

# Do Not Submit - For Informational Purposes Only

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OMB No:0607-0998

Approval Expires:06/30/2025

## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

### Location Information

#### DEFINITION OF ESTABLISHMENT

The reporting unit for this questionnaire is an **establishment**. An establishment is generally a single physical location where business is conducted or where services or industrial operations are performed.

#### PHYSICAL ADDRESS

Please update the location's physical address if needed.

Name 1

Name 2

Store/Plant Number

Number and Street

City, town, village, etc.

State

Select State or Territory

ZIP Code

99999-9999

#### For Census Bureau Use Only

CFN

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Legal Boundary and Municipality

### LEGAL BOUNDARY AND MUNICIPALITY

Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

- Yes
- No
- No legal boundaries
- Do not know

In what type of municipality is this establishment physically located?

- City, village, or borough
- Town or township
- Other
- Do not know

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 1: Employer Identification Number

### ITEM 1: EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification Number (EIN) used on this establishment's latest 2022 Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?

Yes

No

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 1: Employer Identification Number - Enter/Update EIN

### ITEM 1: EMPLOYER IDENTIFICATION NUMBER

What is this establishment's 9-digit Employer Identification Number (EIN) used on its latest 2022 Internal Revenue Service Form 941, Employer's Federal Quarterly Tax Return?

EIN
99-9999999

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## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 3A: Operational Status

**ITEM 3A: OPERATIONAL STATUS**

Which of the following best describes this establishment's operational status at the end of 2022?

- In operation
- Under construction, development, or exploration
- Temporarily or seasonally inactive
- Ceased operation
- Sold or leased to another operator

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## 2022 Economic Census

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Item 3A: Operational Status - Ceased Operation Date

### ITEM 3A: OPERATIONAL STATUS - CEASED OPERATION DATE

What was the date this establishment ceased operation?

MMDDYYYY

MMDDYYYY



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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 3A: Operational Status - New Owner or Operator Information

### ITEM 3A: OPERATIONAL STATUS - NEW OWNER OR OPERATOR INFORMATION

What date was this establishment sold or leased to a new owner or operator?

MMDDYYYY

MMDDYYYY



What is the name, address, and 9-digit Employer Identification Number (EIN) of this establishment's new owner or operator?

Name of new owner/operator

Mailing Address (Number and Street, P.O. Box, etc.)

City, town, village, etc.

State

Select State or Territory

ZIP Code

99999-9999

EIN

99-9999999

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 3B: Months in Operation

### ITEM 3B: MONTHS IN OPERATION

What was the number of months in operation during 2022?

2022
▼

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## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 4: Primary Business or Activity

#### ITEM 4: PRIMARY BUSINESS OR ACTIVITY

Which ONE of the following best describes this establishment's **primary** kind of business or activity in 2022?

<input type="radio"/> Medicinal and botanical manufacturing	325411 001
<input type="radio"/> Pharmaceutical preparation manufacturing	325412 001
<input type="radio"/> In-vitro diagnostic substance manufacturing	325413 001
<input type="radio"/> Biological product (except diagnostic) manufacturing (including vaccines, toxoids, blood fractions, and culture media of plant or animal origin)	325414 001
<input type="radio"/> Other primary business or activity <i>(Describe and click the "Save and Continue" button to search.)</i>	779000 001

Select Sector



Describe primary business or activity

You selected:

- 9-character Code:
- 6-digit NAICS:

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## 2022 Economic Census

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### General Reporting Guidelines

#### GENERAL REPORTING GUIDELINES

##### Reporting Period

Responses should cover calendar year 2022.

- If your fiscal year covers at least 10 months of calendar year 2022, you may report by fiscal year on all items EXCEPT payroll.
- Calendar year figures for payroll may be available from:
  - IRS Form 941 (Employer's Quarterly Federal Tax Return)
  - IRS Form 944 (Employer's Annual Federal Tax Return)
- If you report by fiscal year, indicate the exact dates of the fiscal year on the submission certification screen.

##### Providing Estimates

If book figures are not available, estimates are acceptable.

##### How to Report Dollar Figures:

Dollar figures should be **rounded to thousands** of dollars.

##### EXAMPLE - DO NOT ENTER DATA

EXAMPLE - if a dollar figure is \$2,036,355.25, report 2036:

Check  
if  
None

2022  
\$  2036 ,000.00

##### EXAMPLE - DO NOT ENTER DATA

EXAMPLE - if a dollar figure is "0" (or less than \$500.00), check the None box:

Check  
if  
None

2022  
\$  ,000.00

##### How to Report Percents:

Percent should be **rounded to whole** percents.

##### EXAMPLE - DO NOT ENTER DATA

EXAMPLE - if figure is 38.76% of total sales, report 39:

2022  
39 %

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 5: Sales, Shipments, Receipts, or Revenue

### ITEM 5: SALES, SHIPMENTS, RECEIPTS, OR REVENUE (More)

A. What was the total value of products shipped and other receipts for this establishment?  
(Report detail in **Item 22**.)

**Include:**

- All products physically shipped from this establishment during 2022
- Products donated and physically shipped from this establishment during 2022
- Shipments to other domestic plants of your company for further assembly, fabrication, or manufacture

**Exclude:**

- Freight charges
- Excise taxes

Check  
if  
None

2022  
\$  ,000.00

B. What percent of the \$,000.00 reported in **Item 5**, line A was for goods that were ordered or whose movement was controlled or coordinated over electronic networks?

(Report whole percent.)

E-shipments are online orders accepted for manufactured products from customers. These include shipments to other domestic plants of your own company for further manufacture, assembly, or fabrication. The price and terms of sale for these shipments are negotiated over an online system. Payment may or may not be made online.

**Include:**

- Electronic Data Interchange (EDI)
- E-mail
- Internet
- Extranet
- Other online systems

%

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## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 7: Employment and Payroll

#### ITEM 7: EMPLOYMENT AND PAYROLL

##### Include:

- Full- and part-time employees working at this establishment (including employees working from home) whose payroll was reported on Internal Revenue Service Form 941, Employer's Quarterly Federal Tax Return, and filed under the Employer Identification Number (EIN)
- All persons on paid sick leave, paid holidays, and paid vacation during the year at this establishment

##### Exclude:

- Full- or part-time leased employees whose payroll was filed under an employee leasing company's EIN (Report values in **Item 16**, line D1.)
- Temporary staffing obtained from a staffing service (Report values in **Item 16**, line D1.)
- Purchased professional and technical services (Report values in **Item 16**, line D9.)
- Subcontractors and their employees (Report cost of contract work in **Item 16**, line A3.)
- Fishermen, agricultural employees, members of the Armed Forces, and pensioners carried on your active rolls

#### A. TOTAL EMPLOYMENT AND PAYROLL (More)

For all employees at this establishment, what was the:

<p>1. Total number of employees for the pay period including March 12? (Report details in Items 7B1 and 7C1.)</p> <p>2. Total annual payroll (before deductions)? (Report details in Items 7B2 and 7C2.)</p> <p><b>Exclude:</b> Employer-paid annual cost for fringe benefits reported in lines E1 through E3</p> <p>3. Total first quarter payroll (January - March)? (Report details in Items 7B3 and 7C3.)</p>	<table border="0"><tr><td><input type="checkbox"/></td><td>Check if None</td><td>2022 Number</td></tr><tr><td><input type="checkbox"/></td><td>2022</td><td>\$ <input type="text"/> ,000.00</td></tr><tr><td><input type="checkbox"/></td><td>\$ <input type="text"/> ,000.00</td><td></td></tr></table>	<input type="checkbox"/>	Check if None	2022 Number	<input type="checkbox"/>	2022	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	
<input type="checkbox"/>	Check if None	2022 Number								
<input type="checkbox"/>	2022	\$ <input type="text"/> ,000.00								
<input type="checkbox"/>	\$ <input type="text"/> ,000.00									

#### B. PRODUCTION WORKER EMPLOYMENT AND PAYROLL (More)

For **production** workers at this establishment (**direct labor including first-line supervisors**), what was the:

<p>1. Number of employees for the pay period including March 12?</p> <p><b>Include:</b></p> <ul style="list-style-type: none"><li>• Workers engaged in fabricating, processing, assembling, inspecting, receiving, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other closely associated services (including truck drivers delivering ready-mixed concrete)</li></ul> <p>2. Annual payroll (before deductions)?</p> <p>3. First quarter payroll (January - March)?</p>	<table border="0"><tr><td><input type="checkbox"/></td><td>Check if None</td><td>2022 Number</td></tr><tr><td><input type="checkbox"/></td><td>2022</td><td>\$ <input type="text"/> ,000.00</td></tr><tr><td><input type="checkbox"/></td><td>\$ <input type="text"/> ,000.00</td><td></td></tr></table>	<input type="checkbox"/>	Check if None	2022 Number	<input type="checkbox"/>	2022	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	
<input type="checkbox"/>	Check if None	2022 Number								
<input type="checkbox"/>	2022	\$ <input type="text"/> ,000.00								
<input type="checkbox"/>	\$ <input type="text"/> ,000.00									

#### C. NON-PRODUCTION EMPLOYMENT AND PAYROLL

For **non-production** employees at this establishment, what was the:

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1. Number of employees for the pay period including March 12?

**Include:**

- Officers at this establishment, if a corporation
- Supervision above line-supervisor level
- Sales employees, including delivery (truck driver and helpers)
- Advertising, clerical, credit, collection, purchasing, finance, legal, executive, and technical employees
- Employees installing and servicing this establishment's products

Check  
if  
None

2022 Number

**Exclude:**

- Proprietors and partners, if an unincorporated concern

2. Annual payroll (before deductions)?

2022

\$ ,000.00

3. First quarter payroll (January - March)?

2022

\$ ,000.00

### D. HOURS WORKED (More)

What was the **annual** number of hours worked by the **production** workers at this establishment (**direct labor including first-line supervisors**) reported in line B1?

Check  
if  
None

2022 Hours

### E. EMPLOYER-PAID ANNUAL COST FOR FRINGE BENEFITS (More)

What were the **employer's annual costs** at this establishment for:

1. **Health Insurance?** - Insurance premiums on hospitals, medical plans, and single-service plans such as dental, vision, and prescription drug plans

Check  
if  
None

2022 Hours

\$ ,000

2. **Retirement Plans?**

a. **Defined benefit pension plans (qualified and nonqualified)** - Plans that specify the benefit to be paid to employees upon retirement, generally either a specific amount or a percentage of compensation. Employer contributions are based on actuarial computations that include employee's compensation and years of service and are not allocated to specific accounts maintained for employees.

2022

\$ ,000.00

b. **Defined contribution plans** - Plans that define the employer contributions to a separate account provided for each employee. The employee "benefit" at retirement depends on the amount contributed and the results of the account's activity.

**Examples:**

- Profit sharing plans
- Money purchases (e.g., 401k, 403b)
- Stock bonus plans (e.g., ESOPs)

2022

\$ ,000.00

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### 3. Payroll taxes, employer-paid insurance premiums, and other employer-paid benefits?

#### Include:

- Legally-required fringe benefits (e.g., Social Security, workers compensation insurance, state disability insurance programs, long- and short- term disability, unemployment tax, and Medicare)
- "Quality of life" benefits (e.g., childcare assistance, education assistance, subsidized commuting)
- Other benefits not specified above

(More)

<input type="checkbox"/>	\$	,000.00
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### 4. TOTAL (Add lines E1 through E3.)

<input type="checkbox"/>	\$	,000.00
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## 2022 Economic Census

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Item 9: Value of Inventories

### ITEM 9: VALUE OF INVENTORIES (More)

*Report inventories at cost or market using generally accepted accounting practices, and report all inventories owned by this establishment regardless of where the inventories are held. If this establishment is part of a multiple-establishment company, assign to each establishment those inventories that the establishment is responsible for as if it owned them.*

What was the value of inventories **owned by this establishment** as of December 31 before Last-In, First-Out (LIFO) adjustment (if any) for:

<input type="checkbox"/> <b>A. Finished goods</b> ( <i>final output of this establishment, but still within ownership</i> )?	<input type="checkbox"/> <b>End of 2022</b> \$ <input type="text"/> ,000.00	<input type="checkbox"/> <b>End of 2021</b> \$ <input type="text"/> ,000.00
<input type="checkbox"/> <b>B. Work-in-process</b> ( <i>goods that have been substantially transformed in the manufacturing process, but are not yet the final output of the establishment</i> )?	\$ <input type="text"/> ,000.00	\$ <input type="text"/> ,000.00
<input type="checkbox"/> <b>C. Materials, supplies, fuels, etc.</b> ( <i>goods that are raw inputs to the manufacturing process and will be substantially altered to produce this establishment's output</i> )?	\$ <input type="text"/> ,000.00	\$ <input type="text"/> ,000.00
<b>TOTAL</b> (Add lines A through C.)	\$ <input type="text"/> ,000.00	\$ <input type="text"/> ,000.00

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## 2022 Economic Census

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Item 10: Inventories by Valuation Method

### ITEM 10: INVENTORIES BY VALUATION METHOD (More)

Of the \$,000.00 reported in **Item 9** as the total value of inventories **owned by this establishment** as of December 31, 2022, and the \$,000.00 reported in **Item 9** as the total value of inventories **owned by this establishment** as of December 31, 2021, how much is subject to the following valuation methods:

#### A. Non-LIFO (Last-In, First-Out) valuation methods

	Check if None	End of 2022	Check if None	End of 2021
1. First-In, First-Out (FIFO)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
2. Average Cost?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
3. Standard Cost?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
4. Other non-LIFO valuation method(s)?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
<b>TOTAL</b> (Add lines A1 through A4.)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
<b>B. LIFO Valuation Method (gross LIFO amount)?</b>	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
<b>TOTAL</b> Non-LIFO and LIFO methods (Add <b>TOTAL</b> of lines A1 through A4 and B.)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00
<b>C. What is the amount of LIFO reserve (if any)? (If the value of reserve is negative, use "-".)</b>	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	<input type="checkbox"/>	\$ <input type="text"/> ,000.00

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## 2022 Economic Census

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Item 13: Assets, Capital Expenditures, and Retirements

### ITEM 13: ASSETS, CAPITAL EXPENDITURES, AND RETIREMENTS (More)

#### Include:

- Dollar value of capital expenditures
- Buildings, structures, and equipment used directly or indirectly by this establishment to produce the goods and services reported in **Item 5**, line A and **Item 22**

**A.** What was the gross value of depreciable assets (acquisition costs) **at this establishment** at the beginning of the year for:

1. Buildings and other structures? <small>(Exclude the value of land on which structures stand.)</small>	<input type="checkbox"/> Check if None	2022	\$ <input type="text"/> ,000.00
2. Machinery and equipment?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	
<b>TOTAL</b> (Add lines A1 and A2)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	

**B.** What were the capital expenditures for new and used depreciable assets **at this establishment** in 2022 for:

1. New and used buildings and other structures? <small>(Exclude the value of land on which structures stand)</small>	<input type="checkbox"/> Check if None	2022	\$ <input type="text"/> ,000.00
2. New and used machinery and equipment?			
a. Automobiles, trucks, etc. for highway use?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	
b. Computers and peripheral data processing equipment?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	
c. All other expenditures for machinery and equipment?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	
<b>TOTAL</b> (Add lines B1 and B2a through B2c.)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	

**C.** What was the gross value of depreciable assets sold, retired, scrapped, destroyed, etc. **at this establishment** for:

1. Buildings and other structures? <small>(Exclude the value of land on which structures stand.)</small>	<input type="checkbox"/> Check if None	2022	\$ <input type="text"/> ,000.00
2. Machinery and equipment?	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	
<b>TOTAL</b> (Add lines C1 and C2)	<input type="checkbox"/>	\$ <input type="text"/> ,000.00	

**D.** What was the value of depreciable assets **at this establishment** at the end of the year for:

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1. Buildings and other structures? (Add lines A1 and B1, and subtract line C1)  
**(Exclude** the value of land on which structures stand.)

Check  
if  
None

2022

\$  ,000.00

2. Machinery and equipment (Add lines A2 and B2a through B2c, and subtract line C2)

\$  ,000.00

**TOTAL** (Add lines D1 and D2)

\$  ,000.00

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## 2022 Economic Census

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Item 14: Rental Payments

### ITEM 14: RENTAL PAYMENTS (More)

**Include:**

- Operating leases

**Exclude:**

- Capital leases (leases with a contract to own at the end of the lease)

At this establishment, what were the payments for:

**A. Rental or lease of buildings and other structures?**

**Include:**

- Job-site trailers
- Land on which the buildings and other structures stand

Check  
if  
None

2022  
\$  ,000.00

**B. Rental or lease of machinery and equipment?**

\$  ,000.00

**TOTAL (Add lines A and B.)**

\$  ,000.00

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## 2022 Economic Census

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Item 16: Selected Expenses

### ITEM 16: SELECTED EXPENSES (More)

A. For this establishment, what were the production-related costs in 2022 for:

1. Materials, parts, containers, packaging, supplies, etc. used for manufacturing processes, repairs, services for others, or other operating supplies? (Report detail in **Item 18**.)

**Include:**

- Cost of production-related materials purchased by this establishment for other companies (contractors).

**Exclude:**

- Non-production-related expenses that were paid to other companies (contractors) by this establishment. (Report these expenses on the next screen in **Item 16**, line D.)

Check  
if  
None

2022  
\$ ,000.00

2. Products bought and sold without further processing? (Report associated sales in **Item 5**, line A and in **Wholesale** product codes in **Item 22**.)

\$ ,000.00

3. Work done for you by **others** on your materials (work contracted to others)? (Report on line A1 the cost of production-related materials purchased by this establishment for other companies (contractors).)

\$ ,000.00

4. Purchased fuels consumed for heat, power, or the generation of electricity? (Report on line B2 the quantity of electricity generated (Gross less generating station use).) (More)

\$ ,000.00

5. Purchased electricity? (Report comparable quantity on line B1.) (More)

\$ ,000.00

**TOTAL** (Add lines A1 through A5.)

\$ ,000.00

B. For this establishment, what was the quantity of:

1. Purchased electricity? (Quantity comparable to cost reported in line A5)

Check  
if  
None

2022 Kilowatt Hours  
,000

2. Generated electricity (gross less generating station use)? (Quantity comparable to cost reported in line A4) (More)

,000

3. Electricity sold or transferred to **other** establishments? (Also include quantity on lines B1 and/or B2.) (More)

,000

C. For this establishment, what were the depreciation/amortization charges for the current year obtained from your income statement? (Include depreciation on all assets reported in **Item 13**.)

Check  
if  
None

2022  
\$ ,000.00

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## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 16: Selected Expenses - Continued

#### ITEM 16: SELECTED EXPENSES

D. What were the other operating expenses (*expenses normally considered as non-production-related costs purchased from other companies*) paid by this establishment in 2022 for:

1. Temporary staff and leased employees? (Professional Employer Organizations and staffing agencies for personnel)

**Include:**

- All charges for payroll, benefits, and services

Check  
if  
None

2022  
\$  ,000.00

2. Expensed equipment? (Expensed computer hardware and other equipment) (More)

\$  ,000.00

3. Expensed purchases of software? (Purchases of prepackaged, custom-coded or vendor-customized software) (More)

\$  ,000.00

4. Purchased communication services?

**Include:**

- Telephone, cellular, and Internet services
- Other wired and wireless communication services
- Credit card transaction fees

\$  ,000.00

5. Data processing and other purchased computer services?

**Include:**

- Computer facilities management services
- Data storage
- Other computer-related advice and services, including training

\$  ,000.00

(More)

6. Purchased repairs and maintenance to buildings and/or machinery and equipment?

**Include:**

- Repairs for painting, roof repairs, replacing parts, overhauling of equipment, and other repairs chargeable as current operating costs

\$  ,000.00

**Exclude:**

- Extensive "repairs" or reconstruction that is capitalized. Report these as a capital expenditure in **Item 13**.

(More)

7. Water, sewer, refuse removal, and other non-electric utility payments?

*(Report electric utility payments on line A5. If the costs of these utilities are included in a lease or rental payment, report in **Item 14**, line A.) (More)*

\$  ,000.00

8. Purchased advertising and promotional services? (More)

\$  ,000.00

9. Purchased professional and technical services? (More)

\$  ,000.00

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Approval Expires:06/30/2025

## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

**10.** Governmental taxes and licensing fees? (Payments to government agencies for taxes and licenses)

**Include:**

- Business and property taxes

**Exclude:**

- Income taxes

\$ ,000.00

**11.** All other operating expenses not reported elsewhere?

**Exclude:**

- Other expenses reported in **Items 7, 13, 14, and 16**
- Purchases of merchandise for resale
- Non-operating expenses

\$ ,000.00

Describe

**TOTAL** (Add lines 1 through 11.)

\$ ,000.00

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 18: Detailed Cost of Materials, Parts, and Supplies

### ITEM 18: DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

Of the \$,000.00 of materials, parts, and supplies in 2022, reported on Item 16, line A1, how much was for the following specified materials?

**General** - The sum of the costs of the itemized materials in this section should equal the figure reported on **Item 16**, line A1 (*Cost of materials, parts, containers, packaging, etc. used*). The following is a breakout of the \$,000.00 currently reported there.

- Please review the entire list and report separately each item consumed.
- Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.
- If the information as requested cannot be taken directly from your book records, **reasonable estimates are acceptable**.

**Exclude:**

- Products bought and sold without further processing, reported in **Item 16**, line A2
- Materials owned by **other** companies but used by this establishment to make products under contract or commission

Description	Value	Census Material Code
1. Pharmaceuticals and medicines, including synthetic organic medicinal chemicals; medicinal and botanical drugs, chemicals, and products; naturally occurring vitamins; biological products; etc.	\$ ,000.00	32541000
2. All basic organic and inorganic chemicals, excluding petrochemicals	\$ ,000.00	32518000
3. Glass and glass products	\$ ,000.00	32721000
4. Plastics containers, including bottles, jars, tubes, tubs, etc.	\$ ,000.00	32610002
5. Cost of all other materials and components, parts, containers, and supplies consumed	\$ ,000.00	00970099
Describe		
<b>TOTAL</b>	\$ ,000.00	77100000

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## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 22: Detail of Sales, Shipments, Receipts, or Revenue

#### ITEM 22: DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

Of the \$,000.00 of Sales, Shipments, Receipts, or Revenue reported in **Item 5**, what products and services were included?

The products and services listed below are generally associated with your industry.

Please select the products or services that contribute to the sales, shipments, receipts or revenue of this establishment.

**Products or Services not listed?** Click the "Search for product/service not listed" button at the bottom of the screen to search for and add each product or service not listed.

**Select ALL that apply, at the most detailed level possible**

**For manufacturing products, include:**

- Products made in this establishment and shipped
- Products transferred to other establishments within your company
- Products made elsewhere by others from materials supplied by this establishment

**For contract manufacturing products, include:**

- Products made from materials owned by others (i.e., the customer)

**For wholesale products, include:**

- Products that are bought from other establishments or transferred or imported from other establishments of your company and then **sold without further manufacture, processing, or assembly** by this establishment

**For other non-manufacturing products or services, please select a product or service listed below or "Search for product/service not listed".**

Examples: Receipts for construction, installation, repair, and service contracts

Description	Select	Product Code
<b>Manufacturing of:</b>		
1. Blood and blood derivatives, for human use	<input checked="" type="checkbox"/>	2045625000
2. Vaccines, toxoids, antigens, allergens, and other biologics, for human use (excluding diagnostic)	<input checked="" type="checkbox"/>	2045660000
3. Biological veterinary vaccines, bacterins, toxoids, antigens, allergens, and other biological veterinary products	<input checked="" type="checkbox"/>	2045700000
4. Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, including non-diagnostic culture media (excluding vaccines, toxoids, antigens, allergens, and blood fractions)	<input checked="" type="checkbox"/>	2045725000
5. In vivo diagnostic substances, contrast media products (both iodinated and barium products), radioactive reagents, angiographic agents, and all other in vivo diagnostic substances	<input checked="" type="checkbox"/>	2045575000
<b>All other sales, shipments, receipts, or revenue from this establishment</b>		
6. Wholesale sales of laminates, plastic raw materials, and crude rubber	<input checked="" type="checkbox"/>	4003505000
7. Wholesale sales of synthetic resins	<input checked="" type="checkbox"/>	4003510000
8. Wholesale sales of recyclable plastics and rubber	<input checked="" type="checkbox"/>	4003520000

Search for product/service not listed

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 22: Detail of Sales, Shipments, Receipts, or Revenue - Continued

### ITEM 22: DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

Of the \$,000.00 of Sales, Shipments, Receipts, or Revenue reported in Item 5, what was the value for each product or service?

Below are the products and services you previously selected.

**Products or Services not listed?** Click the "Search for product/service not listed" button at the bottom of the screen to search for and add each product or service not listed.

**General – Please do not combine product lines.** If the information is not directly available from your records, **reasonable estimates are acceptable**.

If quantities are requested, please use the unit of measure specified.

**For manufacturing products** – Report the value of the products shipped and services performed at the net selling value, free on board (FOB) plant to the customer, after discounts and allowances.

**Include:**

- Products made in this establishment and shipped, **excluding freight charged and excise taxes**
- Products transferred to other establishments within your company. These products should be assigned the full economic value (market value); i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.
- Products made elsewhere by others from materials supplied by this establishment. Report these products on the specific lines as if they were made in this establishment.

**For contract manufacturing products, include:**

- Products **made from materials owned by others** (i.e., the customer). Report your commission or contract receipts in the appropriate Contract Manufacturing products line(s) you selected or "Search for product/service not listed".

**For wholesale products, include:**

- Products that are bought from other establishments or transferred or imported from other establishments of your company and then **sold without further manufacture, processing, or assembly** by this establishment

**For other non-manufacturing products or services, please select a product or service listed below or "Search for product/service not listed".**

Examples: Receipts for construction, installation, repair, and service contracts

Description	Value	Product Code
<b>Manufacturing of:</b>		
1. Blood and blood derivatives, for human use	\$ ,000.00	2045625000
2. Vaccines, toxoids, antigens, allergens, and other biologics, for human use (excluding diagnostic)	\$ ,000.00	2045660000
3. Biological veterinary vaccines, bacterins, toxoids, antigens, allergens, and other biological veterinary products	\$ ,000.00	2045700000
4. Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, including non-diagnostic culture media (excluding vaccines, toxoids, antigens, allergens, and blood fractions)	\$ ,000.00	2045725000
5. In vivo diagnostic substances, contrast media products (both iodinated and barium products), radioactive reagents, angiographic agents, and all other in vivo diagnostic substances	\$ ,000.00	2045575000

**All other sales, shipments, receipts, or revenue from this establishment**

6. Wholesale sales of laminates, plastic raw materials, and crude rubber	\$ ,000.00	4003505000
7. Wholesale sales of synthetic resins	\$ ,000.00	4003510000

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

8. Wholesale sales of recyclable plastics and rubber	\$	,000.00	4003520000
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<b>TOTAL - Sum of lines should equal total Sales, Shipments, Receipts, or Revenue reported in Item 5</b>	\$	,000.00	9900000000
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Search for product/service not listed

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## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 28: Industrial Robots and Robotic Equipment

#### ITEM 28: INDUSTRIAL ROBOTS AND ROBOTIC EQUIPMENT

##### INDUSTRIAL ROBOTIC EQUIPMENT

- Industrial robotic equipment (or industrial robots) are automatically controlled, reprogrammable, and multipurpose machines used in the industrial automated operations.
- Industrial robots may be mobile, incorporated into stand-alone stations, or integrated into a production line.
- An industrial robot may be part of a robotic cell (or work cell) or incorporated into another piece of equipment.
- Industrial robots are commonly used in operations such as welding, material handling, machine tending, dispensing, cleanroom, and pick and place.

##### REPORTING INDUSTRIAL ROBOTIC EQUIPMENT

- Estimates are acceptable.
- In (A), report capital expenditures for new and used industrial robotic equipment for this establishment. Include other one-time costs, including software and installation.
- In (B) and (C), report the number of industrial robots in operation at this establishment and purchased for this establishment.
- For robots purchased as part of a work cell or other integrated robotic equipment, it may not be possible to report the expenditures on only the robots. In this case, report the expenditures on the integrated robotic equipment.

Examples of operations industrial robotic equipment can perform may include:

- Palletizing
- Pick and place
- Machine tending
- Machine handling
- Dispensing
- Welding
- Packing/repacking

##### Exclude:

- Automated guided vehicles (AGVs)
- Driverless forklifts
- Automated storage and retrieval systems
- CNC machining equipment

A. What were the capital expenditures for new and used industrial robotic equipment, including software, installation, and other one-time costs?

Check  
if  
None

2022  
\$  ,000.00

B. What was the number of industrial robots IN OPERATION at this plant? Refer to instructions above for definitions.

If you are unable to provide the number of industrial robots IN OPERATION, please explain:

2022 Number

C. What was the number of industrial robots PURCHASED for this plant? Refer to instructions above for definitions.

If you are unable to provide the number of industrial robots PURCHASED, please explain:

2022 Number

## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 29: Business Technologies

#### ITEM 29: BUSINESS TECHNOLOGIES

1. Did this establishment use touchscreens/kiosks for customer interface in its own operations in 2022?

Touchscreens/kiosks for customer interface are computers with touchscreens that allow customers to receive information or perform tasks related to the business, such as registering for a service or purchasing items.

**Include:**

- Self-checkout, self-check-in, touchscreen ordering, etc.

Yes  
 No  
 Do not know

2. Did this establishment use additive manufacturing (e.g., 3D printing) in its own operations in 2022?

Additive manufacturing is the process of making three-dimensional, solid objects from a digital file.

Yes  
 No  
 Do not know

3. Did this establishment use radio-frequency identification (RFID) in its own operations in 2022?

Radio-frequency identification (RFID) is the use of passive or active radio-frequency identification chips to track inventory, products, or other objects.

**Exclude:**

- Bar codes read with a scanner

Yes  
 No  
 Do not know

4. Did this establishment use industrial robots in its own operations in 2022?

Industrial robots are automatically controlled, reprogrammable, and multipurpose machines used in industrial automated operations. They may be mobile, incorporated into stand-alone stations, or integrated into a production line.

**Include:**

- Industrial robotic equipment that typically performs palletizing, pick and place, machine tending, machine handling, dispensing, welding, and packing/repacking

**Exclude:**

- Automated guided vehicles (AGV), autonomous mobile robots (AMR), driverless forklifts, automated storage and retrieval systems, CNC machining equipment, and service robots

Yes  
 No  
 Do not know

5. Did this establishment use service robots in its own operations in 2022?

Service robots perform tasks for humans for personal or professional use, not in an industrial or warehouse setting.

**Include:**

- Medical, cleaning, delivery, construction/demolition, and field (such as mining, firefighting, and forestry) service robots

**Exclude:**

- Automated guided vehicles (AGV), autonomous mobile robots (AMR), CNC machining equipment, and industrial robots

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## 2022 Economic Census

### MC-32543 - Biological Product (except Diagnostic) Manufacturing

Yes

No

Do not know

6. Did this establishment use automated guided vehicles (AGV) or autonomous mobile robots (AMR) in its own operations in 2022?

Automated guided vehicles (AGV) are computer-controlled vehicles that use sensor-based systems and software to navigate fixed routes (including driverless forklifts). Autonomous mobile robots (AMR) are computer-controlled vehicles that use sensor-based systems and software to navigate without the need for fixed routes.

Yes

No

Do not know

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 29: Business Technologies - Touchscreens/Kiosks for Customer Interface

### ITEM 29: BUSINESS TECHNOLOGIES - TOUCHSCREENS/KIOSKS FOR CUSTOMER INTERFACE

How did this establishment acquire the touchscreens/kiosks for customer interface used in its own operations?

**Select ALL that apply.**

Purchased

Leased/rented

Developed in-house

Other

Describe

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Do Not Mail - Report Online

## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 29: Business Technologies - Additive Manufacturing

### ITEM 29: BUSINESS TECHNOLOGIES - ADDITIVE MANUFACTURING

How did this establishment acquire the additive manufacturing (e.g., 3D printing) used in its own operations?

**Select ALL that apply.**

Purchased

Leased/rented

Developed in-house

Other

Describe

## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 29: Business Technologies - Radio-Frequency Identification (RFID)

### ITEM 29: BUSINESS TECHNOLOGIES - RADIO-FREQUENCY IDENTIFICATION (RFID)

How did this establishment acquire the radio-frequency identification (RFID) used in its own operations?

**Select ALL that apply.**

Purchased

Leased/rented

Developed in-house

Other

Describe

## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 29: Business Technologies - Industrial Robots

### ITEM 29: BUSINESS TECHNOLOGIES - INDUSTRIAL ROBOTS

How did this establishment acquire the industrial robots used in its own operations?

**Select ALL that apply.**

Purchased

Leased/rented

Developed in-house

Other

Describe

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## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 29: Business Technologies - Service Robots

### ITEM 29: BUSINESS TECHNOLOGIES - SERVICE ROBOTS

How did this establishment acquire the service robots used in its own operations?

**Select ALL that apply.**

Purchased

Leased/rented

Developed in-house

Other

Describe

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Do Not Mail - Report Online

Do Not Mail - Report Online

## 2022 Economic Census

MC-32543 - Biological Product (except Diagnostic) Manufacturing

Item 29: Business Technologies - Automated Guided Vehicles (AGV) or Autonomous Mobile Robots (AMR)

### ITEM 29: BUSINESS TECHNOLOGIES - AUTOMATED GUIDED VEHICLES (AGV) OR AUTONOMOUS MOBILE ROBOTS (AMR)

How did this establishment acquire the automated guided vehicles (AGV) or autonomous mobile robots (AMR) used in its own operations?

**Select ALL that apply.**

Purchased

Leased/rented

Developed in-house

Other

Describe

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## 2022 Economic Census

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Item 31: Remarks

### ITEM 31: REMARKS

Please use this space for any explanations that may be essential in understanding your reported data. (Maximum length is 1,000 characters.)

You have  characters remaining

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