

Economic Opportunities 2015 is an ambitious vision investing more than \$38 million to move 76,000 people up one level in their education.

1. Program/Service Name

Economic Opportunities 2015 (EcO₁₅)

2. The Core Chamber Strengths Addressed

Economic Opportunities—The Chamber enhances and leverages the talents and resources of its members to improve economic opportunities for all.

3. Program/Project Summary

Economic Opportunities 2015 (EcO₁₅) is an economic development project that is creating a regional system of life-long learning by connecting the residents of ten counties within rural Southeast Indiana to better economic opportunities by the year 2015. The ambitious vision of EcO₁₅ is to invest more than \$38 million in infrastructure and common support services to move more than 76,000 people up at least one level in their training, education, and/or job placement within the region's three strongest economic clusters.

The key outcome of the program is to increase per capita income within the region.

The program is lead and managed by three partner organizations including the Columbus Area Chamber, the Community Education Coalition, and Heritage Fund: The Community Foundation of Bartholomew County.

(Word count: 123 words)

Although about 3,000 students graduate from our high schools each year, there is a 30% drop-out rate.

4. Needs Identification

- a. *Identify your target audience(s) and the needs your program/service meets. Needs should be clearly identified and ties to the organizational mission should be demonstrated.*

Our region faces significant challenges related to education. Although about 3,000 students graduate from high school each year, there is a 30% drop-out rate. The state average for those with a college degree or higher is 22% and the national average is 26%. Regrettably, our region's average is only 15.5%.

In light of concerns about the out-migration of our young people and the need for a more highly trained and skilled workforce, our highest priority was clear. It was agreed that the most important effort needed in our area was to provide a higher level of economic opportunity for all of our people through a life-long system of education and training.

- b. *Discuss your needs identification and data collection process for your project or program.*

EcO₁₅ was introduced first to the other nine community foundations in the region. These foundations were asked to become partners in developing and implementing the strategies for economic opportunity for our citizens and our communities through development of a regional system of life-long learning. The ten county meetings produced a consensus that the focus should be on Advanced Manufacturing, Healthcare Services, and Hospitality/Tourism.

- c. *Include as exhibits your anecdotal or formal evaluation results, such as research, key facts, figures, or trends about your community or target audience, situational analysis and/or copies of any survey instruments if used.*

Please see the following exhibit:

- Employment Projections and Educational Requirements Survey

(Word count: 174)

[Exit this survey](#)

Advanced Manufacturing Employer Survey

1. Your Company's Future Workforce

This survey is designed to capture the views and values of manufacturing employers doing business in Southeast Indiana. Economic Opportunities 2015 (or EcO15) is a not-for-profit organization working to align economic, workforce, and educational goals in order to support regional advanced manufacturing employers in Southeast Indiana. In order to keep and grow a regionally strong manufacturing base in our communities, we must promote an accurate vision of today's advanced manufacturing to our young people, their parents, educators, and working adults.

The survey is divided into 3 sections. Most questions provide several choices to move through quickly by clicking your selection. A few questions request your thoughts on how you might address a particular workforce challenge or opportunity. Count on about 15 minutes to carefully complete the entire survey. If you are interrupted prior to finishing, your responses may be saved for completion later on.

Survey Sections:

1. Your Company's Future Workforce – Responses to these questions should be made by envisioning your employees of the future including the skills they will need for increasing success in your business
2. Most Desired Workforce Skills – Skills valued and required by manufacturing employers
3. Current State of Your Workforce – Responses reflecting current realities in your workforce

This survey will remain open for employer responses through December 11, 2008. Aggregated results of the survey will be available to you in two ways: Online at www.eco15.org under the tab "Manufacturing Employer Survey Results"; a summary of results will be published in the EcO15 Newsletter in January of 2009.

Data collected will be used by EcO15 and regional educational institutions to guide curriculum planning and program offerings.

The EcO15 Team appreciates your thoughtful attention and responses. Individual responses will be completely anonymous. If you should have any questions or comments, we would be happy to hear from you. Please contact us at <mailto:sein@connectingeducation.org>

PLEASE TAKE THE SURVEY NOW

*** 1. Before you begin this survey, please complete the following:**

Your Name:

Company:

City/Town:

Email Address:

Phone Number:

*** 2. Does your business have new opportunities that could result in job growth?**

- Yes
- No

3. If yes, is your business positioned and ready to realize these opportunities?

- Yes
- No

*** 4. Would you expect to pay more than starting pay to your future employees who do have the required skills?**

- Yes
- No

*** 5. Would you offer recruitment incentives in order to get better skilled employees?**

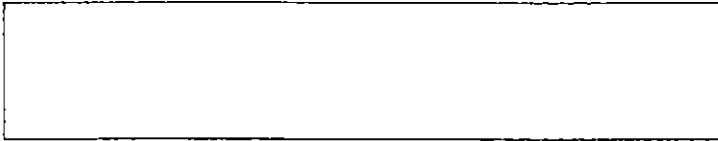
- Yes
- No

6. What kinds of incentives?

*** 7. Would you pay more for employees that obtain skill-based certifications such as MSSC (Manufacturing Skill Standards Council) or others?**

- Yes
- No

8. Which specific certifications are sufficiently valued by your business to earn a higher rate of pay for certified employees?



9. Which educational attainments (degrees/certificates) are most needed by your current and future employees?

	Critical	Very Important	Preferred	Not Very Important
ABE Adult Basic Education Courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
GED General Ed Diploma	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
AS Associate's - 2 yr degree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BS Bachelor's - 4 yr degree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MSSC - Manufacturing Skills Standards Certification	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NIMS - National Institute for Metalworking Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
OTHER Industry-Specific Certification	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Which 2 Year Post-Secondary (Associate's) degrees are important enough to your business to have an influence on hiring decisions?

	Critical	Very Important	Preferred	Not Very Important
Advanced Manufacturing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industrial Maintenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industrial Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Which 4 Year Bachelor's degrees are important enough in your business to influence hiring decisions?

Critical	Very Important	Preferred	Not Very Important
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Business	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Computer Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electrical Engineering Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industrial Engineering Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Logistics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mechanical Engineering Technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Organizational Leadership & Supervision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Fields - All Other Bachelor's Degrees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Software Engineering and Controls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. Which Master's degrees are important enough in your business to influence hiring decisions?

	Critical	Very Important	Preferred	Not Very Important
MBA Master's in Business Administration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Master's in Mechanical Engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Master's in Finance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Master's in Engineering Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Master's Degree - All Other Fields	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. Check the box next to each general Occupational Title that your company expects to hire within each time period indicated

Hires 0 to 18 Months Hires 19 to 36 Months Hires 36 Months Plus

Casting Machine

Setter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CNC Operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Specialist	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrician	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineers (All Degrees)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Financial Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Line Supervisor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial Engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial Production Mgr	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspector / Tester	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Machinist	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multiple Machine Operator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Positions (Not Listed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Production Associate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Team Assembler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Welder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. Based on your responses above, enter your best estimate of the total number of new hires your business expects to make for each position.

Casting Machine Setter	<input type="text"/>
CNC Operator	<input type="text"/>
Computer Specialist	<input type="text"/>
Electrician	<input type="text"/>
Engineers (All Degrees)	<input type="text"/>
Financial Analysis	<input type="text"/>
First Line Supervisor	<input type="text"/>

- Industrial Engineer
- Industrial Production Mgr
- Inspector / Tester
- Machinist
- Maintenance
- Multiple Machine Operator
- Other Positions (Not Listed)
- Production Associate
- Team Assembler
- Welder

*** 15. What are your specific thoughts on how to recruit, retain, and reward higher skilled employees?**

*** 16. When recruiting exempt / professional hires, do you look first to local schools?**

- Yes
- No

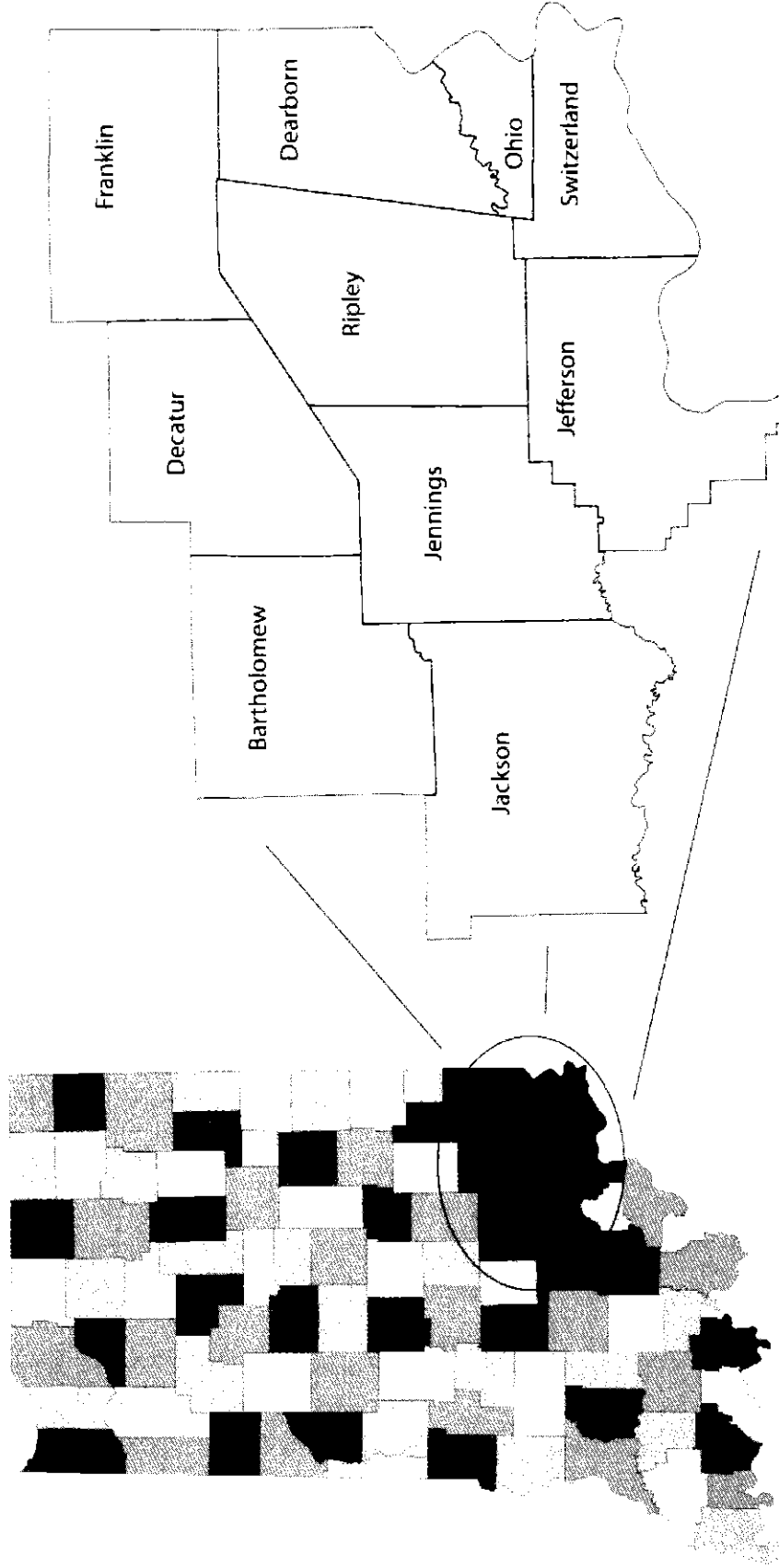
17. Which schools do you recruit from most often?

*** 18. Do you have an interest in Advanced Manufacturing for Management? (Curricula aimed at improving effectiveness of your manufacturing leader/manager positions?)**

- Yes
- No
- Tell Me More

Next

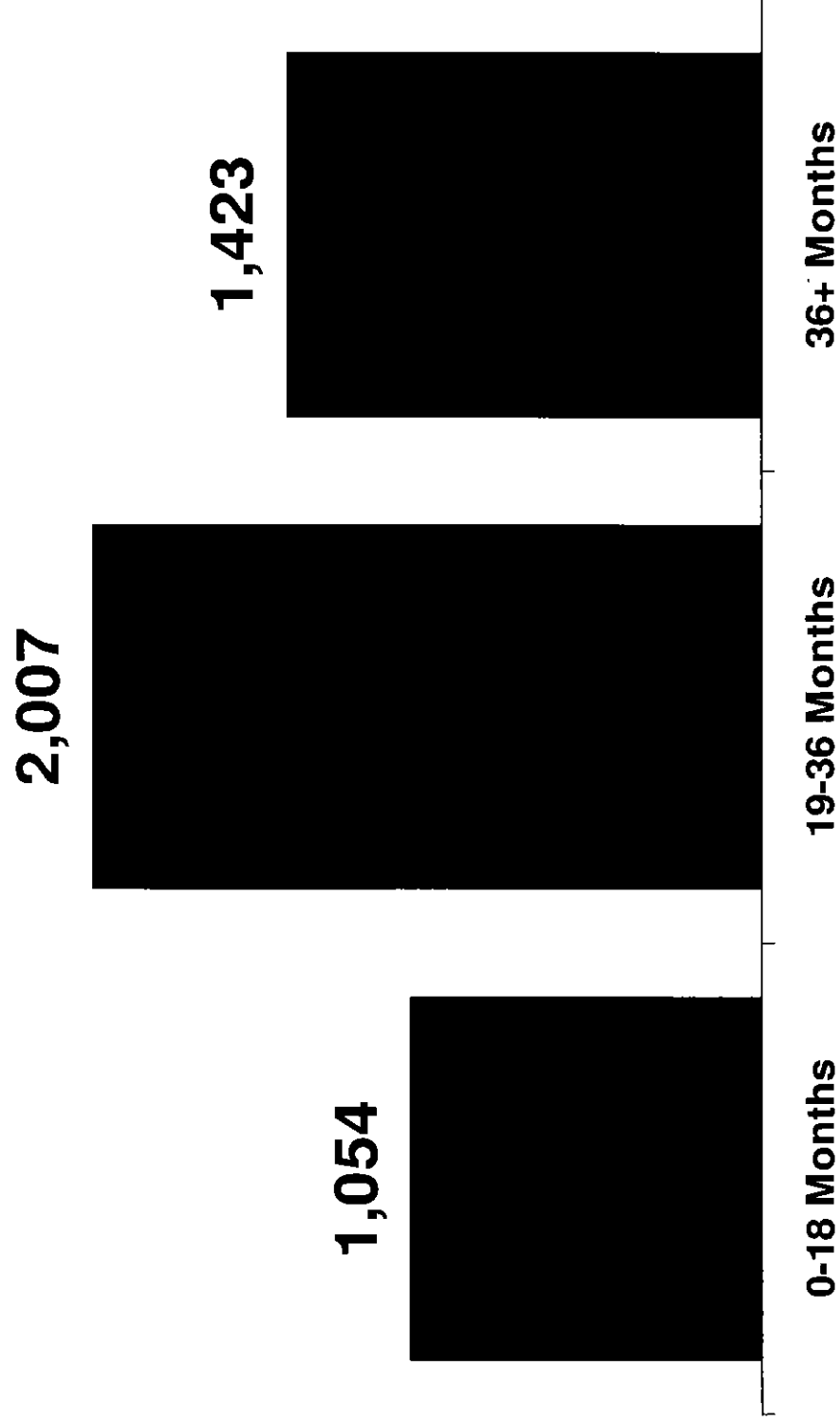
Occupational and Educational Projections Southeastern Indiana, 2010-2013





Employment Projections

Southeast Indiana, 2010 – 2013

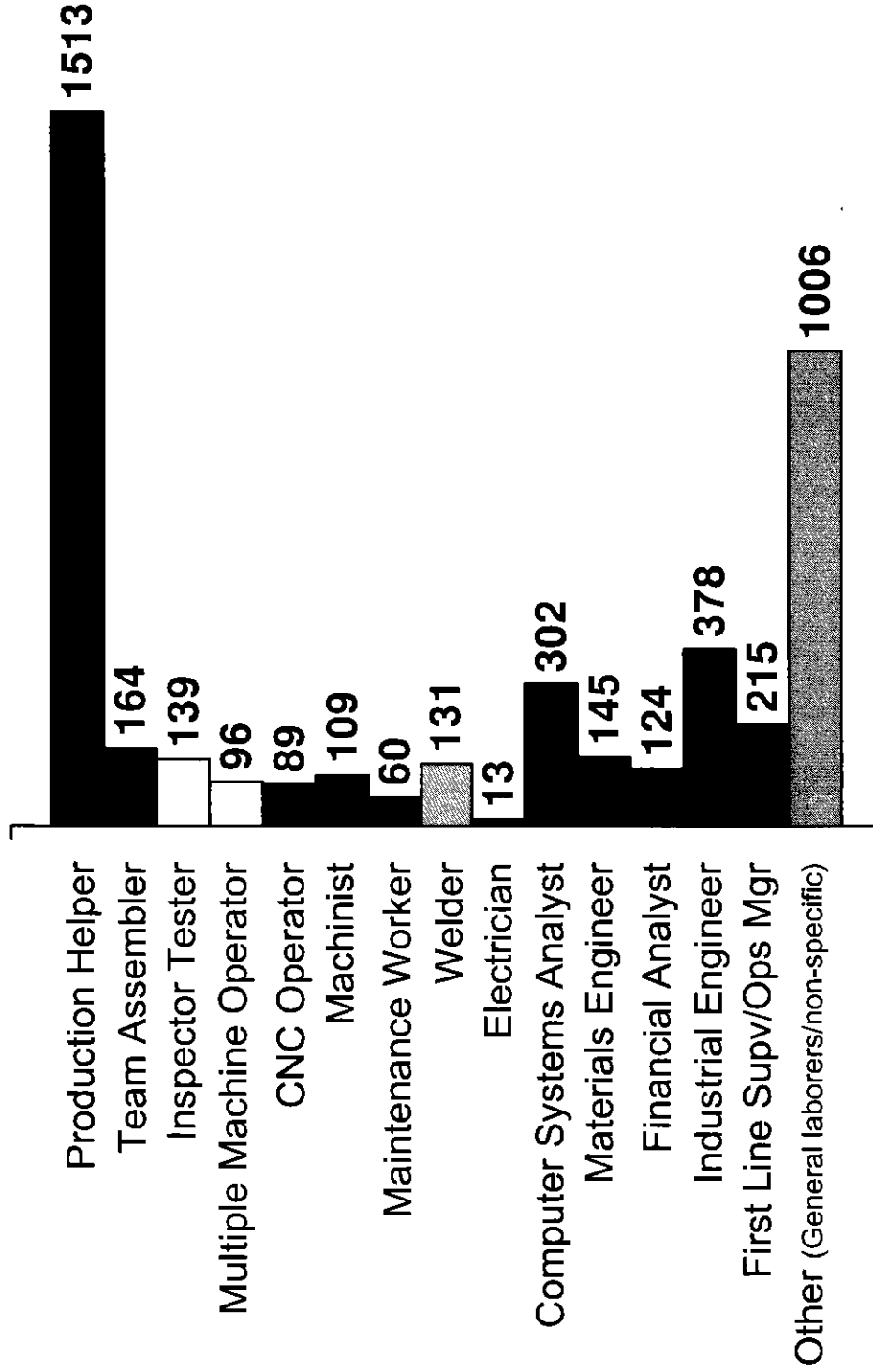




Employment Projections

Job Type

Southeast Indiana, 2010 – 2013

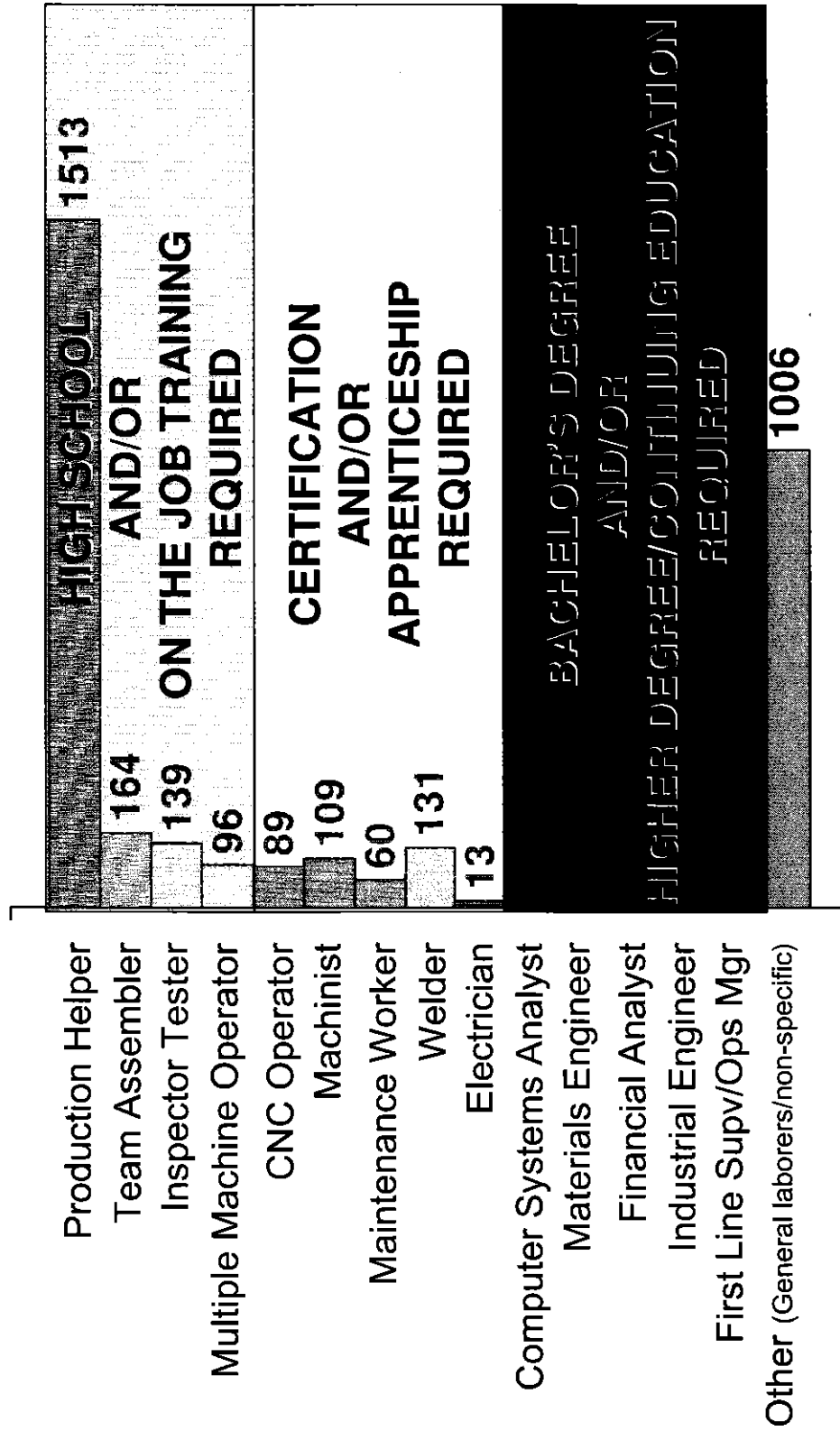




Employment Projections

Job and Educational Requirements

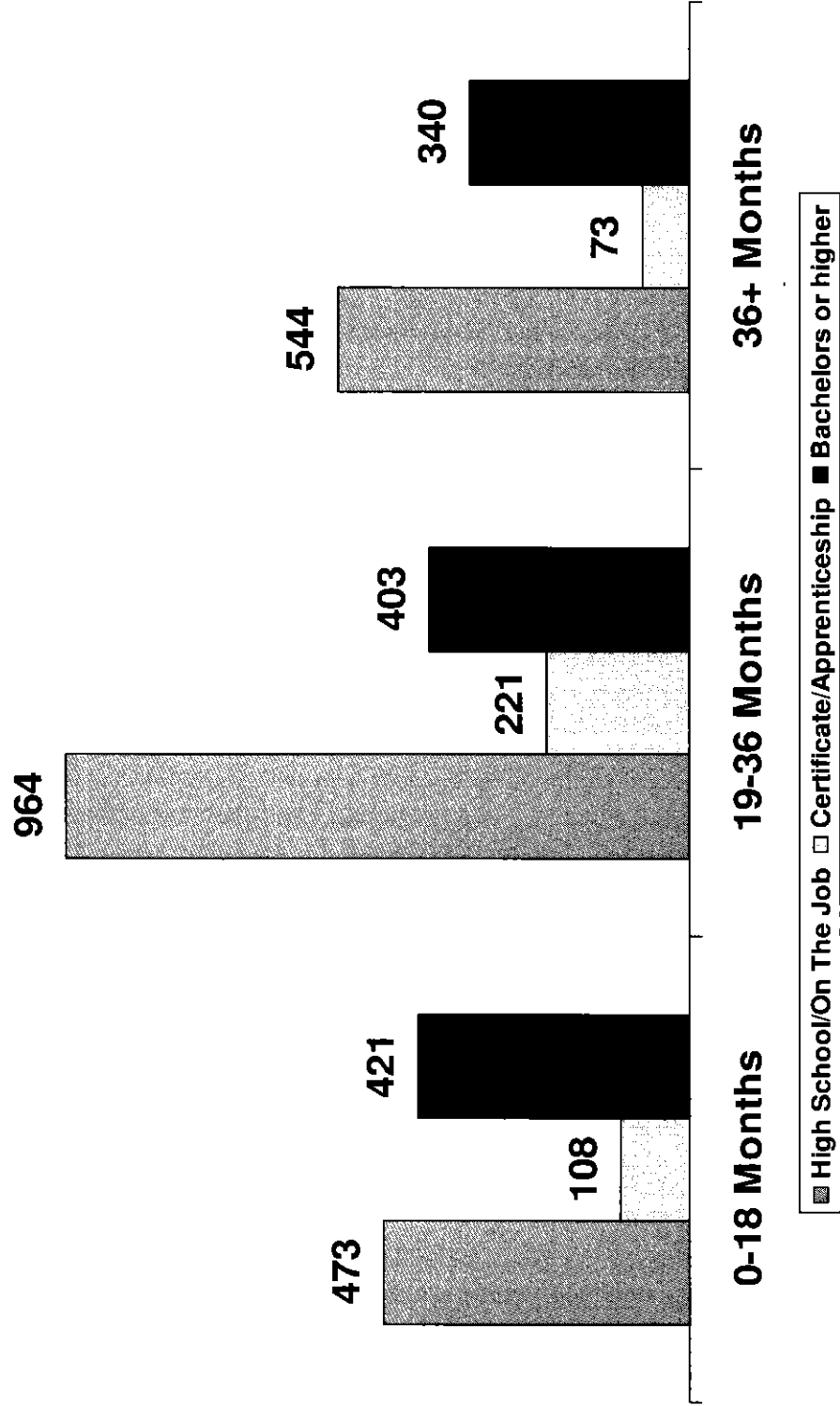
Southeast Indiana, 2010 – 2013





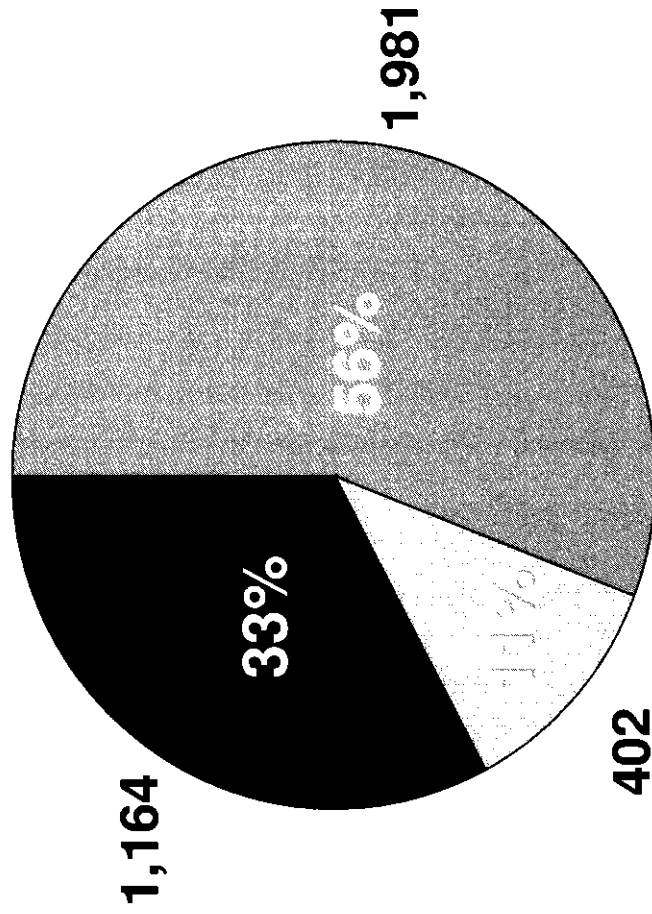
Educational Projections

Southeast Indiana, 2010 – 2013





Educational Projections Southeast Indiana, 2010 – 2013





Background Information

Summary of Data

Occupational Projections for Advanced Manufacturing - EGR9

Note: Please e-mail your completed form to:

Company Name **MASTER EGR9** County /Address: **maiko.trish.ward@eco15.org**
 Date Prepared: **9/29/2008** Contact Info: **Need more info? Phone: 812-314-8871**

Prepared By: **SCOFIELD - SUMMARY DATA Title: Eco15 Adv Mfg Coordinator**

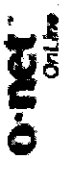
PROJECTED PROJECTED PROJECTED
 NEEDS - #FTE NEEDS - #FTE NEEDS - #FTE

0-18 Months 19-36 Months 36+ Months Avg Wage

SOC CODE*	OCCUPATION TITLE	ED RQMT	SUMMARY OF DUTIES
51-4072.00	Casting Machine Setter	Cert/Aspship	<u>Casting Machine Setter</u>
51-4011.00	CNC Operator	Cert/Aspship	<u>CNC Operator</u>
15-1051.00	Computer Specialist	BS	<u>Computer Systems Analyst</u>
17-2131.00	Engineers (All degrees)	BS	<u>Materials Engineer</u>
13-2051.00	Financial Analysis	BS	<u>Financial Analyst</u>
17-2112.00	Industrial Engineer	BS	<u>Industrial Engineer</u>
51-4041.00	Machinist	Cert/Aspship	<u>Machinist</u>
49-9043.00	Maintenance	Cert/Aspship	<u>Maintenance Worker</u>
11-3051.00	Industrial Production Mgr	BS	<u>Industrial Production Mgr</u>
51-1011.00	OperationsMgr/FirstLineSupv	BS	<u>First Line Supv / Operations Mgr</u>
51-9198.00	Production Associate	HS / OJT	<u>Production Helper</u>
51-2092.00	Team Assemblers	HS / OJT	<u>Team Assembler</u>
51-4122.00	Welders	Cert/Aspship	<u>Welder</u>
51-9061.00	Inspector, Tester	HS / OJT	<u>Inspector, Tester</u>
47-2111	Electrician	Cert/Aspship	<u>Electrician</u>
51-4081.00	Multiple Machine Operator	HS / OJT	<u>Multiple Machine Operator</u>
	Laborer - General	HS / OJT	
	Other - Specific		
	All Others - Non-Specific		

TOTALS

18.00	57.00	14.00
115.00	126.00	61.00
76.00	66.00	3.00
64.00	59.00	1.00
59.00	55.00	264.00
24.00	64.00	21.00
14.00	30.00	18.00
107.00	97.00	11.00
333.00	746.00	634.00
48.00	64.00	62.00
48.00	64.00	15.00
28.00	77.00	34.00
4.00	6.00	3.00
23.00	59.00	14.00
41.00	18.00	38.00
52.00	419.00	465.00



12/2/2008

EcO₁₅ is creating a true regional learning system by “connecting the dots” among sixty educational and workforce partners.

5. Program Objectives

- a. *Discuss the goals and objectives for the program, relative to your identified needs and target audiences. Objectives should be clearly stated, specific, measurable, and time sensitive (“SMART”).*

The goal of EcO₁₅ is to align the region’s learning system by “connecting the dots” among sixty educational and workforce partners to improve the economic vitality and quality of life for its members and community.

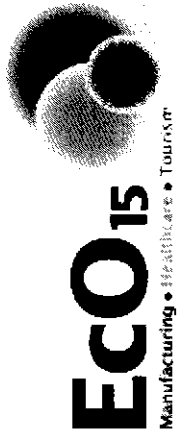
Over three years, the objectives are to:

- Move residents up one level in their education, training, and/or job placement by...
 - Creating an Advanced Manufacturing Network of Excellence
 - Creating a Healthcare Network of Excellence, and
 - Creating Career Pathways within Hospitality and Tourism
- Coordinate and align a regional learning system by...
 - Developing Career Pathways
 - Creating Career Awareness, and
 - Cultivating Emerging Innovations
- Be a catalyst for regional leadership by...
 - Identifying Catalytic Ideas for Progress
 - Increasing Regional Collaboration, and
 - Growing Community Leadership

- b. *Include electronic and/or hardcopies of strategic or project plans as supporting material.*

- Economic Opportunities 2015 (EcO₁₅) Proposal at end of synopsis

(Word count: 125)



Project Goal Tree

Vision: To Connect the Residents of Southeastern Indiana to Economic Opportunities Through Education by 2015

OBJECTIVES

1
 MOVE STUDENTS UP LINE TO GET THEM INTO THEIR EDUCATION, TRAINING AND/OR JOB PLACEMENT

COORDINATE AND ALIGN A REGIONAL LEARNING SYSTEM BY CONNECTING THE DOTS

3
 BE A PART OF THE SOLUTION

STRATEGIES

[Blank strategy box]

Develop Career Pathways

Create Career Awareness

Cultivate Emerging Innovations

[Blank strategy box]

IMPACT

47,000 Advanced Manufacturing and Logistics Workers
15,000 Healthcare Services Workers
14,000 Hospitality/Tourism Workers
76,000 People

\$38M Leveraged Investment

EcO₁₅ aligns education with our region's key economic strengths in advanced manufacturing, healthcare services, and hospitality/tourism.

6. Methodology

- a. *Discuss the methods used to reach the objectives. Please list specific actions taken.*

To move residents up one level in their education or training:

EcO₁₅ is investing....

\$15 million in an Advanced Manufacturing Center of Excellence which will build capacity and competitiveness for manufacturers in Southeastern Indiana.

\$6 million in regional integrated technology labs to support science, technology, engineering, and math (STEM) education within each of the surrounding ten counties.

\$4.2 million to develop a Healthcare Clinical Simulation Lab through an agreement among regional universities and hospitals.

To coordinate and align a regional learning system:

EcO₁₅ is "connecting the dots" among sixty educational and workforce partners by investing \$11.2 million in a human network that includes an EcO₁₅ Coordinator for each of the three major economic clusters, 10 Regional County Coordinators, and 34 High School Dream It. Do It. Career Champions.

To be a catalyst for regional leadership:

EcO₁₅ is lead by a 40-member regional advisory council. The council is made up of representatives from each of the 10 counties and includes leaders from community foundations, educators, chambers, workforce partners, employers, economic development, and government.

- b. *A detailed budget should be included, indicating expenses, revenues and in-kind contributions.*
- Detailed project budget follows

(Word count: 172)

**Economic Opportunities 2015
Development and Sustainability Budget**

	One Time Initial Investment	Three Year Operating Budget	Totals	On-Going Annual Sustainability
Advanced Manufacturing Opportunities				
Advanced Manufacturing Center of Excellence (hub)				
Construction and Development Costs	13,500,000	-	13,500,000	-
Annual Operating Budget	-	1,500,000 *	1,500,000	375,000
Regional Manufacturing Labs (nodes)	6,000,000	-	6,000,000	- ²
Mobile Labs	500,000	-	500,000	- ²
Professional Development	1,500,000	-	1,500,000	-
Dream It. Do It. Personnel	-	1,200,000	1,200,000	400,000
Sub-Total for Advanced Manufacturing	21,500,000	2,700,000	24,200,000	775,000
Healthcare Service Opportunities				
Simulation Labs	3,000,000	-	3,000,000	- ²
BSN Support	500,000	-	500,000	-
Professional Development	350,000	-	350,000	-
Healthcare Services Personnel	-	300,000	300,000	100,000
Sub-Total for Healthcare Services	3,850,000	300,000	4,150,000	100,000
Hospitality/Tourism Opportunities				
Pathway Development	300,000	-	300,000	-
Hospitality/Tourism Personnel	-	150,000	150,000	50,000
Sub-Total for Hospitality/Tourism	300,000	150,000	450,000	50,000
Common Support Services				
EcO15 Coordinators	-	3,000,000	3,000,000	1,000,000
Marketing, Recruit & Refer, Assessment, Placement	-	1,750,000	1,750,000	450,000 ¹
Coordination of EcO15 Initiative	-	500,000	500,000	150,000 ¹
Emerging Innovations	750,000	-	750,000	-
Evaluation and Continuous Improvement	-	200,000	200,000	50,000 ¹
Sub-Total for Common Support Services	750,000	5,450,000	6,200,000	1,650,000
Endowment	3,000,000	-	3,000,000	-
Grand Totals	29,400,000	8,600,000	38,000,000	2,575,000

* Calculated on a Four Year Operating Budget

1 Ongoing, but at a smaller operating scale and scope

2 Ongoing costs described in the sustainability narrative

Enrollments in STEM-related degrees have increased more than 30% in just the last 18 months.

7. Communications

- a. *Provide an outline of your chamber's communications strategy for the programs or service, including specific marketing, communications, advertising, and/or public relations vehicles.*
- b. *For each description of the communications vehicle, include the communications points and/or call to action communicated as well as the target audience you intended to reach.*

EcO₁₅ created two campaigns—one for the overall program and a second campaign focused on promoting awareness of advanced manufacturing careers called Dream It. Do It.

EcO₁₅ Campaign...

Brochures: Were created for educators, students, parents, and employers each with its own call-to-action. They are distributed through sixty educational and workforce partners.

Videos: Highlight companies in all ten counties and include interviews with young people who work there. Videos are distributed through the website.

Websites: Were designed (www.eco15.org and www.dreamit-dot.com/Southeastindiana) and are presented by targeted audience.

Dream It. Do It. Campaign...

Manufacturing has an outdated image. The Dream It. Do It. campaign was created because these perceptions are out of step with the modern careers in manufacturing. The following media are used throughout ten counties to create career awareness among young people:

- Billboards with texting capabilities
- Radio spots
- Cable spots, and
- Online newspaper advertising

- c. *Briefly describe how your chamber developed and then executed its communications strategy to inform your intended target audiences about your program/service.*

The program employs a full-time marketing coordinator that works directly with the EcO₁₅ County Coordinators and the Regional Advisory Board to develop and execute the strategic marketing plan.

- d. *Appropriate supporting materials including web pages describing the program, ads, brochures, guides, press releases, speeches, etc.*

- Supporting Media Material follows

(Word count: 175)

EcO₁₅ is recognized as a unique model for how communities educate their citizens to drive the productivity of their regional economies.

8. Evaluation

- a. *Demonstrate the impact your program or service had on your community and/or membership. Outcomes of your program or service should be related to your stated program objectives. Partial or projected information is acceptable.*

Based on the program's vision, Lilly Endowment Inc. provided \$38 million in grants for the implementation of EcO₁₅. Lilly Endowment President Clay Robbins said, "The Endowment presented an invitation to propose a plan because of the strength of the community's leadership and vision."

The long-term impact of EcO₁₅ is to increase regional per capita income. This metric is now growing at a faster rate relative to Indiana (111% of the State average) and is also closing the gap with the U.S. average. As a result, Columbus ranked as the number one metropolitan area for job growth in Indiana growing over 10 percent.

Since per capita income is a lagging indicator, we are also tracking other leading indicators that provide quantifiable evidence that workers are moving up one level. Within the first year, related regional enrollments increased as follows:

- Pre-engineering enrollments increased 147%
- Ivy Tech Community College related enrollments increased 16%
- 2- and 4-Year Certification enrollments increased 10.5%
- Purdue College of Technology enrollments increased 6%
- STEM enrollments have increased by more than 500 students

By using education as a bridge to connect people to economic opportunities and by understanding that issues, challenges and opportunities don't stop at county lines, EcO₁₅ is becoming will be a unique model within the United States concerning how regions educate their citizens and leverage that talent to drive the productivity and competitiveness of their regional economies.

- b. *Demonstrate the outcomes of your communications related to your program or service. Partial of projected information is acceptable.*

The career awareness component of EcO₁₅ called Dream It. Do It. was selected as the 2009 Winner of the Progressive Manufacturing 100 Award. This national recognition demonstrates the effectiveness of the program's overall communications strategy which used a combination of advertising and text messaging to promote advanced manufacturing career awareness to students. The above enrollment data shows the results of the campaign's efforts.

c. *Identify appropriate supporting materials including data about increased sales, awareness, and membership; participation survey results; member or participant testimonials.*

- EcO₁₅ Enrollment Data follows

(Word count: 298)

Adv Mfg Program / Course	Bartholomew County Enrollments, Oct '08	Dearborn County Enrollments, Oct '08	Decatur County Enrollments, Oct '08	Franklin County Enrollments, Oct '08	Franklin County Enrollments, March '09	Jackson County Enrollments, Oct '08	Jackson County Enrollments, March '09
Project Lead the Way							
Design and Modeling	218						
The Magic of Electrons	43						
Science of Technology							
Automation and Robotics							
Flight and Space		28	36				
Intro to Engineering Design - IED	69		4				
Principles of Engineering - POE	28						
Computer Integrated Manufacturing - CIM	13		9				
Digital Electronics	21						
Engineering Design and Development - EDD							
Industrial Technology							
EDD (Capstone Course)							
Civil Eng & Arch.							
Principles of BioMed							
SUB-TOTAL - ALL PLTW							
MSSC - Mfg Skills Standards Certification							
Safety (1)	4						
Quality Practices & Measurement (?)							
Mfg Processes & Production (3)							
Maintenance Awareness (4)							
SUB-TOTAL - ALL MSSC							
Computer Aided Design - CAD	27	53	208				
Electronics	41	20	174				
Electrical Trades	30					23	40
Machine Trades	69		112				
Computer Numeric Controls	47		458				
Computer Technology	118	37	2			30	
Welding							
Graphic Imaging Technology 1 & 2							
Drafting							
Introduction to Technology							
Computer Repair							
ICE Work to School							
Manufacturing Systems (Intro to Technology)							
Manufacturing Systems							
Manufacturing Processes							
Patron/ Patterson Tech Ed.		232					
Digital Media							
Computer Network							
SUB TOTAL - ALL CAREER TECH ED	132	142	1,075/58				
SUB TOTAL FOR \$ E C - VERSAILLES	429	452	1,035/613				
Pre-Calculus/Trig/AP Calculus	651	307	211	121	73	135	253
Algebra Honors		45					
Pre-Algebra							
Algebra I & II	1640	1003	637	68	171	68	1023
Advanced Algebra / Algebra IB		122					
Probability & Statistics / AP Statistics	149	38	17				
Discrete Mathematics							
Calculus I, II, & III	123						
General Physics I & II	751	79	37	35	31	9	34
University Physics I & II	36	102					
General Chemistry I & II	842	385	328	260	149	165	143
Organic Chemistry I & II	24						
AP Chemistry	1459	278	478	6	279	261	815
Principles of Biology / AP Biology	7						
Adv. Environmental Science	287	317	75	100	68	30	325
Earth & Space Science							
Life Science	0	0	0	55		0	
Integrated Chemistry & Physics							
Biology I & II	252	252		529		529	
Biology, Bio Honors & AP Biology	178	210		10		10	
Geology							
School Yearbook/Media Productions							
Computer Applications							
Human Physiology							

Adv Mfg Program / Course	Bartholomew County Enrollments, Oct '08	Dearborn County Enrollments, Oct '08	Decatur County Enrollments, Oct '08	Franklin County Enrollments, Oct '08	Franklin County Enrollments, March '08	Jackson County Enrollments, Oct '08	Jackson County Enrollments, March '08
Adv Mfg Program / Course							
Human Anatomy							
Human Genetics							
Zoology Vertebrate							
Zoology Invertebrate							
Botany							
Intro to Engineering							
Tech Systems							
Transportation							
Construction Systems							
Construction Processes							
Building Trades							
Geometry	357			222	222		373
AP Chemistry	12			18	18		
AP Physics	24						
College Chemistry at Hanover							
Integrated Chem/Physics							
SUB TOTAL - ALL STEM							
Drafting, CAD, Design	45		44				
Electronics, Electrical Maintenance, Electricians	4		4				
HVAC			1				
Industrial Maintenance	5		2				
Robotics							
Manufacturing Tech	78		6				
Machine Tool Tech	0	0	0				
Industrial Tech	20		0				
Quality Tech							
Supervision							
Welding			1				
SUB TOTAL IVY TECH - REG 10	512	770	1,503,906				
Manufacturing and Industrial Technology							
Design Technology							
Electronics							
Welding							
Supervision							
SUB TOTAL IVY TECH - REG 11	180	285	1,038,889				
AS&BS -Mechanical Engineering Technology	81						
AS & BS Industrial Technology	12						
AS&BS Org Leadership & Supervision (OLS)	74						
AS&BS Computer Information Technology	48						
Mechanics Modules	0						
SUB TOTAL FOR PCT	184	199	1,023,773				
Technical Management Program							
Enrollment Totals	6681	4268	2836	2888	1863	1473	1167
COUNTY - % Increase Over Prior Semester							

Adv Mfg Program / Course	Jefferson County Enrollments, Oct '08	Lawrence County Enrollments, March '08	Jennings County Enrollments, Oct '08	Ohio County Enrollments, March '08	Ohio County Enrollments, Oct '08	Ripley County Enrollments, March '08	Ripley County Enrollments, Oct '08	Switzerland Co. Enrollments, March '08	Switzerland Co. Enrollments, Oct '08	Regional Program TOTAL OCT. '08	Mathematical Programs Total, Oct. '08
Project Lead the Way											
Design and Modeling											
The Magic of Electrons											
Science of Technology											
Automation and Robotics											
Flight and Space											
Intro to Engineering Design - IED			49	31	13	64	187				218
Principles of Engineering - POE			95	24	24	11	45				43
Computer Integrated Manufacturing - CIM			16								0
Digital Electronics			21								0
Engineering Design and Development - EDD											0
Industrial Technology			107								362
EDD (Capstone Course)			14								196
Civil Eng & Arch.			4				15				38
Principles of Biomed			65								42
SUB-TOTAL - ALL PLTW											0
MSSC - Mfg Skills Standards Certification											0
Safety (1)			13								17
Quality Practices & Measurement (2)			13								13
Mfg Processes & Production (3)			13								13
Maintenance Awareness (4)			13								13
SUB-TOTAL - ALL MSSC											56
Computer Aided Design - CAD	14										348
Electronics							43		3		174
Electrical Trades							21		3		241
Machine Trades							17		1		106
Computer Numeric Controls							17				199
Computer Technology							80		346		17
Welding							63		46		941
Graphic Imaging Technology 1 & 2							0				296
Drafting							0				27
Introduction to Technology							0				25
Computer Repair							0				87
ICE Work to School							0				13
Manufacturing Systems (Intro to Technology)							0				13
Manufacturing Systems							0				30
Manufacturing Processes							0				30
Pastor/Patterson Tech Ed.							0				112
Digital Media							0				7
Computer Network							0				33
SUB TOTAL - ALL CAREER TECH ED											232
SUB TOTAL FOR S.E.C. - VERSAILLES											0
SUB TOTAL FOR C4 PGM - COLUMBUS											0
Pre-Calculus/Tig/AP Calculus	252	191	124	46	11	324	324	48	82		2198
Algebra Honors		71	25								70
Pre-Algebra					27						95
Algebra I & II	1087	871	618	173	132	717	829	298	230		7279
Advanced Algebra / Algebra IB											122
Probability & Statistics / AP Statistics	16	14	26			84					326
Discrete Mathematics			24								85
Calculus I, II, & III	48	13	66		11						349
General Physics I & II	43	63	178		11						1273
University Physics I & II	2										140
General Chemistry I & II	562	389	102	51	40	386	386	144	88		3168
Organic Chemistry I & II											24
AP Chemistry		16	13								25
Principles of Biology / AP Biology	790	604	362	146	71	793	514	128	138		4357
Adv Environmental Science	38										43
Earth & Space Science	288										1164
Life Science			187								187
Integrated Chemistry & Physics	0		338		0			14	130		573
Biology I & II											777
Biology, Bio Honors & AP Biology			65								275
Geology											10
School Yearbook/Media Productions											8
Computer Applications											19
Human Physiology											49

Jefferson County Enrollments, Oct '08	Jennings County Enrollments, March '08	Jennings County Enrollments, Oct '08	Ohio County Enrollments, March '08	Ohio County Enrollments, Oct '08	Ripley County Enrollments, March '08	Ripley County Enrollments, Oct '08	Switzerland Co. Enrollments, March '08	Switzerland Co. Enrollments, Oct '08	Research Proposal TOTAL, 10/15/09	REGIONAL PROGRAM TOTAL OCT. 08
Adv Mfg Program / Courses										
Human Anatomy	67	67							67	67
Human Genetics	57	57							57	57
Zoology Vertebrate	88	88							88	88
Zoology Invertebrate	47	47							47	47
Botany	34	34							34	34
Intro to Engineering	49	49							49	49
Tech Systems	129	129							129	129
Transportation	54	54							54	54
Construction Systems	63	63							63	63
Construction Processes	11	11							11	11
Building Trades	14	14							14	14
Geometry	270	270			469	469			1616	1616
AP Chemistry									30	30
AP Physics									26	26
College Chemistry at Hanover									0	0
Integrated Chem/Physics									0	0
SUB TOTAL - ALL STEM										
Drafting, CAD, Design									89	89
Electronics, Electrical Maintenance, Electricians									7	7
HVAC									1	1
Industrial Maintenance									7	7
Robotics									0	0
Manufacturing Tech									113	113
Machine Tool Tech									0	0
Industrial Tech									0	0
Quality Tech									20	20
Supervision									0	0
Welding									0	0
SUB TOTAL IVY TECH - REG 10										
Manufacturing and Industrial Technology	61	61							61	61
Design Technology	22	22							22	22
Electronics	13	13							13	13
Welding	0	0							0	0
Supervision									0	0
SUB TOTAL IVY TECH - REG 11										
AS&BS - Mechanical Engineering Technology									86	86
AS & BS Industrial Technology									15	15
AS&BS Org Leadership & Supervision (OLS)									115	115
AS&BS Computer Information Technology									38	38
Mechatronics Modules									0	0
SUB TOTAL FOR PCT										
Technical Management Program									0	0
Enrollment Totals	3782	3348	3510	432	2640	3382	1083	1117	28356	29330
COUNTY - % Increase Over Prior Semester	1.23%	(0.28%)	(0.28%)	0.71%	1.48%	1.48%	1.48%	1.48%		