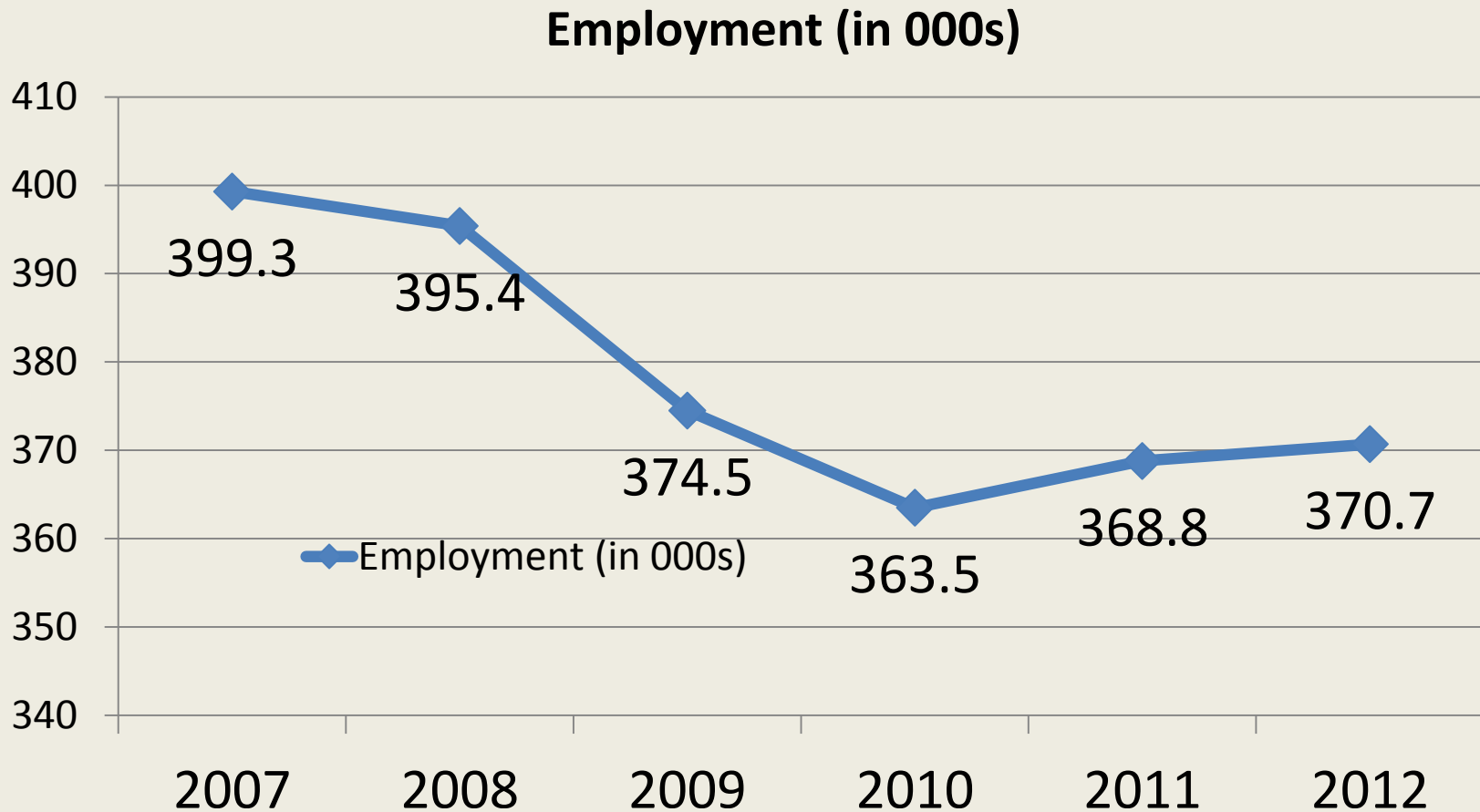


Montgomery County Economy, 2012-2017

Richard Stock, PhD.
Business Research Group



Jobs: The Big Hit and the Comeback, Dayton Metro, Feb 2007 – Feb 2012

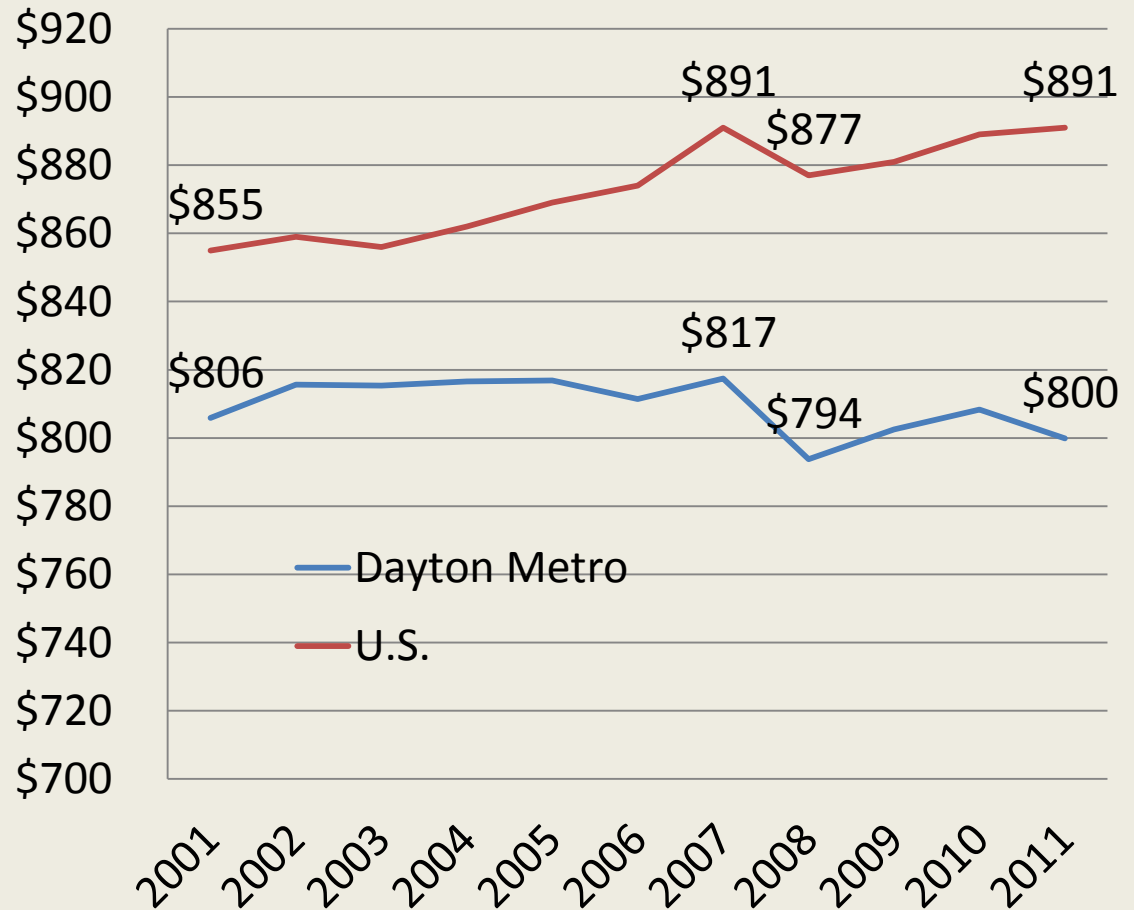


In the Last 2 years, the Dayton Metro Area has added jobs at a for the first time since 2000. 7,200 Jobs have been added since January 2010

Average Weekly Wages in Dayton Metro Area and United States, 2001-2011 (2011 Constant Dollars)

- Inflation Adjusted Average Weekly Wages in the Dayton Metro Area have stagnated over the last 12 years while rising modestly in the U.S as a whole.
- A slight decline occurred with the onset of the recession in 2008

Average Weekly Wages



The Idea of Industrial Clusters

- Groups of inter-related industries that drive wealth creation in a region,
 - primarily through export of goods and services
- Entire value chain of a broadly defined industry from suppliers to end products,
 - including supporting services and specialized infrastructure
- **Location Quotient (LQ)** measure of Concentration
(% of local employment / % of national employment)

Source: San Diego Association of Governments

Montgomery County Industrial Clusters and LQs

- Biomedical / Biotechnical 1.6
- IT & Telecommunications 1.4
- Education & Knowledge Creation 1.8
- Printing & Publishing 1.7
- Defense and Security 1.0
- Manufacturing Super-cluster 1.6
- Advanced Materials 1.6
- Machinery Manufacturing 3.2
- Fabricated Metal Product Manufacturing 1.6

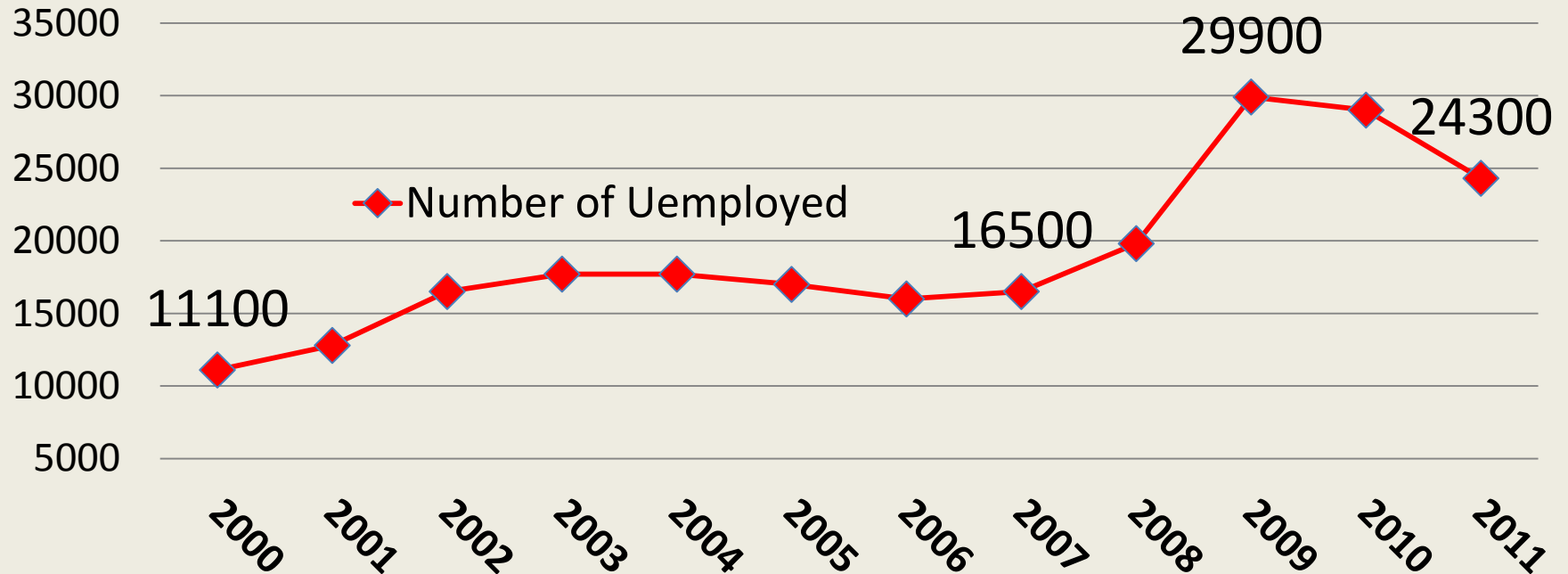
Montgomery County Industrial Clusters Employment Growth Prospects

- Biomedical / Biotechnical
- IT & Telecommunications
- Education & Knowledge Creation
- Defense & Security
- Printing & Publishing 
- Manufacturing Super-cluster
- Advanced Materials
- Machinery Manufacturing
- Fabricated Metal Product Manufacturing



The Unemployment Dilemma

Annual Average: Unemployed in Montgomery County



Number of Unemployed in Montgomery County has fallen in the last two years but is still substantially above prior levels

Montgomery County Industry Specific Unemployment Rates, 2011

Industry in Which Unemployed Had Worked	Unemployment Rate
Construction	26%
Accommodation & Food Services	10%
Administrative, Support, Waste Management	9%
Manufacturing	8%
Information	8%
Transportation & Warehousing	8%
Educational Services	6%
Health Care & Social Assistance	6%
Retail Trade	6%
Professional, Scientific, & Technical Services	5%
Finance & Insurance	4%
Government	3%

Industries Requiring More Education Tend to Have Lower Unemployment Rates

Projected Montgomery County Annual Job Openings by Type of Occupation, 2012-2017

	Annual Openings, 2012-2017	Percent of All Openings	2011 Median Hourly Wage
Professional (Business, Professions)	2,584	30%	\$28.40
Office & Administrative Support	3,006	35%	\$13.80
Traditional Blue Collar (Manufacturing, Construction, Transportation, Protective Services)	1,440	17%	\$15.96
Traditional Low Wage (Food Prep, Maintenance, Personal care)	1,541	18%	\$9.34
Total Annual Job Openings	8,677	100%	\$17.93

The Big Question

- Job Openings in Traditional Blue Collar Occupations will be less than 1 in 5 (17%) of the job openings that will be available over the next 5 years.
- How do we get ready for the jobs Montgomery County will have?