

# VCAT Discussion

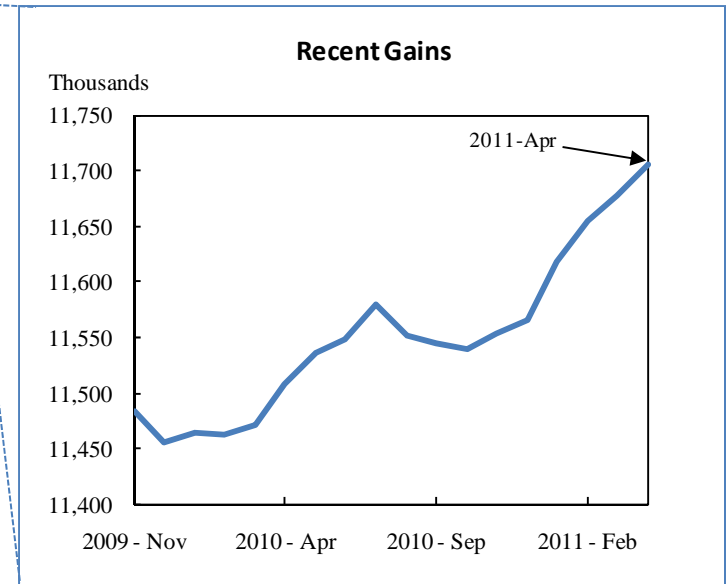
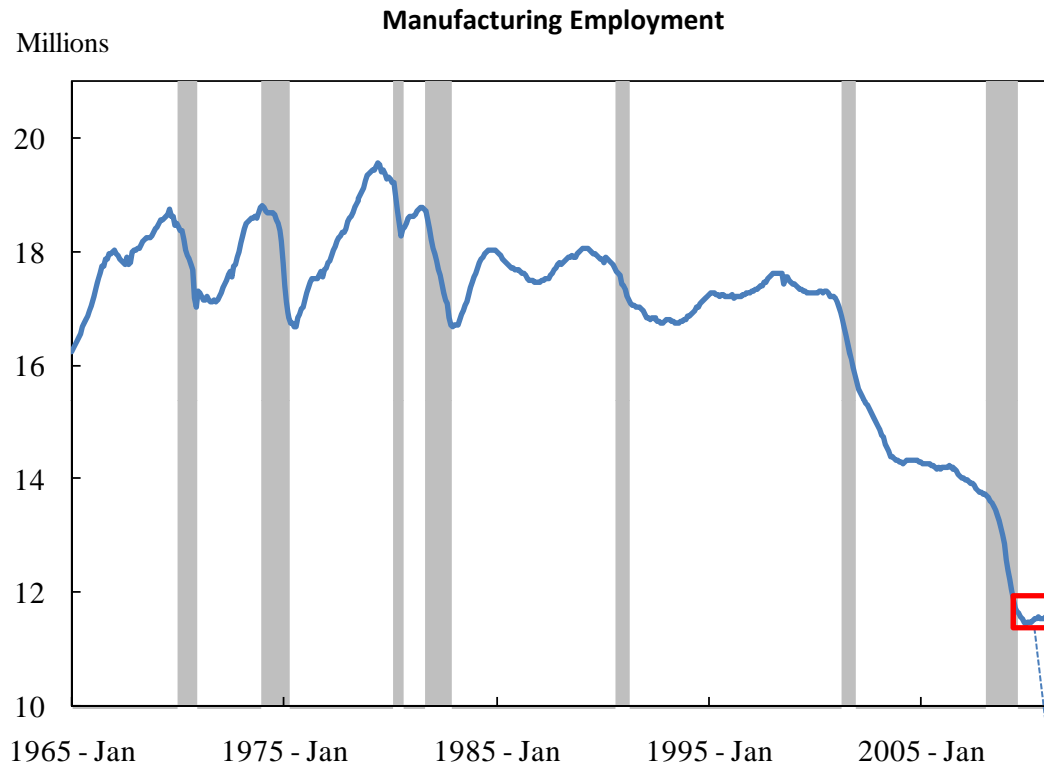
## Advanced Manufacturing

June 7, 2011



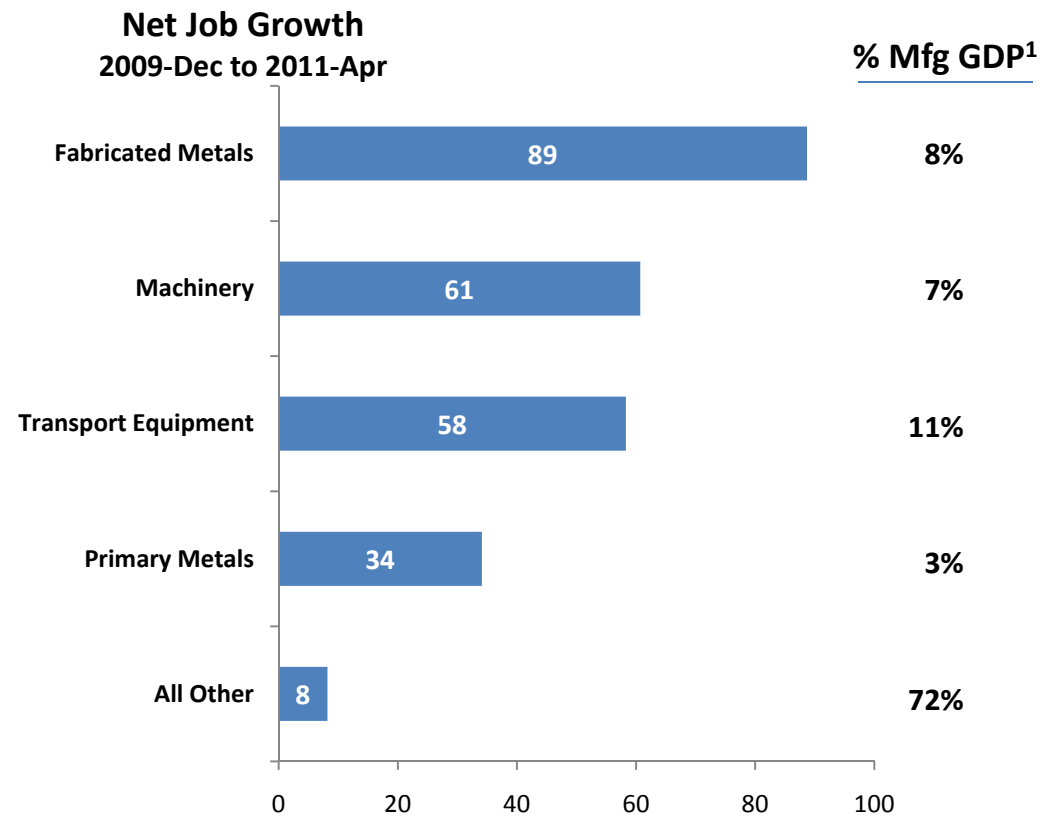
# State of U.S. Manufacturing

Manufacturing employment has been on a long decline; 250,000 jobs gained since Dec '09



# State of U.S. Manufacturing

Recent job gains concentrated in basic manufacturing industries



# A Framework for Revitalizing American Manufacturing

An approach to addressing the core challenges facing manufacturers

## **The Administration's Framework for Revitalizing American Manufacturing (2009)**

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1. Provide workers with the opportunity to obtain the skills necessary to be highly productive
2. Invest in the creation of new technologies and business practices
3. Develop stable and efficient capital markets for business investment
4. Help communities and workers transition to a better future
5. Invest in an advanced transportation infrastructure
6. Ensure market access and a level playing field
7. Improve the business climate, especially for manufacturing

## **Relevance for today's discussion**

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- Macro policies are important, but not specific to the requirements for Advanced Manufacturing
  - Trade
  - Tax
  - Infrastructure
  - Energy
  - Education
- Our advanced manufacturing focus has been on:
  - Effectiveness of our R&D resources
  - Accelerating the commercialization of new technologies
  - Training the next generation workforce

## Topics for your input

- Commercializing process technologies
  - Models for public-private collaboration on pre-competitive technologies
  - Priority technology areas for pilots
  
- Developing shared “*innovation infrastructure*”
  - Core issues facing your supply chain
  - Opportunities for big company leadership