Executive Summary

The National Institute of Standards and Technology’s Hollings Manufacturing Extension Partnership (MEP) works with U.S. manufacturers to help them create and retain jobs, increase profits, and save time and money. The nationwide network provides a variety of services, from innovation strategies to process improvements to green manufacturing. MEP also works with partners at the state and federal levels on programs that put manufacturers in position to develop new customers, expand into new markets and create new products.

MEP has over 1,300 technical experts – located in every state – serving as trusted business advisors, focused on solving manufacturers’ challenges and identifying opportunities for growth. As a program of the U.S. Department of Commerce, MEP offers its clients a wealth of unique and effective resources centered on five critical strategic growth areas: technology acceleration, supplier development, sustainability, workforce and continuous improvement.

The MEP program consists of a nationwide network of manufacturing extension partnership centers located in all 50 states and Puerto Rico. MEP centers are a diverse network of state, university-based, and non-profit organizations. They offer products and services that meet the specific needs of their local manufacturers. Each center works directly with area manufacturers to provide expertise and services tailored to their most critical needs, ranging from process improvement and workforce development to business practices and transfer of information technology. Additionally centers connect manufacturers with government and trade associations, universities and research laboratories, and a host of other public and private resources to help them realize individual goals.

Since 1996, NIST MEP has used an independent third-party organization to conduct a national survey of center clients. The survey collects client level data on the business impact of the services provided by their local center. These results allow the NIST MEP to gauge the impact of the MEP network on America’s manufacturers and its economic impact on the national, state, and regional economies. Clients are surveyed two quarters after an initial project is completed.

Each year the MEP network helps thousands of manufacturers reinvent themselves, solve problems, increase productivity, improve their economic competitiveness, and enhance their innovation capabilities. As a result, MEP clients achieve higher profits, save time and money, invest in capital, and create and retain thousands of jobs. This brief report documents the survey process and summarizes the total national client impacts for the services provided in Fiscal Year 2011. Since the survey is conducted two quarters after the completion of services, survey results reported here were collected during Fiscal Year 2012.

MEP clients reported that MEP services led to:

- Creating and retaining more than 61,000 jobs
- Helping firms increase and retain sales by over $6.6 billion
- Leveraging nearly $2.5 billion in new private sector investment
- Generating cost savings of over $900 million
Delivering Measurable Results to Manufacturing Clients

Introduction

The Manufacturing Extension Partnership

The Hollings Manufacturing Extension Partnership (MEP) is a nationwide system that helps manufacturers maximize their potential and grow their businesses. Since its inception in 1988, manufacturers have employed the resources of the MEP network to generate significant bottom-line efficiencies through the employment of innovation techniques and other productivity improvement tools. MEP’s next generation of services help companies boost top-line growth through the development of new products, improved processes and expand into markets.

MEP leverages over $100 million of federal investment into a nearly $300 million program by partnering with state and local governments and the private sector to provide a wealth of expertise and resources to manufacturers. Each year, MEP is hired by manufacturers to solve problems, increase productivity, improve their economic competitiveness, and enhance their technological capabilities. As a result, MEP clients increase their sales, save time and money, invest in physical and human capital, and create and retain thousands of jobs. As a public/private partnership, MEP delivers a high return on investment to taxpayers. For every $1 dollar of federal investment, the MEP generates nearly $20 in new sales growth and $20 in new client investment. This translates into $2.5 billion in new sales annually. For every $2,100 of federal investment, MEP creates or retains one manufacturing job.

The MEP program consists of a nationwide network of manufacturing extension partnership centers located in all 50 states and Puerto Rico. MEP centers are a diverse network of state, university-based, and non-profit organizations. They offer products and services that meet the specific needs of their local manufacturers.

Centers work directly with local firms to provide expertise and services tailored to meet critical needs ranging from innovation strategies, process improvements and new product development. During Fiscal Year 2011, MEP provided intensive services in areas including business systems, human resource management, process improvement, product development, and market diversification. MEP services are provided through a combination of direct assistance from center staff and assistance from private-sector consultants. This diversity is a strength of the program and permits local MEP Centers to provide a wide range of mission-related services tailored to the state and regional economies they serve.

Driven by evolving customer and industry demands, MEP constantly refines and improves its products, services and delivery approaches. MEP’s work with clients focuses on technology, innovation, training, and technical assistance. Since the program began, clients have used the NIST MEP program over 490,000 times. In Fiscal Year 2011, MEP Centers engaged with more than 30,000 manufacturing establishments throughout the Uniters States and Puerto Rico to provide a range of services including one-on-one assistance to their needs in terms of education, information and implementation.

Small Manufacturers and Their Challenges

MEP’s primary clients, the more than 300,000 U.S. small manufacturing establishments with fewer than 500 employees, are important cornerstones of the U.S. economy and are essential contributors to national and economic security. Small manufacturing establishments are a critical national economic resource as reported by the U.S. Census Bureau: in 2007, they represented nearly 99 percent of all manufacturing establishments, accounted for 72 percent of all manufacturing employment, employed about 9.7 million people, and accounted for about 60 percent of the total value-added by all U.S. manufacturers.

Critical as they are to the national economy, smaller manufacturers are less likely than larger firms to implement new technology, adopt modern manufacturing processes, invest in worker training, engage in new forms of work organization or deploy improved business practices. Lacking the information networks, technical skills, and resources available to large firms, the productivity gap between small and large manufacturers has grown over time (See Figure 1).

In 2007, productivity per employee in large establishments was 73 percent higher than in small establishments. In 1967, productivity per employee was “only” 26 percent higher. Over the last 10 years, however, productivity among large firms grew at the same rate as small establishments.

The relationship between large and small firms is becoming more cooperative rather than competitive. As large firms increase their dependence on suppliers for parts and services, the performance and capabilities of small manufacturers is even more important to the competitiveness of all manufacturers and to the health of the U.S. economy. Further, large manufacturers are requiring small firms within their supply chains to meet increasingly rigorous quality standards, to reduce costs, and to become sources of innovation. Failure to comply with these requirements can prevent small firms from surviving in these important markets. MEP Centers work cooperatively with both large and small manufacturers to better understand the role small manufacturers increasingly play in making key components for larger establishments.

Figure 1: The Productivity Gap Between Small and Large Manufacturing Establishments is Growing, 1967-2007

![Figure 1](source: Census of Manufacturers, U.S. Census Bureau)

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1 The number of small manufacturing establishments is from the 2007 County Business Patterns data series.

2 This data is drawn from 2007 Economic Census: Manufacturing (Nov 2010)
The Manufacturing Extension Partnership Survey

Survey Purpose
Since 1996, NIST MEP has sponsored a national survey of center clients by independent survey experts. The survey asks clients to report on the business impact of the services provided by their local center. NIST MEP surveys clients for two primary purposes:

- Collect aggregate information on program performance indicators to report to various stakeholders on program performance. The survey provides information about the quantifiable impacts clients attribute to the services provided by MEP Centers. NIST MEP also conducts other episodic studies to evaluate the system’s impact that corroborate and complement the survey results.

- Provide center-specific program performance and impact information for center use. Centers use this information to communicate results to their own stakeholders at both the state and federal level. Center management and NIST MEP use these results to evaluate center performance and effectiveness. The MEP review process places a strong emphasis on a center’s ability to demonstrate impacts based on the survey results.

The survey results also provide MEP Centers with a tool to measure their center’s performance and effectiveness as well as benchmark their performance against other centers and performance standards. In addition, the data allows NIST MEP to gauge the impact of the national MEP system on America’s small manufacturers and its impact on the national and regional economies.

Survey Methods
Fors Marsh Group, LLC conducts the NIST MEP client survey. Fors Marsh Group, LLC is an Arlington, VA-based applied research firm. The company has experience both in market research and surveying with a specialization in dealing with small manufacturers.

Fors Marsh Group, LLC conducts the survey quarterly and MEP clients are interviewed annually. The survey asks clients to consider the entire set of projects or services provided by a center and to report on how their company’s performance and processes have been affected in the last 12 months. The survey asks clients to report on the impact of MEP services on bottom-line client outcomes and bottom-line impacts such as sales, jobs created/retained, capital investment and cost savings.

The survey has 16 questions and takes an average of 10 minutes to complete. A copy of the survey form and the questions is included in Appendix 3.

Clients are selected for the survey based on when the firm completes its first project with a center and are surveyed approximately 2 calendar quarters (6 months) later. Clients completing multiple projects with a center in a year are surveyed only once a year based on the date of their first completed project. While clients are selected based on when a project was completed with a center, the survey is client-based rather than project-based. Clients can be surveyed multiple times for one project at the MEP Center’s discretion. The intent for these multiple surveys is to capture impacts that may take multiple years to come to fruition, with particular emphasis on growth and innovation projects.

MEP, along with Fors Marsh Group, LLC, uses several tools and techniques to minimize both response and non-response bias to the survey. Response bias may arise due to inaccurate responses to particular questions; non-response bias may arise due to errors because of an unrepresentative sample of MEP clients actually being surveyed. This might occur because some clients decline to participate or cannot be reached during the four-week survey period.

Several steps are taken to limit response bias. Clients are informed that they were selected for an interview and are encouraged to participate in the study. A letter or email is sent to each client announcing that they were selected for the survey. The MEP Centers also follow up with non-respondents during the survey period via phone and email to encourage participation.

Table 1 shows the number of interviews conducted in each survey period, the number that completed an interview, and the response rate.

For FY2011, 7,611 surveys were attempted, with 6,047 responding; resulting in an 80% response rate for the year.

1 Appendix 1 explores the characteristics of the clients that responded to the survey and those that did not to examine if there are indications of potential response bias. Appendix 2 provides a copy of the actual survey instrument and the results for each question based on the client responses.
Delivering Measurable Results to Manufacturing Clients

Client Impact Survey Results

The Manufacturing Extension Program delivers measurable results to its clients. The services provided lead to improvements in client sales, investment, and cost savings, as well as increased and retained employment. The data provides detail on why clients work with a center, productivity and competitiveness improvements reported by MEP clients. Data will also show detail on the bottom-line impacts reported by the 6,047 MEP clients interviewed.

Clients chose to work with MEP because of the program’s expertise. A majority of clients chose to work with MEP because of the knowledge and expertise of the center staff. Nearly 45% of the clients reported that the price of MEP’s services contributed to their decision to work with MEP. The center’s reputation for results and fair/unbiased service together represented about half of all responses.

Table 1: Why Clients Choose to Work with MEP Clients

<table>
<thead>
<tr>
<th>Factor for Choosing MEP</th>
<th>Percent of Clients Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center/Staff Experience</td>
<td>60.5%</td>
</tr>
<tr>
<td>Cost/Price of Services</td>
<td>42.6%</td>
</tr>
<tr>
<td>Reputation for Results</td>
<td>24.1%</td>
</tr>
<tr>
<td>Fair and Unbiased Advice/Services</td>
<td>22.5%</td>
</tr>
<tr>
<td>Knowledge of Your Industry</td>
<td>18.1%</td>
</tr>
<tr>
<td>Specific Services Not Available from Other Providers</td>
<td>11.1%</td>
</tr>
<tr>
<td>Lack of Other Providers Nearby</td>
<td>3.8%</td>
</tr>
<tr>
<td>Other</td>
<td>6.8%</td>
</tr>
</tbody>
</table>

Note: percentages do not add to 100 since clients can select more than one factor. n = 6,047 Clients

The majority of MEP clients reported that MEP was their exclusive provider of business improvement services.

Table 2: Percent of Clients Reporting Using Other Service Providers

<table>
<thead>
<tr>
<th>Other Service Provider Used</th>
<th>Percent of Clients Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>41.9%</td>
</tr>
<tr>
<td>No</td>
<td>52.7%</td>
</tr>
<tr>
<td>Don’t Know/Refused</td>
<td>5.4%</td>
</tr>
</tbody>
</table>

n = 6,047 Clients

MEP clients face a wide array of challenges. While ongoing continuous improvement remains important to manufacturers, the need to innovate and grow is extremely important, as is sustainability. Seven in ten MEP clients view continuous improvement and cost reduction strategies as one of their biggest strategic challenges.

Table 3: Top Challenges facing MEP clients over the next three years

<table>
<thead>
<tr>
<th>Strategic Challenge</th>
<th>Percent of Clients Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ongoing Continuous Improvement</td>
<td>72.5%</td>
</tr>
<tr>
<td>Identifying Growth Opportunities</td>
<td>54.1%</td>
</tr>
<tr>
<td>Product Innovation/Development</td>
<td>48.8%</td>
</tr>
<tr>
<td>Sustainability in Products and Processes</td>
<td>24.5%</td>
</tr>
<tr>
<td>Employee Recruitment and Retention</td>
<td>33.6%</td>
</tr>
<tr>
<td>Financing</td>
<td>12.7%</td>
</tr>
<tr>
<td>Managing Partners and Supplies</td>
<td>14.2%</td>
</tr>
<tr>
<td>Technology Needs</td>
<td>11.8%</td>
</tr>
<tr>
<td>Exporting/Global Engagement</td>
<td>7.9%</td>
</tr>
<tr>
<td>Other</td>
<td>5.0%</td>
</tr>
</tbody>
</table>

Note: percentages do not add to 100 since clients can select more than one factor. n = 6,047 Clients

MEP services had a significant impact on company sales. As a result of the services provided, a majority of MEP clients reported either increased sales or retained sales, resulting in $6.6 billion in sales impact during FY 2011.

Figure 2: Sales Impacts Reported by MEP Clients

<table>
<thead>
<tr>
<th>Impact</th>
<th>Dollar Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increased Sales</td>
<td>$2.5 Billion</td>
</tr>
<tr>
<td>Retained Sales</td>
<td>$4.1 Billion</td>
</tr>
</tbody>
</table>

n = 6,047 Clients
**Client Impact Survey Results continued**

**MEP clients created and retained over 61,000 jobs as result of services.** MEP services led to 5 out of 10 clients reporting they either created or retained jobs during FY 2011. Overall, MEP clients created and retained 61,139 jobs.

**Figure 3: Employment Impacts Reported by MEP Clients**

<table>
<thead>
<tr>
<th>Impact</th>
<th>Number of Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creation of New Jobs</td>
<td>18,069 jobs</td>
</tr>
<tr>
<td>Retention of Jobs</td>
<td>43,070 jobs</td>
</tr>
</tbody>
</table>

$n = 6,047$ Clients

**MEP clients reported significant cost savings.** Two-thirds of MEP clients surveyed said the services resulted in cost savings in areas such as labor, materials, inventory, and energy. MEP clients realized over $900 Million in total cost savings in FY 2011.

**Figure 4: Cost Savings Impacts Reported by MEP Clients**

<table>
<thead>
<tr>
<th>Impact</th>
<th>Dollar Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor, material, overhead, inventory, etc.</td>
<td>$662 million</td>
</tr>
<tr>
<td>Cost Savings on Investments Made or Avoided</td>
<td>$250 million</td>
</tr>
</tbody>
</table>

$n = 6,047$ Clients
MEP services leveraged significant new client investment. Most clients reported increased investment in key areas of their operations. MEP services leveraged significant new investments among its clients, totaling over $2.5 billion. The bulk of new investments reported by clients were in plant and equipment; but an increasing share of the new investment reported by clients was in more intangible areas such as new products, processes, services, employee skills, information systems, and research and development.

Figure 5: Investment Impacts Reported by MEP Clients

<table>
<thead>
<tr>
<th>Impact</th>
<th>Dollar Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant and Equipment</td>
<td>$1.4 billion</td>
</tr>
<tr>
<td>New Processes Products &amp; Services</td>
<td>$699 million</td>
</tr>
<tr>
<td>Information systems and software</td>
<td>$161 million</td>
</tr>
<tr>
<td>Other areas of business</td>
<td>$139 million</td>
</tr>
<tr>
<td>Workforce practices and employee skills</td>
<td>$112 million</td>
</tr>
</tbody>
</table>

More than two-thirds of clients reported they are very likely to recommend the MEP center. NIST MEP asks clients how likely they are to recommend the center they worked with to other companies, on a scale of zero to ten (with zero representing not at all likely and 10 very likely). The question is asked in a manner consistent with the Net Promoter Score (NPS) methodology. Those clients selecting 10 or 9 are considered promoters, those who selected 8 or 7 are considered passive, and those answering 6-0 are considered detractors. Nearly three-quarters of the clients received services in FY2011 reported they are very likely to recommend the center they worked with other firms.

Table 4: Likeliness to Recommend MEP Center

<table>
<thead>
<tr>
<th>Category</th>
<th>Percent Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promoter</td>
<td>74.0%</td>
</tr>
<tr>
<td>Passive</td>
<td>18.4%</td>
</tr>
<tr>
<td>Detractor</td>
<td>5.4%</td>
</tr>
</tbody>
</table>

CONCLUSION

The Manufacturing Extension Partnership (MEP) focuses on results and outcomes. MEP maintains accountability to clients, investors, and stakeholders by asking the people with the best information—the manufacturing clients—about the impacts of MEP services.

MEP delivers measurable results to clients and investors. Each year, with MEP services, thousands of companies solve problems, increase productivity, achieve higher profits, find new markets, adopt technologies, innovate and create and retain thousands of jobs.

In FY 2011, MEP clients reported that these services led to:

- Creating and retaining more than 61,000 jobs;
- Helping firms increase and retain sales by over $6.6 billion;
- Leveraging over $2.5 billion in new private sector investment;
- Generating cost savings of over $900 million.

Results from other studies reinforce and complement NIST MEP survey findings. The survey data and studies highlight the positive effects on the manufacturers MEP serves, creating a positive contribution to local, state, and U.S. economies.
APPENDIX 1

Characteristics of Respondents and Non-respondents

This appendix explores the characteristics of the population selected for survey and examines whether there were important differences among those responding to the survey and non-respondents. The data in this report are from a representative cross-section of MEP clients in FY 2011. Those responding to the survey did not significantly differ from the larger population of all MEP clients we tried to contact but who did not respond. Thus, the data in this report represents the target population and represents a conservative and reasonable estimate of MEP program impacts based on client responses. The data reported here represent actual responses from the clients. Data have not been weighted nor have missing data been imputed.

Below is additional information regarding the characteristics and distribution of the survey respondents compared to non-respondents.

Appendix Table 1.1: Characteristics of Survey Respondents & Non-Respondents in Terms of Establishing Size Category

<table>
<thead>
<tr>
<th>Employment Size Category</th>
<th>Survey Respondents (n=6,047)</th>
<th>Survey Non-Respondents (n=1,564)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-19 employees (n=2,530)</td>
<td>23.9%</td>
<td>24.4%</td>
</tr>
<tr>
<td>20-99 employees (n=3,875)</td>
<td>42.0%</td>
<td>40.2%</td>
</tr>
<tr>
<td>100-249 employees (n=1,935)</td>
<td>20.3%</td>
<td>20.5%</td>
</tr>
<tr>
<td>250-499 employees (n=964)</td>
<td>10.1%</td>
<td>10.3%</td>
</tr>
<tr>
<td>At least 500 employees (n=350)</td>
<td>3.6%</td>
<td>4.6%</td>
</tr>
<tr>
<td>Total population (N=7,611)</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

The portion of clients responding to the survey closely tracks the distribution of the total population. Smaller clients (i.e., those with less than 100 employees) were slightly more likely to respond to the survey as compared to larger clients (those with 100 or more employees).
APPENDIX 2

Client Impact Survey - FY 2011 National Results
(n=6,047 respondents)

1. For analytical purposes, we would like to verify who completed this survey.
   What is your job title?
   What is your name?

2. What are the two most important factors for your firm choosing to work with (Center Name)?
   - Center/staff expertise
     Percent of respondents selecting – 60.5%
   - Cost/price of services
     Percent of respondents selecting – 42.6%
   - Fair and unbiased advice/services
     Percent of respondents selecting – 24.1%
   - Reputation for results
     Percent of respondents selecting – 22.5%
   - Knowledge of your industry
     Percent of respondents selecting – 18.1%
   - Specific services not available from other providers
     Percent of respondents selecting – 11.1%
   - Other (specify)
     Percent of respondents selecting – 6.8%
   - Lack of other providers nearby
     Percent of respondents selecting – 3.8%
   - Don’t know/Refused
     Percent of respondents selecting – 1.5%

3. In addition to (Center Name), has your company used any other external resources/providers to address business performance issues over the past 12 months?
   Yes – 41.9%
   No – 52.7%
   Don’t know/Refused – 5.4%

4. As you look forward over the next 3 years, what do you see as your company’s three most important strategic challenges?
   - Ongoing continuous improvement/cost reduction strategies
     Percent of respondents selecting – 72.5%
   - Identifying growth opportunities
     Percent of respondents selecting – 54.1%
   - Product innovation/development
     Percent of respondents selecting – 48.8%
   - Employee recruitment and retention
     Percent of respondents selecting – 33.6%
   - Sustainability in products and processes
     Percent of respondents selecting – 24.5%
   - Managing partners and suppliers
     Percent of respondents selecting – 14.2%
   - Financing
     Percent of respondents selecting – 12.7%
   - Technology needs
     Percent of respondents selecting – 11.8%
   - Exporting/Global engagement
     Percent of respondents selecting – 7.9%
   - Other (specify)
     Percent of respondents selecting – 5.0%
   - Don’t know/Refused
     Percent of respondents selecting – 0.9%

5. Did the services you received directly lead to an increase in sales at your establishment over the past 12 months?
   Yes – 31.7%
   No – 41.5%
   Don’t know/Refused – 26.8%
   How much? $2,520,385,429

6. Over the past 12 months, did the services you received directly lead you to retain sales that would have otherwise been lost?
   Yes – 30.9%
   No – 36.6%
   Don’t know – 32.5%
   How much? 4,107,049,088
APPENDIX 2 continued

7. Did the services you received directly help your establishment? (check all that apply)
   - Get new customers – 27.2%
   - Enter new markets – 16.5%
   - Create new products – 12.8%
   - Create new services – 9.3%
   - Don’t know – 0.0%

8. What percentage of the new sales indicated in a previous question is attributable to new customers, new markets, new products, and/or new services?
   - What percentage? 70.5%
   - Don’t know – 0.0%

9. What percentage of the retained sales you indicated in a previous question is attributable to new customers, new markets, new products, or new services?
   - What percentage? 47.4%
   - Don’t know – 0.0%

10. Did the services you received directly lead you to create any jobs over the past 12 months?
    - Yes – 36%
    - No – 53%
    - Don’t know – 11%
    - How many? – 18,069

11. Did the services you received lead you to retain any jobs over the past 12 months?
    - Yes – 39%
    - No – 41.1%
    - Don’t know – 19.6%
    - How many? – 43,070

12. Did the services you received directly result in cost savings in labor, materials, energy, overhead, or other areas over what would otherwise have been spent in the past 12 months?
    - Yes – 50.8%
    - No – 27.2%
    - Don’t know – 22.0%

13. As a result of the services you received, has your establishment increased its investment over the past 12 months in:
    a. New products or processes?
       - Yes – 38.4%  How much? - $698,962,426
       - No – 47.8%
       - Don’t know/Refused – 13.8%
    b. Plant or equipment?
       - Yes – 42.8%  How much? - $1,392,476,102
       - No – 46.6%
       - Don’t know/Refused – 10.6%
    c. Information systems or software?
       - Yes – 27.5%  How much? - $161,317,892
       - No – 62.9%
       - Don’t know/Refused – 9.6%
    d. Workforce practices or employee skill?
       - Yes – 48.2%  How much? - $111,945,788
       - No – 40.6%
       - Don’t know/Refused – 11.2%
    e. Other areas of business?
       - Yes – 17.7%  How much? - $138,834,253
       - No – 61.5%
       - Don’t know/Refused – 20.8%
14. As a result of the services you received, did your establishment avoid any unnecessary investments or save on any investments in the past 12 months?

   Yes – 31.8%
   No – 41.3%
   Don’t know/Refused – 26.9%
   How much was saved/avoided? $250,095,316

15. Based on the benefits that resulted from the services provided, how likely would you be to recommend this MEP Center to other companies, assuming they are not direct competitors?

   Very Likely
   10 – 57.4%
   9 – 18.2%
   8 – 13.3%
   7 – 5.6%
   6 – 1.8%

   Neutral
   5 – 2.2%
   4 – 0.5%
   3 – 0.4%
   2 – 0.4%
   1 – 0.2%

   Not at all likely
   0 – 0.0%

16. Do you have any suggestions or comments for the center?
The NIST Manufacturing Extension Partnership is a nationwide system of resources, transforming manufacturers to compete globally, supporting greater supply chain integration, and providing access to technology for improved productivity. MEP is built around manufacturing extension centers locally positioned throughout the U.S. and Puerto Rico addressing the critical and often unique needs of America’s manufacturers.