



WICHITA STATE
UNIVERSITY

Import and Exports by Major Industry: 2007-2012

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The Center for Economic Development and Business Research, W. Frank Barton School of Business at Wichita State University, recently gained access to trade data by state, by major industry. This report is a brief look into the data available on USA Trade Online. The five largest exporting and importing industries since 2007 are analyzed below.

Exports

Major exports for Kansas, by largest exporting industries, include transportation equipment, food and kindred products, agricultural products, chemicals, and machinery, except electrical. Transportation equipment manufacturing contributed the most to total Kansas exports. The industry reached a peak in October 2008 and began a significant decline when the recession occurred. The industry has not regained any of its export losses to date.

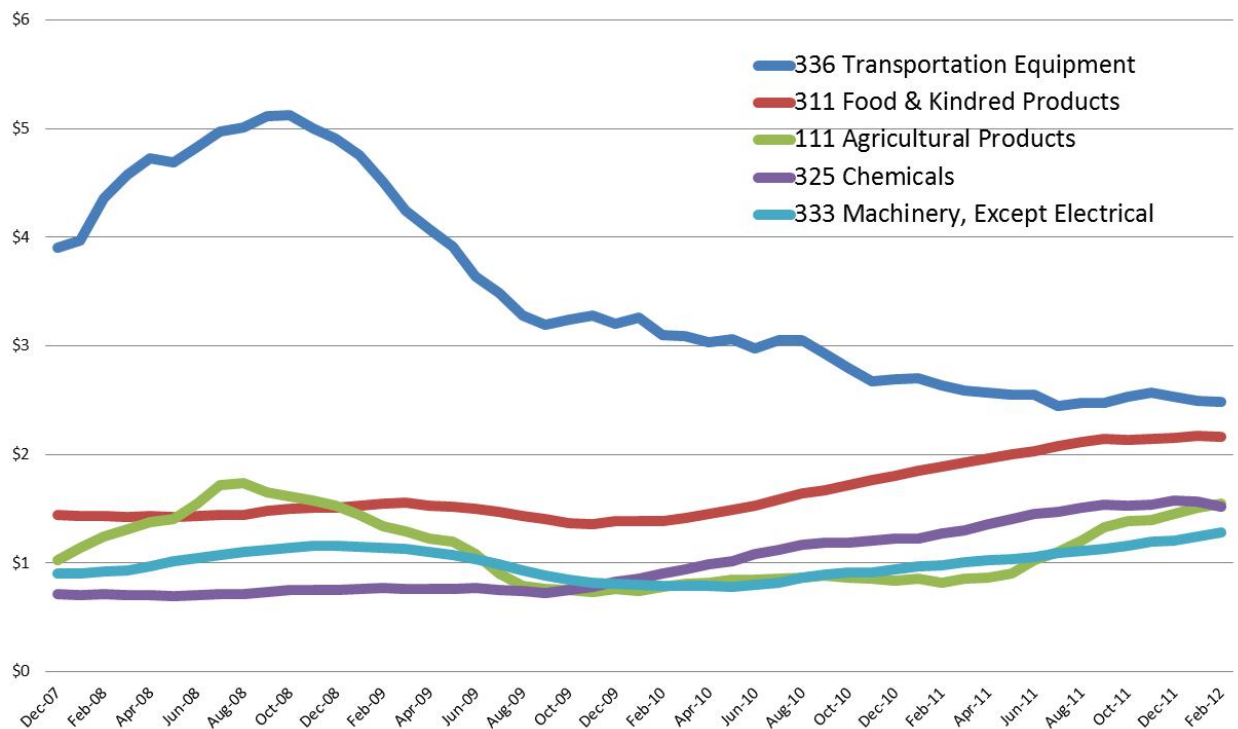
Food and kindred products was the second largest exporting industry as of February 2012. The industry declined between March 2009 and January 2010. Since then, the industry has experienced significant gains surpassing pre-recession export levels.

Agricultural products peaked in August 2008. The industry declined until November 2009. The industry has since began to improve, but at a slow rate. As of February 2012, agricultural product exports had not reached their pre-recession peak.

The chemical industry did not appear to participate in the Great Recession. The industry has been on an upward trend since December 2007.

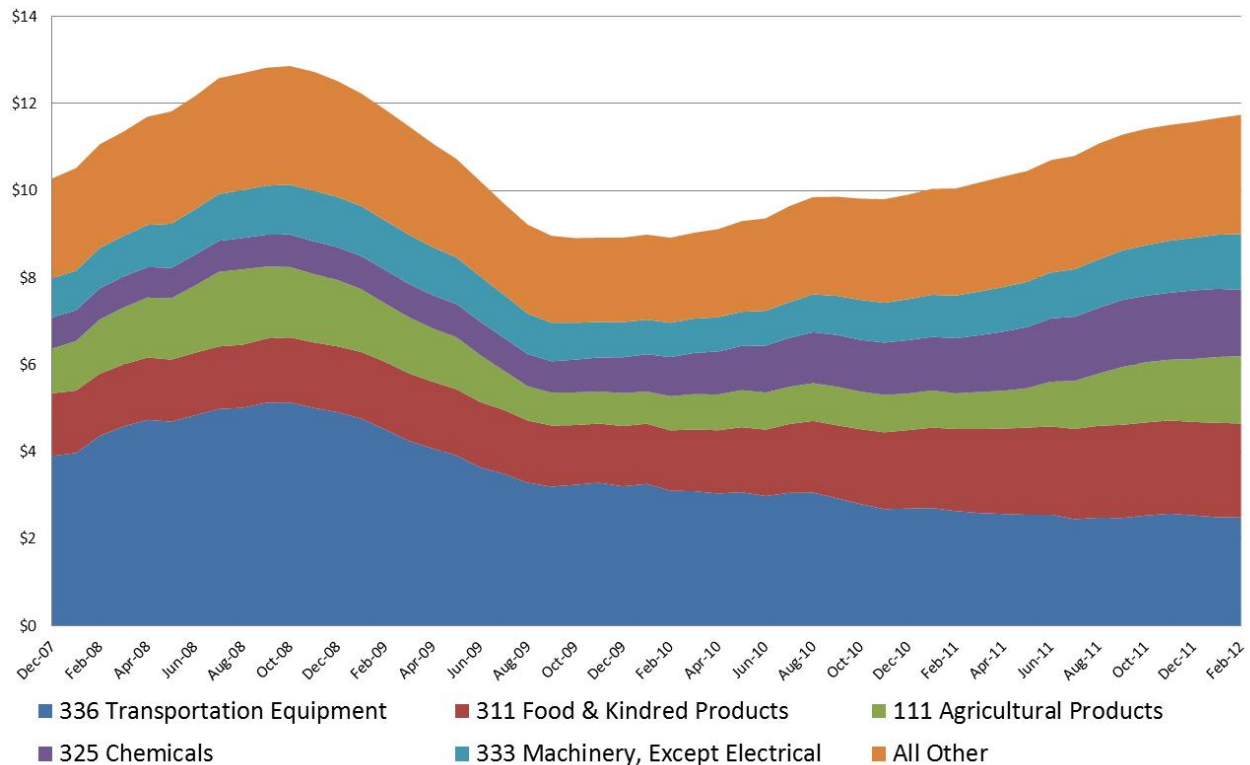
The machinery industry peaked in November 2008. The industry declined through February 2010. Since February, the industry has experienced modest gains. The industry surpassed its pre-recession peak in October 2011.

Figure 1: Kansas Largest Industry Exports, Value in Billions of U.S. Dollars, 2007-2012



Total exports, as seen in Figure 2, have increased since late-2009. At the same time, the composition of total exports has changed over time. At the peak, in October 2008, transportation equipment comprised 40 percent of all exports. In February 2012, the transportation equipment industry comprised only 21 percent of total exports. The loss of transportation equipment exports was partially offset by a 7 percent increase in the chemicals industry from October 2008, when it was 6 percent, to 13 percent in February 2012. At the same time, food and kindred industries went from 12 percent to 18 percent and machinery grew from 9 percent to 11 percent. Agricultural products remained consistent at approximately 13 percent.

Figure 2: Distribution of Kansas Exports, Total Value in Billions of U.S. Dollars, 2007-2012



Exporting Industries

#1 Transportation Equipment: Motor Vehicle Manufacturing, Motor Vehicle Body and Trailer Manufacturing, Motor Vehicle Parts Manufacturing, Aerospace Products and Parts Manufacturing, Railroad Rolling Stock Manufacturing, Ship and Boat Building

#2 Food & Kindred Products: Animal Food Manufacturing, Grain and Oilseed Milling, Sugar and Confectionary Product Manufacturing, Fruit and Vegetable Preserving and Specialty Food Manufacturing, Dairy Product Manufacturing, Animal Slaughtering and Processing, Seafood Product Preparation and Packaging, Bakeries and Tortilla Manufacturing

#3 Agricultural Products: Oilseed and Grain Farming, Vegetable and Melon Farming, Fruit and Tree Nut Farming, Greenhouse, Nursery, and Floriculture Production

#4 Chemicals: Basic Chemical Manufacturing, Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing, Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing, Pharmaceutical and Medicine Manufacturing, Paint, Coating, and Adhesive Manufacturing, Soap, Cleaning Compound, and Toilet Preparation Manufacturing

#5 Machinery, Except Electrical: Agriculture, Construction, and Mining Machinery Manufacturing, Industrial Machinery Manufacturing, Commercial and Service Industry Machinery Manufacturing, Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing, Metalworking Machinery Manufacturing, Engine, Turbine, and Power Transmission Equipment Manufacturing

Imports

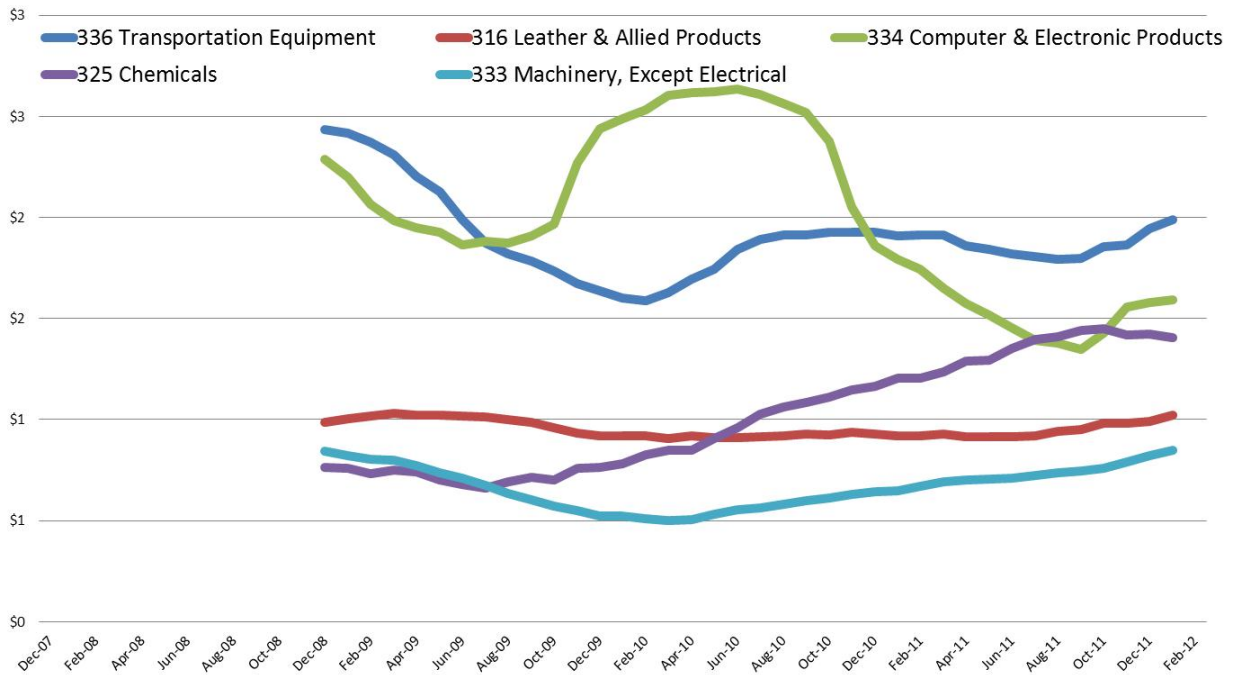
Major imports to Kansas, by largest industries, include transportation equipment, leather and allied products, computer and electronic products, chemicals and machinery, except electrical.

Imports of computer and electronic products experienced a severe decline from December 2008 to June 2009. A significant jump in imports occurred from September to December 2009. In June 2010, a downward trend emerged that lasted through August 2011. Since that point the industry has been experiencing an increase in imports.

Transportation equipment experienced a gradual decline in imports from December 2008 to February 2010. Imports began to increase, and continued increasing until August 2010. This increase leveled off until March 2011 when they experienced a slight decline thru September 2011. Since September, transportation equipment imports have been increasing slowly.

The leather and machinery industries experienced gradual declines from December 2008 to March 2010. Since March 2010, the industries have experienced a gradual increase in imports. The chemicals industry experienced a minimal decline from December 2008 to August 2009. The industry has slowly increased imports through October 2011 where it peaked and began experiencing a slow decline since. The chemicals industry is the only industry to regain pre-recession import levels.

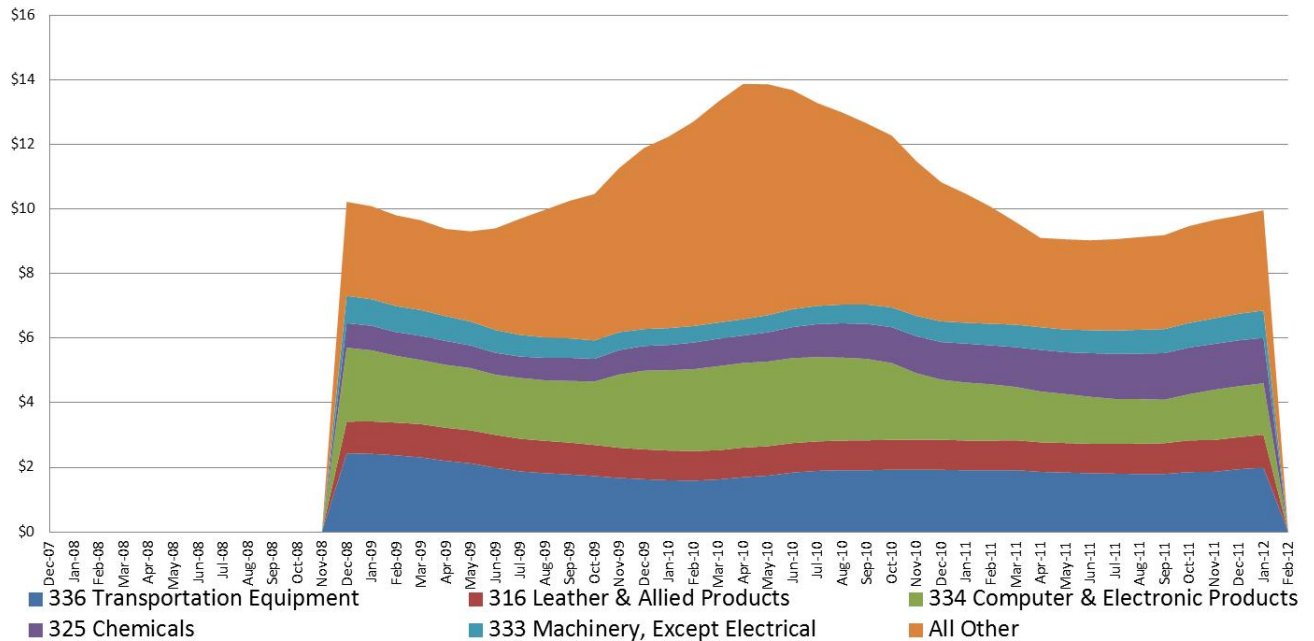
Figure 3: Kansas Largest Industry Imports, Value in U.S. Dollars, 2007-2012*



*Annualized data is not available prior to December 2008.

Total imports, shown in Figure 4, peaked in June 2010, declined through June 2011 and have been increasing ever since. The composition of imports has changed over time. At the peak, in June 2010, computer and electronic products comprised 19 percent of all imports. In January 2012, computer and electronics comprised only 16 percent. The loss of computer and electronic imports was replaced by an increase in all other industries. Transportation equipment and chemicals both increased by 7 percent from the peak, transportation equipment rose from 13 percent to 20 percent and chemical imports grew from 7 percent to 14 percent. Machinery, except electrical, increased from 4 percent to 8 percent, while leather and allied products had the smallest increase, from 7 percent to 10 percent, when comparing June 2010 to January 2012.

Figure 4: Distribution of Kansas Imports, Total Value in Billions of U.S. Dollars, 2007-2012*



*Annualized data is not available prior to December 2008.

Importing Industries

#1 Transportation Equipment: Motor Vehicle Manufacturing, Motor Vehicle Body and Trailer Manufacturing, Motor Vehicle Parts Manufacturing, Aerospace Products and Parts Manufacturing, Railroad Rolling Stock Manufacturing, Ship and Boat Building

#2 Leather & Allied Product: Leather and Hide Tanning and Finishing, Footwear Manufacturing, Other Leather and Allied Product Manufacturing

#3 Computer & Electronic Products: Computer and Peripheral Equipment Manufacturing, Communications Equipment Manufacturing, Audio and Video Equipment Manufacturing, Semiconductor and Other Electronic Component Manufacturing, Navigational, Measuring, Electromedical, and Control Instruments Manufacturing, Manufacturing and Reproducing Magnetic and Optical Media

#4 Chemicals: Basic Chemical Manufacturing, Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing, Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing, Pharmaceutical and Medicine Manufacturing, Paint, Coating, and Adhesive Manufacturing, Soap, Cleaning Compound, and Toilet Preparation Manufacturing

#5 Machinery, Except Electrical: Agriculture, Construction, and Mining Machinery Manufacturing, Industrial Machinery Manufacturing, Commercial and Service Industry Machinery Manufacturing, Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing, Metalworking Machinery Manufacturing, Engine, Turbine, and Power Transmission Equipment Manufacturing