

# IECA: Mission and Members

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- ❑ IECA is a nonprofit member-led organization created to promote the interests of manufacturing companies for which the availability, use and cost of energy, power or feedstock play a significant role in their ability to compete in domestic and world markets.
- ❑ IECA was founded on the belief that a robust, diverse and affordable supply of energy is required to sustain economic growth, quality of life for our citizens, and the competitiveness of industry.
- ❑ IECA is the only national cross industry trade association dedicated to this broad array of energy/environment related issues. Board members are energy procurement, environmental, and government affairs managers who are technical experts, strongly committed to energy efficiency and environmental progress.

# IECA: Mission and Members

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Corporate membership is exclusive to companies who are industrial energy consumers. This allows policy development that truly reflects a “consumers” point of view.

# IECA and Climate Legislation

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- ❑ Climate legislation in the United States will have great impact on manufacturing in general and industrial energy consumers, in particular.
- ❑ It is incumbent on IECA members and domestic manufacturers to inform policy makers of those impacts and to help policy makers frame the debate in a rational, helpful way, that prevents harm to the environment and the economy.

# Industry can provide an important perspective to the climate debate.

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- ❑ IECA has provided testimony and information to the House, Senate, CFTC and FERC on natural gas supply, pricing and market transparency. The response of government in the gas markets shows that industry can have an impact.
  
- ❑ Each Member of Congress should hear from domestic manufacturers and energy consumers regarding:
  - ❑ Energy cost impacts on manufacturing
  - ❑ Oversight of carbon markets that trade in a non-deliverable carbon credit
  - ❑ Impacts of offset projects over the long term
  - ❑ Impact on international trade
  - ❑ Research funding

# Industry can provide an important perspective to the climate debate.

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- ❑ Manufacturers have specific experience with the impact of energy prices on productivity, and industrial viability.
- ❑ Manufacturers can provide a global perspective on trade, markets and competition.
- ❑ Manufacturers can provide information on the technical implications of policy decisions and how they impact energy consumption and GHG production.
- ❑ IECA reflects the energy consuming manufacturing base of the US.

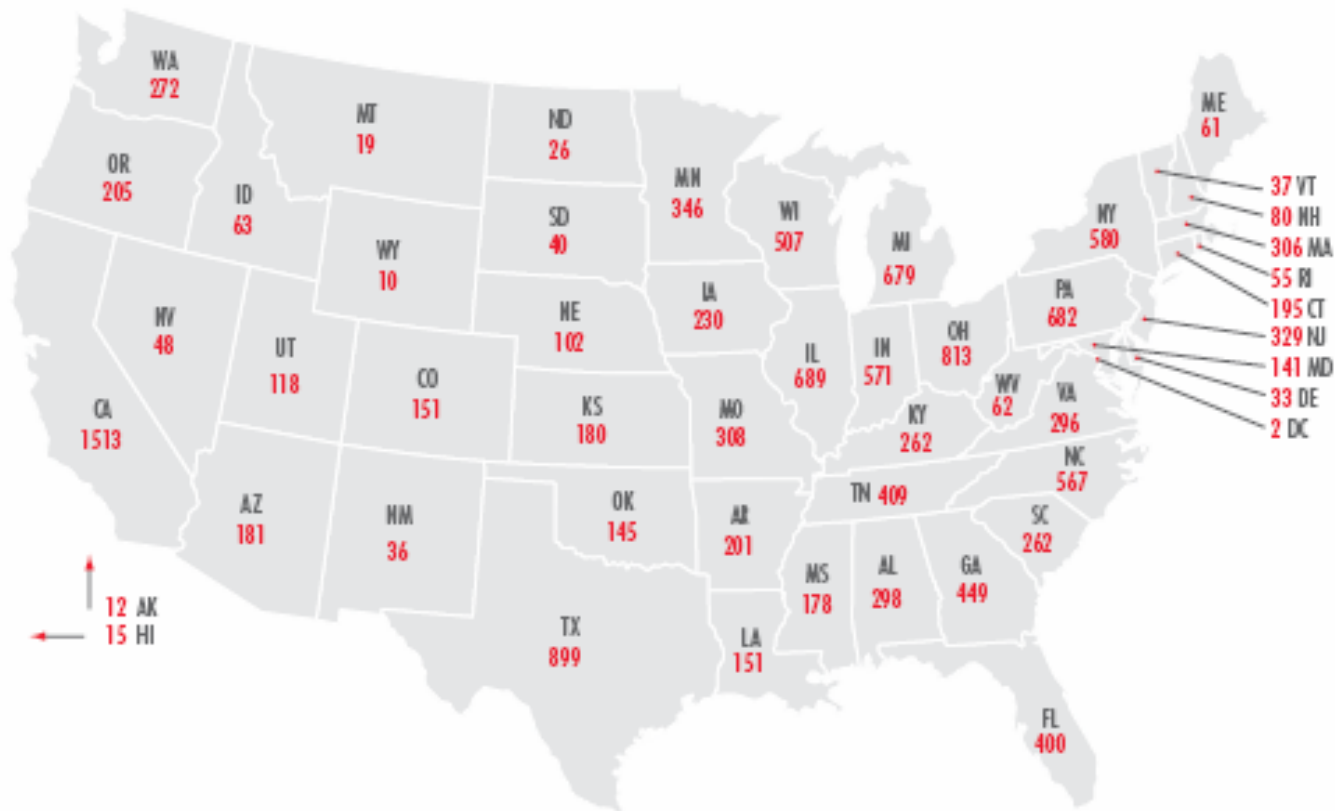
# Manufacturing is essential to the US economy

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- Nationally, manufacturing:
  - accounts for 15 percent of GDP growth, more than any other sector
  - has the highest rate of productivity growth of any sector
  - pays the highest wages – 23 percent higher than the national average
  - creates far more business activity and jobs in other sectors than any other industry
  - performs 71 percent of U.S. business R&D
  - sells nearly two-thirds of all U.S. exports

# Manufacturing Employs Sizeable Workforces

*Manufacturing employs 14.3 million workers in the U.S.*



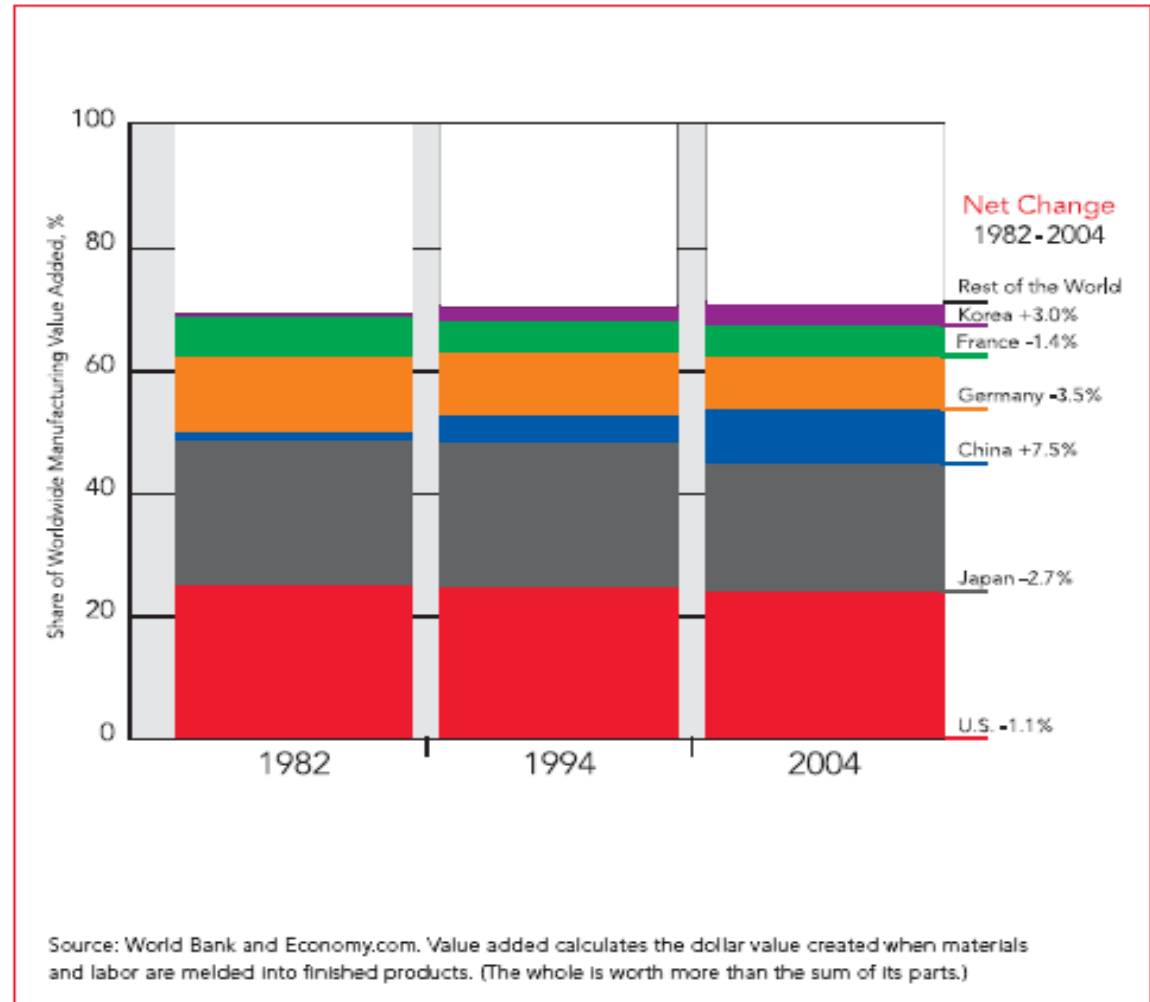
Source: Bureau of Labor Statistics, 2005.

Note: Numbers are in thousands.

Source: NAM

# U.S. Is a Constant Leader in Manufacturing

*The U.S. is the world's number one manufacturer, accounting for about a quarter of global manufacturing output in 2004.*



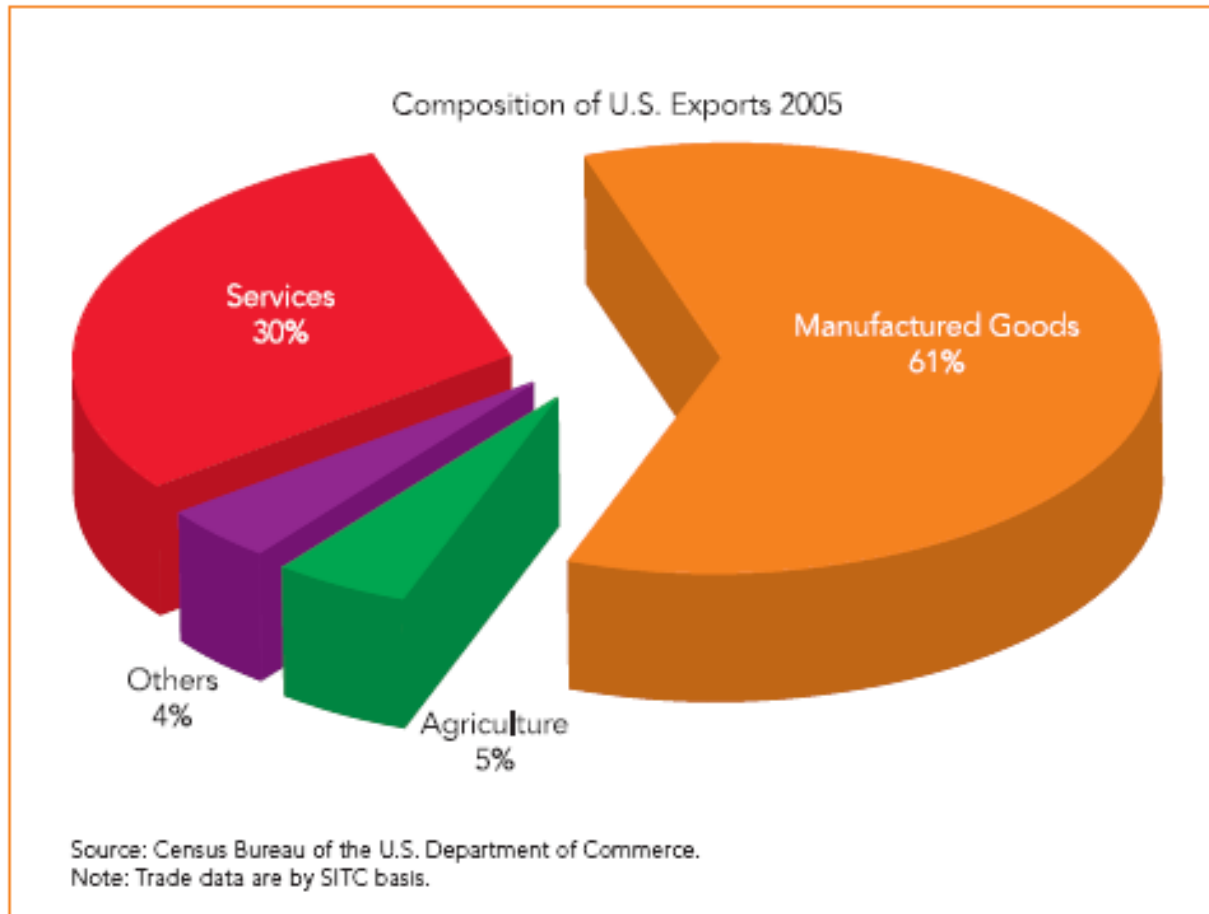
Source: NAM

# Manufacturing Drives Economic Recovery

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From 2001 to 2005, manufacturing GDP growth averaged 4 percent a year, compared with 3.5 percent growth for the overall economy.

# Manufacturing Dominates U.S. Exports



# Total Carbon Dioxide Emission

(Million Metric Tons of Carbon Dioxide)

	1990	2006	Difference
<b>Residential</b>	<b>953.7</b>	<b>1253.8</b>	<b>+31.4%</b>
<b>Commercial</b>	<b>780.7</b>	<b>1050.6</b>	<b>+34.6%</b>
<b>Industrial</b>	<b>1683.6</b>	<b>1682.3</b>	<b>&lt; 0%</b>
<b>Transportation</b>	<b>1566.8</b>	<b>1958.6</b>	<b>+25%</b>
<b>Electricity</b>	<b>1803.1</b>	<b>2375</b>	<b>+31.7%</b>

Source: EIA