SNAPSHOTS OF THE TRI-COUNTY KNOWLEDGE ECONOMY

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RED Team Membership Meeting
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With support from the U.S. Department of Commerce, Economic Development Administration
Knowledge Economy Jobs:
Wage and Job Trends for the Lansing MSA

- Average Wages in Lansing MSA:
  - Knowledge Economy = $59,353
  - All other occupations = $32,086

- Projected Growth for Knowledge Economy Occupation Groups (2000-2010)
  - Lansing MSA 13.2 %
  - Michigan 13.1 %
  - U. S. 21.0 %

Source: www.michlmi.org
Occupations with highest projected growth rates for
Tri County and Michigan

Projected Rate of Job Growth, 2000 - 2010

Source: www.michlmi.org
Occupations with highest projected number of new jobs in the Tri County Region

- Education, Training and library
- Sales and related
- Computer and mathematical
- Food preparation and serving related
- Healthcare practitioners and technical

Projected Number of Jobs Added, 2000 - 2010

Source: www.michlmi.org
Projected Growth Rate for Knowledge Economy Occupations for Tri County Region and Michigan

Projected Rate of Job Growth, 2000 - 2010

Source: www.michlmi.org
Projected Number of New Jobs in Knowledge Economy Occupations for Tri County Region

Projected Number of Jobs Added, 2000 - 2010

Source: www.michlmi.org
Lansing MSA

Knowledge Economy Occupation Trends

Size of bubbles = ratio of all employees 2010

- Green = Knowledge Economy groups
- Blue = All other occupation groups

Source: www.michlmi.org
Michigan State University
Knowledge Economy Research Group

Goal: To apply Progressive Policy Institute’s *New Economy Index* measures to Michigan counties

Fifteen indicators in 5 categories:

- Knowledge Jobs
- Digital Economy
- Innovation
- Globalization
- Dynamism
The Progressive Policy Institute
New Economy Project

State New Economy Index 2002

Source: www.ppionline.org
PPI New Economy Index Rankings for Great Lakes States, 2002

Source: www.ppionline.org
Knowledge Economy Overall Index

Tri-County Region

3. Ingham
10. Clinton
23. Eaton

Source: MSU Knowledge Economy Research Group
Knowledge Economy Indicators

Knowledge Jobs

Management & Professional Jobs

Percent of workforce

- More than 30%
- 25 - 30
- 23 - 25
- Less than 23

Leaders
Contenders
Followers
Laggards

Leaders: 12
Contenders: 28
Followers: 3
Laggards: 3

Workforce Education

Percent over age 25 with college degree

- More than 25%
- 20 - 25
- 15 - 20
- Less than 15

Information Technology Jobs

IT jobs as % of workforce

- More than 1.5
- 0.75 - 1.5
- 0.5 - 0.75
- Less than 0.5

Source: MSU Knowledge Economy Research Group
Digital Economy

Internet Use

Percent online at least three days/week

- More than 61%
- 59 - 61
- 57 - 59
- Less than 57

Cable Modem Access

Geographic Coverage

- Near-total or Total
- Significant
- Modest
- None

Digital Government

Percent of local governments with websites

- More than 30%
- 20 - 30
- 10 - 20
- Less than 10

Source: MSU Knowledge Economy Research Group
Knowledge Economy Indicators

East Central Michigan Region

Innovation

Leaders
Contenders
Followers
Laggards

Bioscience Jobs
- More than 1000
- 100 - 1000
- 1 - 99
- None

Number of jobs
- More than 1000
- 100 - 1000
- 1 - 99
- None

High Tech Jobs
- More than 3
- 1.5 - 3.0
- .75 - 1.5
- Less than .75

Number of tech jobs
- More than 3
- 1.5 - 3.0
- .75 - 1.5
- Less than .75

Venture Capital
- More than three
- Two or three
- One
- None

Number of firms
- More than three
- Two or three
- One
- None

Patents
- Per 100,000 pop.
- More than 50
- 10 - 50
- 0.1 - 10
- None

Per 100,000 pop.
- More than 50
- 10 - 50
- 0.1 - 10
- None

Engineers
- Per 1,000 workers
- More than 5.0
- 3.0 - 5.0
- 1.5 - 3.0
- Fewer than 1.5

Per 1,000 workers
- More than 5.0
- 3.0 - 5.0
- 1.5 - 3.0
- Fewer than 1.5

Source: MSU Knowledge Economy Research Group
Globalization

Firms That Export

Number of firms
- More than 100
- 10 - 100
- 2 - 9
- 0 - 1

Firms With Foreign Parents

Number of firms
- More than 25
- 10 - 24
- 1 - 9
- None

Source: MSU Knowledge Economy Research Group
Dynamism

Employment change – manufacturing jobs

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<thead>
<tr>
<th>Percent gain or loss 1997-2000</th>
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<tbody>
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<td>More than 20 %</td>
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Employment change – sole proprietorships

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Employment change – service jobs

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Source: MSU Knowledge Economy Research Group
Michigan State University
Community & Economic Development Program

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Smart Michigan

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