

# US Economic Briefing: Regional Business Surveys

Yardeni Research, Inc.

*May 23, 2017*

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*thinking outside the box*

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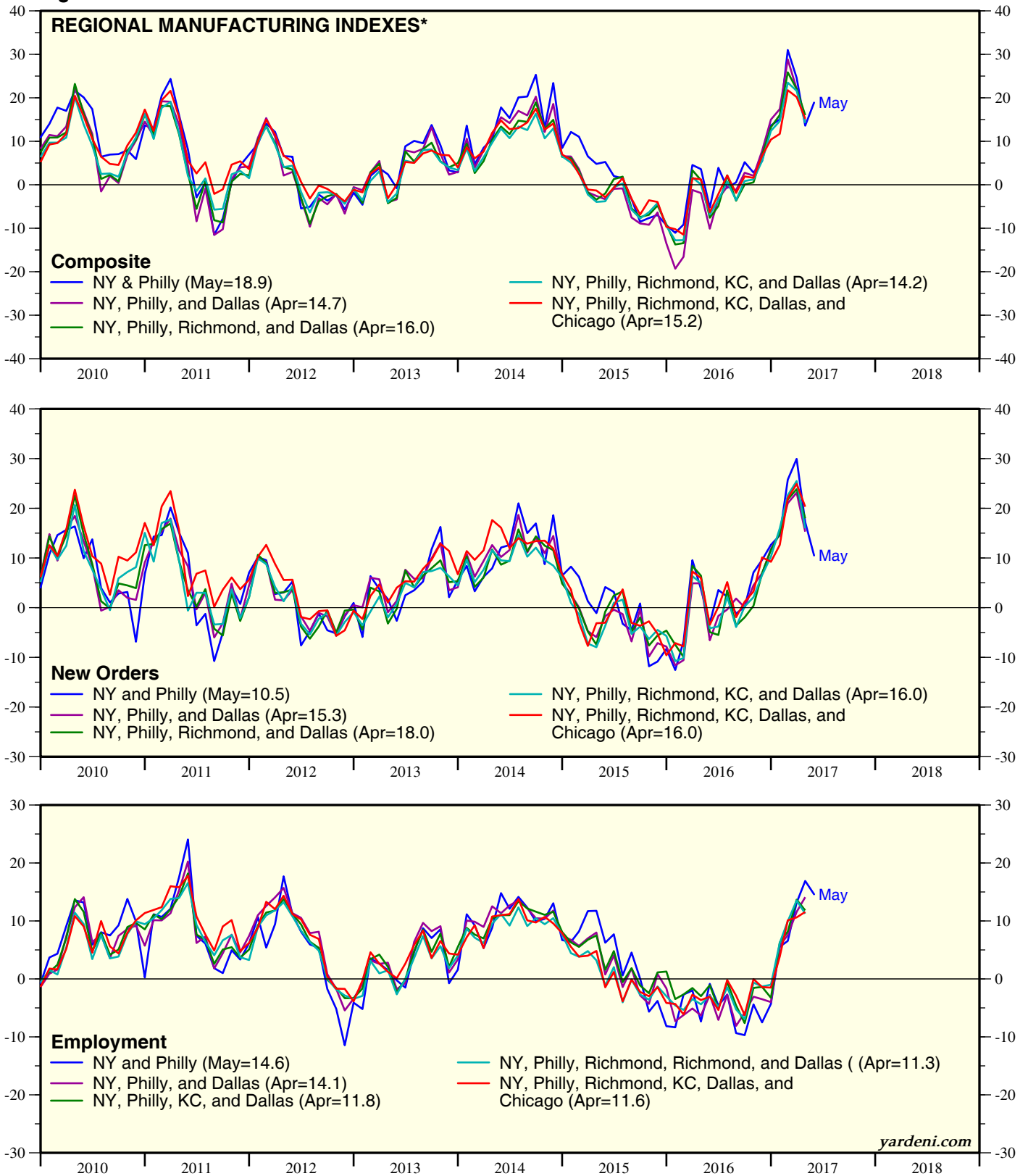
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# Regional M-PMIs

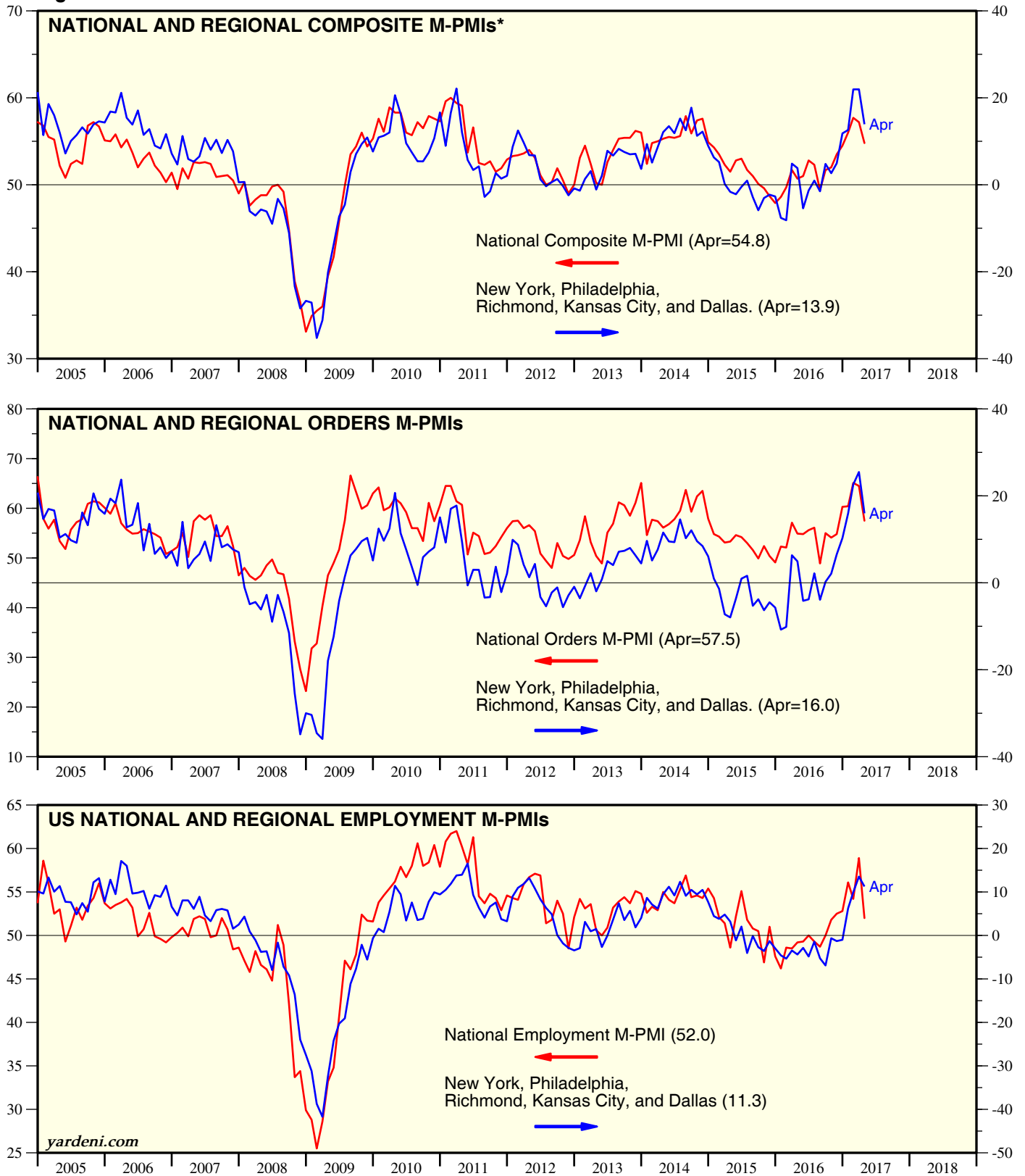
Figure 1.



\* Chicago contains both manufacturing and non-manufacturing firms with global operations.  
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, Dallas, and Deutsche Borse Group.

# National vs Regional M-PMIs

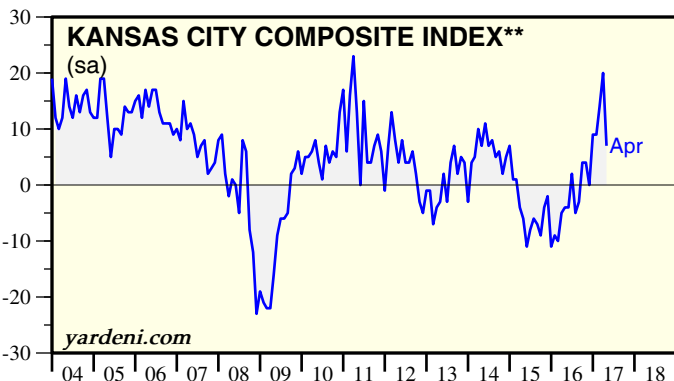
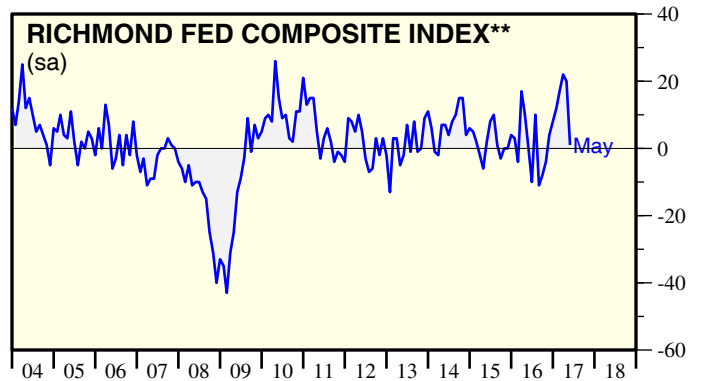
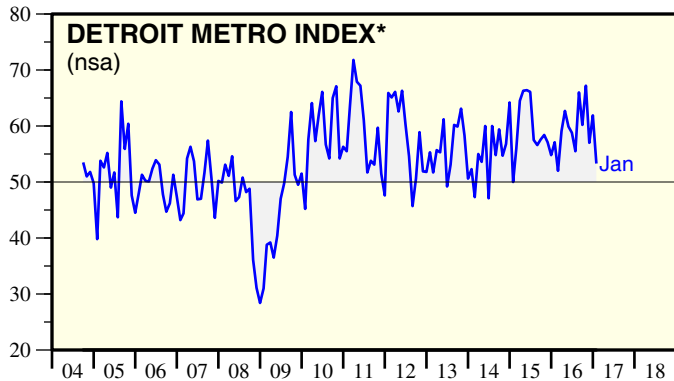
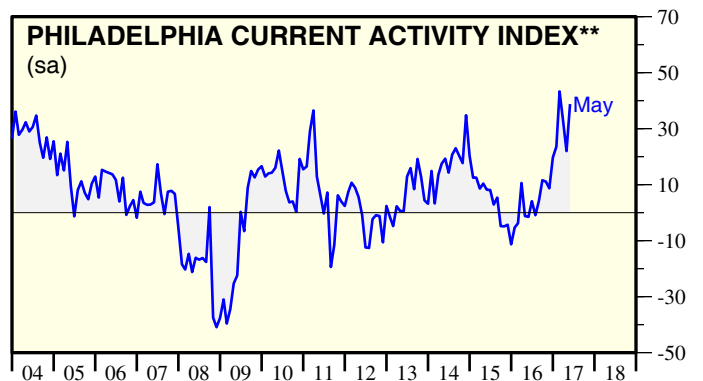
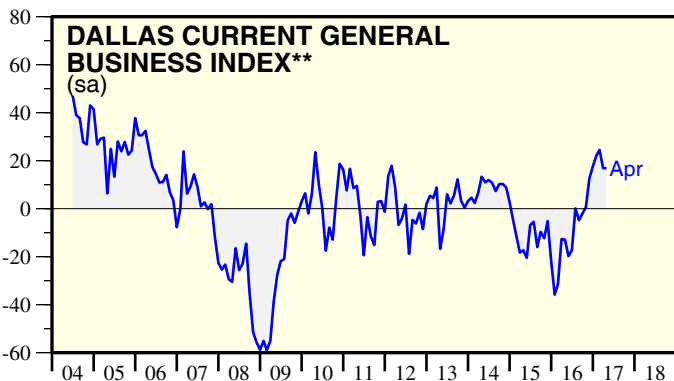
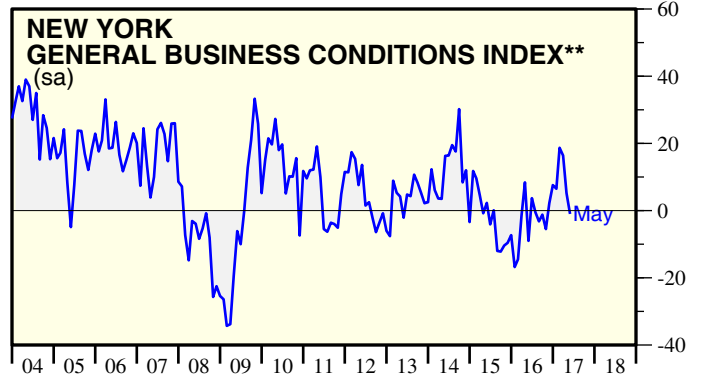
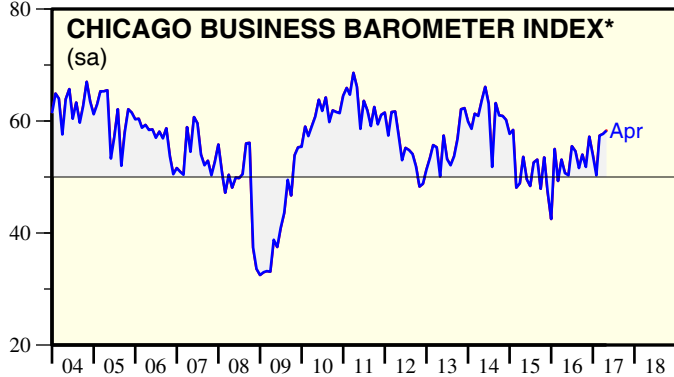
Figure 2.



\* Chicago contains both manufacturing and non-manufacturing firms with global operations.  
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, Dallas, and Deutsche Borse Group.

# Regional Business Conditions Indexes

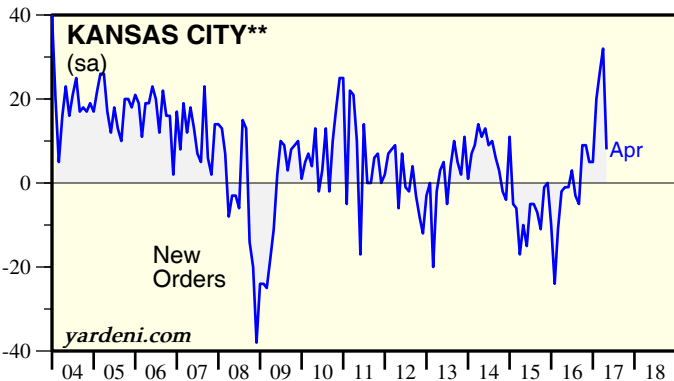
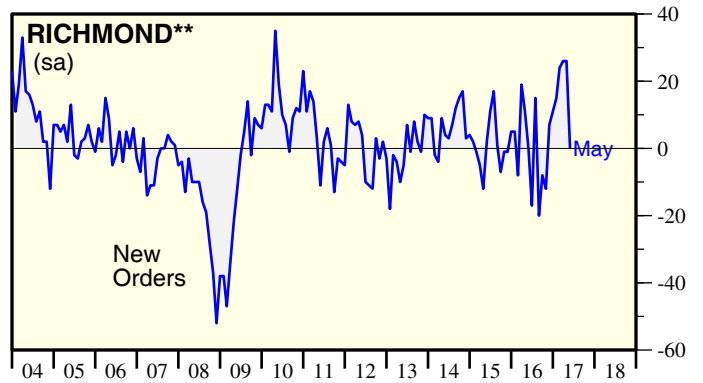
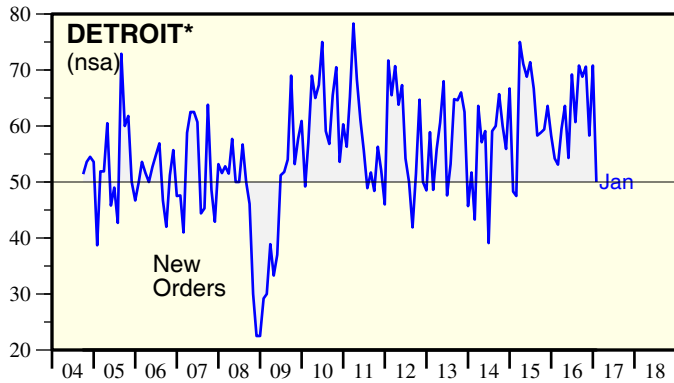
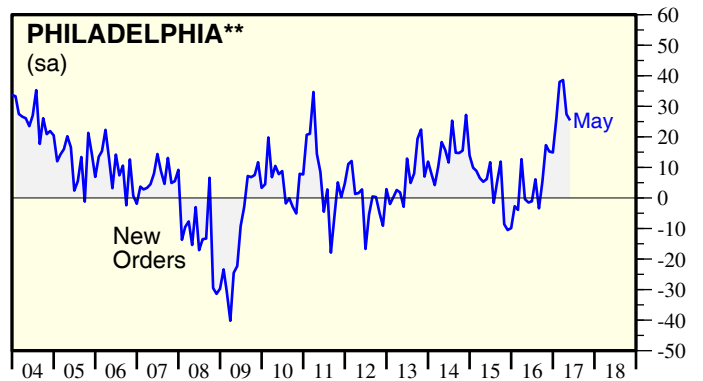
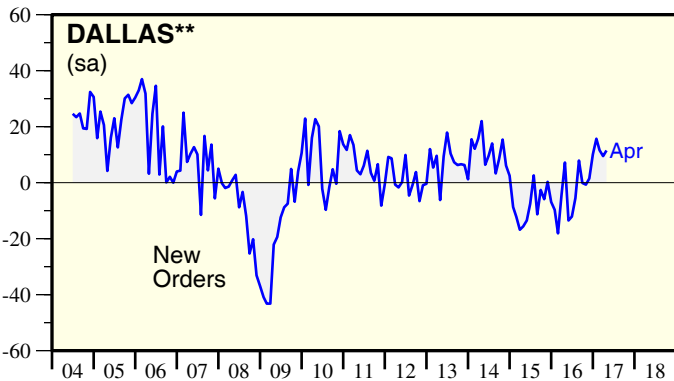
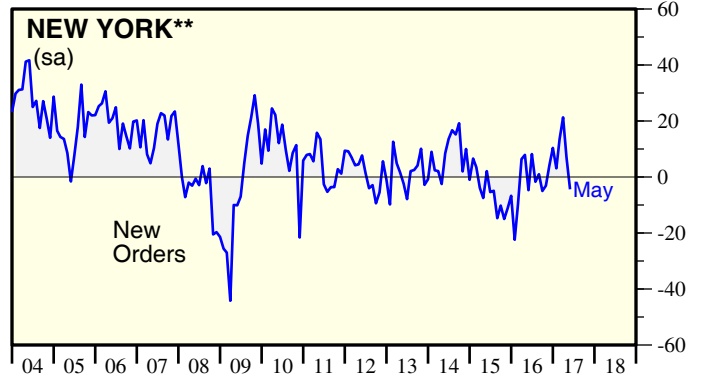
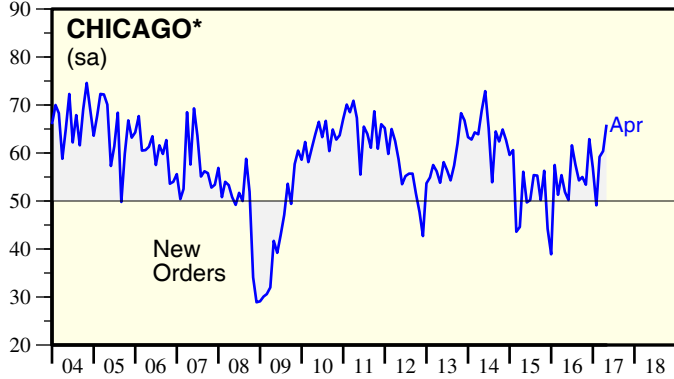
Figure 3.



\*Regional ISM survey. \*\*Regional Fed Survey.  
Source: Haver Analytics.

# Regional New Orders

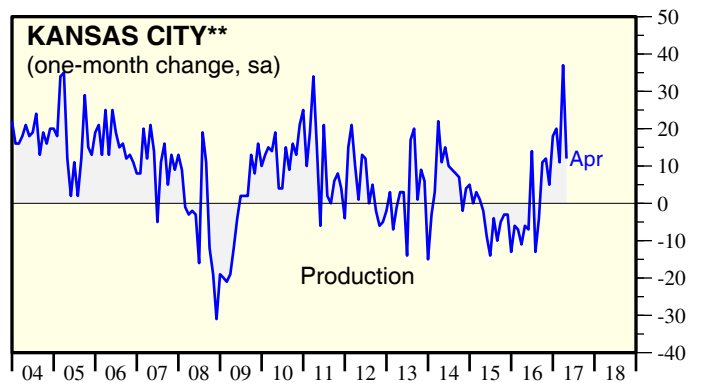
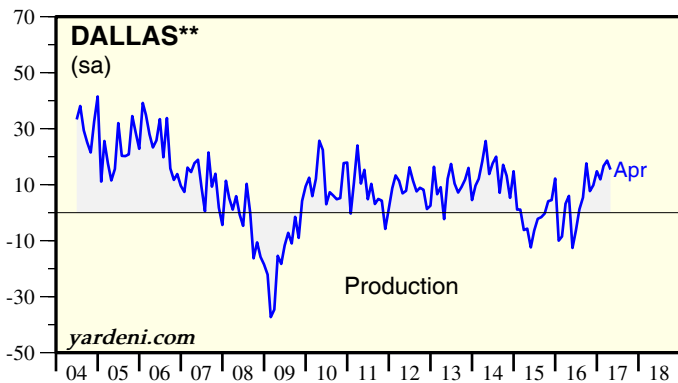
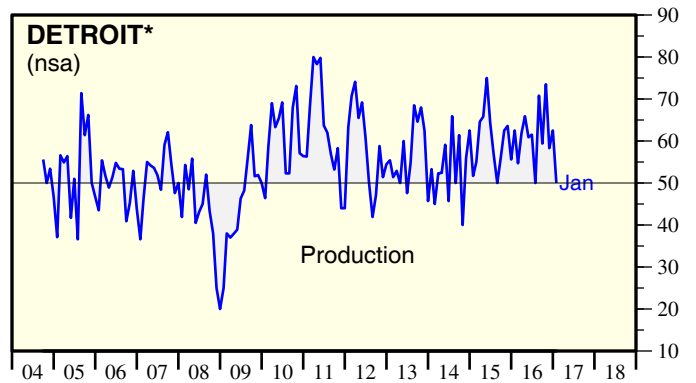
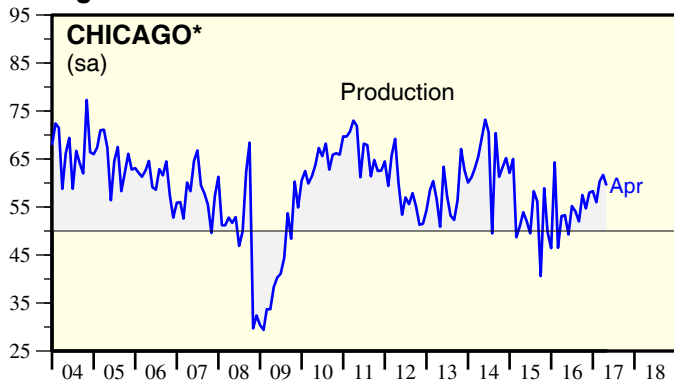
Figure 4.



\*Regional ISM survey. \*\*Regional Fed Survey.  
Source: Haver Analytics.

# Regional Production

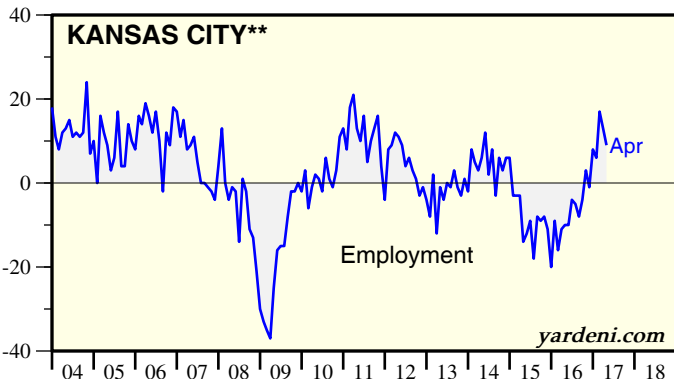
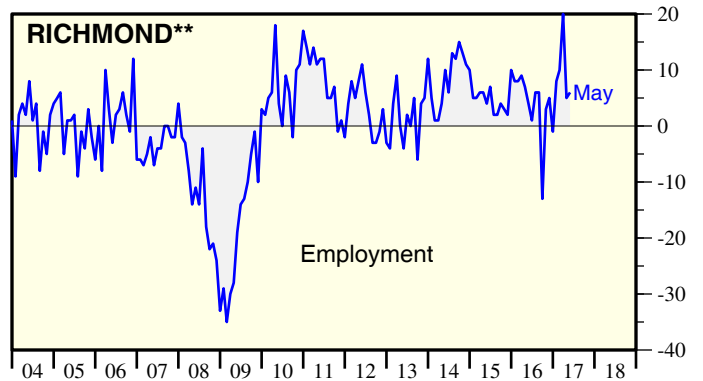
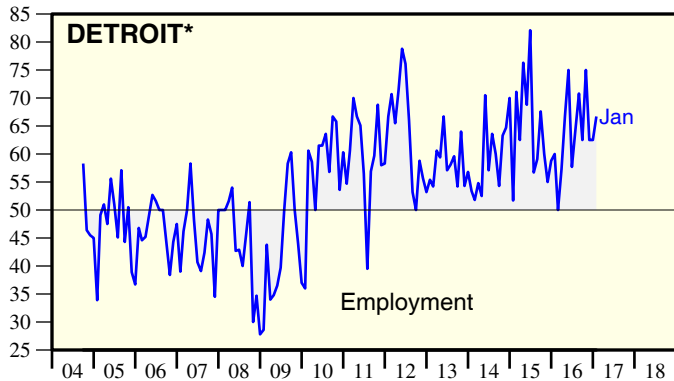
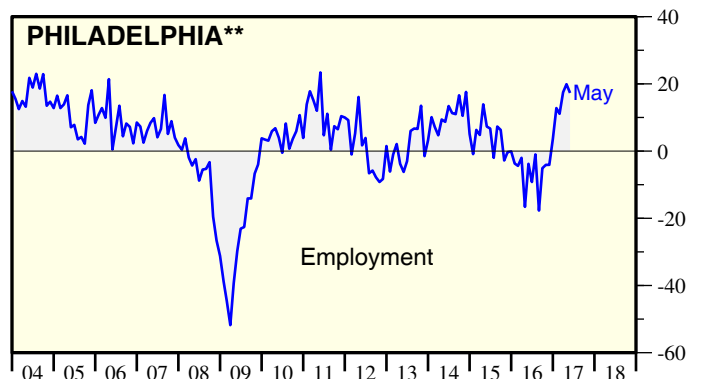
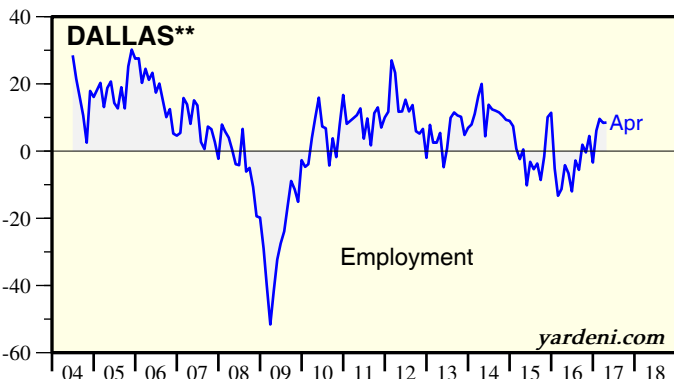
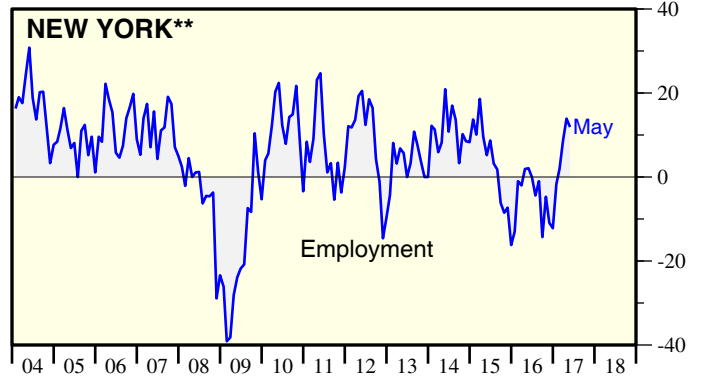
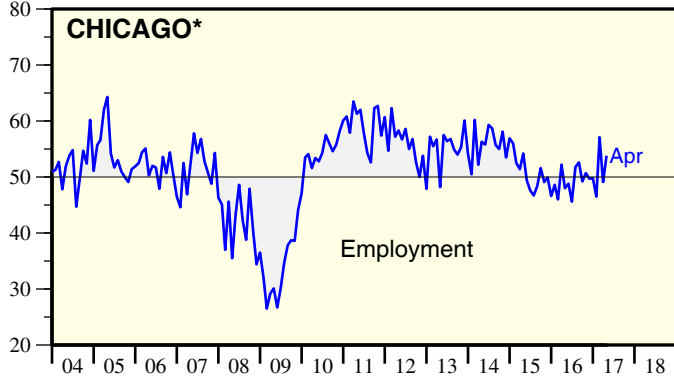
Figure 5.



\*Regional ISM survey. \*\*Regional Fed Survey.  
Source: Haver Analytics.

# Regional Employment

Figure 6.

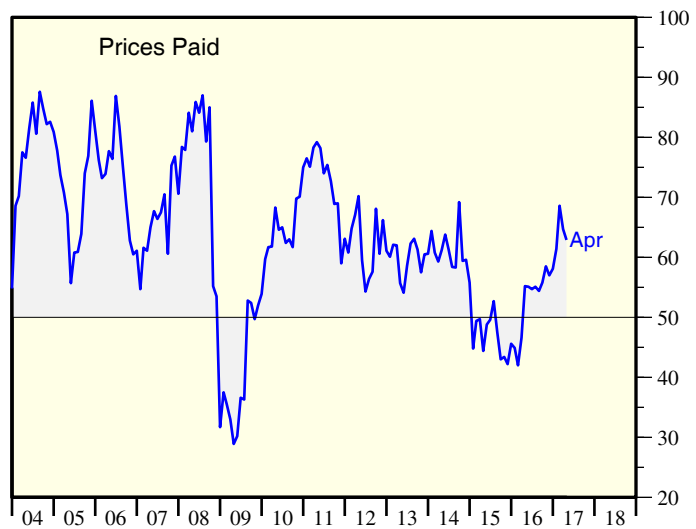
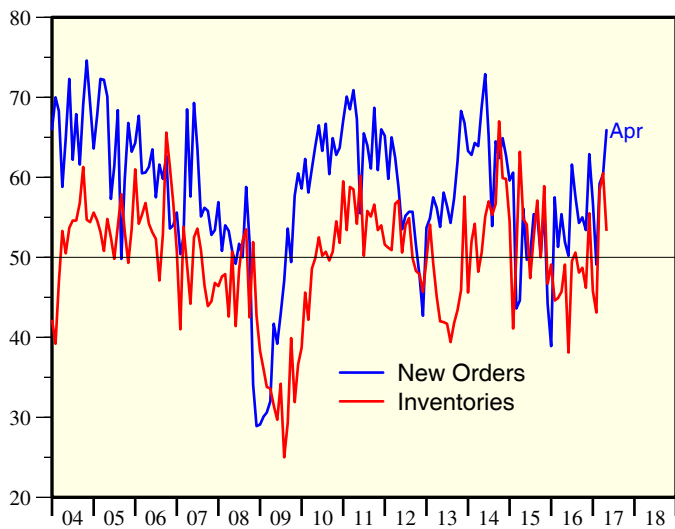
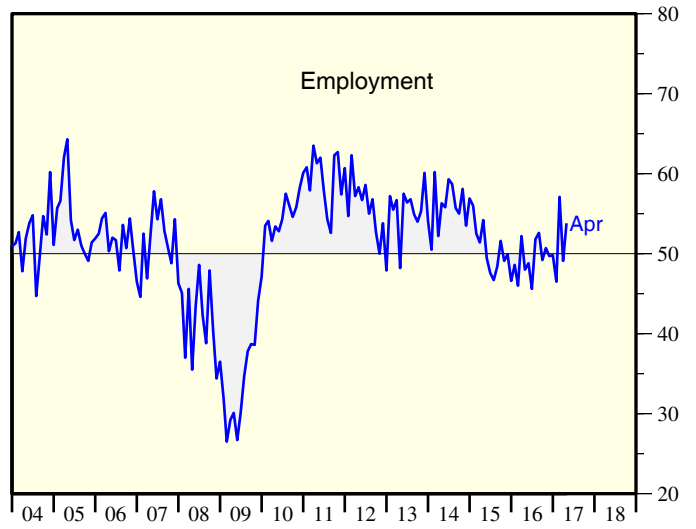
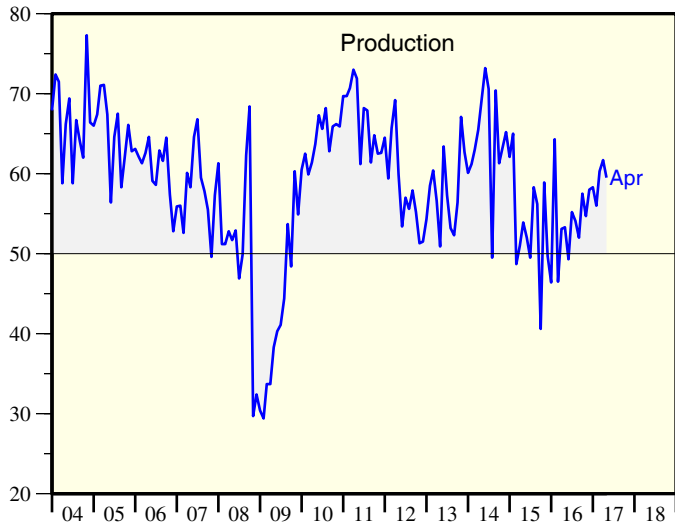
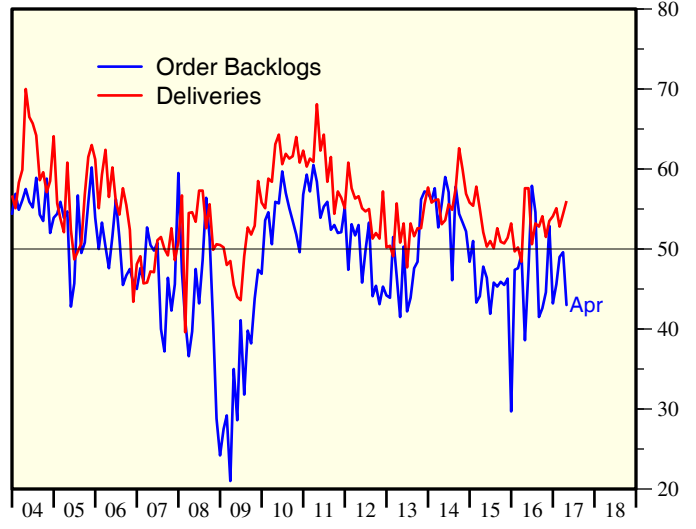
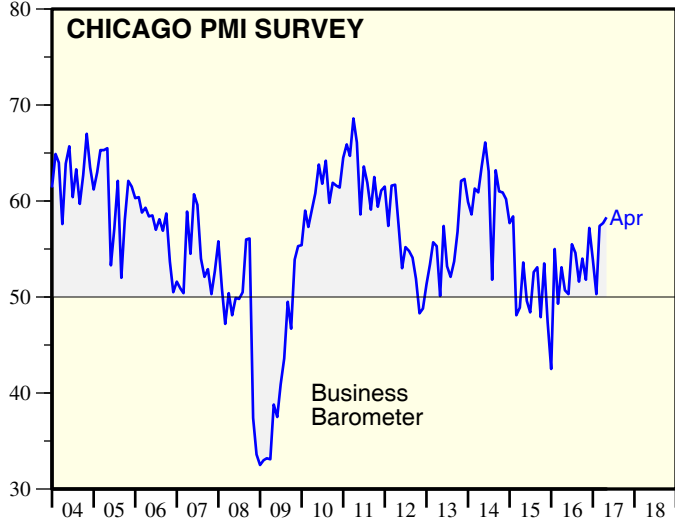


\*Regional ISM survey. \*\*Regional Fed Survey.  
Source: Haver Analytics.



# Chicago PMI

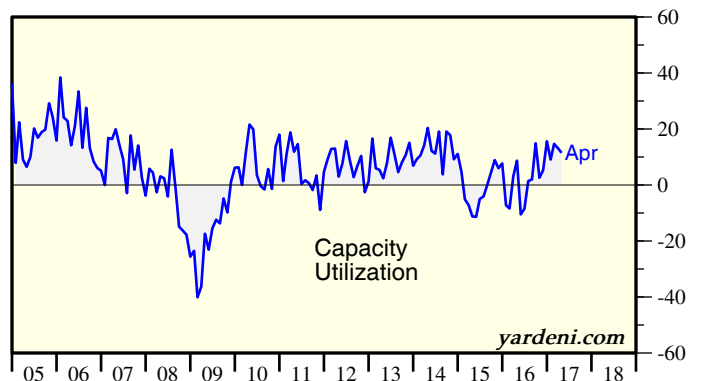
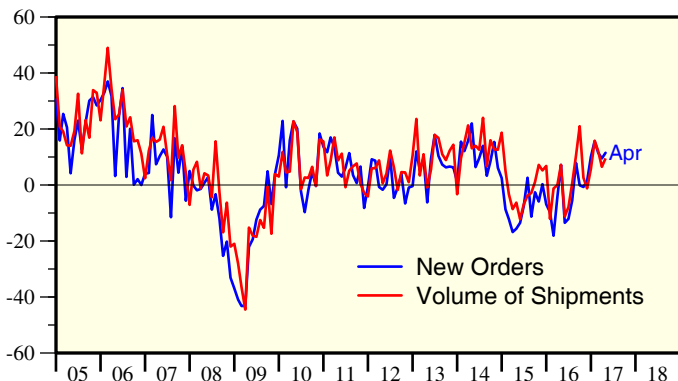
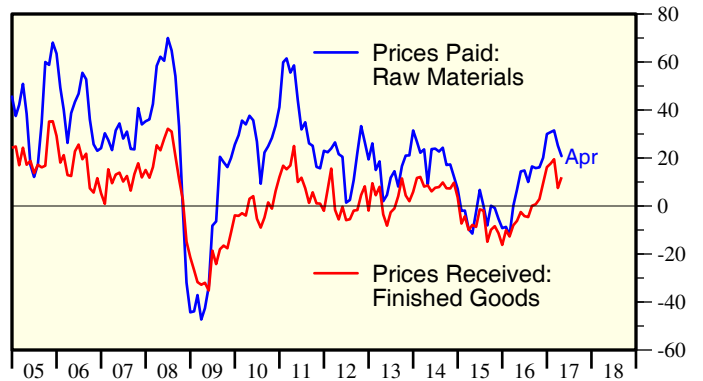
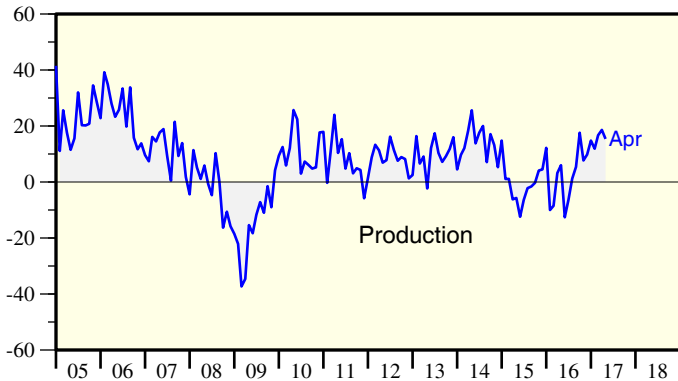
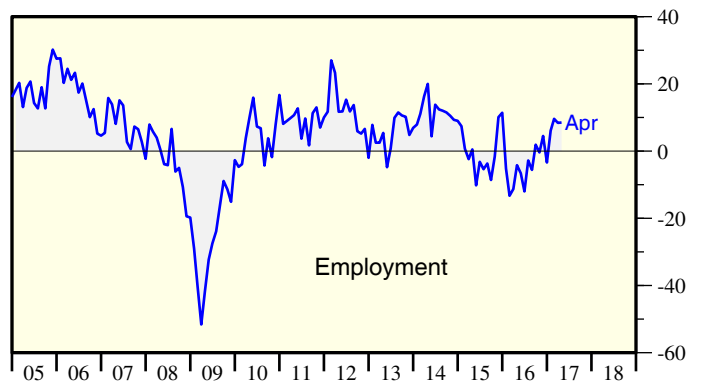
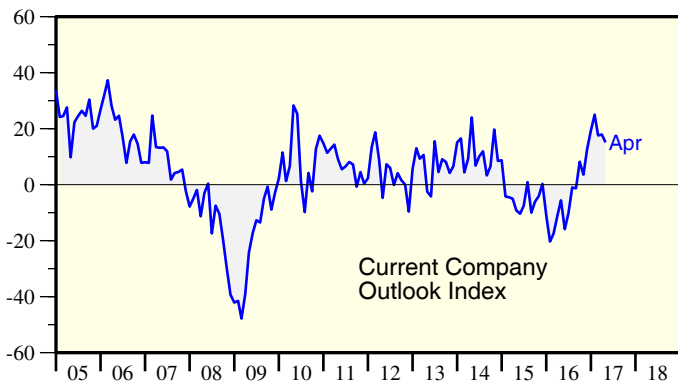
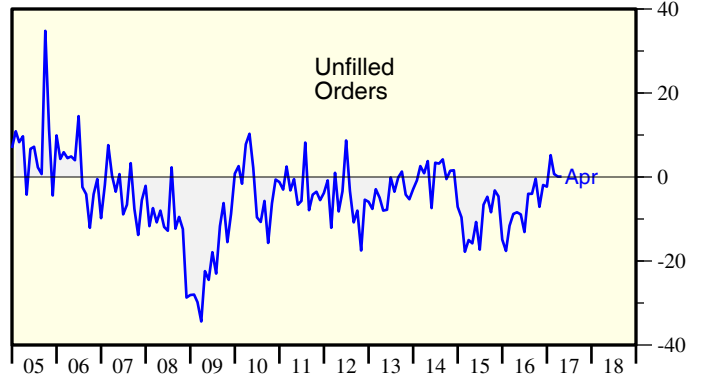
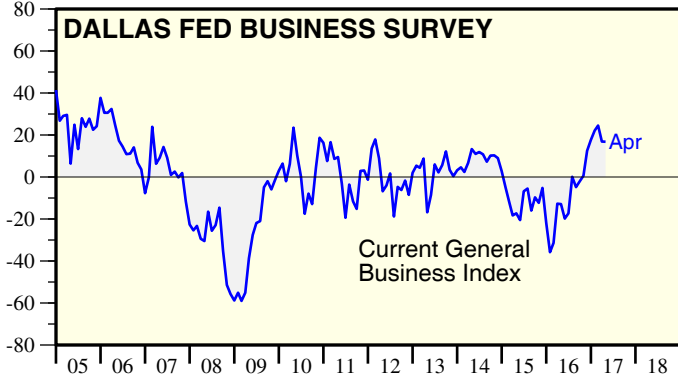
Figure 7.



Source: Haver Analytics.

# Dallas Fed Survey

Figure 8.

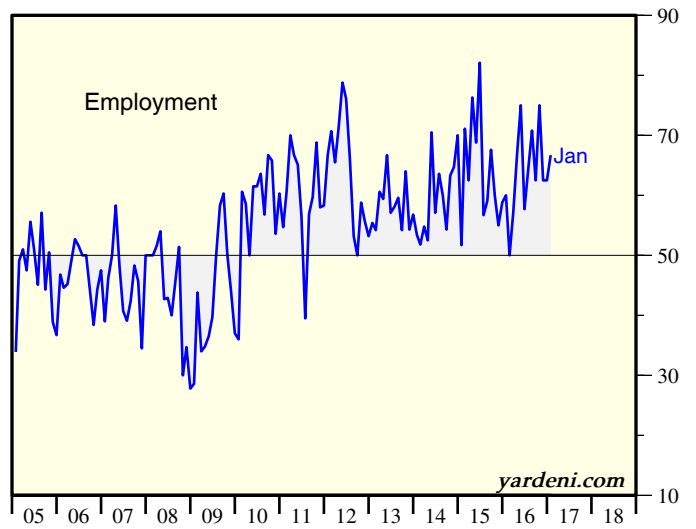
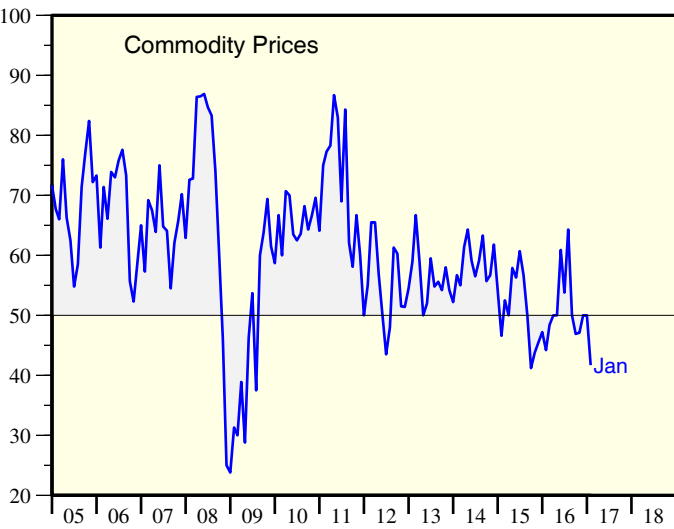
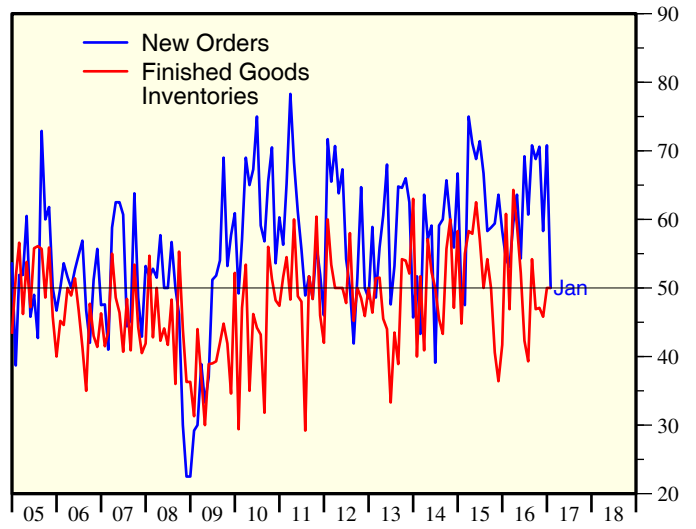
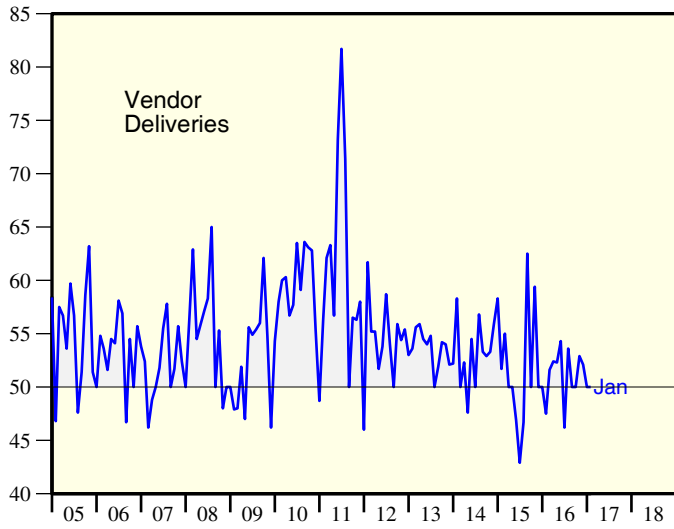
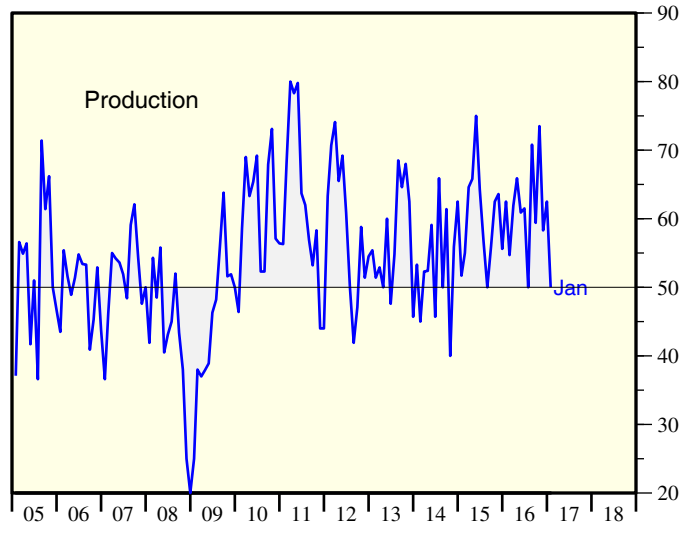
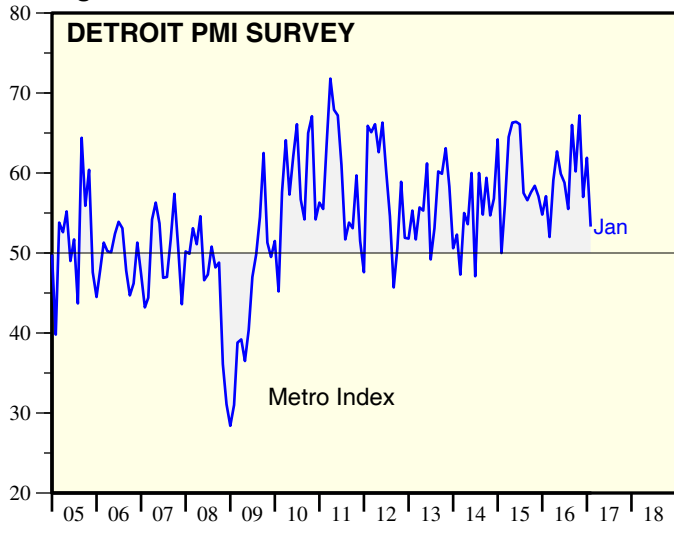


Source: Haver Analytics.

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# Detroit PMI

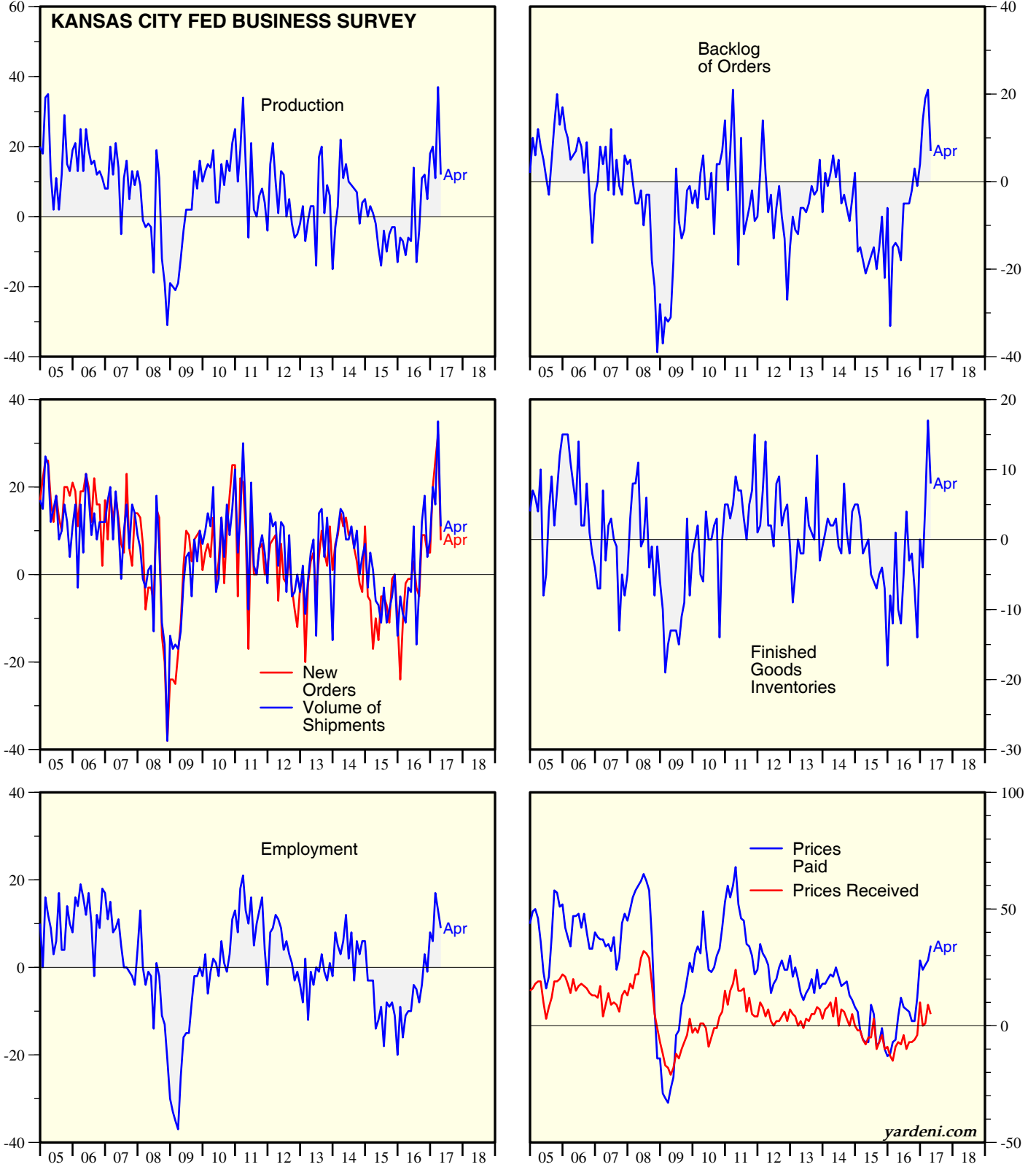
Figure 9.



Source: Haver Analytics.

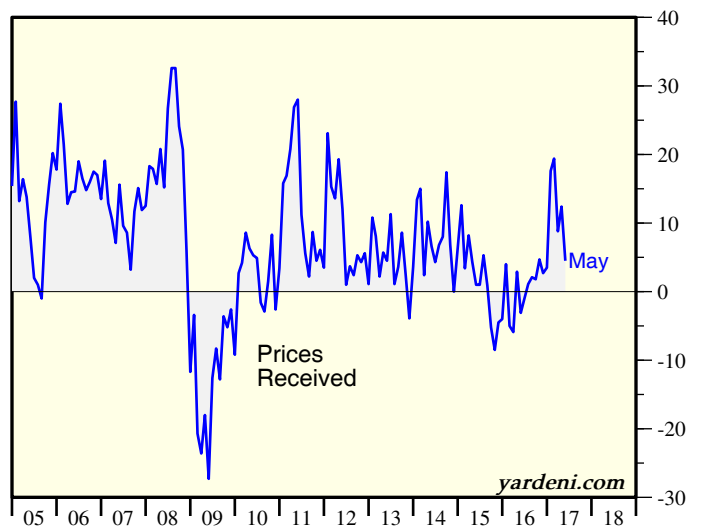
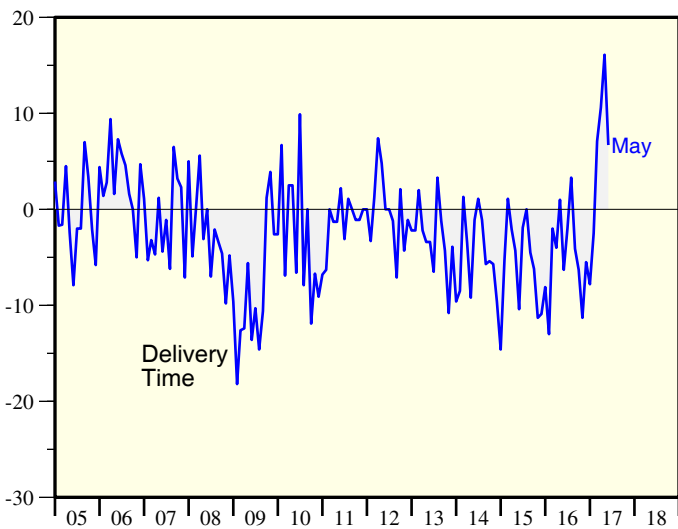
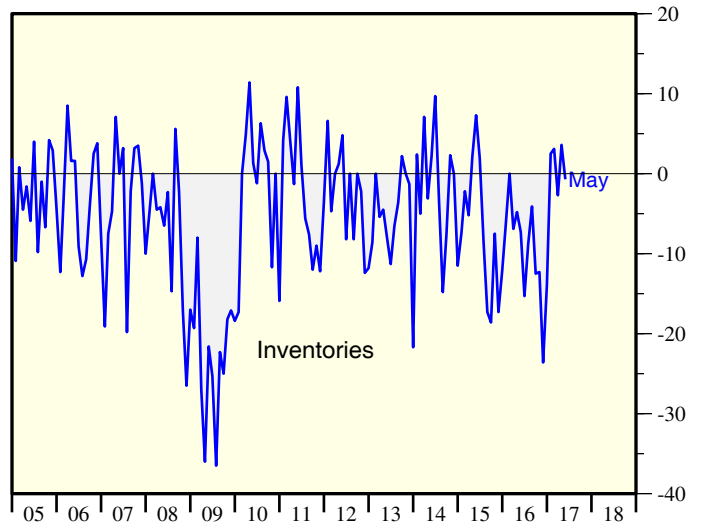
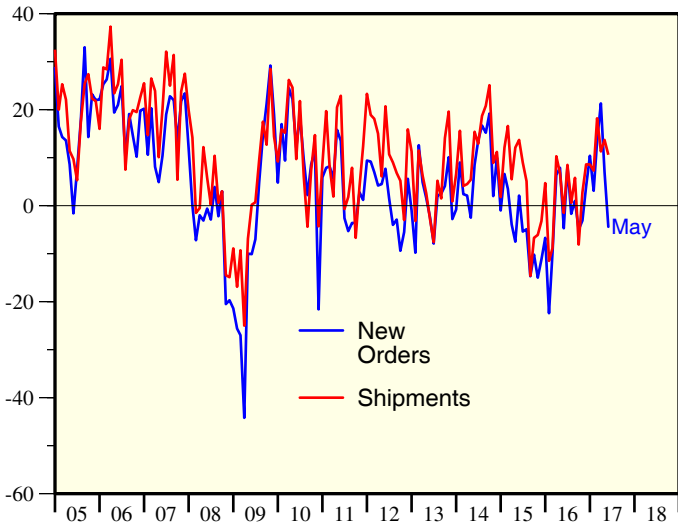
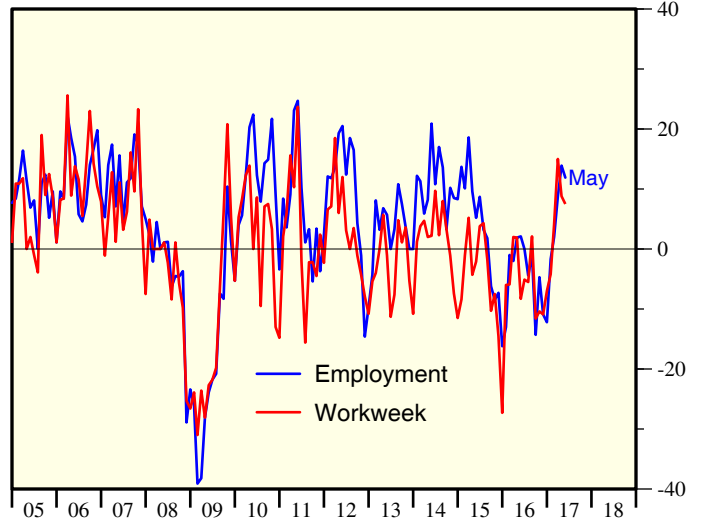
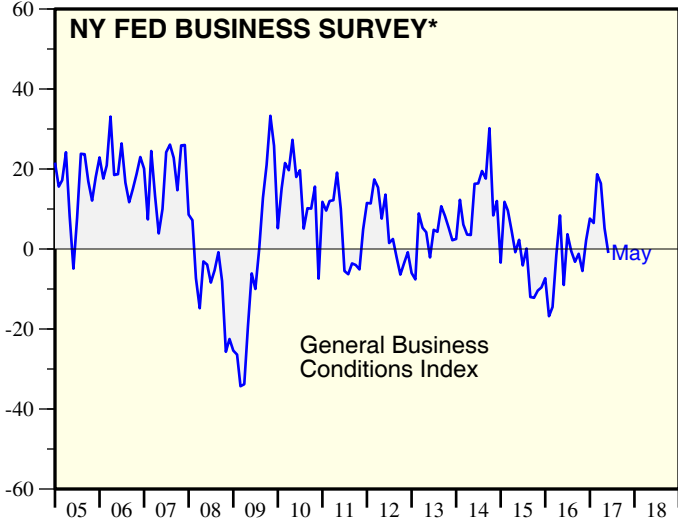
# Kansas City Fed Survey

Figure 10.



# New York Fed Survey

Figure 11.

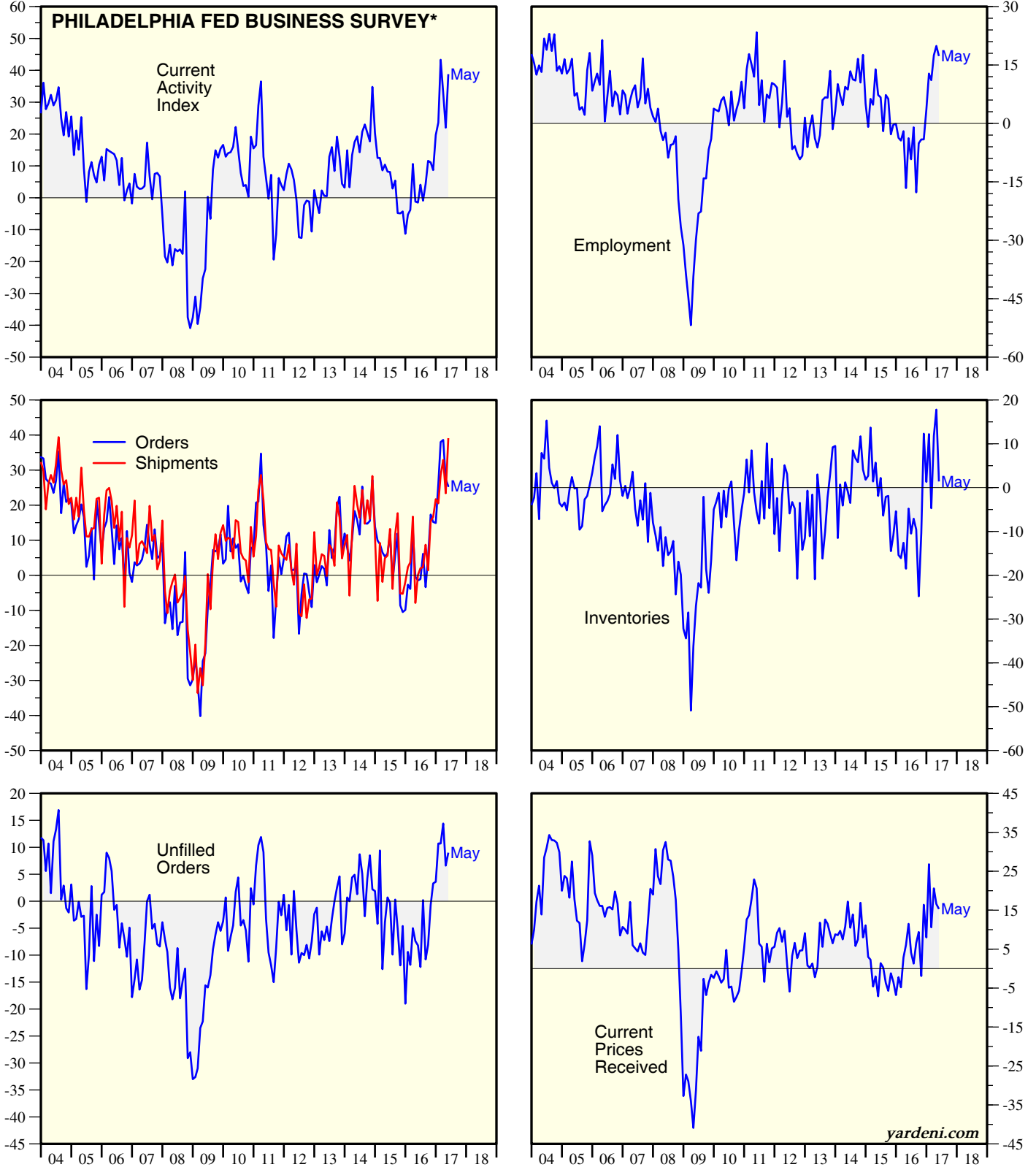


\* Diffusion indexes.  
Source: Federal Reserve Bank of New York.

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# Philadelphia Fed Survey

Figure 12.

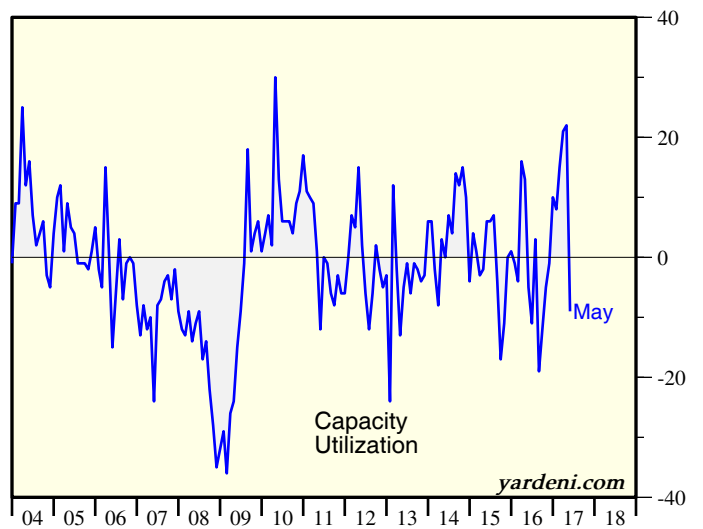
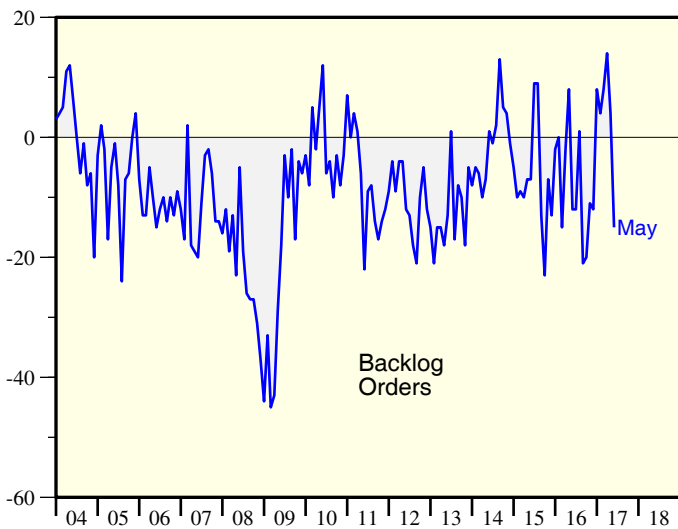
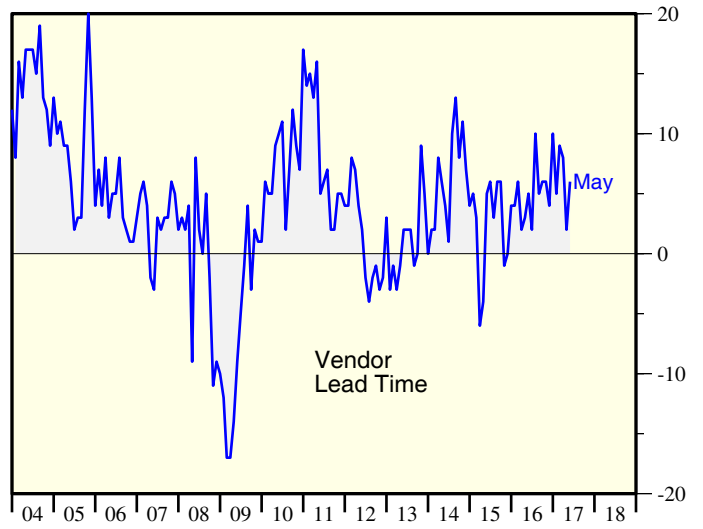
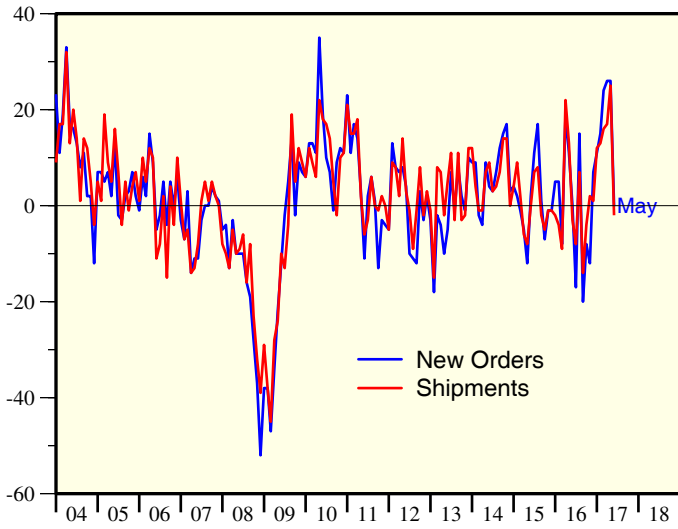
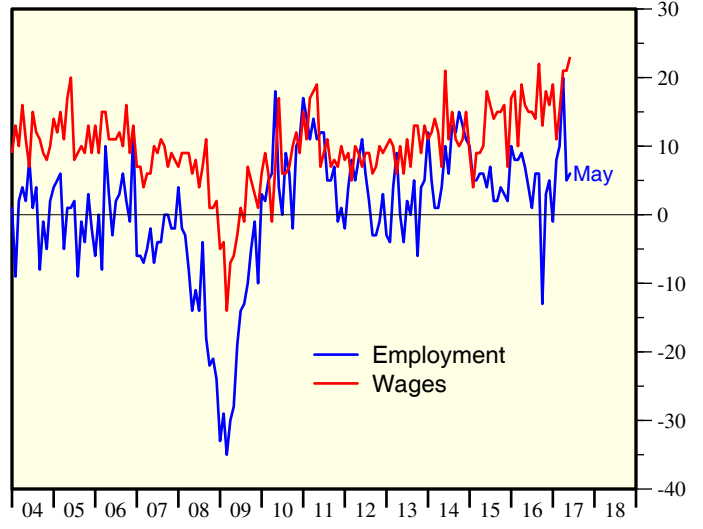
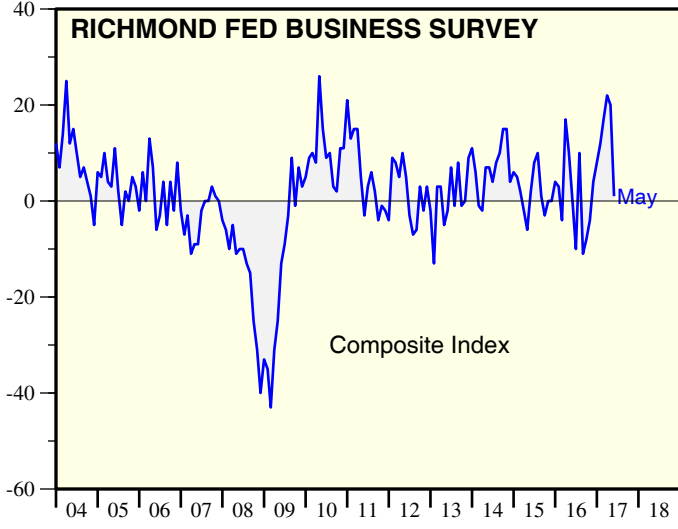


\* Diffusion indexes.

Source: Federal Reserve Bank of Philadelphia.

# Richmond Fed Survey

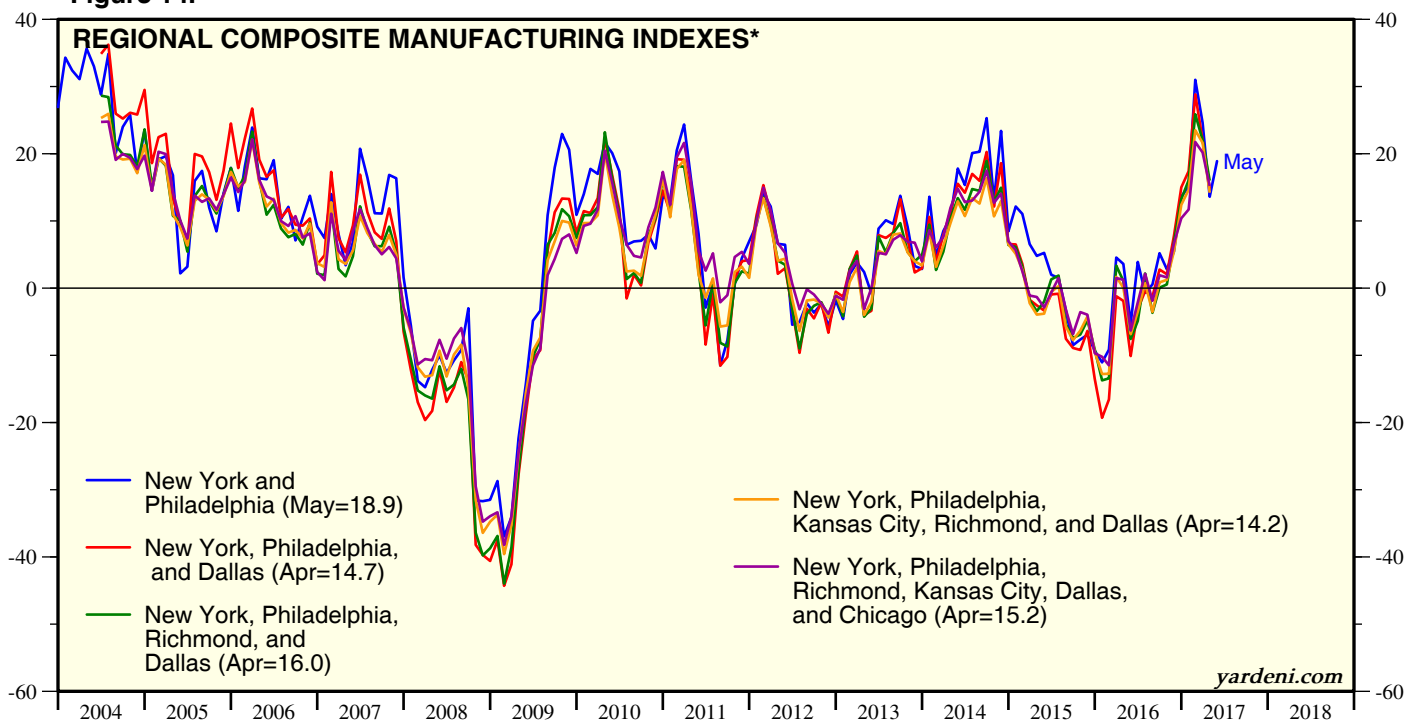
Figure 13.



Source: Federal Reserve Bank of Richmond.

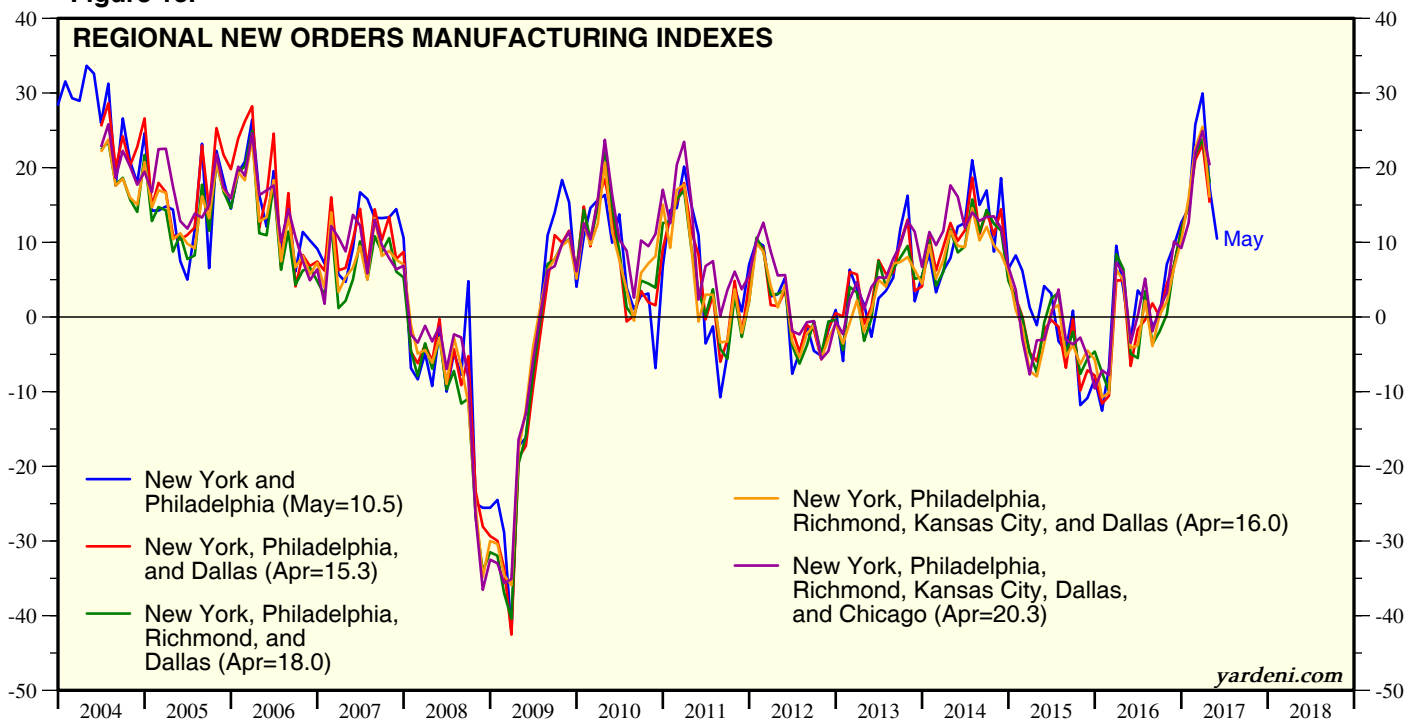
# Regional Business Indexes

Figure 14.



\* Chicago contains both manufacturing and non-manufacturing firms with global operations.  
Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, Dallas, and Deutsche Borse Group.

Figure 15.

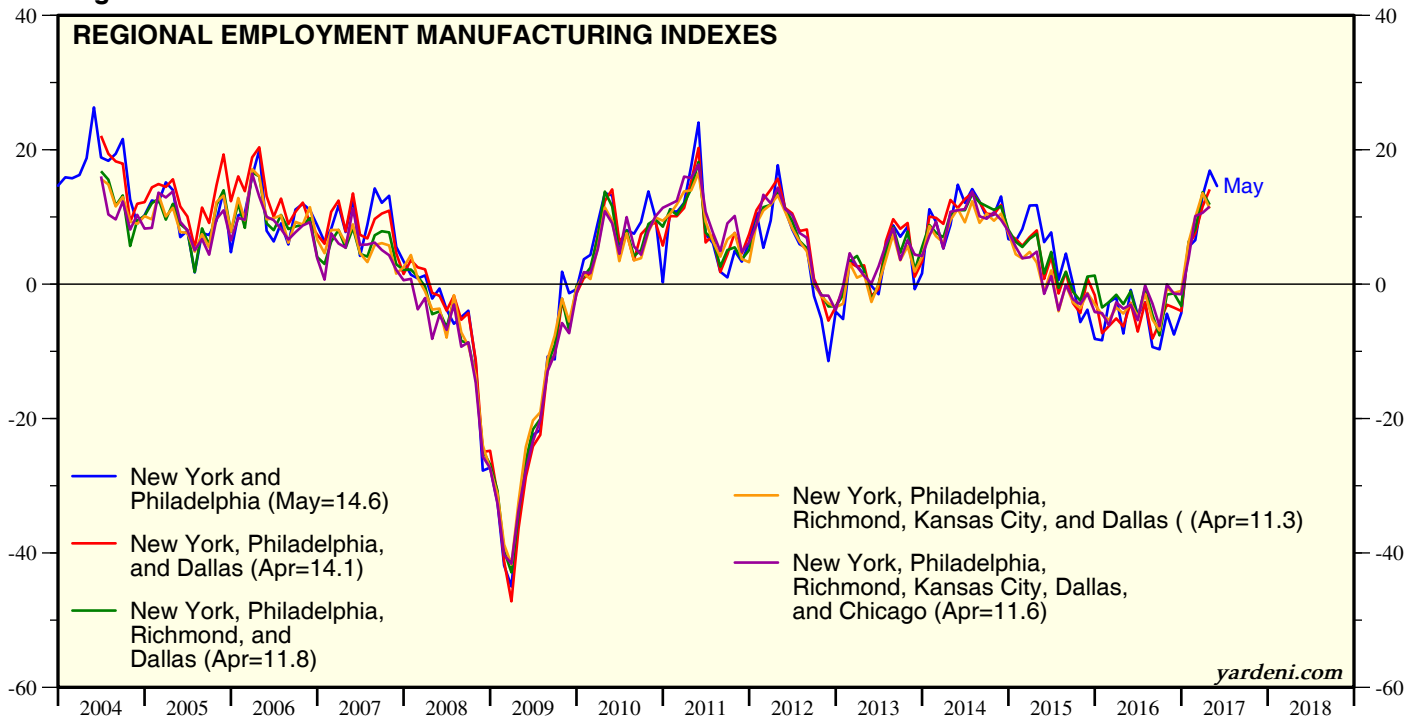


Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, Dallas, and Deutsche Bourse.



# Regional Business Indexes

Figure 16.



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