

16 DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

General - The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in **2**. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies that are not listed, describe and report them in the "Cost of all other materials . . ." at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . ." Census material code 009700 99 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

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

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

Valuation of Materials Consumed - The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials.

Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

If purchases or transfers do not differ significantly from the amount actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

Contract Work - Include all materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in **15**, line A5, and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

Resales - Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in **15**, line A2, not in **16**. The value of these products shipped by this establishment should be reported in **2** under Census product code 000999 8900 6, "Resales."

Produced and Consumed - Fertilizer products - Report the quantities produced and used in manufacturing other products made in this establishment in **26**. Note that the materials used to produce these items should be reported in **16**.

INFORMATION COPY
DO NOT USE TO REPORT

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
1	Natural gas used as a raw material (feedstock and process heat) (<i>Do not report fuel or energy use.</i>)	211110 13 5	mil ft ³					
2	Sulfur	212393 03 7	long tons					
3	Phosphate rock	212392 00 5	↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↓					
4	Sulfuric acid (100 percent H ₂ SO ₄) (new and spent) .	325188 03 5						
	Potassic materials							
5	Muriate of potash (60-62 percent K ₂ O) (all grades)	212391 01 5						
6	Other potassic materials, including potassium nitrate and sulfate	212391 03 1		short tons				
	Nitrogenous materials							
7	Ammonia, synthetic anhydrous (100 percent NH ₃)	325311 03 3						
8	Ammoniating or nitrogen solutions, including ammonium nitrate solutions, and mixtures containing urea (100 percent N)	325311 13 2						
9	Ammonium nitrate (100 percent NH ₄ NO ₃) (solid only)	325311 11 6						

CONTINUE WITH **16** ON PAGE 9

32516080

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

16 DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
	Nitrogenous materials - Continued		↑ short tons ↓					
10	Ammonium sulfate (100 percent (NH ₄) ₂ SO ₄) . . .	325311 07 4						
11	Urea (100 percent CO(NH ₂) ₂ (solid only)	325311 15 7						
12	Other nitrogenous materials, including calcium cyanamide and limestone mixtures (<i>Report ammonium phosphates on line 15.</i>)	325311 09 0						
	Phosphatic materials							
13	Superphosphates (total used in mixed goods) (100 percent P ₂ O ₅)	325312 03 1						
14	Phosphoric acid (100 percent P ₂ O ₅)	325312 01 5						
15	Other phosphatic materials, including diammonium and monoammonium phosphates (100 percent P ₂ O ₅)	325312 05 6						
16	Inert fillers, secondary plant food, soil conditioners, sand, limestone, peat, nut hulls, etc.	001900 29 9						
17	Bags, excluding textile, including shipping sacks, multiwall bags, and polyethylene liners	322200 09 8						
18	Cost of all other materials and components, parts, containers, and supplies consumed (<i>Specify the principal materials, etc., included in this value.</i>) ↴	009700 99 8						
19	TOTAL (<i>Should equal total reported in 16, line A1</i>)	771000 00 7						

17 Not Applicable.

18 TYPE OF OPERATION

(Mark "X" ALL that apply.)

Operations performed in this establishment during 2002

- 0620
- 190 Manufacturing bulk fertilizer materials, including ammonia, nitric acid, urea, phosphoric acid, and superphosphate (*Report the value of these bulk, uncompounded shipments in 2, lines 1-5.*)
 - 192 Manufacturing bulk fertilizer materials, shipping mixed fertilizers produced from one or more of these manufactured materials (*Report the value of these shipments in 2, lines 6-9.*)
 - 194 Manufacturing (mixing) fertilizers from purchased fertilizer materials (*Report the value of these shipments in 2, lines 10-13.*)
 - 196 Shipping bulk (unmixed) fertilizer materials and/or mixed fertilizers not produced or mixed at this establishment (*Report the cost of such items in 16, line A2 and the value in 2, line 34.*)

32516098

19-21 Not Applicable.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

General - The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of **2**. PLEASE DO NOT COMBINE PRODUCT LINES.

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

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

Valuation of Products - Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

Contract Work - Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census code 000930 0000 8.

Resales - Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census code 000999 8900 6, "Resales."

Detailed Data Reported Elsewhere - Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR form, the sum of the detailed products should equal the total reported on this form. For corresponding survey item codes, see paragraph 4, "Comparability," of CIR Instruction Manual.

NOTE: Only totals are requested; do not duplicate detail reported on the CIR.

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
1	Synthetic ammonia, nitric acid, and ammonium compounds (Corresponds to value of shipments reported on CIR Form MQ325B, Fertilizer Materials and Related Chemicals, for 2002, item codes 5301, 6111 - 6121, 6241 - 6291)*	325311 1100 6						
2	Urea (Corresponds to value of shipments reported on CIR Form MQ325B, Fertilizer Materials and Related Chemicals, for 2002, item codes 7161 - 7191)*	325311 4100 3						
3	Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials (<i>Specify kind.</i>) ↘	325311 7100 0						
4	Phosphoric acid (Corresponds to value of shipments reported on CIR Form MQ325B, Fertilizer Materials and Related Chemicals, for 2002, item codes 5401 and 5441)*	325312 1100 4						
5	Superphosphates and other phosphatic fertilizer materials (Corresponds to value of shipments reported on CIR Forms MQ325A, Inorganic Chemicals, for 2002, item code 3967 and MQ325B, Fertilizers and Related Chemicals, item codes 1149 - 1574)*	325312 4100 1						
6	Mixed fertilizers produced from one or more materials made in this establishment In packages, tablets, and similar forms gross weight less than or equal to 22 lb (10 kg)	325312 7111 5	short tons					

CONTINUE WITH **2** ON PAGE 11

32516106

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Mixed fertilizers produced from one or more materials made in this establishment - Continued		↑ short tons ↓					
	In bulk (in amounts greater than 22 lb (10 kg))							
7	Dry, shipped in bulk	325312 7121 4						
8	Dry, shipped in bags	325312 7131 3						
9	Liquid	325312 7141 2						
	Mixed fertilizers made by establishments which do not manufacture fertilizer materials							
10	In packages, tablets, and similar forms gross weight less than or equal to 22 lb (10 kg)	325314 0111 8						
	In bulk (in amounts greater than 22 lb (10 kg))							
11	Dry, shipped in bulk	325314 0121 7						
12	Dry, shipped in bags	325314 0131 6						
13	Liquid	325314 0241 3						
14	Potting soils (mixed with fertilizers and/or other chemicals)	325314 0141 5						
15	Compost (mixed with chemicals, etc. for decay control)	325314 0151 4						
16	Plants foods, mixed	325314 0161 3						
17	Prepared animal feeds (excluding grain, mineral mixture, dehydrated alfalfa meal, sun cured and cubed alfalfa meal animal feeds)	311119 P151 7						
	Industrial gases							
18	Carbon dioxide (Corresponds to value of shipments reported on CIR Form MQ325C, Industrial Gases, for 2002, item codes 3110 - 3140)*	325120 4100 8						
19	Fluorocarbon gases	325120 G100 5						
20	Sulfuric acid (Corresponds to value of shipments reported on CIR Form MQ325B, Fertilizers and Related Chemicals, for 2002, item codes 3100 - 3300)*	325188 1100 8						
21	Inorganic acids, except nitric, sulfuric, and phosphoric (Corresponds to value of shipments reported on CIR Form MQ325A, Inorganic Chemicals, for 2002, item codes 3445 - 3451)*	325188 4100 5						
22	Potassium and sodium compounds, except bleaches, alkalis, and alum (Corresponds to value of shipments reported on CIR Form MQ325A, Inorganic Chemicals, for 2002, item codes 3703 - 3784)*	325188 A100 8						

CONTINUE WITH 22 ON PAGE 12

32516114

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued							
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
23	Carbon bisulfide (disulfide)	325188 G130 9					
	All other basic organic chemicals						
24	Fatty acid esters	325199 1181 5					
	Miscellaneous cyclic and acyclic chemicals and chemical products, except fatty acid esters (Specify kind.) ↴						
25		325199 U200 3					
	All other products made in this establishment - Specify and report each product with sales value of \$50,000 or more that cannot be assigned to one of the "listed products and services". For all remaining products, write "Other" and report a single total value.						
26		18					
27		26					
28		34					
29		42					
30		59					
31		67					
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴						
32		000930 0000 8					
33	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5					
34	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 15, line A2.)	000999 8900 6					
35	TOTAL (Should equal 4, line A)	770000 0000 8					
23-27 Not Applicable.							

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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

28 ESTABLISHMENT ACTIVITIES

A. Indicate activities that were performed by this establishment or were performed for this establishment by another company during 2002.
(Mark "X" ALL that apply.)

This activity was performed -			
By this establishment	By another establishment of this company	By another company	Not at all
0921 <input type="checkbox"/>	8071 <input type="checkbox"/>	0941 <input type="checkbox"/>	0961 <input type="checkbox"/>
1. Product design/engineering			
2. Order fulfillment			
0923 <input type="checkbox"/>	8072 <input type="checkbox"/>	0943 <input type="checkbox"/>	0963 <input type="checkbox"/>
a. Bundling or kitting (combining multiple items into a prepackaged product)			
0924 <input type="checkbox"/>	8073 <input type="checkbox"/>	0944 <input type="checkbox"/>	0964 <input type="checkbox"/>
b. Pick and pack (taking goods from inventory and packaging them to fill orders).			
0925 <input type="checkbox"/>	8074 <input type="checkbox"/>	0945 <input type="checkbox"/>	0965 <input type="checkbox"/>
c. Warehousing of finished products			
0926 <input type="checkbox"/>	8075 <input type="checkbox"/>	0946 <input type="checkbox"/>	0966 <input type="checkbox"/>
d. Breaking bulk (reducing large shipments into smaller portions for customers)			
0927 <input type="checkbox"/>	8076 <input type="checkbox"/>	0947 <input type="checkbox"/>	0967 <input type="checkbox"/>
e. Local delivery (within a city, town, or other local area, including adjoining towns and suburban areas)			
0928 <input type="checkbox"/>	8077 <input type="checkbox"/>	0948 <input type="checkbox"/>	0968 <input type="checkbox"/>
f. Long distance delivery (beyond local areas and commercial zones)			
0932 <input type="checkbox"/>	8078 <input type="checkbox"/>	0952 <input type="checkbox"/>	0972 <input type="checkbox"/>
g. Processing of returned merchandise			

B. During 2002 did this establishment:

- 1. Manage inventory owned by this establishment AND held at this location? 0936 Yes 0937 No
- 2. Manage inventory owned by this establishment BUT held at a customer's location?. 0956 Yes 0957 No
- 3. Manage inventory owned by another company BUT held at this location? 0976 Yes 0977 No
- 4. Manage inventory owned by another company AND held somewhere other than at this location?. 0994 Yes 0995 No
- 5. Contract with another firm for any of your production using materials owned by this location? 8041 Yes 8042 No
- 6. Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion? 8044 Yes 8045 No
- 7. Manufacture products for a government to their specifications? 8047 Yes 8048 No
- 8. Manufacture products for another business to their specifications? 8016 Yes 8017 No
- 9. Manufacture products for a final retail customer to their specifications? 8060 Yes 8062 No



32516130

29 OPERATIONAL STATUS

Activity that best describes this establishment's status at the end of 2002
(Mark "X" only ONE box.)

0011 <input type="checkbox"/> In operation	0013 <input type="checkbox"/> Temporarily or seasonally inactive							
0012 <input type="checkbox"/> Under construction, development, or exploration	0014 <input type="checkbox"/> Ceased operation - Give date at right →	0018 <table border="1"> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Month	Day	Year			
Month	Day	Year						
	0015 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter new name and mailing address below ↴	→						

0060 Name of new owner or operator	0061 Employer Identification Number		
	Enter EIN of new owner (9 digits) →	-	
0062 Mailing address (number and street, P.O. Box, etc.)			
0063 City, town, village, etc.	0064 State	0065 ZIP Code	
		-	

Remarks (Please use this space for any explanations that may be essential in understanding your reported data.)

30 CERTIFICATION - This report is substantially accurate and was prepared in accordance with the instructions.

Is the time period covered by this report a calendar year?								
0078 <input type="checkbox"/> Yes	0079 <input type="checkbox"/> No - Enter time period covered →	FROM 0070	Month	Year	TO 0071	Month	Year	
0072 Name of person to contact regarding this report				0073 Title				
Telephone 0074	Area code	Number	Extension	Fax 0075	Area code	Number		
0076 Internet e-mail address					Date completed 0069	Month	Day	Year

Thank you for completing your 2002 Economic Census form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

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