fees, and other operating income, NOT gross billings and sales. Excise taxes on gasoline, liquor, tobacco, etc., that are paid by the manufacturer or wholesaler and passed on in the cost of goods purchased by the service establishment, are also included. The establishments share of receipts from departments, concessions, and vending and amusement machines operated by others are included as part of receipts. Receipts also include amounts received from the rental and leasing of vehicles, equipment, instruments, and tools; the total value of service contracts; market value of compensation received in lieu of cash; amounts received for work subcontracted to others; and dues and assessments from members and affiliates. Receipts from services performed for foreign parent firms, subsidiaries, and branches are included.

Receipts are net after deductions for refunds and allowances for merchandise returned by customers. Receipts do not include sales and other taxes (including Hawaii's General Excise Tax) collected directly from customers and paid directly to a local, state, or federal tax agency. Also excluded are gross receipts from departments and concessions operated by others; sales of used equipment previously rented or leased to customers; domestic intracompany transfers; proceeds from the sale of real estate (land and buildings), investments, or other assets (except inventory held for resale); income from interest, rental of real estate, dividends, contributions, and grants; receipts of foreign parent firms and subsidiaries; and other nonoperating income, such as franchise fees. Receipts do not include service receipts of manufacturers, wholesalers, retail establishments, or other businesses whose primary activity is other than service. They do, however, include receipts other than from services rendered (e.g., sale of merchandise to individuals or other businesses) by establishments primarily engaged in performing services and classified in the service industries.

# Appendix B. NAICS Codes, Titles, and Descriptions

# **PART 1. 2002 NAICS**

# **562 WASTE MANAGEMENT AND REMEDIATION SERVICES**

Industries in the Waste Management and Remediation Services subsector group comprise establishments engaged in the collection, treatment, and disposal of waste materials. This includes establishments engaged in local hauling of waste materials; operating materials recovery facilities (i.e., those that sort recyclable materials from the trash stream); providing remediation services (i.e., those that provide for the cleanup of contaminated buildings, mine sites, soil, or ground water); and providing septic pumping and other miscellaneous waste management services. There are three industry groups within the subsector that separate these activities into waste collection, waste treatment and disposal, and remediation and other waste management.

Excluded from this subsector are establishments primarily engaged in collecting, treating, and disposing waste through sewer systems or sewage treatment facilities that are classified in Industry 22132, Sewage Treatment Facilities, and establishments primarily engaged in long-distance hauling of waste materials that are classified in Industry 48423, Specialized Freight (except Used Goods) Trucking, Long-Distance. Also, there are some activities that appear to be related to waste management, but that are not included in this subsector. For example, establishments primarily engaged in providing waste management consulting services are classified in Industry 54162, Environmental Consulting Services.

# **5621 WASTE COLLECTION**

This industry comprises establishments primarily engaged in (1) collecting and/or hauling hazardous waste, nonhazardous waste, and/or recyclable materials within a local area and/or (2) operating hazardous or nonhazardous waste transfer stations. Hazardous waste collection establishments may be responsible for the identification, treatment, packaging, and labeling of wastes for the purposes of transport.

# **56211 WASTE COLLECTION**

This industry comprises establishments primarily engaged in (1) collecting and/or hauling hazardous waste, nonhazardous waste, and/or recyclable materials within a local area and/or (2) operating hazardous or nonhazardous waste transfer stations. Hazardous waste collection establishments may be responsible for the identification, treatment, packaging, and labeling of wastes for the purposes of transport.

# **562111 SOLID WASTE COLLECTION**

This industry comprises establishments primarily engaged in one or more of the following (1) collecting and/or hauling nonhazardous solid waste (i.e., garbage) within a local area; (2) operating nonhazardous solid waste transfer stations; and (3) collecting and/or hauling mixed recyclable materials within a local area.

# 562112 HAZARDOUS WASTE COLLECTION

This industry comprises establishments primarily engaged in collecting and/or hauling hazardous waste within a local area and/or operating hazardous waste transfer stations. Hazardous waste collection establishments may be responsible for the identification, treatment, packaging, and labeling of wastes for the purposes of transport.

#### **562119 OTHER WASTE COLLECTION**

This industry comprises establishments primarily engaged in collecting and/or hauling waste (except nonhazardous solid waste and hazardous waste) within a local area. Establishments engaged in brush or rubble removal services are included in this industry.

# **5622 WASTE TREATMENT AND DISPOSAL**

This industry comprises establishments primarily engaged in (1) operating waste treatment or disposal facilities (except sewer systems or sewage treatment facilities) or (2) the combined activity of collecting and/or hauling of waste materials within a local area and operating waste treatment or disposal facilities. Waste combustors or incinerators (including those that may produce byproducts such as electricity), solid waste landfills, and compost dumps are included in this industry.

#### **56221 WASTE TREATMENT AND DISPOSAL**

This industry comprises establishments primarily engaged in (1) operating waste treatment or disposal facilities (except sewer systems or sewage treatment facilities) or (2) the combined activity of collecting and/or hauling of waste materials within a local area and operating waste treatment or disposal facilities. Waste combustors or incinerators (including those that may produce byproducts such as electricity), solid waste landfills, and compost dumps are included in this industry.

# **562211 HAZARDOUS WASTE TREATMENT AND DISPOSAL**

This industry comprises establishments primarily engaged in: (1) operating treatment and/or disposal facilities for hazardous waste or (2) the combined activity of collecting and/or hauling of hazardous waste materials within a local area and operating treatment or disposal facilities for hazardous waste.

# **562212 SOLID WASTE LANDFILL**

This industry comprises establishments primarily engaged in (1) operating landfills for the disposal of nonhazardous solid waste or (2) the combined activity of collecting and/or hauling nonhazardous waste materials within a local area and operating landfills for the disposal of nonhazardous solid waste.

### **562213 SOLID WASTE COMBUSTORS AND INCINERATORS**

This industry comprises establishments primarily engaged in operating combustors and incinerators for the disposal of nonhazardous solid waste. These establishments may produce byproducts, such as electricity and steam.

# **562219 OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL**

This industry comprises establishments primarily engaged in (1) operating nonhazardous waste treatment and disposal facilities (except landfills, combustors, incinerators and sewer systems or sewage treatment facilities) or (2) the combined activity of collecting and/or hauling of nonhazardous waste materials within a local area and operating waste treatment or disposal facilities (except landfills, combustors, incinerators and sewer systems, or sewage treatment facilities. Compost dumps are included in this industry.

# **5629 REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES**

This industry group comprises establishments primarily engaged in remediation and other waste management services (except waste collection, waste treatment and disposal, and waste management consulting services).

# **56291 REMEDIATION SERVICES**

This industry comprises establishments primarily engaged in one or more of the following (1) remediation and cleanup of contaminated buildings, mine sites, soil, or ground water; (2) integrated mine reclamation activities, including demolition, soil remediation, waste water treatment, hazardous material removal, contouring land, and revegetation; and (3) asbestos, lead paint, and other toxic material abatement.

#### **562910 REMEDIATION SERVICES**

This industry comprises establishments primarily engaged in one or more of the following (1) remediation and cleanup of contaminated buildings, mine sites, soil, or ground water; (2) integrated mine reclamation activities, including demolition, soil remediation, waste water treatment, hazardous material removal, contouring land, and revegetation; and (3) asbestos, lead paint, and other toxic material abatement.

# **56292 MATERIALS RECOVERY FACILITIES**

This industry comprises establishments primarily engaged in (1) operating facilities for separating and sorting recyclable materials from nonhazardous waste streams (i.e., garbage) and/or (2) operating facilities where commingled recyclable materials, such as paper, plastics, used beverage cans, and metals, are sorted into distinct categories.

#### **562920 MATERIALS RECOVERY FACILITIES**

This industry comprises establishments primarily engaged in (1) operating facilities for separating and sorting recyclable materials from nonhazardous waste streams (i.e., garbage) and/or (2) operating facilities where commingled recyclable materials, such as paper, plastics, used beverage cans, and metals, are sorted into distinct categories.

#### **56299 ALL OTHER WASTE MANAGEMENT SERVICES**

This industry comprises establishments primarily engaged in waste management services (except waste collection, waste treatment and disposal, remediation, operation of materials recovery facilities, and waste management consulting services).

#### **562991 SEPTIC TANK AND RELATED SERVICES**

This industry comprises establishments primarily engaged in (1) pumping (i.e., cleaning) septic tanks and cesspools and/or (2) renting and/or servicing portable toilets.

# **562998 ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES**

This industry comprises establishments primarily engaged in providing waste management services (except waste collection, waste treatment and disposal, remediation, operation of materials recovery facilities, septic tank pumping and related services, and waste management consulting services).

# **PART 2. 1997 NAICS**

# **562 WASTE MANAGEMENT AND REMEDIATION SERVICES**

Industries in the Waste Management and Remediation Services subsector group comprise establishments engaged in the collection, treatment, and disposal of waste materials. This includes establishments engaged in local hauling of waste materials; operating materials recovery facilities (i.e., those that sort recyclable materials from the trash stream); providing remediation services (i.e., those that provide for the cleanup of contaminated buildings, mine sites, soil, or ground water); and providing septic pumping and other miscellaneous waste management services. There are three industry groups within the subsector that separate these activities into waste collection, waste treatment and disposal, and remediation and other waste management.

Excluded from this subsector are establishments primarily engaged in collecting, treating, and disposing waste through sewer systems or sewage treatment facilities that are classified in Industry 22132, Sewage Treatment Facilities, and establishments primarily engaged in long-distance hauling of waste materials that are classified in Industry 48423, Specialized Freight (except Used

Goods) Trucking, Long-Distance. Also, there are some activities that appear to be related to waste management, but that are not included in this subsector. For example, establishments primarily engaged in providing waste management consulting services are classified in Industry 54162, Environmental Consulting Services.

# **5621 WASTE COLLECTION**

This industry comprises establishments primarily engaged in (1) collecting and/or hauling hazardous waste, nonhazardous waste, and/or recyclable materials within a local area and/or (2) operating hazardous or nonhazardous waste transfer stations. Hazardous waste collection establishments may be responsible for the identification, treatment, packaging, and labeling of wastes for the purposes of transport.

#### **56211 WASTE COLLECTION**

This industry comprises establishments primarily engaged in (1) collecting and/or hauling hazardous waste, nonhazardous waste, and/or recyclable materials within a local area and/or (2) operating hazardous or nonhazardous waste transfer stations. Hazardous waste collection establishments may be responsible for the identification, treatment, packaging, and labeling of wastes for the purposes of transport.

# **562111 SOLID WASTE COLLECTION**

This industry comprises establishments primarily engaged in one or more of the following (1) collecting and/or hauling nonhazardous solid waste (i.e., garbage) within a local area; (2) operating nonhazardous solid waste transfer stations; and (3) collecting and/or hauling mixed recyclable materials within a local area.

# **562112 HAZARDOUS WASTE COLLECTION**

This industry comprises establishments primarily engaged in collecting and/or hauling hazardous waste within a local area and/or operating hazardous waste transfer stations. Hazardous waste collection establishments may be responsible for the identification, treatment, packaging, and labeling of wastes for the purposes of transport.

# **562119 OTHER WASTE COLLECTION**

This industry comprises establishments primarily engaged in collecting and/or hauling waste (except nonhazardous solid waste and hazardous waste) within a local area. Establishments engaged in brush or rubble removal services are included in this industry.

# **5622 WASTE TREATMENT AND DISPOSAL**

This industry comprises establishments primarily engaged in (1) operating waste treatment or disposal facilities (except sewer systems or sewage treatment facilities) or (2) the combined activity of collecting and/or hauling of waste materials within a local area and operating waste treatment or disposal facilities. Waste combustors or incinerators (including those that may produce byproducts such as electricity), solid waste landfills, and compost dumps are included in this industry.

# **56221 WASTE TREATMENT AND DISPOSAL**

This industry comprises establishments primarily engaged in (1) operating waste treatment or disposal facilities (except sewer systems or sewage treatment facilities) or (2) the combined activity of collecting and/or hauling of waste materials within a local area and operating waste treatment or disposal facilities. Waste combustors or incinerators (including those that may produce byproducts such as electricity), solid waste landfills, and compost dumps are included in this industry.

#### **562211 HAZARDOUS WASTE TREATMENT AND DISPOSAL**

This industry comprises establishments primarily engaged in: (1) operating treatment and/or disposal facilities for hazardous waste or (2) the combined activity of collecting and/or hauling of hazardous waste materials within a local area and operating treatment or disposal facilities for hazardous waste.

# **562212 SOLID WASTE LANDFILL**

This industry comprises establishments primarily engaged in (1) operating landfills for the disposal of nonhazardous solid waste or (2) the combined activity of collecting and/or hauling nonhazardous waste materials within a local area and operating landfills for the disposal of nonhazardous solid waste.

#### **562213 SOLID WASTE COMBUSTORS AND INCINERATORS**

This industry comprises establishments primarily engaged in operating combustors and incinerators for the disposal of nonhazardous solid waste. These establishments may produce byproducts, such as electricity and steam.

#### 562219 OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

This industry comprises establishments primarily engaged in (1) operating nonhazardous waste treatment and disposal facilities (except landfills, combustors, incinerators and sewer systems or sewage treatment facilities) or (2) the combined activity of collecting and/or hauling of nonhazardous waste materials within a local area and operating waste treatment or disposal facilities (except landfills, combustors, incinerators and sewer systems, or sewage treatment facilities. Compost dumps are included in this industry.

# **5629 REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES**

This industry group comprises establishments primarily engaged in remediation and other waste management services (except waste collection, waste treatment and disposal, and waste management consulting services).

# **56291 REMEDIATION SERVICES**

This industry comprises establishments primarily engaged in one or more of the following (1) remediation and cleanup of contaminated buildings, mine sites, soil, or ground water; (2) integrated mine reclamation activities, including demolition, soil remediation, waste water treatment, hazardous material removal, contouring land, and revegetation; and (3) asbestos, lead paint, and other toxic material abatement.

# **562910 REMEDIATION SERVICES**

This industry comprises establishments primarily engaged in one or more of the following (1) remediation and cleanup of contaminated buildings, mine sites, soil, or ground water; (2) integrated mine reclamation activities, including demolition, soil remediation, waste water treatment, hazardous material removal, contouring land, and revegetation; and (3) asbestos, lead paint, and other toxic material abatement.

# **56292 MATERIALS RECOVERY FACILITIES**

This industry comprises establishments primarily engaged in (1) operating facilities for separating and sorting recyclable materials from nonhazardous waste streams (i.e., garbage) and/or (2) operating facilities where commingled recyclable materials, such as paper, plastics, used beverage cans, and metals, are sorted into distinct categories.

#### **562920 MATERIALS RECOVERY FACILITIES**

This industry comprises establishments primarily engaged in (1) operating facilities for separating and sorting recyclable materials from nonhazardous waste streams (i.e., garbage) and/or (2) operating facilities where commingled recyclable materials, such as paper, plastics, used beverage cans, and metals, are sorted into distinct categories.

# **56299 ALL OTHER WASTE MANAGEMENT SERVICES**

This industry comprises establishments primarily engaged in waste management services (except waste collection, waste treatment and disposal, remediation, operation of materials recovery facilities, and waste management consulting services).

# **562991 SEPTIC TANK AND RELATED SERVICES**

This industry comprises establishments primarily engaged in (1) pumping (i.e., cleaning) septic tanks and cesspools and/or (2) renting and/or servicing portable toilets.

# **562998 ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES**

This industry comprises establishments primarily engaged in providing waste management services (except waste collection, waste treatment and disposal, remediation, operation of materials recovery facilities, septic tank pumping and related services, and waste management consulting services).

# Appendix C. Methodology

#### **SOURCES OF THE DATA**

For this sector, large- and medium-size firms, plus all firms known to operate more than one establishment, were sent report forms to be completed for each of their establishments and returned to the Census Bureau. For most very small firms, data from existing administrative records of other federal agencies were used instead. These records provide basic information on location, kind of business, receipts, payroll, number of employees, and legal form of organization.

Firms in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

- 1. Establishments sent a report form:
  - a. Large employers, i.e., all multiestablishment firms, and all employer firms with payroll above a specified cutoff. (The term "employers" refers to firms with one or more paid employees at any time during 2002 as shown in the active administrative records of other federal agencies.)
  - b. A sample of small employers, i.e., single-establishment firms with payroll below a specified cutoff in classifications for which specialized data precludes reliance solely on administrative records sources. The sample was stratified by industry and geography.
- 2. Establishments not sent a report form:
  - a. Small employers, i.e., single-establishment firms with payroll below a specified cutoff, not selected into the small employer sample. Although the payroll cutoff varies by kind of business, small employers not sent a report form generally include firms with less than 10 employees and represent about 10 percent of total receipts of establishments covered in the census. Data on receipts, payroll, and employment for these small employers were derived or estimated from administrative records of other federal agencies.
  - b. All nonemployers, i.e., all firms with no paid employees during 2002. Receipts information for these firms was obtained from administrative records of other federal agencies. Although consisting of many firms, nonemployers account for less than 10 percent of total receipts of all establishments covered in the census. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

# INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments are based on the *North American Industry Classification System, United States, 2002* manual. Changes between 1997 and 2002 affecting this sector are discussed in the text at the beginning of this report. Tables at www.census.gov/epcd/naics02/identify all industries that changed between the 1997 North American Industry Classification System (NAICS) and 2002 NAICS.

The method of assigning classifications and the level of detail at which establishments were classified depends on whether a report form was obtained for the establishment.

- 1. Establishments that returned a report form were classified on the basis of their self-designation, product line receipts, and responses to other industry-specific inquiries.
- 2. Establishments without a report form:
  - a. Small employers not sent a form were, where possible, classified on the basis of the most current kind-of-business classification available from one of the Census Bureau's current sample surveys or the 1997 Economic Census. Otherwise, the classification was obtained from administrative records of other federal agencies. If the census or administrative record classifications proved inadequate (none corresponded to a 2002 Economic Census classification in the detail required for employers), the firm was sent a brief inquiry requesting information necessary to assign a kind-of-business code.
  - b. Nonemployers were classified on the basis of information obtained from administrative records of other federal agencies.

#### RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census:

- inability to identify all cases in the actual universe;
- definition and classification difficulties;
- differences in the interpretation of questions;
- errors in recording or coding the data obtained; and
- other errors of collection, response, coverage, processing, and estimation for missing or misreported data.

Data presented in the Miscellaneous Subjects and the Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors. Specifically, these data are estimated based on information obtained from census report forms mailed to all large employers and to a sample of small employers in the universe. Sampling errors affect these estimates, insofar, as they may differ from results that would be obtained from a complete enumeration.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

The Census Bureau obtains limited information extracted from administrative records of other federal agencies, such as gross receipts from federal income tax records and employment and payroll from payroll tax records. This information is used in conjunction with other information available to the Census Bureau to develop estimates for nonemployers, small employers, and other establishments for which responses were not received in time for publication.

Key tables in this report include a column for "Percent of receipts from administrative records." This includes receipts information obtained from administrative records of other federal agencies. The "Percent of receipts estimated" includes receipts information that was imputed based on historic company ratios or administrative records, or on industry averages.

The Census Bureau recommends that data users incorporate this information into their analyses, as nonsampling error and sampling error could impact the conclusions drawn from economic census data.

#### TREATMENT OF NONRESPONSE

Census report forms included two different types of inquiries, "basic" and "industry-specific." Data for the basic inquiries, which include location, kind of business or operation, receipts, payroll, and number of employees, were available from a combination of sources for all establishments. Data for industry-specific inquiries, tailored to the particular kinds of business or operation covered by the report form, were available only from establishments responding to those inquiries.

Data for industry-specific inquiries in this sector were expanded in most cases to account for establishments that did not respond to the particular inquiry for which data are presented. Unless otherwise noted in specific reports, data for industry-specific inquiries were expanded in direct relationship to total receipts of all establishments included in the category. In a few cases, expansion on the basis of the receipts was not appropriate, and another basic data item was used as the basis for expansion of reported data to account for nonrespondents.

All reports in which industry-specific data were expanded include a coverage indicator for each publication category, which shows the receipts of establishments responding to the industry-specific inquiry as a percent of total receipts for all establishments for which data are shown. For some inquiries, coverage is determined by the ratio of total payroll or employment of establishments responding to the inquiry to total payroll or employment of all establishments in the category.

# **CONCENTRATION CATEGORIES**

Concentration categories are based on aggregate receipts of all establishments operated by the same firm in a given kind-of-business classification or group for which data are presented. For example, a firm operating two service establishments – a temporary help service (NAICS 561320) and a professional employer organization (NAICS 561330) – would be treated as two one-establishment firms at the most detailed NAICS level, and as a two-establishment firm in NAICS 5613.

# DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

# Appendix D. Geographic Notes

Not applicable for this report.

# Appendix E. Metropolitan and Micropolitan Statistical Areas

Not applicable for this report.

2002 Economic Census

U.S. Census Bureau, 2002 Economic Census