



2022 Commodity Flow Survey

YOUR RESPONSE IS REQUIRED BY LAW. Title 13, United States Code (U.S.C.), Sections 8(b), 131, and 193; and Title 49 U.S.C., Section 6302 authorize this collection. Sections 224 and 225 of Title 13 U.S.C. require your response. The U.S. Census Bureau is required by Section 9 of the same law to keep your information **CONFIDENTIAL** and use your responses only to produce statistics. The law also provides that copies of your report retained in your files are immune from legal process.

The Census Bureau is not permitted to publicly release your responses in a way that could identify your business, organization, or institution. Per Federal Cybersecurity Enhancement Act of 2015, your data are protected from cybersecurity risks through screening of the systems that transmit your data.

This collection has been approved by the Office of Management and Budget (OMB). The eight-digit OMB approval number is 0607-0932 and appears at the upper right of this page. Without this approval we could not conduct this survey.

BURDEN ESTIMATE STATEMENT: We estimate this survey will take an average of 1.5 to 2.5 hours to complete, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Factors such as company size, complexity, and activity will affect your time to complete the survey.

Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to erd.cfs.survey@census.gov. Be sure to use "ERD Survey Comments 0607-0932" as the subject.

Item A Company Information

Please provide the following information about your company.

CONTACT INFORMATION REGARDING THIS SURVEY

Name

Title

Phone Number (and extension)

Email

COMPANY NAME AND MAILING ADDRESS

Are the name and mailing address below correct?

☐

Yes, the name and mailing address are correct

☐

No, the name or mailing address is incorrect (Enter any corrections below).

Company Name 1

Company Name 2

Attention

Street Address

City, Town, Country (if outside the U.S.)

State

ZIP Code

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Item A Shipping Location Information

Are the name and shipping address below the correct name and shipping address from which this location ships?

- ☐ Yes, the name and shipping address are correct
- ☐ No, the name or shipping address is incorrect (Enter any corrections below).

Company Name 1

Company Name 2

Address

City

State

ZIP Code

Item B 2021 Total Annual Value of Shipments

The next question refers to the year 2021.

For 2021, please estimate the total annual value of shipments originating from this location, excluding freight charges and excise taxes \$.00

Item C Operating Status

Which of the following best describes this location's operating status during the week of ?

- ☐ In Operation
- ☐ In Operation — Sold or Acquired
- ☐ In Operation — No shipping activity during the week
- ☐ This facility does not ship
- ☐ Ceased Operation — permanently closed, out of business MM/DD/YYYY

Please provide Ceased Operation Date: →

Item D Total Number and Value of Outbound Shipments

If possible, please only provide shipments that originate from the specified shipping location when reporting CFS shipment data.

A. What was the total number of all outbound shipments for this location the week of ?

Number of outbound shipments.....

B. What was the total value of shipments for the week of , excluding freight charges and excise taxes? \$.00

Item E Hazardous Materials Shipments (asked for 2021 in Quarter 1 and 2022 in Quarter 4)

At any time during YYYY, did this location ship any hazardous materials (HAZMAT)?

- ☐ Yes
- ☐ Yes, but all shipments were excepted from Department of Transportation (DOT) packaging regulations
- ☐ No

Item F1 Shipment Reporting Options

Shipment reporting options for a single establishment

If there are 40 or fewer total shipments for the specified reporting period, provide information regarding each outbound shipment.

If there are more than 40 total shipments for the specified reporting period, provide information for a sample of the total number of outbound shipments. **Note:** The formula for number of shipments to report per week has changed from the 2017 Commodity Flow Survey (CFS) and it is more complex with more variations in 2022. Therefore, we do not provide a chart for how many shipments to report in this form. The requested number of shipments will display on the Shipment Reporting Options screen in the online survey.

Item F3 - Shipment Characteristics describes what information to include for each shipment.

Consolidated Spreadsheet Reporting (reporting for multiple establishments)

Provide a spreadsheet (XLS or XLSX) or CSV file containing information for each outbound shipment from your shipping locations for the specified reporting period.

Item F3 - Shipment Characteristics describes what information to include for each shipment.

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Item F3 Shipment Characteristics

Line No. (A)	Shipment ID Number (B)	Shipment Date (MM/DD/YYYY) (C)	Shipment Value (excluding freight charges and excise taxes) in whole dollars, for the entire shipment. Net selling value. Estimates are acceptable. (D)	Net Shipment Weight in pounds. Estimates acceptable. (E)	For shipments consisting of more than one commodity, report the description of the commodity that contributed the greatest weight of the shipment in columns (F) through (H).			Continue with column (I) on page 5
					Product or Commodity Description ¹ (F)	Is item climate or temperature controlled? (Y/N) ² (G)	Is item a hazardous material? Enter "UN" or "NA" number ¹ (H)	
Ex.1	123-5	02/08/2022	224,235	4,840	Mechanical machinery	Y		→
Ex.2	402H	02/08/2022	1,375	50,125	Sulfuric acid	N	1830	→
1								→
2								→
3								→
4								→
5								→
6								→
7								→
8								→
9								→
10								→
11								→
12								→
13								→
14								→
15								→
16								→
17								→
18								→
19								→
20								→

¹ In the case of multiple products or commodities in the same shipment, provide the description of the heaviest product or commodity.

² **Climate or Temperature-Controlled (Column G)** - A temperature-controlled shipment is defined as a shipment that needs to be, and is transported in a vehicle, container, or special packaging that regulates, or maintains the required temperature range (e.g. warm, cold, frozen) of the shipment during all phases of transportation. A climate-controlled shipment controls the humidity, ventilation, and carbon dioxide levels of the shipment during all phases of transportation.

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Item F3 Shipment Characteristics – *continued*

Line No. (A)	Shipment ID Number (B)	Shipment Date (MM/DD/YYYY) (C)	Shipment Value (excluding freight charges and excise taxes) in whole dollars, for the entire shipment. Net selling value. Estimates are acceptable. (D)	Net Shipment Weight in pounds. Estimates acceptable. (E)	For shipments consisting of more than one commodity, report the description of the commodity that contributed the greatest weight of the shipment in columns (F) through (H).			Continue with column (I) on page 7
					Product or Commodity Description ¹ (F)	Is item climate or temperature controlled? (Y/N) ² (G)	Is item a hazardous material? Enter "UN" or "NA" number ¹ (H)	
21								→
22								→
23								→
24								→
25								→
26								→
27								→
28								→
29								→
30								→
31								→
32								→
33								→
34								→
35								→
36								→
37								→
38								→
39								→
40								→

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U.S. Destination or U.S. Port of Exit (Complete for all shipments.) *For customer pick-ups, see below			Mode(s) of transport to U.S. destination. Enter all that apply in order used. Use codes at bottom.	Foreign Destination (for export shipments only) Note: In column (I) enter the U.S. port, airport, or border crossing of exit.			Export mode (L)
(I)			(J)	(K)			
City	State	ZIP Code		City	Country	Postal Code	

Mode of transport codes for columns (J) and (L):

- 1 - Parcel, U.S.P.S., or courier
- 2 - Company-owned truck
- 3 - For-hire truck
- 4 - Railroad

- 5 - Inland water
- L - Great Lakes
- 6 - Deep sea
- 7 - Pipeline

- 8 - Air
- 9 - Other mode *
- 0 - Unknown *
- C - Customer pick-up

*Please specify domestic mode of transportation used

Note: For customer pick-up, use the customer's address on file or use the origin ZIP Code if the final destination ZIP Code is unknown.

Item F3 Shipment Characteristics – *continued*

Line No. (A)	Shipment ID Number (B)	Shipment Date (MM/DD/YYYY) (C)	Shipment Value (excluding freight charges and excise taxes) in whole dollars, for the entire shipment. Net selling value. Estimates are acceptable. (D)	Net Shipment Weight in pounds. Estimates acceptable. (E)	For shipments consisting of more than one commodity, report the description of the commodity that contributed the greatest weight of the shipment in columns (F) through (H).			Continue with column (I) on page 9
					Product or Commodity Description ¹ (F)	Is item climate or temperature controlled? (Y/N) ² (G)	Is item a hazardous material? Enter "UN" or "NA" number ¹ (H)	
41								➔
42								➔
43								➔
44								➔
45								➔
46								➔
47								➔
48								➔
49								➔
50								➔
51								➔
52								➔
53								➔
54								➔
55								➔
56								➔
57								➔
58								➔
59								➔
60								➔

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Item F3 Shipment Characteristics – *continued*

Line No. (A)	Shipment ID Number (B)	Shipment Date (MM/DD/YYYY) (C)	Shipment Value (excluding freight charges and excise taxes) in whole dollars, for the entire shipment. Net selling value. Estimates are acceptable. (D)	Net Shipment Weight in pounds. Estimates acceptable. (E)	For shipments consisting of more than one commodity, report the description of the commodity that contributed the greatest weight of the shipment in columns (F) through (H).			Continue with column (I) on page 11
					Product or Commodity Description ¹ (F)	Is item climate or temperature controlled? (Y/N) ² (G)	Is item a hazardous material? Enter "UN" or "NA" number ¹ (H)	
61								→
62								→
63								→
64								→
65								→
66								→
67								→
68								→
69								→
70								→
71								→
72								→
73								→
74								→
75								→
76								→
77								→
78								→
79								→
80								→

¹ In the case of multiple products or commodities in the same shipment, provide the description of the heaviest product or commodity.

² **Climate or Temperature-Controlled (Column G)** - A temperature-controlled shipment is defined as a shipment that needs to be, and is transported in a vehicle, container, or special packaging that regulates, or maintains the required temperature range (e.g. warm, cold, frozen) of the shipment during all phases of transportation. A climate-controlled shipment controls the humidity, ventilation, and carbon dioxide levels of the shipment during all phases of transportation.

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Item F3 Shipment Characteristics – *continued*

Line No. (A)	Shipment ID Number (B)	Shipment Date (MM/DD/YYYY) (C)	Shipment Value (excluding freight charges and excise taxes) in whole dollars, for the entire shipment. Net selling value. Estimates are acceptable. (D)	Net Shipment Weight in pounds. Estimates acceptable. (E)	For shipments consisting of more than one commodity, report the description of the commodity that contributed the greatest weight of the shipment in columns (F) through (H).			Continue with column (I) on page 13
					Product or Commodity Description ¹ (F)	Is item climate or temperature controlled? (Y/N) ² (G)	Is item a hazardous material? Enter "UN" or "NA" number ¹ (H)	
81								→
82								→
83								→
84								→
85								→
86								→
87								→
88								→
89								→
90								→
91								→
92								→
93								→
94								→
95								→
96								→
97								→
98								→
99								→
100								→

¹ In the case of multiple products or commodities in the same shipment, provide the description of the heaviest product or commodity.

² **Climate or Temperature-Controlled (Column G)** - A temperature-controlled shipment is defined as a shipment that needs to be, and is transported in a vehicle, container, or special packaging that regulates, or maintains the required temperature range (e.g. warm, cold, frozen) of the shipment during all phases of transportation. A climate-controlled shipment controls the humidity, ventilation, and carbon dioxide levels of the shipment during all phases of transportation.

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U.S. Destination or U.S. Port of Exit (Complete for all shipments.) *For customer pick-ups, see below			Mode(s) of transport to U.S. destination. Enter all that apply in order used. Use codes at bottom.	Foreign Destination (for export shipments only) Note: In column (I) enter the U.S. port, airport, or border crossing of exit.			Export mode
(I)			(J)	(K)			
City	State	ZIP Code		City	Country	Postal Code	

Mode of transport codes for columns (J) and (L):

- 1 - Parcel, U.S.P.S., or courier
- 2 - Company-owned truck
- 3 - For-hire truck
- 4 - Railroad

- 5 - Inland water
- L - Great Lakes
- 6 - Deep sea
- 7 - Pipeline

- 8 - Air
- 9 - Other mode *
- 0 - Unknown *
- C - Customer pick-up

*Please specify domestic mode of transportation used

Note: For customer pick-up, use the customer's address on file or use the origin ZIP Code if the final destination ZIP Code is unknown.

Item H1 Hazardous Materials Supplemental Questions (asked for 2021 in Quarter 1 and 2022 in Quarter 4, if Item E is "Yes")

You previously reported shipping hazardous materials from this location in YYYY. In order to gather data about the various packaging types used to transport hazardous materials throughout the country, we will now collect additional information about the packaging of the hazardous materials most frequently shipped from this location.

When answering these questions, consider all hazardous materials shipped in the calendar year YYYY. In this survey, shipping refers to the movement of hazardous materials, by any mode of transportation (e.g., parcels, truck, railroad), from this location as part of commercial activity. This also includes hazardous materials picked up from this location by a customer.

Due to the nature of these questions, assistance may be needed from someone familiar with how hazardous materials are packaged and shipped (i.e., someone familiar with Environmental/Hazardous Materials Safety, Dangerous Goods Regulatory Compliance, or Logistics).

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Item H2 Hazardous Materials Shipments: Listing

Please provide up to 10 hazardous materials most frequently shipped from this location in YYYY, using DOT regulated packaging.

Line No.	UN or NA Number The four digit United Nations (UN) or North American (NA) number used to identify hazardous materials.	Text Description
Ex.	1203	Gasoline or petrol or motor spirit
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Item H3 Hazardous Materials Frequently Shipped

This survey will ask a series of questions about the packaging of up to three hazardous materials most frequently shipped from this location.

- a. List the UN/NA number of the most frequently shipped hazardous material in YYYY.

- b. List the UN/NA number of the SECOND most frequently shipped hazardous material in YYYY.

- c. List the UN/NA number of the THIRD most frequently shipped hazardous material in YYYY.

Item H4 Total Unique UN/NA Numbers

In YYYY, how many hazardous materials with unique UN/NA numbers were shipped from this location?

Total unique UN/NA numbers.....

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Item H5 UN/NA Outer Packaging: Most Frequently Shipped Hazardous Material

Hazmat reported in Item H3a

This next set of questions will ask you about the shipped hazardous material UN/NA:

In YYYY, what type of OUTER packaging was most frequently used to ship this hazardous material?

- ☐ Drum
- ☐ Wooden Barrel
- ☐ Jerrican
- ☐ Box
- ☐ Bag
- ☐ Composite Packaging
- ☐ Intermediate Bulk Container
- ☐ Cylinder
- ☐ Cargo Tank
- ☐ Portable Tank
- ☐ Tank Car
- ☐ Other Packaging – Please specify ↴

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Item H6 Hazardous Materials Shipments: Packaging

Performance Oriented Packaging (if applicable)

- a. For the most frequently used packaging of this hazardous material in YYYY, what was its average net weight?

Consider the packaging that was used the greatest number of times in YYYY as the most frequently used.

Average Net Weight..... lbs. If not pounds, please enter unit of measurement.....

- b. How many total packagings of this hazardous material were shipped in YYYY?

Total packagings

- c. What was the primary mode of transportation used to ship the most frequently used packaging of this hazardous material, in YYYY?

- ☐ Parcel, U.S.P.S., or courier
☐ Company-owned truck
☐ For-hire truck
☐ Railroad
☐ Inland water
☐ Great Lakes
☐ Deep sea
☐ Pipeline
☐ Air
☐ Other mode
☐ Unknown
☐ Customer pick-up

- d. For this hazardous material, please provide a UN packaging code for the most frequently used packaging.

UN Packaging Code - a marking permanently displayed on a container indicating that it has passed a series of UN packaging tests and conforms to a UN standard for shipping hazardous materials. The marking describes the characteristics of the packaging being transported.

Example: UN Packaging Code: 1A1/Y1.4/150/92/USA/RB/93RL

UN Packaging Code.....

- ☐ Check here if a UN Packaging Code is not available

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Item H6 **Hazardous Materials Shipments: Packaging – Continued**

Specification Packaging (if applicable)

- a. For this hazardous material, please provide a specification marking for the most frequently used packaging.

Specification Marking – a marking permanently displayed on a container indicating that it was built to conform to a specific standard for shipping hazardous materials.

Examples of Specification Markings

Cylinders: 3AA/3AAX; 3AL; 4BA/4BW; 8/8AL; Specification 39 (non-refillable)

Cargo Tanks: DOT 406, 407, 412; MC 331, 338

Portable Tanks: T11, T50, T75; DOT Specification 60

Tank Cars: DOT 105, 111, 113, 117

Specification Marking

☐ Check here if a Specification Marking is not available

- b. For the most frequently used packaging of this hazardous material in YYYY, what was its average net weight?

Consider the packaging that was used the greatest number of times in YYYY as the most frequently used.

Average Net Weight..... lbs.

If not pounds, please
enter unit of measurement.....

- c. What was the total amount of this hazardous material shipped in YYYY via this packaging type?

Total amount shipped..... lbs.

If not pounds, please
enter unit of measurement.....

- d. What was the primary mode of transportation used to ship this hazardous material, in YYYY?

☐ Parcel, U.S.P.S., or courier

☐ Company-owned truck

☐ For-hire truck

☐ Railroad

☐ Inland water

☐ Great Lakes

☐ Deep sea

☐ Pipeline

☐ Air

☐ Other mode

☐ Unknown

☐ Customer pick-up

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Item H7 Hazardous Materials Shipments: Packaging Type and Materials

(applies to Performance Oriented Packaging when UN Packaging Code is unavailable)

For this hazardous material please select the packaging type and material. *Select only ONE.*

- ☐ Steel drum, non-removable head
- ☐ Steel drum, removable head
- ☐ Aluminum drum, non-removable head
- ☐ Aluminum drum, removable head
- ☐ Plywood drum
- ☐ Fiber drum
- ☐ Plastic drum, non-removable head
- ☐ Plastic drum, removable head
- ☐ Metal drum, non-removable head
- ☐ Metal drum, removable head

- ☐ Wooden barrel, bung type
- ☐ Wooden barrel, slack type, removable head

- ☐ Steel jerrican, non-removable head
- ☐ Steel jerrican, removable head
- ☐ Aluminum jerrican, non-removable head
- ☐ Aluminum jerrican, removable head
- ☐ Plastic jerrican, non-removable head
- ☐ Plastic jerrican, removable head

- ☐ Steel box
- ☐ Aluminum box
- ☐ Fiberboard box
- ☐ Wood box, ordinary
- ☐ Wood box, sift-proof walls
- ☐ Plywood box
- ☐ Reconstituted wood box
- ☐ Plastic box, expanded
- ☐ Plastic box, solid
- ☐ Metal Box

- ☐ Woven plastic bag, unlined or non-coated
- ☐ Woven plastic bag, sift-proof
- ☐ Woven plastic bag, water-resistant
- ☐ Plastic film bag
- ☐ Textile bag, unlined or non-coated

- ☐ Textile bag, sift-proof
- ☐ Textile bag, water-resistant
- ☐ Paper bag, multi-wall
- ☐ Paper bag, multi-wall water-resistant

Plastic receptacle within a protective:

- ☐ Steel drum
- ☐ Steel crate or box
- ☐ Aluminum drum
- ☐ Aluminum crate or box
- ☐ Wooden box
- ☐ Plywood drum
- ☐ Plywood box
- ☐ Fiber drum
- ☐ Fiberboard box
- ☐ Plastic drum
- ☐ Plastic box

Glass, porcelain, or stoneware receptacles within a protective:

- ☐ Steel drum
- ☐ Steel crate or box
- ☐ Aluminum drum
- ☐ Aluminum crate or box
- ☐ Wooden box
- ☐ Plywood drum
- ☐ Wickerwork hamper
- ☐ Fiber drum
- ☐ Fiberboard box
- ☐ Expanded plastic packaging
- ☐ Solid plastic packaging

- ☐ Metal Intermediate Bulk Container
- ☐ Rigid plastic Intermediate Bulk Container
- ☐ Composite Intermediate Bulk Container
- ☐ Fiberboard Intermediate Bulk Container
- ☐ Wooden Intermediate Bulk Container
- ☐ Flexible Intermediate Bulk Container

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Item H5 UN/NA Outer Packaging: Second Most Frequently Shipped Hazardous Material

Hazmat reported in Item H3b

This next set of questions will ask you about the shipped hazardous material UN/NA:

In YYYY, what type of OUTER packaging was most frequently used to ship this hazardous material?

- ☐ Drum
- ☐ Wooden Barrel
- ☐ Jerrican
- ☐ Box
- ☐ Bag
- ☐ Composite Packaging
- ☐ Intermediate Bulk Container
- ☐ Cylinder
- ☐ Cargo Tank
- ☐ Portable Tank
- ☐ Tank Car
- ☐ Other Packaging – Please specify ↴

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Item H6 Hazardous Materials Shipments: Packaging

Performance Oriented Packaging (if applicable)

- a. For the most frequently used packaging of this hazardous material in YYYY, what was its average net weight?
Consider the packaging that was used the greatest number of times in YYYY as the most frequently used.

Average Net Weight..... lbs. If not pounds, please enter unit of measurement.....

- b. How many total packagings of this hazardous material were shipped in YYYY?

Total packagings

- c. What was the primary mode of transportation used to ship the most frequently used packaging of this hazardous material, in YYYY?

- ☐ Parcel, U.S.P.S., or courier
☐ Company-owned truck
☐ For-hire truck
☐ Railroad
☐ Inland water
☐ Great Lakes
☐ Deep sea
☐ Pipeline
☐ Air
☐ Other mode
☐ Unknown
☐ Customer pick-up

- d. For this hazardous material, please provide a UN packaging code for the most frequently used packaging.

UN Packaging Code - a marking permanently displayed on a container indicating that it has passed a series of UN packaging tests and conforms to a UN standard for shipping hazardous materials. The marking describes the characteristics of the packaging being transported.

Example: UN Packaging Code: 1A1/Y1.4/150/92/USA/RB/93RL

UN Packaging Code.....

- ☐ Check here if a UN Packaging Code is not available

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Do Not Mail - Report Online

Item H6 **Hazardous Materials Shipments: Packaging – Continued**

Specification Packaging (if applicable)

- a. For this hazardous material, please provide a specification marking for the most frequently used packaging.

Specification Marking – a marking permanently displayed on a container indicating that it was built to conform to a specific standard for shipping hazardous materials.

Examples of Specification Markings

Cylinders: 3AA/3AAX; 3AL; 4BA/4BW; 8/8AL; Specification 39 (non-refillable)

Cargo Tanks: DOT 406, 407, 412; MC 331, 338

Portable Tanks: T11, T50, T75; DOT Specification 60

Tank Cars: DOT 105, 111, 113, 117

Specification Marking

☐ Check here if a Specification Marking is not available

- b. For the most frequently used packaging of this hazardous material in YYYY, what was its average net weight?

Consider the packaging that was used the greatest number of times in YYYY as the most frequently used.

Average Net Weight..... lbs.

If not pounds, please
enter unit of measurement.....

- c. What was the total amount of this hazardous material shipped in YYYY via this packaging type?

Total amount shipped..... lbs.

If not pounds, please
enter unit of measurement.....

- d. What was the primary mode of transportation used to ship this hazardous material, in YYYY?

☐ Parcel, U.S.P.S., or courier

☐ Company-owned truck

☐ For-hire truck

☐ Railroad

☐ Inland water

☐ Great Lakes

☐ Deep sea

☐ Pipeline

☐ Air

☐ Other mode

☐ Unknown

☐ Customer pick-up

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Do Not Mail - Report Online

Item H7 Hazardous Materials Shipments: Packaging Type and Materials

(applies to Performance Oriented Packaging when UN Packaging Code is unavailable)

For this hazardous material please select the packaging type and material. *Select only ONE.*

- ☐ Steel drum, non-removable head
- ☐ Steel drum, removable head
- ☐ Aluminum drum, non-removable head
- ☐ Aluminum drum, removable head
- ☐ Plywood drum
- ☐ Fiber drum
- ☐ Plastic drum, non-removable head
- ☐ Plastic drum, removable head
- ☐ Metal drum, non-removable head
- ☐ Metal drum, removable head

- ☐ Wooden barrel, bung type
- ☐ Wooden barrel, slack type, removable head

- ☐ Steel jerrican, non-removable head
- ☐ Steel jerrican, removable head
- ☐ Aluminum jerrican, non-removable head
- ☐ Aluminum jerrican, removable head
- ☐ Plastic jerrican, non-removable head
- ☐ Plastic jerrican, removable head

- ☐ Steel box
- ☐ Aluminum box
- ☐ Fiberboard box
- ☐ Wood box, ordinary
- ☐ Wood box, sift-proof walls
- ☐ Plywood box
- ☐ Reconstituted wood box
- ☐ Plastic box, expanded
- ☐ Plastic box, solid
- ☐ Metal Box

- ☐ Woven plastic bag, unlined or non-coated
- ☐ Woven plastic bag, sift-proof
- ☐ Woven plastic bag, water-resistant
- ☐ Plastic film bag
- ☐ Textile bag, unlined or non-coated

- ☐ Textile bag, sift-proof
- ☐ Textile bag, water-resistant
- ☐ Paper bag, multi-wall
- ☐ Paper bag, multi-wall water-resistant

Plastic receptacle within a protective:

- ☐ Steel drum
- ☐ Steel crate or box
- ☐ Aluminum drum
- ☐ Aluminum crate or box
- ☐ Wooden box
- ☐ Plywood drum
- ☐ Plywood box
- ☐ Fiber drum
- ☐ Fiberboard box
- ☐ Plastic drum
- ☐ Plastic box

Glass, porcelain, or stoneware receptacles within a protective:

- ☐ Steel drum
- ☐ Steel crate or box
- ☐ Aluminum drum
- ☐ Aluminum crate or box
- ☐ Wooden box
- ☐ Plywood drum
- ☐ Wickerwork hamper
- ☐ Fiber drum
- ☐ Fiberboard box
- ☐ Expanded plastic packaging
- ☐ Solid plastic packaging

- ☐ Metal Intermediate Bulk Container
- ☐ Rigid plastic Intermediate Bulk Container
- ☐ Composite Intermediate Bulk Container
- ☐ Fiberboard Intermediate Bulk Container
- ☐ Wooden Intermediate Bulk Container
- ☐ Flexible Intermediate Bulk Container

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Item H5 UN/NA Outer Packaging: Third Most Frequently Shipped Hazardous Material

Hazmat reported in Item H3c

This next set of questions will ask you about the shipped hazardous material UN/NA:

In YYYY, what type of OUTER packaging was most frequently used to ship this hazardous material?

- ☐ Drum
- ☐ Wooden Barrel
- ☐ Jerrican
- ☐ Box
- ☐ Bag
- ☐ Composite Packaging
- ☐ Intermediate Bulk Container
- ☐ Cylinder
- ☐ Cargo Tank
- ☐ Portable Tank
- ☐ Tank Car
- ☐ Other Packaging – Please specify ↴

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Item H6 Hazardous Materials Shipments: Packaging

Performance Oriented Packaging (if applicable)

- a. For the most frequently used packaging of this hazardous material in YYYY, what was its average net weight?
Consider the packaging that was used the greatest number of times in YYYY as the most frequently used.

Average Net Weight..... lbs. If not pounds, please enter unit of measurement.....

- b. How many total packagings of this hazardous material were shipped in YYYY?

Total packagings

- c. What was the primary mode of transportation used to ship the most frequently used packaging of this hazardous material, in YYYY?

- ☐ Parcel, U.S.P.S., or courier
☐ Company-owned truck
☐ For-hire truck
☐ Railroad
☐ Inland water
☐ Great Lakes
☐ Deep sea
☐ Pipeline
☐ Air
☐ Other mode
☐ Unknown
☐ Customer pick-up

- d. For this hazardous material, please provide a UN packaging code for the most frequently used packaging.

UN Packaging Code - a marking permanently displayed on a container indicating that it has passed a series of UN packaging tests and conforms to a UN standard for shipping hazardous materials. The marking describes the characteristics of the packaging being transported.

Example: UN Packaging Code: 1A1/Y1.4/150/92/USA/RB/93RL

UN Packaging Code.....

- ☐ Check here if a UN Packaging Code is not available

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Item H6 Hazardous Materials Shipments: Packaging – Continued

Specification Packaging (if applicable)

- a. For this hazardous material, please provide a specification marking for the most frequently used packaging.

Specification Marking – a marking permanently displayed on a container indicating that it was built to conform to a specific standard for shipping hazardous materials.

Examples of Specification Markings

Cylinders: 3AA/3AAX; 3AL; 4BA/4BW; 8/8AL; Specification 39 (non-refillable)

Cargo Tanks: DOT 406, 407, 412; MC 331, 338

Portable Tanks: T11, T50, T75; DOT Specification 60

Tank Cars: DOT 105, 111, 113, 117

Specification Marking

☐ Check here if a Specification Marking is not available

- b. For the most frequently used packaging of this hazardous material in YYYY, what was its average net weight?

Consider the packaging that was used the greatest number of times in YYYY as the most frequently used.

Average Net Weight..... lbs.

If not pounds, please
enter unit of measurement.....

- c. What was the total amount of this hazardous material shipped in YYYY via this packaging type?

Total amount shipped..... lbs.

If not pounds, please
enter unit of measurement.....

- d. What was the primary mode of transportation used to ship this hazardous material, in YYYY?

☐ Parcel, U.S.P.S., or courier

☐ Company-owned truck

☐ For-hire truck

☐ Railroad

☐ Inland water

☐ Great Lakes

☐ Deep sea

☐ Pipeline

☐ Air

☐ Other mode

☐ Unknown

☐ Customer pick-up

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Item H7 Hazardous Materials Shipments: Packaging Type and Materials

(applies to Performance Oriented Packaging when UN Packaging Code is unavailable)

For this hazardous material please select the packaging type and material. *Select only ONE.*

- ☐ Steel drum, non-removable head
- ☐ Steel drum, removable head
- ☐ Aluminum drum, non-removable head
- ☐ Aluminum drum, removable head
- ☐ Plywood drum
- ☐ Fiber drum
- ☐ Plastic drum, non-removable head
- ☐ Plastic drum, removable head
- ☐ Metal drum, non-removable head
- ☐ Metal drum, removable head

- ☐ Wooden barrel, bung type
- ☐ Wooden barrel, slack type, removable head

- ☐ Steel jerrican, non-removable head
- ☐ Steel jerrican, removable head
- ☐ Aluminum jerrican, non-removable head
- ☐ Aluminum jerrican, removable head
- ☐ Plastic jerrican, non-removable head
- ☐ Plastic jerrican, removable head

- ☐ Steel box
- ☐ Aluminum box
- ☐ Fiberboard box
- ☐ Wood box, ordinary
- ☐ Wood box, sift-proof walls
- ☐ Plywood box
- ☐ Reconstituted wood box
- ☐ Plastic box, expanded
- ☐ Plastic box, solid
- ☐ Metal Box

- ☐ Woven plastic bag, unlined or non-coated
- ☐ Woven plastic bag, sift-proof
- ☐ Woven plastic bag, water-resistant
- ☐ Plastic film bag
- ☐ Textile bag, unlined or non-coated

- ☐ Textile bag, sift-proof
- ☐ Textile bag, water-resistant
- ☐ Paper bag, multi-wall
- ☐ Paper bag, multi-wall water-resistant

Plastic receptacle within a protective:

- ☐ Steel drum
- ☐ Steel crate or box
- ☐ Aluminum drum
- ☐ Aluminum crate or box
- ☐ Wooden box
- ☐ Plywood drum
- ☐ Plywood box
- ☐ Fiber drum
- ☐ Fiberboard box
- ☐ Plastic drum
- ☐ Plastic box

Glass, porcelain, or stoneware receptacles within a protective:

- ☐ Steel drum
- ☐ Steel crate or box
- ☐ Aluminum drum
- ☐ Aluminum crate or box
- ☐ Wooden box
- ☐ Plywood drum
- ☐ Wickerwork hamper
- ☐ Fiber drum
- ☐ Fiberboard box
- ☐ Expanded plastic packaging
- ☐ Solid plastic packaging

- ☐ Metal Intermediate Bulk Container
- ☐ Rigid plastic Intermediate Bulk Container
- ☐ Composite Intermediate Bulk Container
- ☐ Fiberboard Intermediate Bulk Container
- ☐ Wooden Intermediate Bulk Container
- ☐ Flexible Intermediate Bulk Container

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Item I Time to Complete Survey

How long did it take to complete this questionnaire?
Include time to read instructions, to gather information, to enter and verify the data.

Hours

Minutes

Item J Remarks

Use this space to clarify your response or provide any feedback.
Include comments on any large or unusual shipments.

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