Opportunity in Greater Baltimore’s Next Economy
Purpose of Project

- To demonstrate that Greater Baltimore’s transition to the ‘next economy’ has the potential to provide greater and higher quality employment opportunities for the region’s low income residents, if existing barriers to such opportunities are broken down.

- To establish a framework and theory of change for moving ‘opportunity’ into the mainstream of regional economic planning and strategy.
Main Messages:

1. Baltimore has a significant opportunity challenge: It is not generating enough good jobs, and low-income people aren’t accessing them.

2. Greater Baltimore has significant assets on which to build a more opportunity-rich next economy, but they aren’t being fully exploited.

3. Greater Baltimore needs to invest in the next economy and ensure that low-income people are connected to it.
Greater Baltimore’s Opportunity Challenge?

- **Unemployment rate (Dec 2011):** 6.8% (8.3%)
- **Job growth (2000 to 2010):** +1.7% (-1.5%)
- **Median household income (2010):** $65,406 ($54,988)
- **Change in median household income (2000 to 2010):** +1.7% (-9.6%)

Orange=Baltimore metro  
Gray=Top 100 metro average
Greater Baltimore’s Opportunity Challenge

23% of the metro population is low-income (below 200% of poverty)
Greater Baltimore’s Opportunity Challenge

97% of low income residents were employed at some point from 2005 to 2009

*No one industry has more than 5% share of total employment
Building the Next Economy

THE NEXT ECONOMY

- Opportunity rich
- Export
- Innovation
- Low carbon
### Building the Next Economy

<table>
<thead>
<tr>
<th>Sector</th>
<th>Jobs</th>
<th>Share of Metro Jobs*</th>
<th>Average Annual Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturing</td>
<td>63,600</td>
<td>4.9%</td>
<td>$68,920</td>
</tr>
<tr>
<td>Information technology</td>
<td>50,410</td>
<td>3.9%</td>
<td>$85,810</td>
</tr>
<tr>
<td>Bioscience</td>
<td>15,980</td>
<td>1.2%</td>
<td>$80,460</td>
</tr>
<tr>
<td>Clean economy</td>
<td>22,620</td>
<td>1.7%</td>
<td>$44,570</td>
</tr>
<tr>
<td>Transportation and logistics</td>
<td>29,220</td>
<td>2.2%</td>
<td>$49,730</td>
</tr>
</tbody>
</table>

* Some overlap in jobs exists among the five sectors
Opportunity in the Next Economy

Baltimore Metro average: 56.9%

- Transportation and Logistics
- Manufacturing
- Clean
- Biosciences
- IT

Share good wage
Opportunity in the Next Economy

- Transportation and Logistics
- Manufacturing
- Clean
- Biosciences
- IT

Baltimore Metro average:
- Share good wage: 56.9%
- Share < Bachelors: 68.3%
Opportunity in the Next Economy

- **Transportation and Logistics**: 68.3%
- **Manufacturing**: 56.9%
- **Clean**: 31.1%
- **Biosciences**: 68.3%
- **IT**: 31.1%

**Baltimore Metro average**: 68.3%
May 2011 National Industry-Specific Occupational Employment and Wage Estimates

Click on the North American Industry Classification System (NAICS) industry code and title to see national OES occupational employment and wage estimates for that industry. See the NAICS at BLS page for more information about the NAICS system.

List of NAICS sectors

- Cross-industry, private, federal, state, and local
- Cross-industry, private ownership only
- Sector 11 - Agriculture, Forestry, Fishing, and Hunting
- Sector 21 - Mining
- Sector 22 - Utilities
- Sector 23 - Construction
- Sectors 31, 32, and 33 - Manufacturing
- Sector 42 - Wholesale Trade
- Sectors 44 and 45 - Retail Trade
- Sectors 48 and 49 - Transportation and Warehousing
- Sector 51 - Information
- Sector 52 - Finance and Insurance
- Sector 53 - Real Estate and Rental and Leasing
- Sector 54 - Professional, Scientific, and Technical Services
- Sector 55 - Management of Companies and Enterprises
- Sector 56 - Administrative and Support and Waste Management and Remediation Services
May 2011 National Industry-Specific Occupational Employment and Wage Estimates

Sectors 31, 32, and 33 - Manufacturing

These national industry-specific occupational employment and wage estimates are calculated with data collected from employers of all sizes, in metropolitan and nonmetropolitan areas in every State and the District of Columbia, Sectors 31, 32, and 33 - Manufacturing.

Additional information, including the hourly and annual 10th, 25th, 75th, and 90th percentile wages, percent of establishments reporting the occupation, and the employment percent relative standard error, is available in the downloadable XLS file.

Sectors 31, 32, and 33 - Manufacturing consists of:

- NAICS 311000 - Food Manufacturing
- NAICS 312000 - Beverage and Tobacco Product Manufacturing
- NAICS 313000 - Textile Mills
- NAICS 314000 - Textile Product Mills
- NAICS 315000 - Apparel Manufacturing
- NAICS 316000 - Leather and Allied Product Manufacturing
- NAICS 321000 - Wood Product Manufacturing
- NAICS 322000 - Paper Manufacturing
- NAICS 323000 - Printing and Related Support Activities
- NAICS 324000 - Petroleum and Coal Products Manufacturing
- NAICS 325000 - Chemical Manufacturing
- NAICS 326000 - Plastics and Rubber Products Manufacturing
- NAICS 327000 - Nonmetallic Mineral Product Manufacturing
- NAICS 331000 - Primary Metal Manufacturing
- NAICS 332000 - Fabricated Metal Product Manufacturing
- NAICS 333000 - Machinery Manufacturing
- NAICS 334000 - Computer and Electronic Product Manufacturing
- NAICS 335000 - Electrical Equipment, Appliance, and Component Manufacturing
- NAICS 336000 - Transportation Equipment Manufacturing
- NAICS 337000 - Furniture and Related Product Manufacturing
- NAICS 339900 - Miscellaneous Manufacturing
<table>
<thead>
<tr>
<th>Occupation code</th>
<th>Occupation title (click on the occupation title to view an occupational profile)</th>
<th>Group</th>
<th>Employment</th>
<th>Employment RSE</th>
<th>Percent of total employment</th>
<th>Median hourly wage</th>
<th>Mean hourly wage</th>
<th>Annual mean wage</th>
<th>Mean wage RSE</th>
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</thead>
<tbody>
<tr>
<td>00-0000</td>
<td>All Occupations</td>
<td>major</td>
<td>1,446,400</td>
<td>0.9%</td>
<td>100.00%</td>
<td>$13.24</td>
<td>$15.99</td>
<td>$33,250</td>
<td>0.4%</td>
</tr>
<tr>
<td>11-0000</td>
<td>Management Occupations</td>
<td>major</td>
<td>43,390</td>
<td>1.4%</td>
<td>3.00%</td>
<td>$43.16</td>
<td>$50.05</td>
<td>$104,100</td>
<td>0.5%</td>
</tr>
<tr>
<td>11-1011</td>
<td>Chief Executives</td>
<td></td>
<td>2,210</td>
<td>3.1%</td>
<td>0.15%</td>
<td>$68.20</td>
<td>$91.92</td>
<td>$190,960</td>
<td>1.8%</td>
</tr>
<tr>
<td>11-1021</td>
<td>General and Operations Managers</td>
<td></td>
<td>15,170</td>
<td>1.6%</td>
<td>1.05%</td>
<td>$45.01</td>
<td>$53.04</td>
<td>$110,330</td>
<td>0.9%</td>
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<tr>
<td>11-2011</td>
<td>Advertising and Promotions Managers</td>
<td></td>
<td>60</td>
<td>23.8%</td>
<td></td>
<td>$33.62</td>
<td>$37.99</td>
<td>$79,020</td>
<td>9.1%</td>
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<tr>
<td>11-2021</td>
<td>Marketing Managers</td>
<td></td>
<td>550</td>
<td>10.8%</td>
<td>0.04%</td>
<td>$50.33</td>
<td>$54.01</td>
<td>$112,330</td>
<td>3.2%</td>
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<tr>
<td>11-2022</td>
<td>Sales Managers</td>
<td></td>
<td>3,220</td>
<td>3.9%</td>
<td>0.22%</td>
<td>$48.17</td>
<td>$52.83</td>
<td>$109,880</td>
<td>1.2%</td>
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<tr>
<td>11-3011</td>
<td>Administrative Services Managers</td>
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<td>750</td>
<td>5.3%</td>
<td>0.05%</td>
<td>$40.79</td>
<td>$44.01</td>
<td>$93,540</td>
<td>1.8%</td>
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<tr>
<td>11-3021</td>
<td>Computer and Information Systems Managers</td>
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<td>460</td>
<td>6.8%</td>
<td>0.03%</td>
<td>$53.53</td>
<td>$55.15</td>
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<td>11-3031</td>
<td>Financial Managers</td>
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<td>2,770</td>
<td>3.5%</td>
<td>0.19%</td>
<td>$47.55</td>
<td>$51.74</td>
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<tr>
<td>11-3051</td>
<td>Industrial Production Managers</td>
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<td>10,920</td>
<td>1.5%</td>
<td>0.76%</td>
<td>$38.11</td>
<td>$41.34</td>
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<td>0.7%</td>
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<tr>
<td>11-3061</td>
<td>Purchasing Managers</td>
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<td>1,330</td>
<td>2.0%</td>
<td>0.05%</td>
<td>$40.82</td>
<td>$43.62</td>
<td>$90,730</td>
<td>1.2%</td>
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<td>11-3071</td>
<td>Transportation, Storage, and Distribution Managers</td>
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<td>2,650</td>
<td>2.6%</td>
<td>0.18%</td>
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<td>$38.30</td>
<td>$70,670</td>
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<td>11-3111</td>
<td>Compensation and Benefits Managers</td>
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<td>110</td>
<td>6.8%</td>
<td>0.01%</td>
<td>$41.54</td>
<td>$43.97</td>
<td>$91,450</td>
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<td>11-3121</td>
<td>Human Resources Managers</td>
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<td>3,150</td>
<td>2.6%</td>
<td>0.06%</td>
<td>$41.84</td>
<td>$44.58</td>
<td>$92,730</td>
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<td>11-3131</td>
<td>Training and Development Managers</td>
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<td>9.4%</td>
<td>0.01%</td>
<td>$37.95</td>
<td>$38.77</td>
<td>$80,640</td>
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<tr>
<td>11-9013</td>
<td>Farmers, Ranchers, and Other Agricultural Managers</td>
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<td>90</td>
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<td></td>
<td>$41.78</td>
<td>$43.39</td>
<td>$90,240</td>
<td>3.9%</td>
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<tr>
<td>11-9041</td>
<td>Architectural and Engineering Managers</td>
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<td>330</td>
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<td>$54.67</td>
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<td>11-9051</td>
<td>Food Service Managers</td>
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<td>110</td>
<td>25.5%</td>
<td>0.01%</td>
<td>$27.13</td>
<td>$28.80</td>
<td>$59,860</td>
<td>5.0%</td>
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<tr>
<td>11-9121</td>
<td>Natural Sciences Managers</td>
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<td>140</td>
<td>15.2%</td>
<td>0.01%</td>
<td>$57.85</td>
<td>$63.45</td>
<td>$131,980</td>
<td>7.7%</td>
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<tr>
<td>11-9199</td>
<td>Managers, All Other</td>
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<td>1,240</td>
<td>7.4%</td>
<td>0.09%</td>
<td>$41.87</td>
<td>$43.03</td>
<td>$95,170</td>
<td>1.8%</td>
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<tr>
<td>13-0000</td>
<td>Business and Financial Operations Occupations</td>
<td>major</td>
<td>20,240</td>
<td>2.0%</td>
<td>1.40%</td>
<td>$27.03</td>
<td>$28.79</td>
<td>$59,860</td>
<td>0.6%</td>
</tr>
<tr>
<td>13-1021</td>
<td>Buyers and Purchasing Agents, Farm Products</td>
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<td>1,420</td>
<td>4.2%</td>
<td>0.10%</td>
<td>$26.82</td>
<td>$28.76</td>
<td>$59,850</td>
<td>1.5%</td>
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<tr>
<td>12-1022</td>
<td>Wholesale and Retail Buyers, Except Farm Products</td>
<td></td>
<td>200</td>
<td>12.6%</td>
<td>0.02%</td>
<td>$24.61</td>
<td>$26.54</td>
<td>$55,210</td>
<td>3.4%</td>
</tr>
<tr>
<td>13-1023</td>
<td>Purchasing Agents, Except Wholesale, Retail, and Farm Products</td>
<td></td>
<td>3,250</td>
<td>2.5%</td>
<td>0.22%</td>
<td>$25.11</td>
<td>$26.44</td>
<td>$54,990</td>
<td>0.7%</td>
</tr>
<tr>
<td>12-1041</td>
<td>Compliance Officers</td>
<td></td>
<td>540</td>
<td>8.3%</td>
<td>0.04%</td>
<td>$27.39</td>
<td>$28.78</td>
<td>$59,860</td>
<td>1.8%</td>
</tr>
<tr>
<td>13-1051</td>
<td>Cost Estimators</td>
<td></td>
<td>40</td>
<td>25.9%</td>
<td></td>
<td>$23.64</td>
<td>$24.95</td>
<td>$51,920</td>
<td>6.2%</td>
</tr>
<tr>
<td>13-1078</td>
<td>Human Resources, Training, and Labor Relations Specialists, All Other</td>
<td></td>
<td>1,610</td>
<td>2.5%</td>
<td>0.11%</td>
<td>$25.68</td>
<td>$27.09</td>
<td>$56,340</td>
<td>0.9%</td>
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<td>13-1081</td>
<td>Logisticians</td>
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<td>1,430</td>
<td>3.7%</td>
<td>0.10%</td>
<td>$25.04</td>
<td>$30.81</td>
<td>$64,080</td>
<td>1.3%</td>
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<tr>
<td>13-1111</td>
<td>Management Analysts</td>
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<td>360</td>
<td>6.0%</td>
<td>0.02%</td>
<td>$34.29</td>
<td>$35.81</td>
<td>$74,460</td>
<td>2.2%</td>
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<tr>
<td>13-1141</td>
<td>Compensation, Benefits, and Job Analysis Specialists</td>
<td></td>
<td>600</td>
<td>4.5%</td>
<td>0.04%</td>
<td>$25.58</td>
<td>$27.06</td>
<td>$56,250</td>
<td>1.3%</td>
</tr>
</tbody>
</table>
May 2011 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates

Baltimore-Towson, MD

For metropolitan and nonmetropolitan area definitions used by the OES survey, see the Metropolitan and nonmetropolitan area definitions page.

These estimates are calculated with data collected from employers in all industry sectors in Baltimore-Towson, MD, a metropolitan statistical area in Maryland.

Additional information, including the hourly and annual 10th, 25th, 75th, and 90th percentile wages and the employment percent relative standard error, is available in the downloadable XLS files.

Links to OES estimates for other areas and States

Major Occupational Groups in Baltimore-Towson, MD (Note—clicking a link will scroll the page to the occupational group):

- 00-0000 All Occupations
- 11-0000 Management Occupations
- 13-0000 Business and Financial Operations Occupations
- 15-0000 Computer and Mathematical Occupations
- 17-0000 Architecture and Engineering Occupations
- 19-0000 Life, Physical, and Social Science Occupations
- 21-0000 Community and Social Service Occupations
- 22-0000 Legal Occupations
- 25-0000 Education, Training, and Library Occupations
- 27-0000 Arts, Design, Entertainment, Sports, and Media Occupations
- 29-0000 Healthcare Practitioners and Technical Occupations
- 31-0000 Healthcare Support Occupations
- 33-0000 Protective Service Occupations
- 35-0000 Food Preparation and Serving Related Occupations
- 37-0000 Building and Grounds Cleaning and Maintenance Occupations
- 39-0000 Personal Care and Service Occupations
- 41-0000 Sales and Related Occupations
- 43-0000 Office and Administrative Support Occupations
- 45-0000 Farming, Fishing, and Forestry Occupations
www.brookings.edu/metro
State of Metropolitan America Indicator Map

Population

Browse Indicators

Subject
Population

Indicator
Population

View by
No Distributions

Number
- 9,474,394 to 18,919,983
- 3,449,000 to 9,474,393
- 1,954,261 to 3,449,059
- 1,054,446 to 1,954,260
- 512,285 to 1,054,445
Metro Monitor - June 2012

Baltimore-Towson, MD

Recovery performance ranks

Overall 39th
Rank last quarter: 27th

Employment 25th
Unemployment 64th
Output (GDP) 35th
House prices 28th

Employment changes by industry

<table>
<thead>
<tr>
<th>Industry</th>
<th>Degree of specialization</th>
<th>Change, last four qtrs (%)</th>
<th>Change, most recent qtr (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other services</td>
<td>1.05</td>
<td>-6.3%</td>
<td>-2.2%</td>
</tr>
<tr>
<td>Professional and business services</td>
<td>1.16</td>
<td>+4.7%</td>
<td>+2.1%</td>
</tr>
<tr>
<td>Mining (including oil and gas)</td>
<td>0.11</td>
<td>-4.8%</td>
<td>+1.9%</td>
</tr>
<tr>
<td>Construction</td>
<td>1.28</td>
<td>+2.2%</td>
<td>+1.8%</td>
</tr>
<tr>
<td>Real estate and rental and leasing</td>
<td>1.08</td>
<td>+0.8%</td>
<td>+1.5%</td>
</tr>
<tr>
<td>Health services</td>
<td>1.17</td>
<td>+3.3%</td>
<td>+1.2%</td>
</tr>
<tr>
<td>Leisure and hospitality</td>
<td>0.86</td>
<td>-0.6%</td>
<td>+1.2%</td>
</tr>
<tr>
<td>Government</td>
<td>1.13</td>
<td>+3.0%</td>
<td>+1.0%</td>
</tr>
<tr>
<td>Agriculture, forestry, and hunting</td>
<td>0.10</td>
<td>+1.0%</td>
<td>+0.9%</td>
</tr>
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<td>Finance and insurance</td>
<td>0.96</td>
<td>-0.9%</td>
<td>+0.5%</td>
</tr>
<tr>
<td>Education</td>
<td>1.86</td>
<td>+8.0%</td>
<td>+3.3%</td>
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<tr>
<td>Trade, transportation, and utilities</td>
<td>0.91</td>
<td>-1.9%</td>
<td>-0.4%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>0.63</td>
<td>-1.8%</td>
<td>-1.0%</td>
</tr>
<tr>
<td>Information</td>
<td>0.08</td>
<td>-4.9%</td>
<td>-1.6%</td>
</tr>
</tbody>
</table>

Main indicator trends over time

Employment
Jobs (Q1 2004=100)

Unemployment
Unemployment rate

Output
Gross product (Q1 2004=100)

House prices
HPI (Q1 2005=100)
Opportunity in Greater Baltimore’s Next Economy