





Assessing global competitiveness of manufacturing facilities through an international alliance of leading universities

## Organizations Financially Supporting This Study

 Center For Advanced Purchasing Studies		APICS :The Society for Operations Management		
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## Cooperating Academic Institutes

Institute for Manufacturing Enterprise Systems	 Argentina	Supply Chain Management Center University of Houston		



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## Global Competitiveness *Manufacturing Practices & Performance*

*Assessing global competitiveness of manufacturing supply chains through an international alliance of leading universities*

Why your plant should participate:

- The respondents will be provided an independent assessment of their plant's practices compared with plants in their country and international plants.
- The information provided will be statistically analyzed by leading manufacturing academics around the world.
- Your participation will help manufacturers understand and improve their manufacturing practices. Your company will be part of the data on your country's manufacturing practices.
- The information provided will help manufacturers prioritize their manufacturing practices to improve their strategic competitiveness.
- You will support education on effective practices that will enable your facility to hire better future employees.

*Please return the completed survey to:*

Professor XXX  
Business School  
University  
City, State, ZIP



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**Global Competitiveness**  
*Manufacturing Practices & Performance*

The survey questions are divided into several sections: XXX; YYY; ZZZ, etc. The questions have been designed to be quick and easy to answer; we estimate that completing the survey will take less than 60 minutes. For each question, please provide the answer that best describes your situation, based on your professional knowledge and experience. Although precise answers are preferred, some answers may be approximate.

The information that you provide will not be used to identify individual companies. The purpose of survey is to determine the manufacturing practices that improve performance and study the differences that may exist around the world.

**Thank you very much for your cooperation with this study!**



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Optional confidentiality agreement for researcher, if needed.

*CONFIDENTIALITY AGREEMENT With Responding Company*

In consideration of the fact that your company will disclose to the Global Manufacturing Research Group proprietary information concerning your manufacturing practices, business processes and systems which may include various policies, standard operating procedures and performance goals, the Global Manufacturing Research Group agrees:

1. to retain in confidence and not to disclose your proprietary practices, business processes or systems to competitors, whether or not specifically marked or designated as "confidential", and irrespective of the medium in which it is received or stored;
2. to formally communicate to their data gatherers the individual and joint responsibilities under this Confidentiality Agreement;
3. to take reasonable measures to secure and restrict access to your proprietary practices, business processes or systems to members of the Global Manufacturing Research Group;
4. that it will not disclose your proprietary business practices, processes or systems to any third party.
5. that it will only share data among the GMRG academic members for academic research.

**Global Manufacturing  
Research Group  
Researcher**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

RESEARCHER METHODOLOGY STATEMENT



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**GMRG Survey Methodology Form**

(To be filled out by the researcher for each data set)

Researcher Name: \_\_\_\_\_

Country of Data: \_\_\_\_\_

1. Translation method, if applicable (describe here the procedure used to translate and verify the translation of the survey):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Are there firms from the first three rounds of survey included in this data? \_\_\_\_ coded the same? \_\_\_\_

3. Is there any special meaning to the company code identification numbers you used? Describe here any special meaning that they might have (and/or how they relate to the first three rounds of the survey).

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Please enclose a copy of the survey you used for gathering the data when you submit the data.

5. Coding is required for the method used to gather the data and the industry to which each respondent belongs. A description of the method used to select the sample must also be provided. Please put your responses to MT01 and MT02 at the end of the required section for each respondent. Describe your sampling method on the next page.

**MT01: Types of methods used for gathering data questions gathered:**

1. Mail survey.
2. Fax survey.
3. Internet survey.
4. Telephone survey.
5. On-site personal interview - students related to course work.
6. On-site personal interview - contract staff.
7. On-site personal interview – professor.
8. Executive seminar participants.
9. Other.

**RESEARCHER METHODOLOGY STATEMENT**



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**MT02: Industry code (please use the GMRG code from question CG29)**

<b>GMRG code</b>	<b>Product descriptions</b>	<b>US-SIC</b>	<b>ISIC</b>
1	Food And Kindred Products	20	15
2	Tobacco Products	21	16
3	Textile Mill Products	22	17
4	Apparel And Other Finished Products Made From Fabrics And Similar Materials	23	18
5	Leather And Leather Products	31	19
6	Lumber And Wood Products, Except Furniture	24	20
7	Paper And Allied Products,	26	21
8	Printing, Publishing, And Allied Industries	27	22
9	Petroleum Refining And Related Industries	29	23
10	Chemicals And Allied Products	28	24
11	Rubber And Miscellaneous Plastics Products	30	25
12	Primary Metal Industries	33	27
13	Fabricated Metal Products, Except Machinery And Transportation Equipmen	34	28
14	Industrial And Commercial Machinery And Computer Equipment	35	30
15	Electronic And Other Electrical Equipment And Components, Except Computer Equipm	36	32
16	Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Opt	38	33
17	Manufacture of motor vehicles, trailers and semi-trailers	37	34
18	Manufacture of other transport equipment	None	35
19	Furniture And Fixtures	25	36
20	Stone, Clay, Glass, And Concrete Products	32	None
21	Miscellaneous Manufacturing Industries	39	None

**MT03: Provide a brief description of the method used to develop the sample**

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