

**SURVEY OF PLANT CAPACITY UTILIZATION
FOURTH QUARTER 2005 (October–December)**

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In correspondence pertaining to this report refer to the ID NUMBER (ID) (11 digits)

IMPORTANT

PLEASE READ INSTRUCTIONS AND DEFINITIONS BEFORE COMPLETING FORM

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

NOTE — If you need a copy of the instructions, please visit www.census.gov/cir/www/mqc1pag2.html

Item 1 OPERATIONAL STATUS

Mark (X) ONE box which best describes this establishment at the end of 2005. See instructions for reporting.

- | 12 <input type="checkbox"/> In operation – Complete items 2 through 6. | 14 <input type="checkbox"/> Sold or leased to another company
See instruction sheet | } Give ¹⁶ date sold or closed | <table border="1"> <tr> <th>Month</th> <th>Year</th> </tr> <tr> <td> </td> <td> </td> </tr> </table> | Month | Year | | |
|---|--|--|--|-------|------|--|--|
| Month | Year | | | | | | |
| | | | | | | | |
| 13 <input type="checkbox"/> Temporarily idle – See instruction sheet –
Complete items 2–6. | 15 <input type="checkbox"/> Permanently ceased operations –
See instruction sheet. | | | | | | |

Item 2 VALUE OF PRODUCTION

ACTUAL PRODUCTION

	4th QTR. 2005		4th QTR. 2004	
	\$ Mil.	Thou.	Mil.	Thou.
a. Report market value of actual production for the 4th quarter of 2005	23			

FULL PRODUCTION CAPABILITY

	4th QTR. 2005		4th QTR. 2004	
	\$ Mil.	Thou.	Mil.	Thou.
b. Estimate the market value of production of this plant as if it had been operating at full production capability in the 4th quarter of 2005. Assume:	34			

- only machinery and equipment **in place and ready to operate.**
- normal downtime.
- Labor, materials, utilities, etc. **ARE FULLY AVAILABLE.**
- the number of shifts, hours of operation, and overtime pay that can be **sustained** under **normal** conditions and a **realistic** work schedule in the long run.
- the **same product mix** as in the fourth quarter.

c. Divide your **actual production estimate** by your **full production estimate.** Multiply this ratio by 100 to get a percentage. Enter this percentage in the box.

Capacity Utilization:

Is this a reasonable estimate of your sustainable capacity use in the 4th quarter?

Yes No – Please review your full production estimate

d. If your estimate of 2005 fourth quarter **full production capability** has changed compared to 2004, mark (X) the primary reasons.

- | | |
|---|---|
| 35 <input type="checkbox"/> Building capital expenditures | 41 <input type="checkbox"/> Change in method of operation |
| 36 <input type="checkbox"/> Machinery capital expenditures – Include new, replaced, or enhanced machinery | 42 <input type="checkbox"/> Change in product mix or product specifications |
| 37 <input type="checkbox"/> Building retirements | 43 <input type="checkbox"/> Change in material input |
| 38 <input type="checkbox"/> Machinery retirements | 48 <input type="checkbox"/> Other – Specify ↴ |
| 39 <input type="checkbox"/> Price changed but product mix is the same | |
| 40 <input type="checkbox"/> Revised estimation assumption with no change in plant or operations | 49 <input type="text"/> |

Item 3 WORK PATTERNS OF FOURTH QUARTER OPERATIONS 2005

Column (1-3) – Report work patterns for **each shift of actual operations** in the **4th quarter of 2005**.
 If the plant did not operate a second or third shift, do not complete the corresponding columns.

Column (4) – Report work patterns as if the plant operated at **full production capability** as defined in item 2b.

	Actual Operations									Full Production Capability			
	Shift one			Shift two			Shift three			Number of shifts per day			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
90													
a. Days per week in operation	91												
b. Plant hours per week in operation	92												
c. Weeks in operation in the quarter	93												
d. Total number of production workers.	94												
e. Temporary production workers included in line d (not on the payroll and hired through temporary agencies or as their own agent; see instructions)	95												
		Mil.	Thou.	Hrs.	Mil.	Thou.	Hrs.	Mil.	Thou.	Hrs.	Mil.	Thou.	Hrs.
f. Total hours worked by production workers	96												
g. Hours worked by temporary production workers (included in line f)	97												
h. Overtime hours worked by production workers (included in line f)	98												

Item 4 FOURTH QUARTER ACTUAL OPERATIONS VS FULL PRODUCTION CAPABILITY FOR 2005

- a. If this plant's **actual** production in the 4th quarter was **less** than **full production capability**, mark (X) the primary reasons:
- | | | |
|--|--|--|
| 51 <input type="checkbox"/> Not most profitable to operate at full production capability | 55 <input type="checkbox"/> Lack of sufficient fuel or electric energy | 60 <input type="checkbox"/> Strike or work stoppage |
| 52 <input type="checkbox"/> Insufficient supply of materials | 56 <input type="checkbox"/> Equipment limitations | 61 <input type="checkbox"/> Seasonal operations |
| 53 <input type="checkbox"/> Insufficient orders | 57 <input type="checkbox"/> Storage limitations | 62 <input type="checkbox"/> Environmental restrictions |
| 54 <input type="checkbox"/> Insufficient supply of local labor force/skills | 58 <input type="checkbox"/> Logistics/transportation constraints | 63 <input type="checkbox"/> Other – Specify ↘ |
| | 59 <input type="checkbox"/> Sufficient inventory of finished goods on hand | 64 <input type="checkbox"/> _____ |
- b. If **actual** operations in the 4th quarter were **less** than **full production capability**, how quickly could you increase to that level, if necessary? Assume sufficient demand for your product. Mark (X) the shortest amount of time you would require.
- 71 Less than 3 months 72 3 to 6 months 73 7 to 12 months 74 More than one year

Item 5 NATIONAL EMERGENCY PRODUCTION

	NATIONAL EMERGENCY PRODUCTION			
	4th QTR. 2005		4th QTR. 2004	
\$	Mil.	Thou.	Mil.	Thou.
a. Estimate the value of production for this plant as if it had been operating under national emergency conditions in the 4th quarter of 2005.				
99				

- Assume:
- full use of all your machinery and equipment, including that requiring reconditioning.
 - plant production as close to 168 hours per week as possible, including extra shifts.
 - minimal downtime.
 - funding, labor, materials, components, utilities, etc., are fully available to you and your suppliers.
 - your product mix is permitted to change.
 - you can sell all of your output
- See the instruction sheet for additional guidance.**

- b. If **actual** operations in the 4th quarter were **less** than **national emergency production**, how quickly could you increase to the national emergency production level if given emergency priority by the government? Mark (X) the shortest amount of time you would require.
- 82 Less than 3 months 83 3 to 6 months 84 7 to 12 months 85 More than one year

911 Remarks

Item 6 PERSON TO BE CONTACTED REGARDING THIS REPORT – Print name and telephone number.

Name	Area code	Number
Telephone →	()	

RETURN COMPLETED FORM TO

U.S. CENSUS BUREAU
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