

US Economic Briefing: Regional Business Surveys

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December 29, 2023

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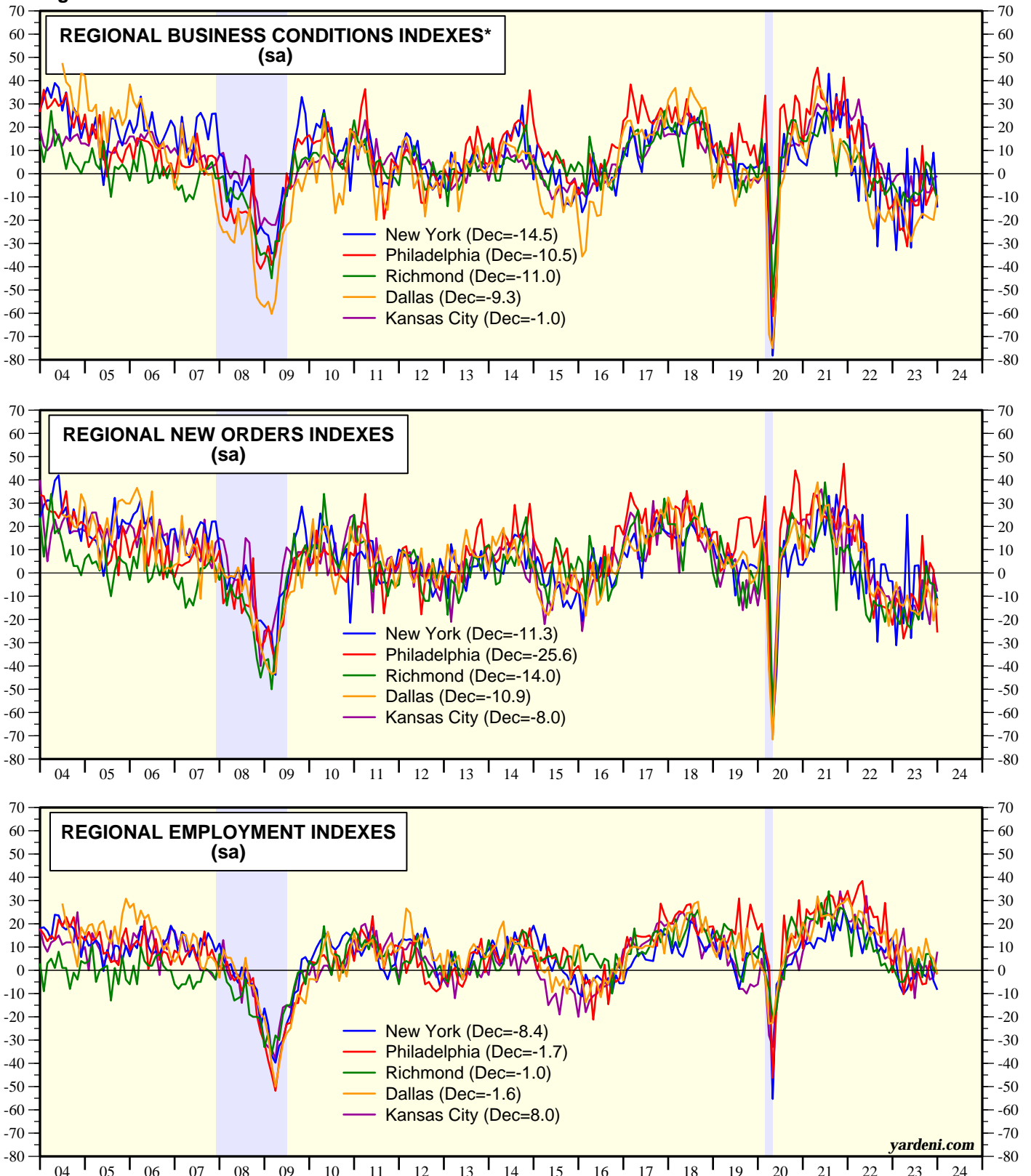
thinking outside the box

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Regional M-PMIs

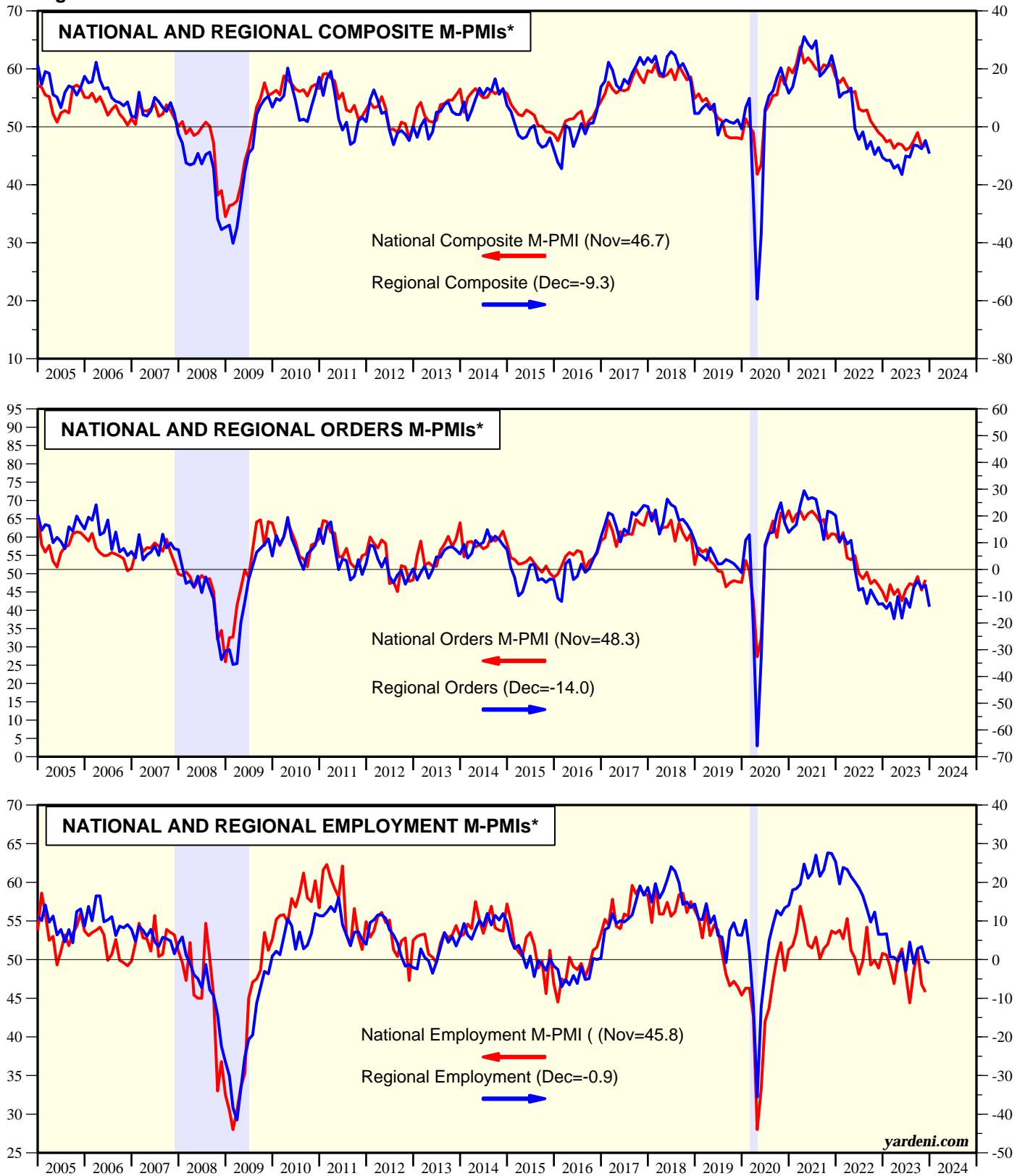
Figure 1.



*Regional Fed Survey.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of New York, Philadelphia, Richmond, Dallas, and Kansas City.

National vs Regional M-PMIs

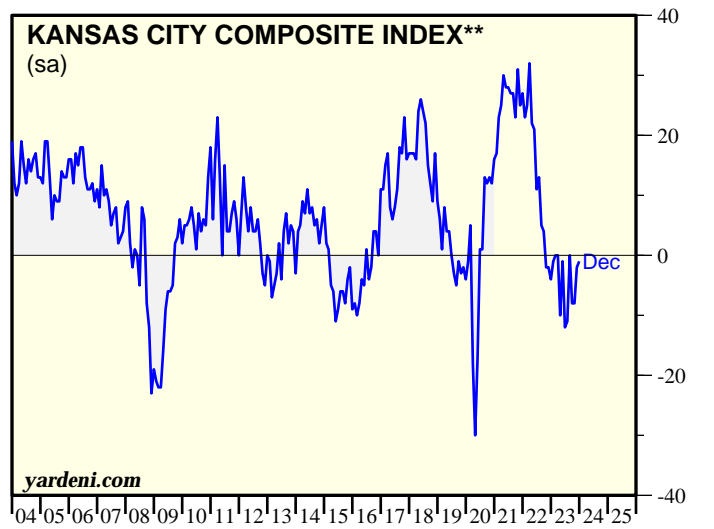
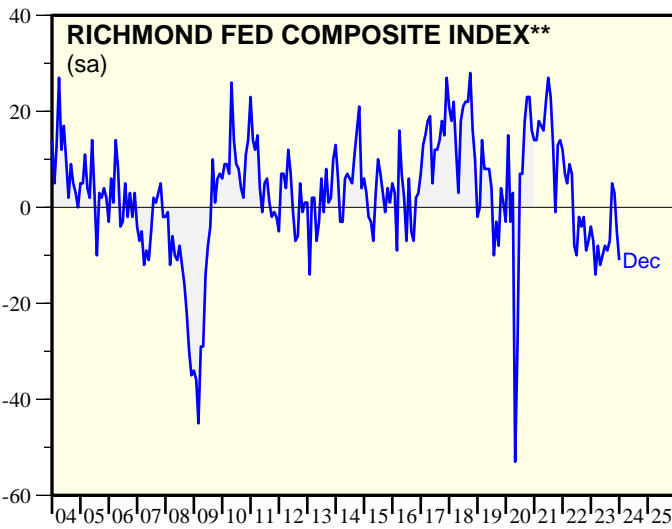
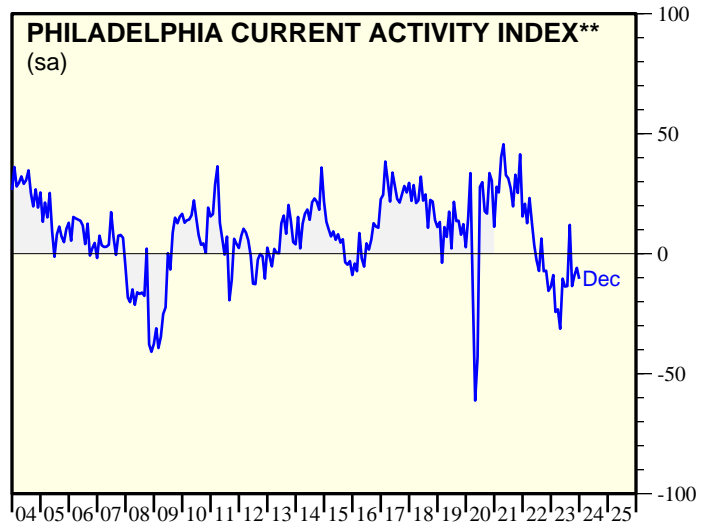
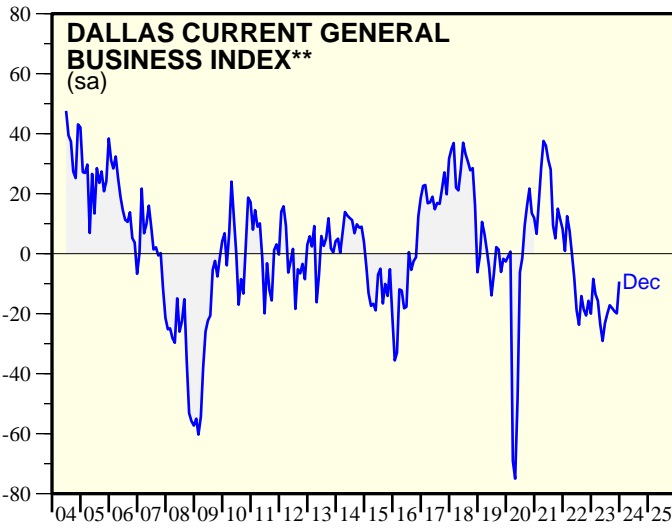
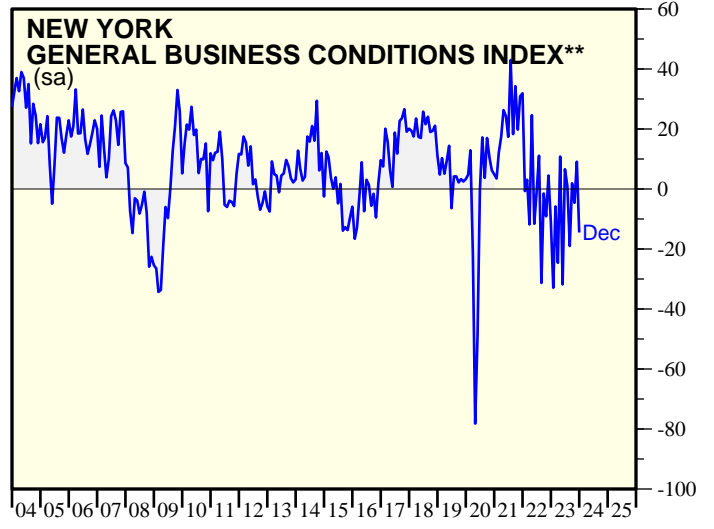
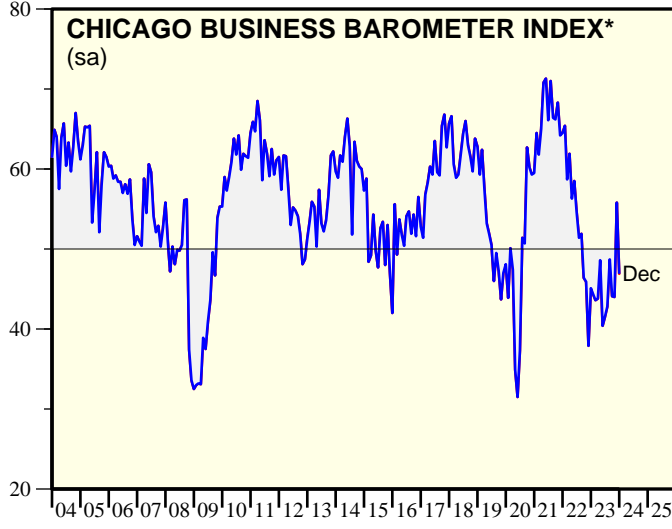
Figure 2.



* Average of Dallas, Kansas City, New York, Philadelphia, and Richmond.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Dallas, Kansas City, New York, Philadelphia, and Richmond and Institute for Supply Management.

Regional Business Conditions Indexes

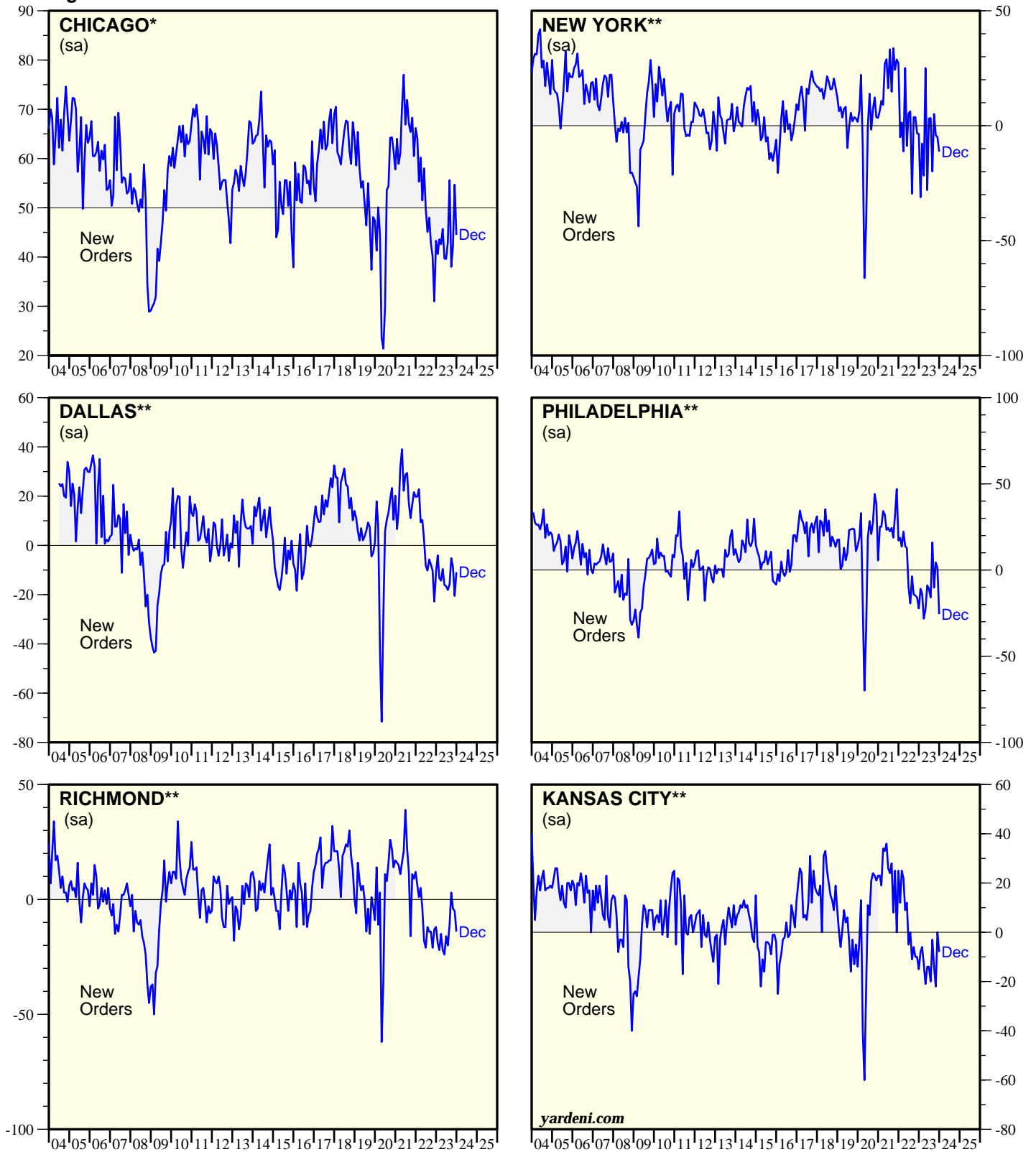
Figure 3.



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

Regional New Orders

Figure 4.

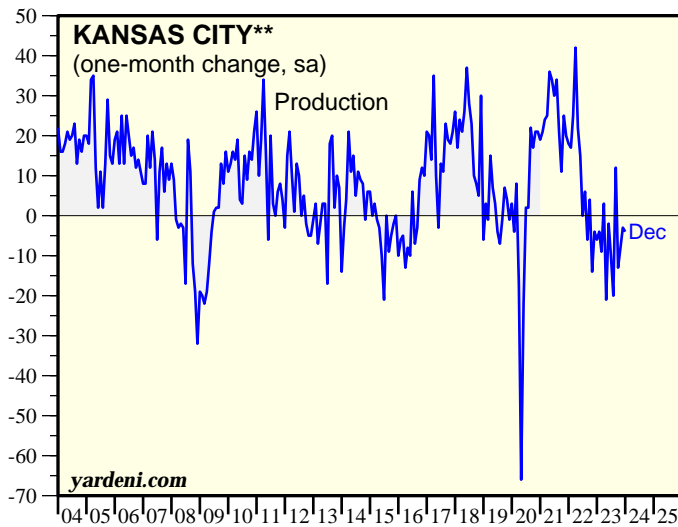
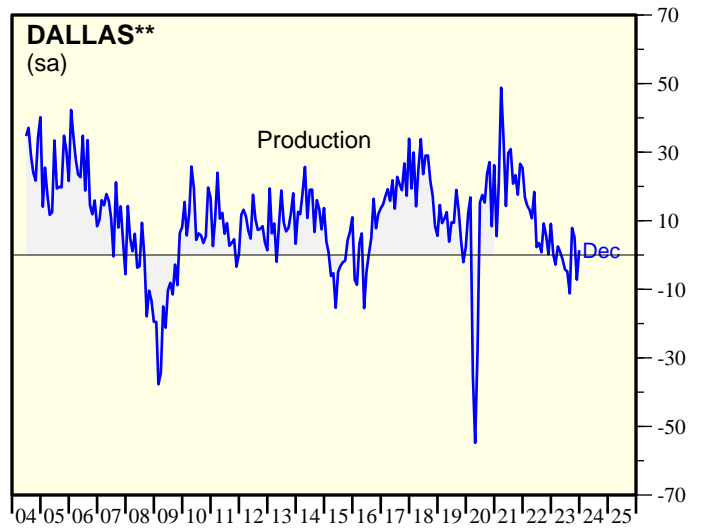
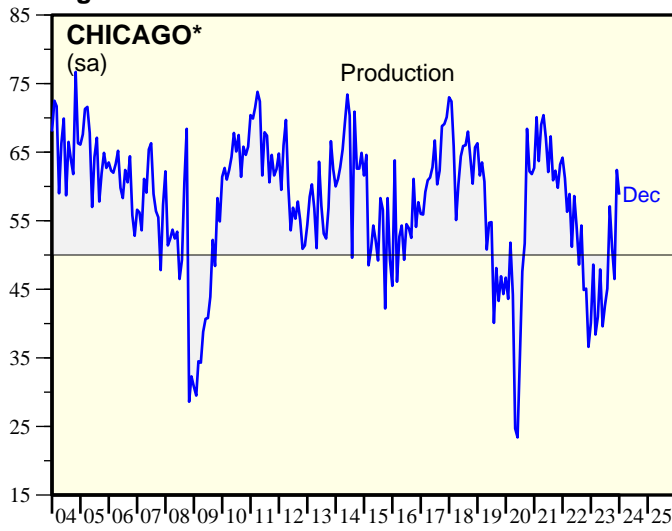


*Regional ISM survey. **Regional Fed Survey.
Source: Haver Analytics.

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Regional Production

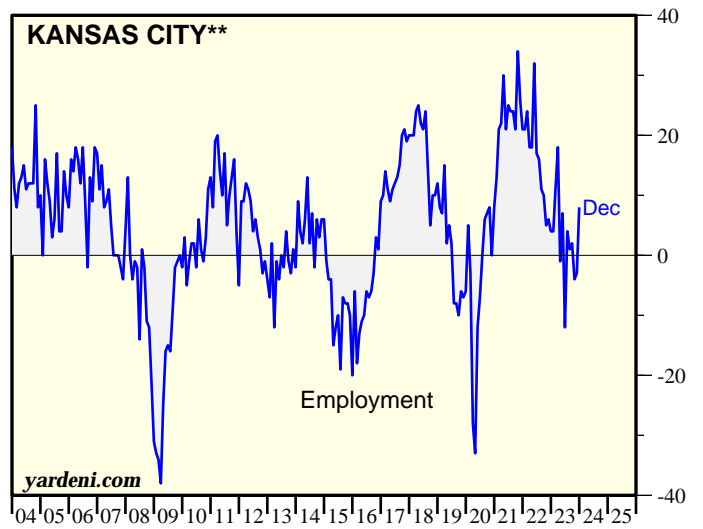
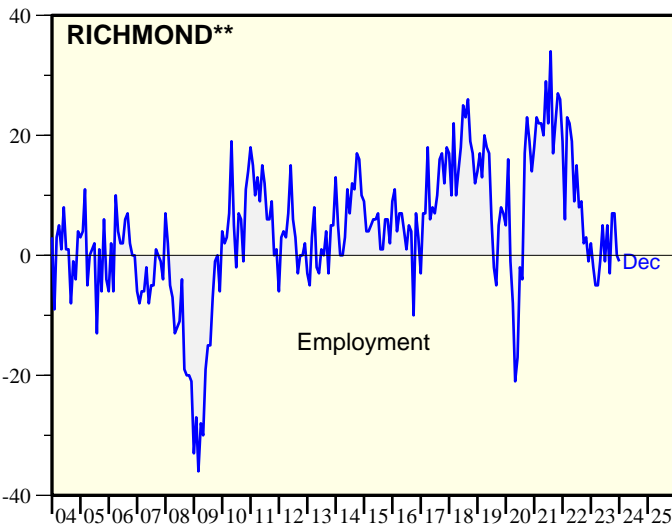
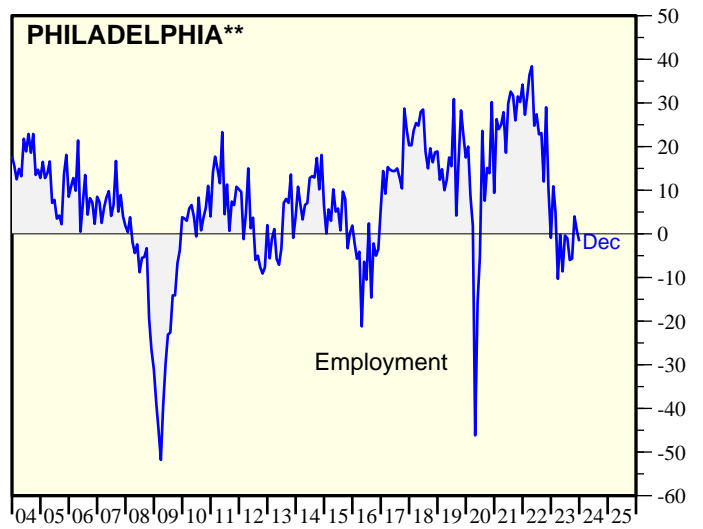
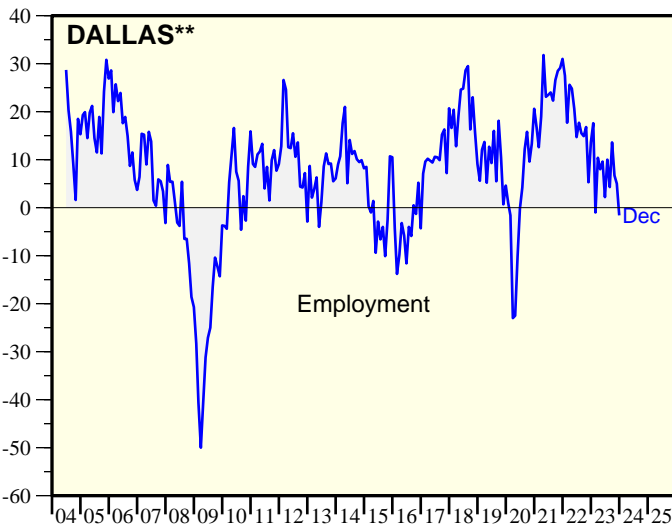
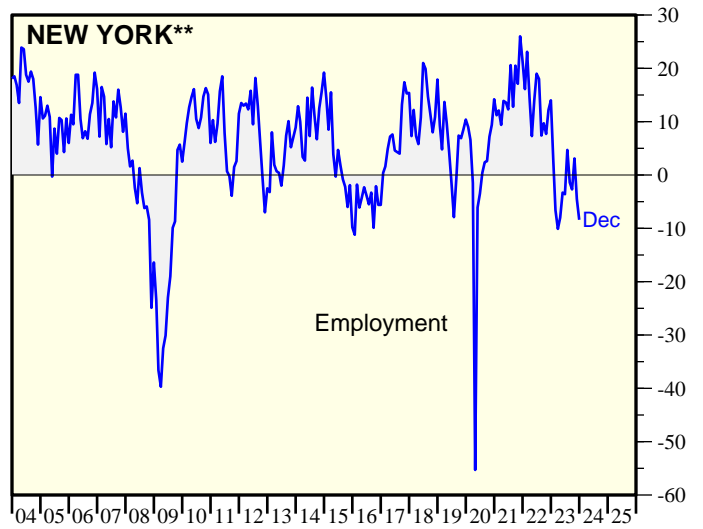
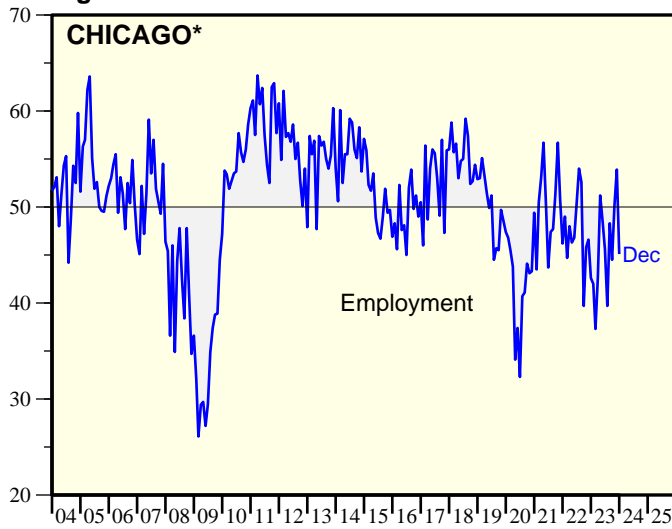
Figure 5.



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

Regional Employment

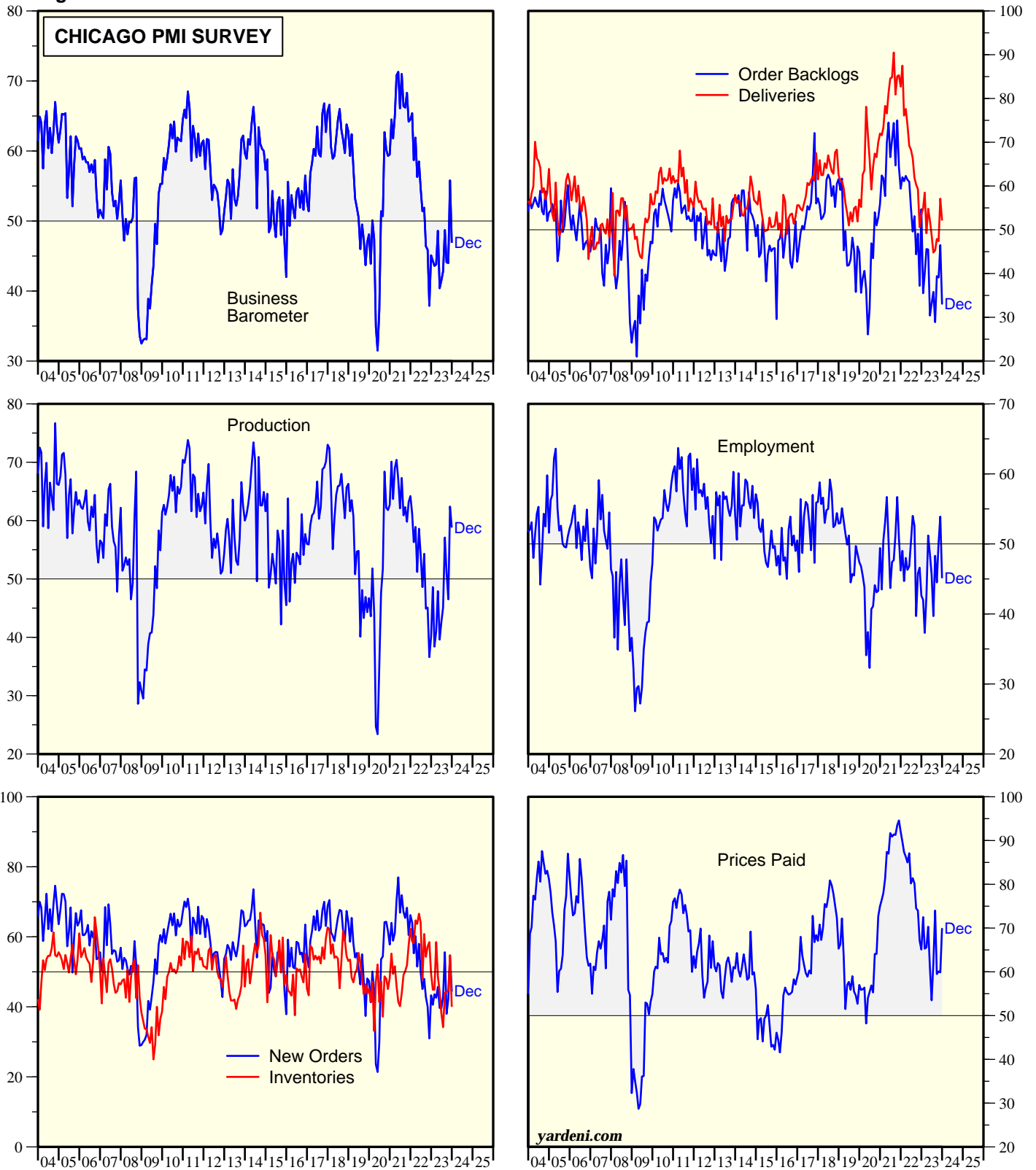
Figure 6.



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

Chicago PMI

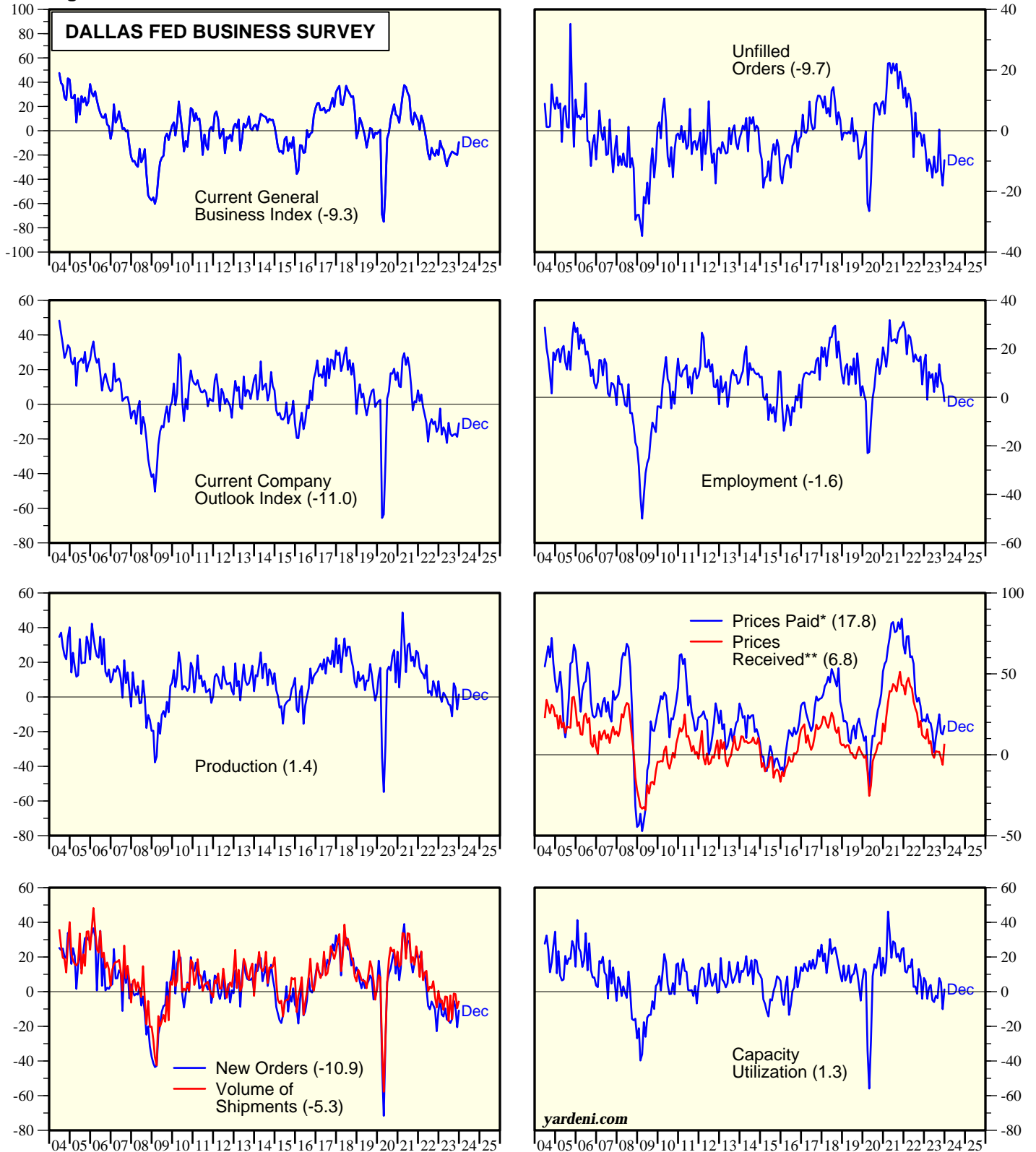
Figure 7.



Source: Haver Analytics.

Dallas Fed Survey

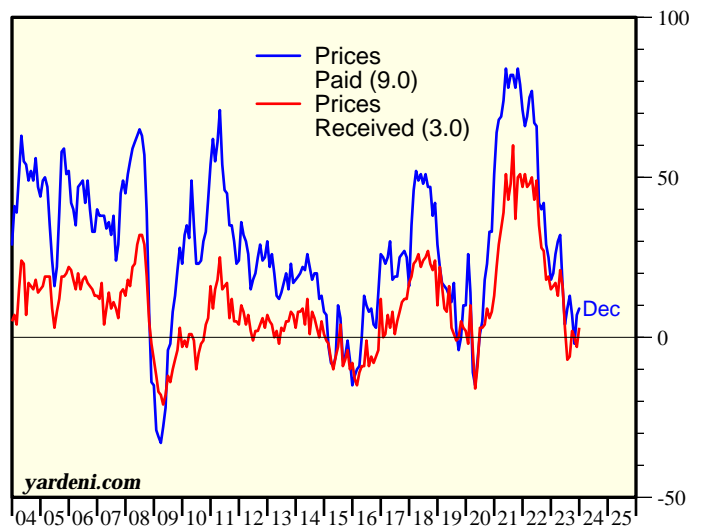
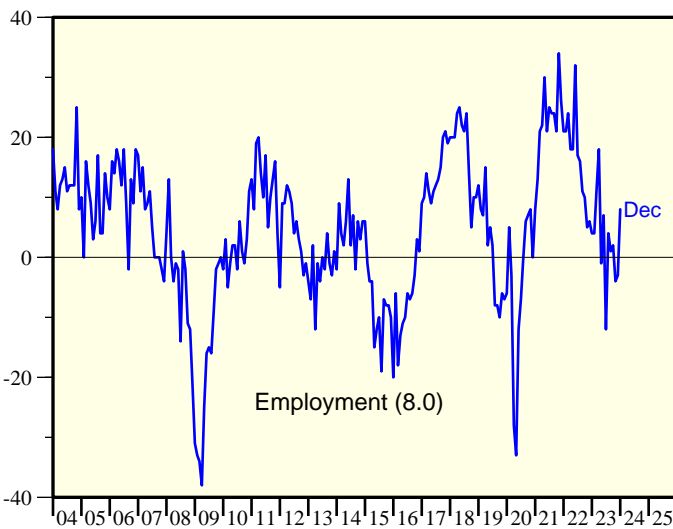
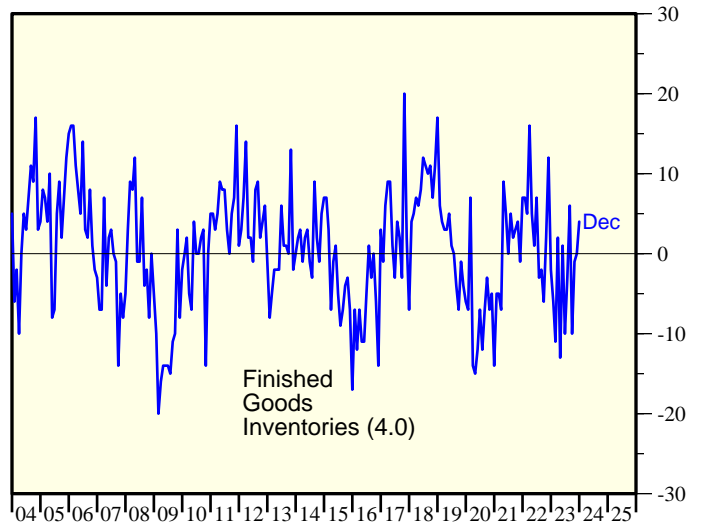
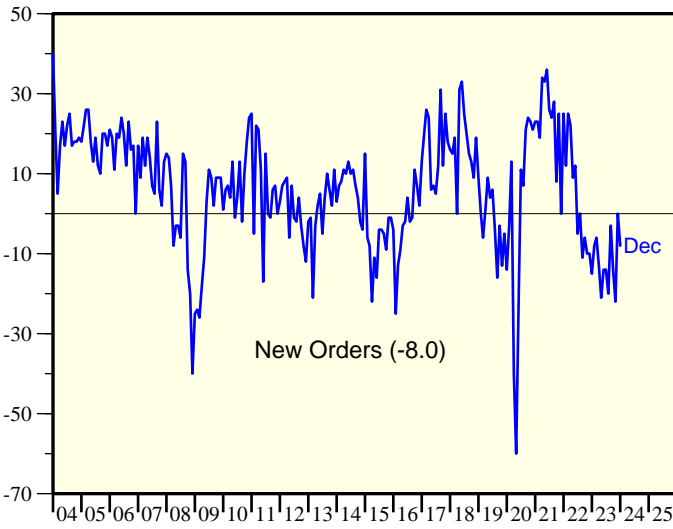
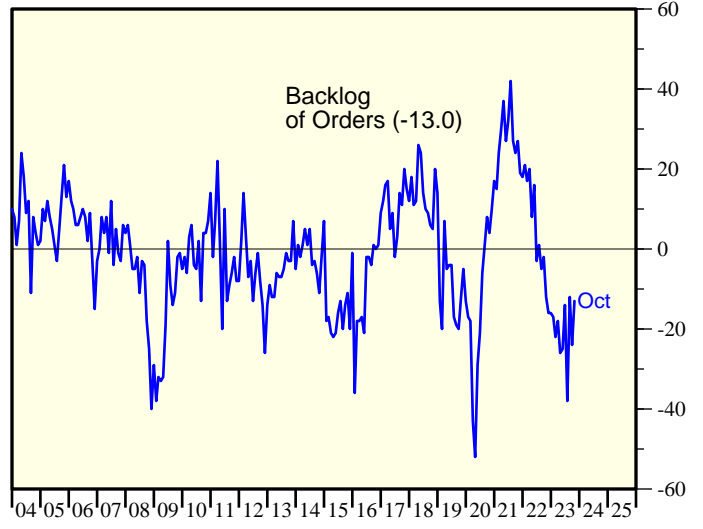
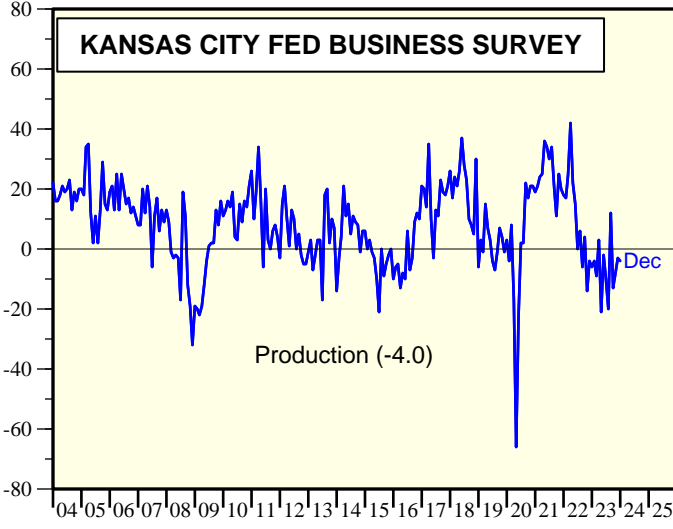
Figure 8.



* Raw materials. ** Finished goods.
Source: Haver Analytics.

Kansas City Fed Survey

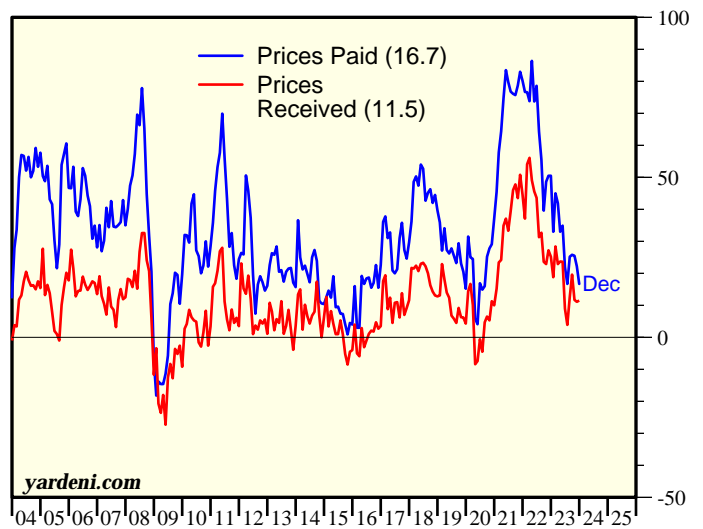
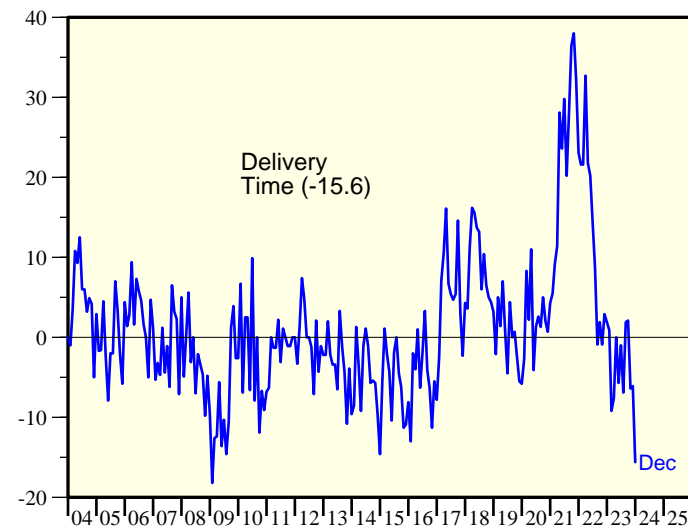
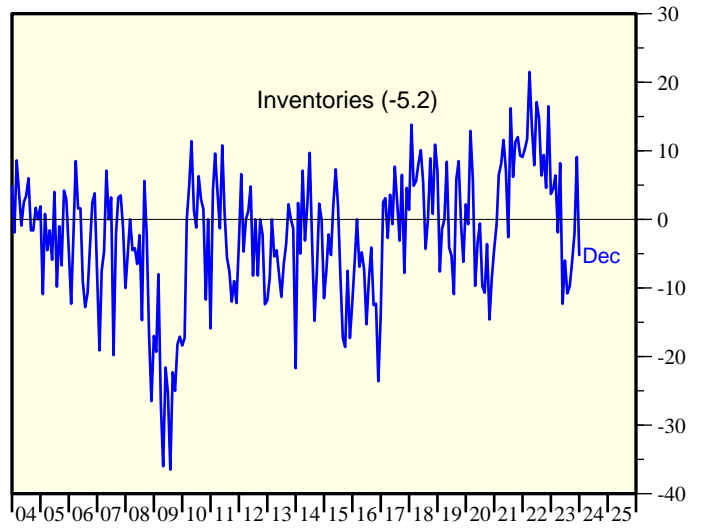
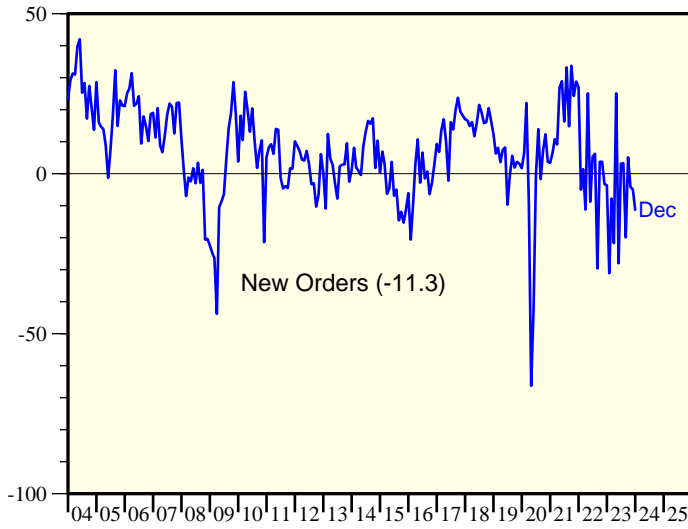
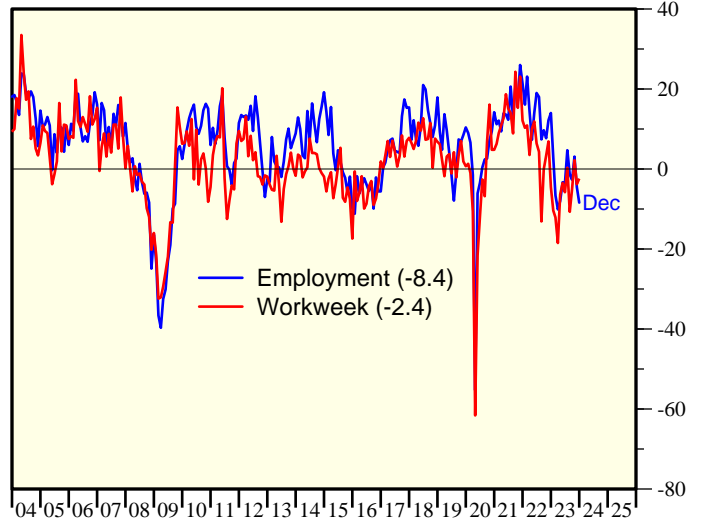
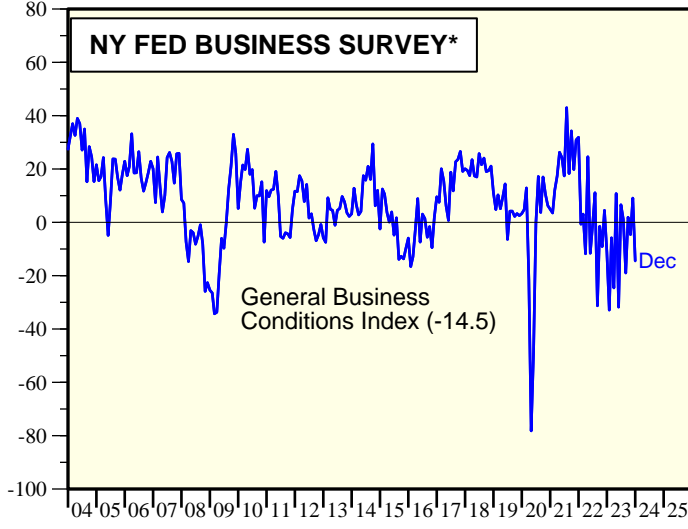
Figure 9.



Source: Haver Analytics

New York Fed Survey

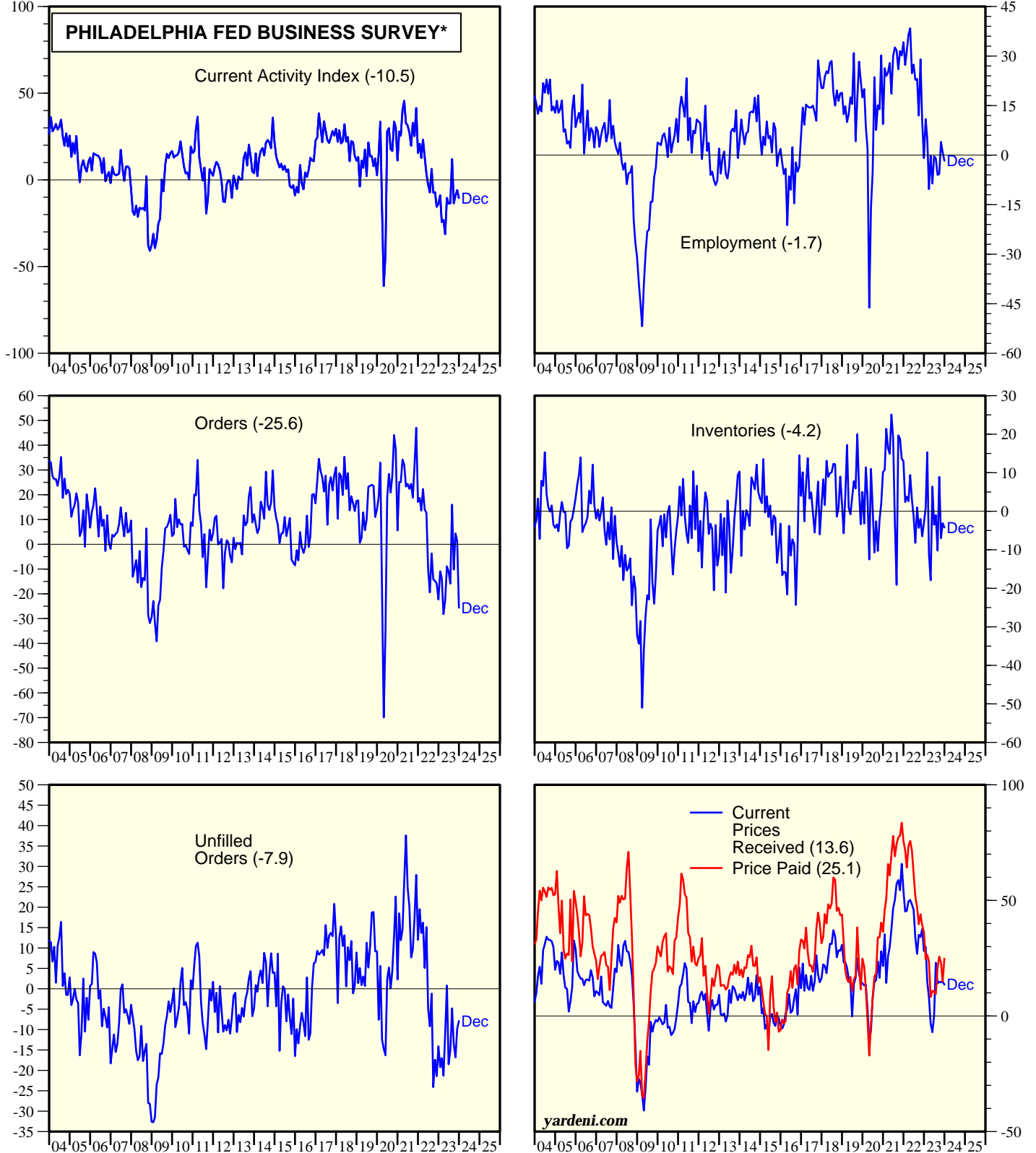
Figure 10.



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

Philadelphia Fed Survey

Figure 11.

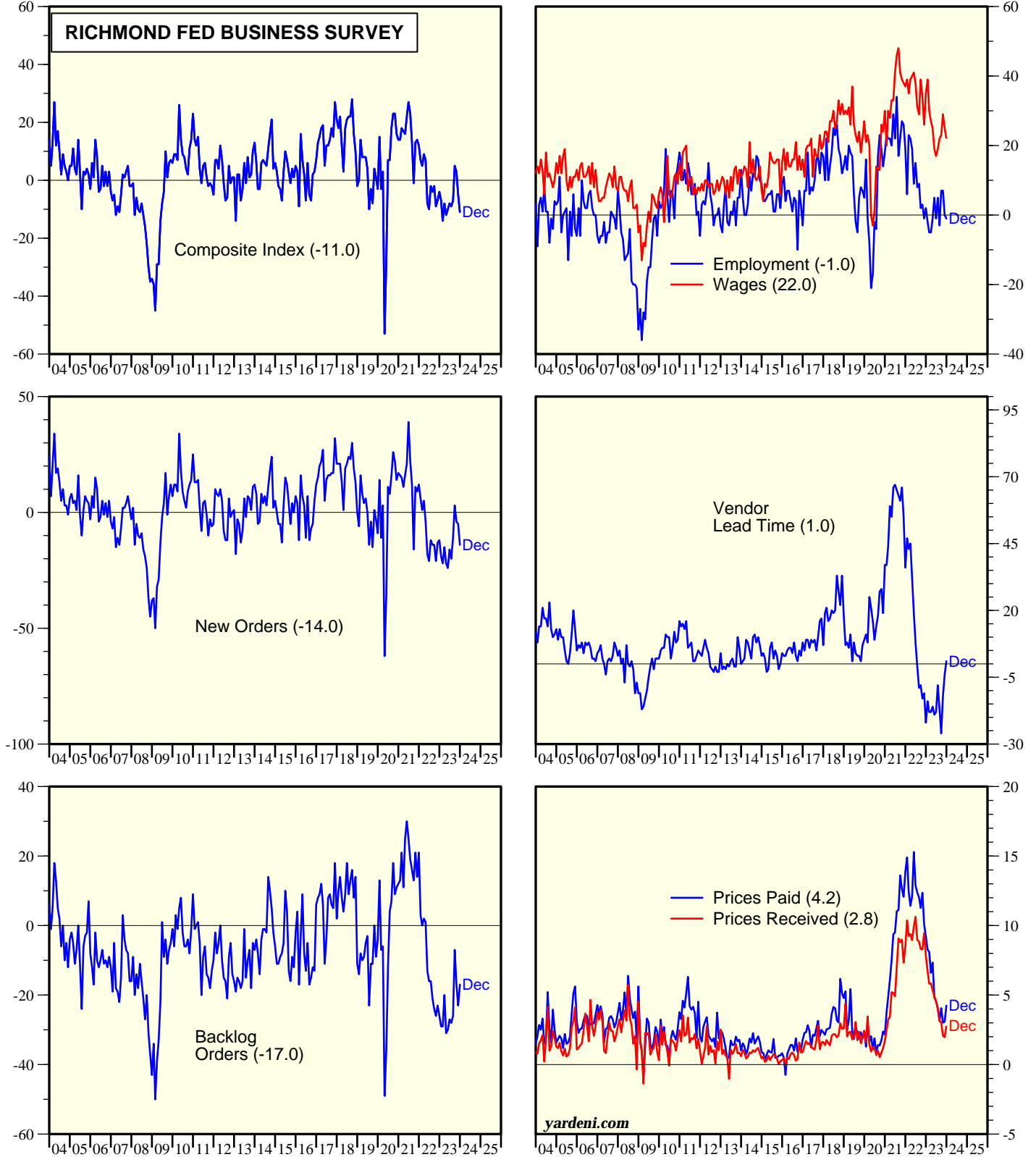


* Diffusion indexes.

Source: Federal Reserve Bank of Philadelphia.

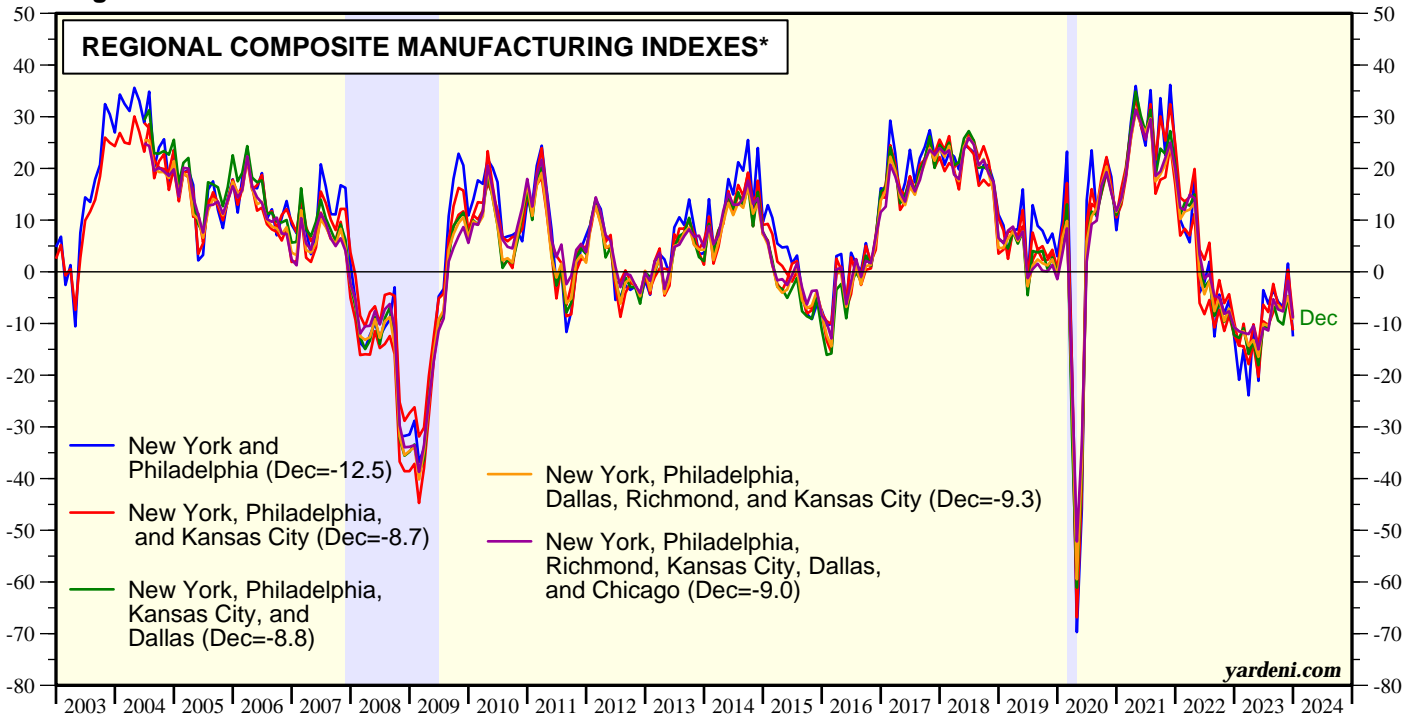
Richmond Fed Survey

Figure 12.



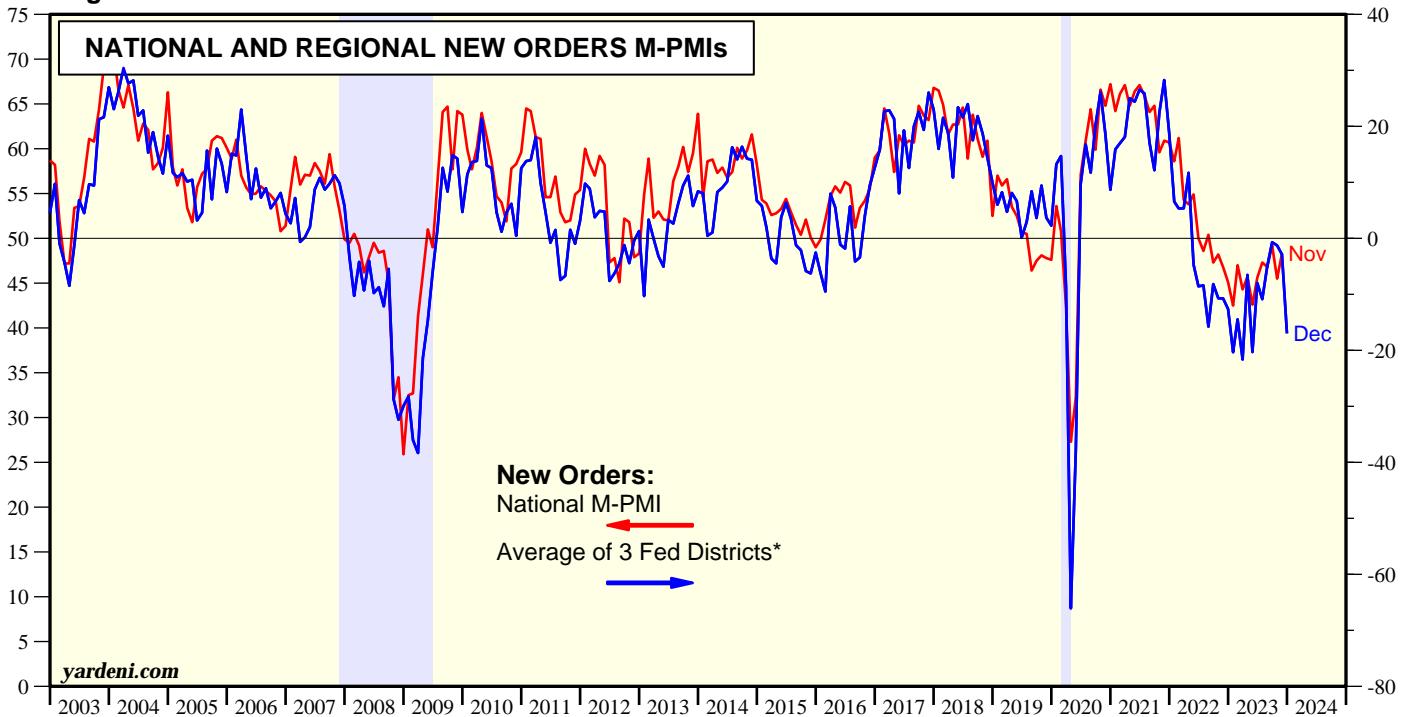
Regional Business Indexes

Figure 13.



* Chicago contains both manufacturing and non-manufacturing firms with global operations.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, Dallas, and Deutsche Borse Group.

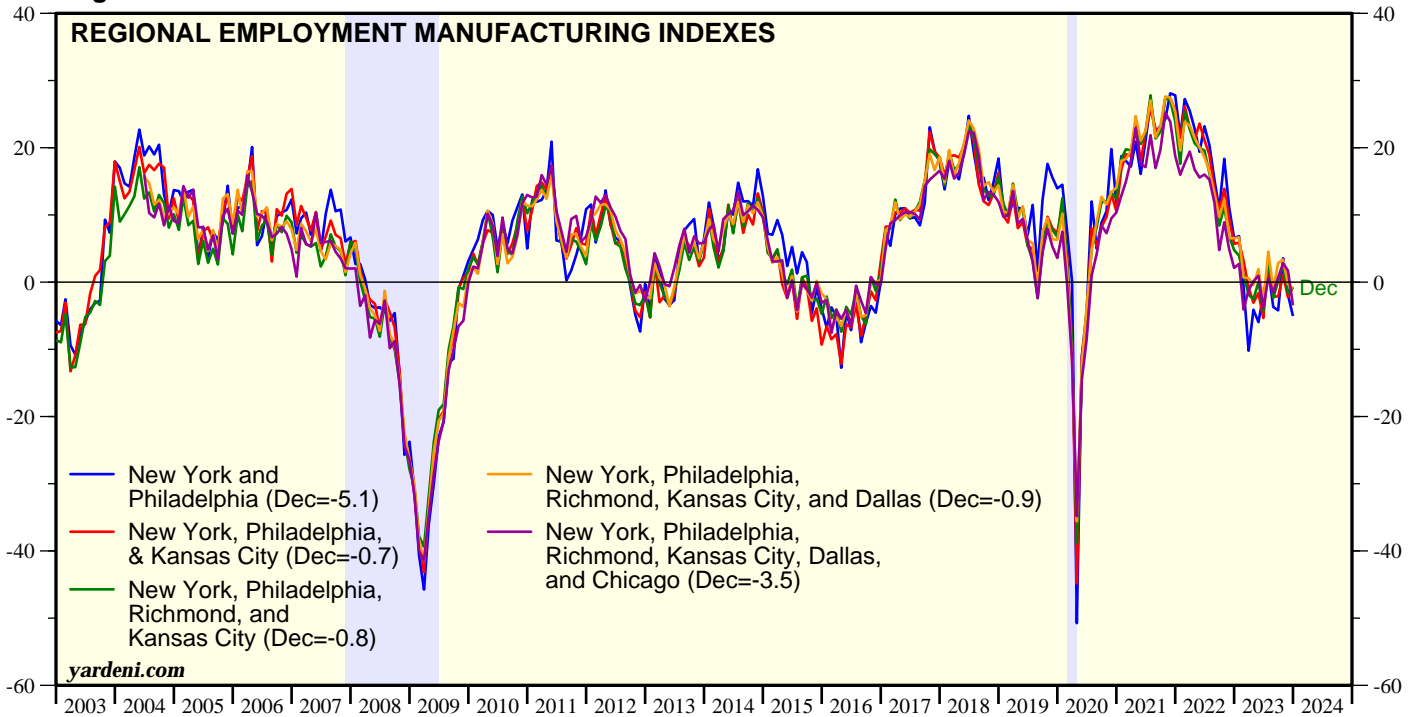
Figure 14.



Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of New York, Philadelphia, and Richmond.

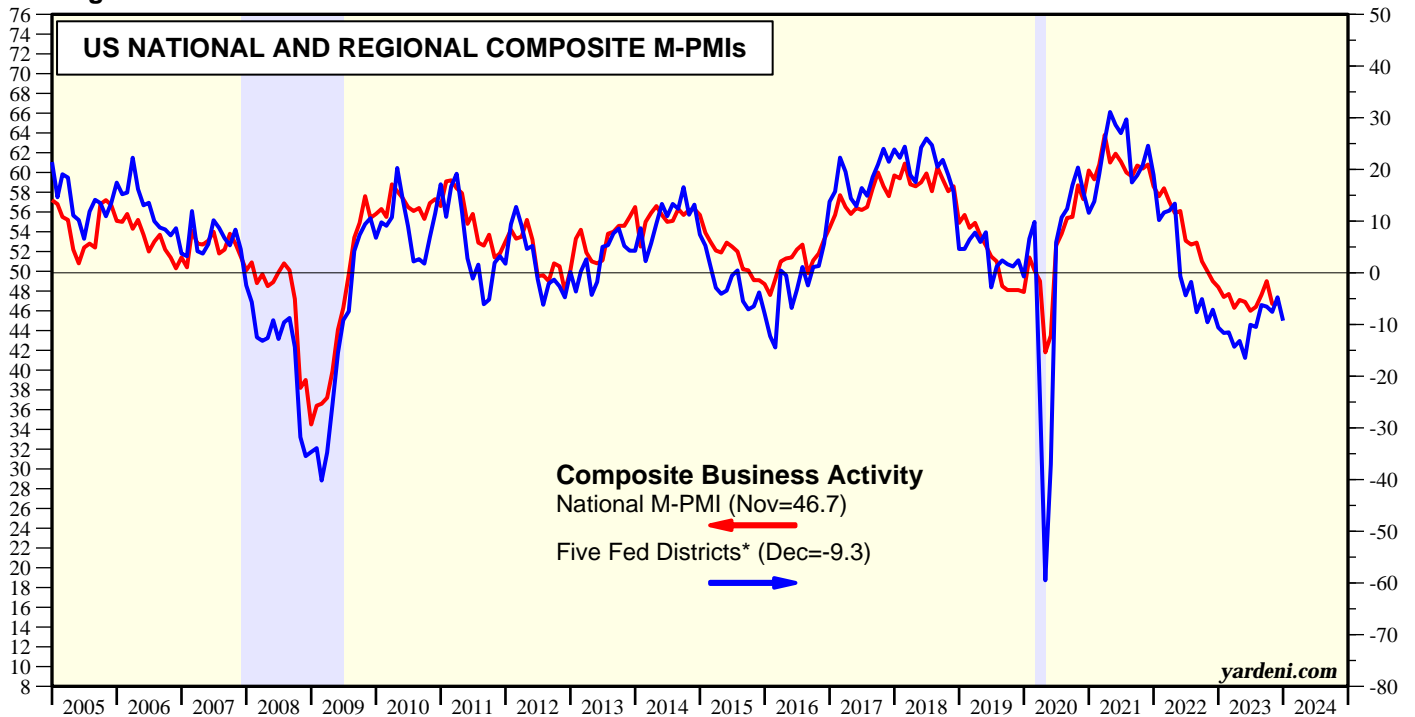
Regional Business Indexes

Figure 15.



Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, and Dallas.

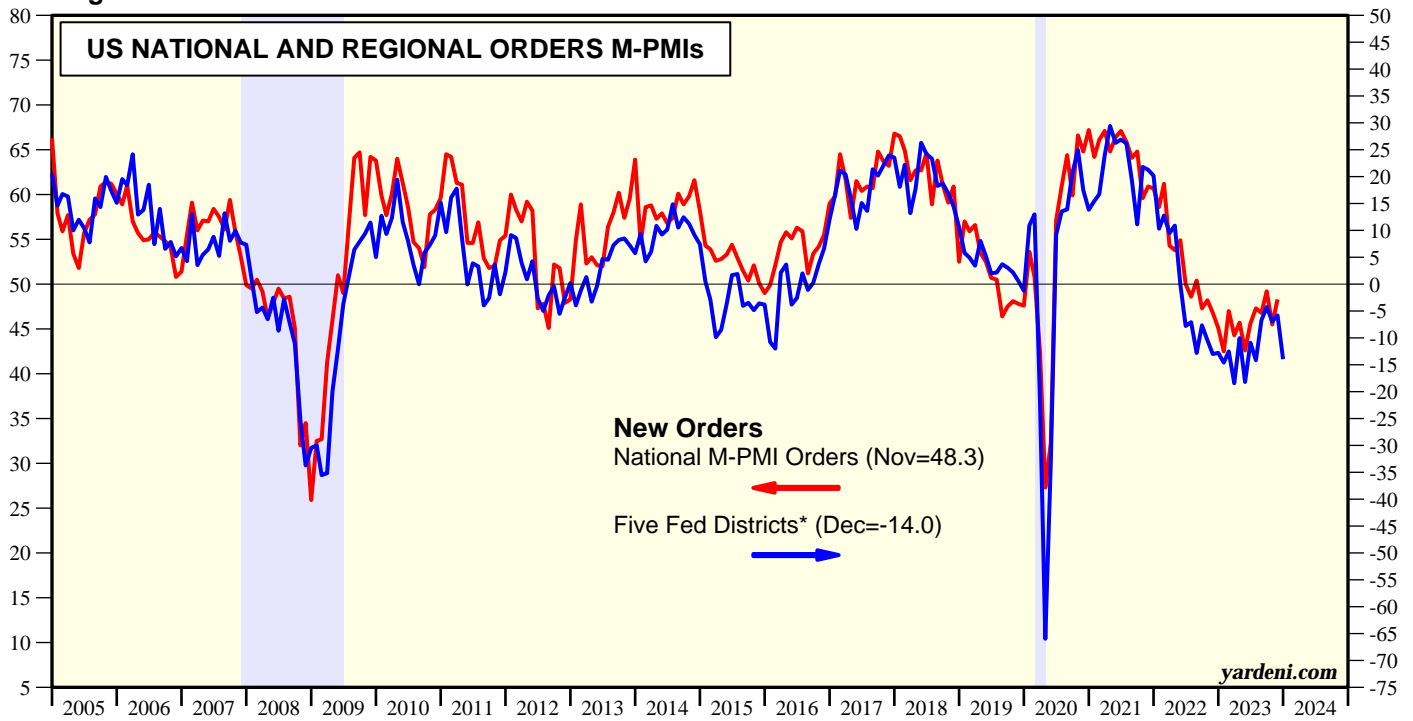
Figure 16.



* Average of general business indexes for the following Fed districts: Dallas, Kansas City, New York, Philadelphia, and Richmond.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Institute for Supply Management and Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, and Dallas.

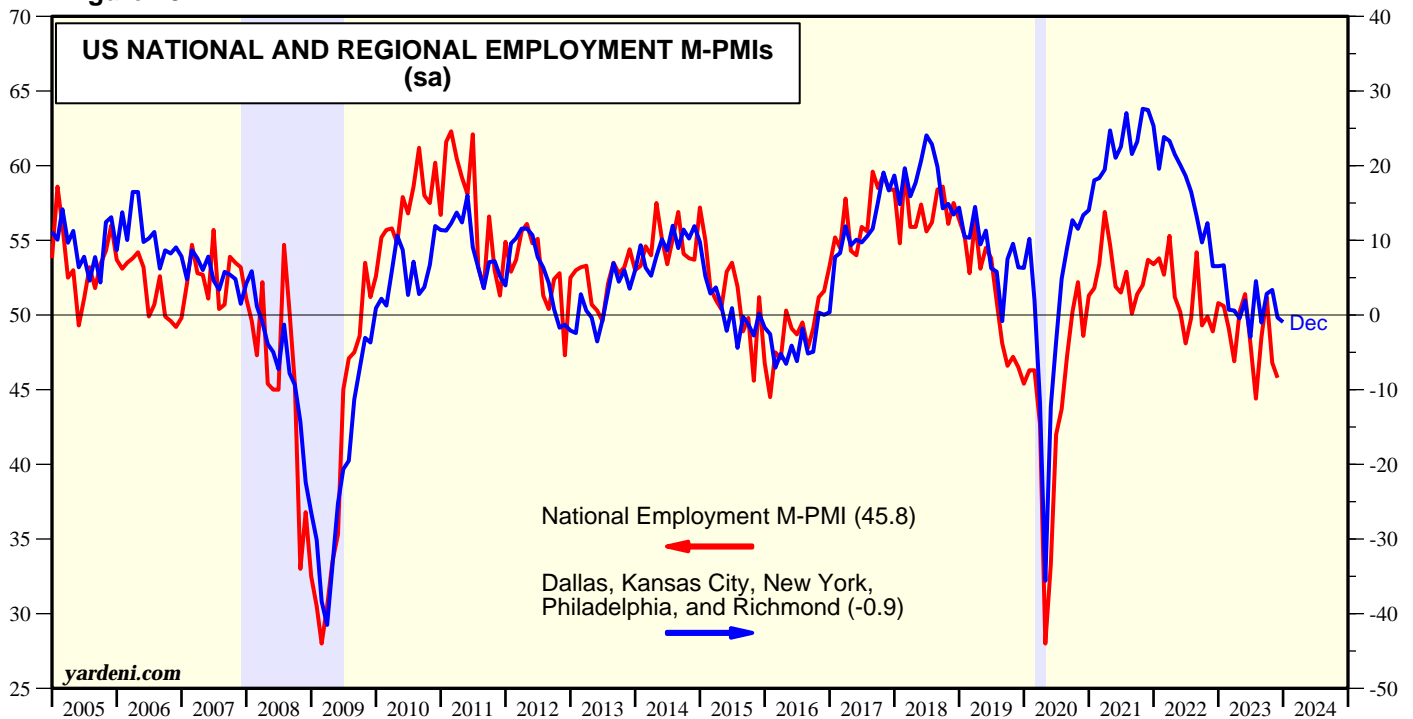
Regional Business Indexes

Figure 17.



* Average of new orders indexes for the following Fed districts: Dallas, Kansas City, New York, Philadelphia, and Richmond.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Dallas, Kansas City, New York, Philadelphia, and Richmond.

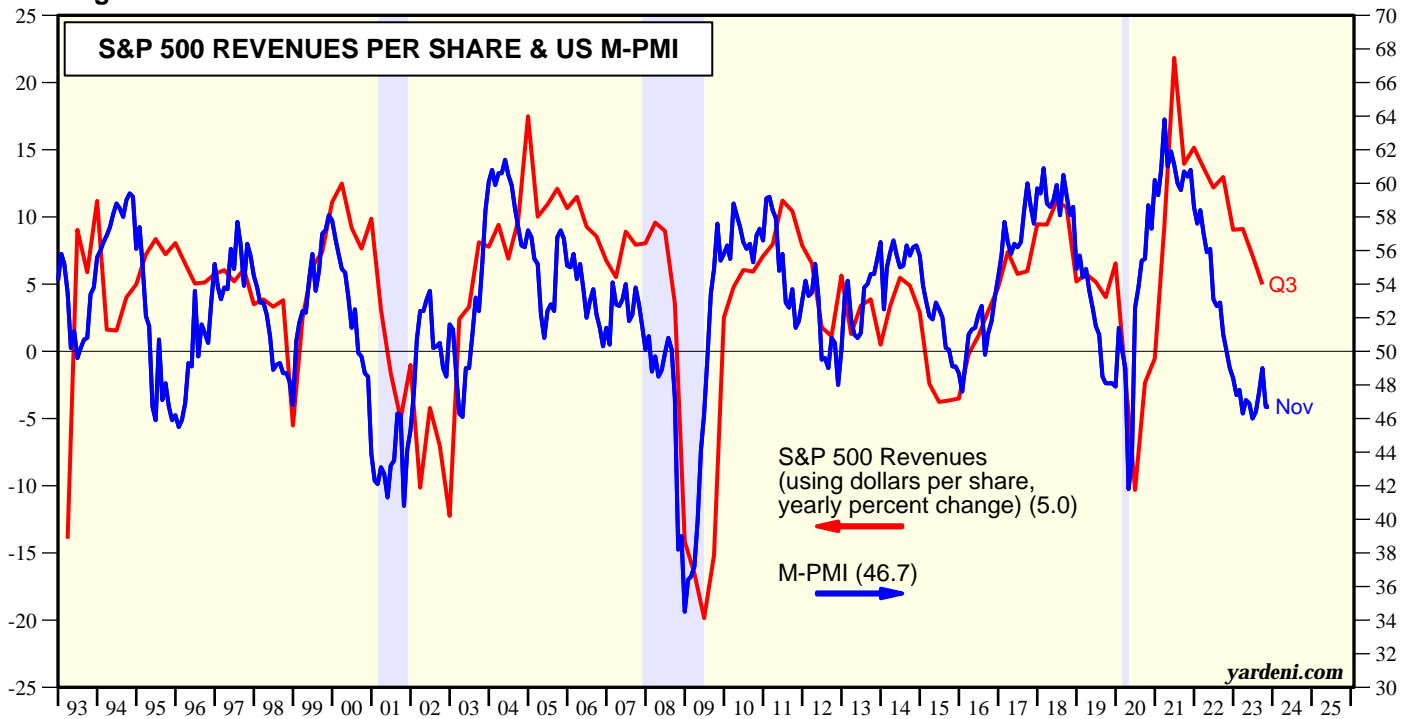
Figure 18.



Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Dallas, Kansas City, New York, Philadelphia, and Richmond and Institute for Supply Management.

Regional Business Indexes

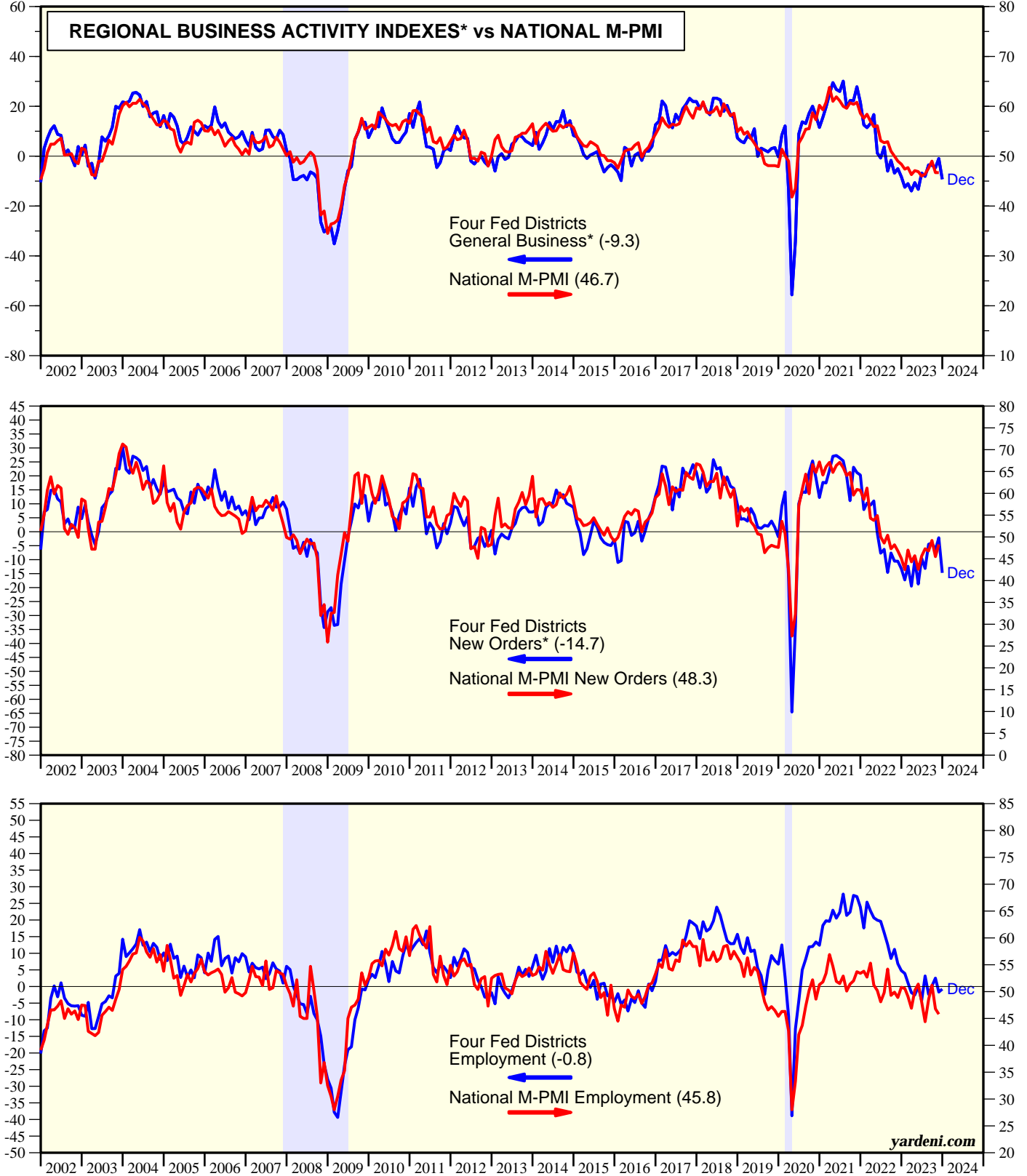
Figure 19.



Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Standard & Poor's and Institute for Supply Management.

Regional Business Indexes

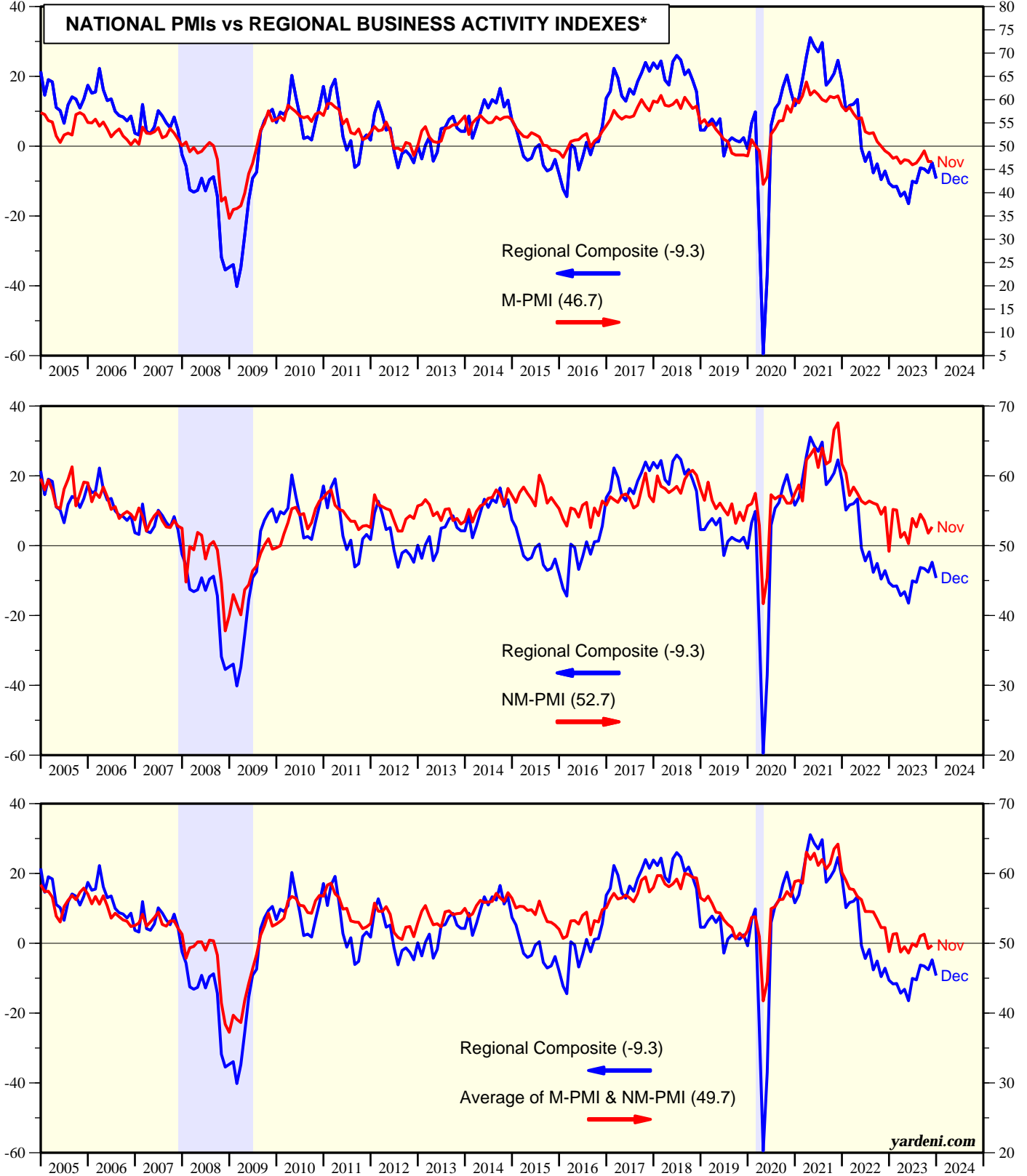
Figure 20.



*Average of New York, Kansas City, Richmond, and Philadelphia.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond and Institute for Supply Management.

Regional Business Indexes

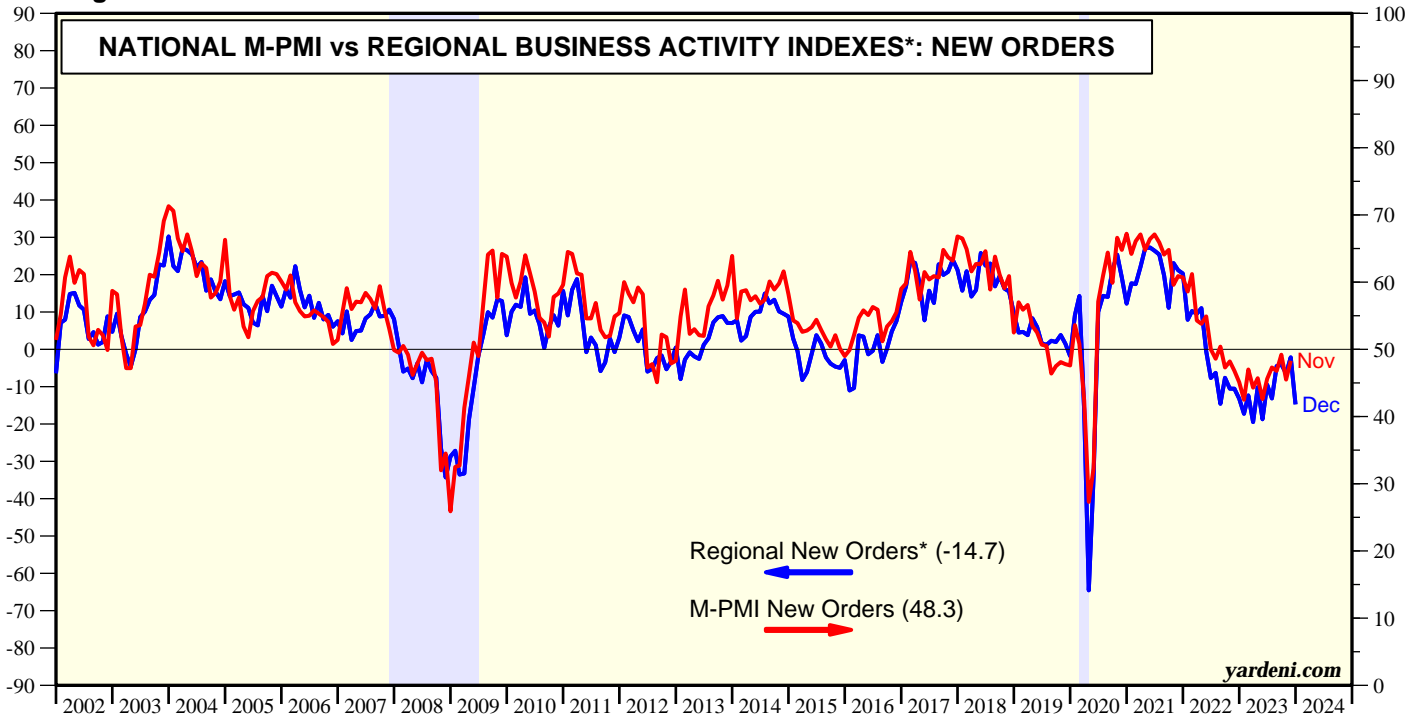
Figure 21.



*Average of Dallas, Kansas City, New York, Philadelphia, and Richmond.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Institute for Supply Management, Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, and Dallas.

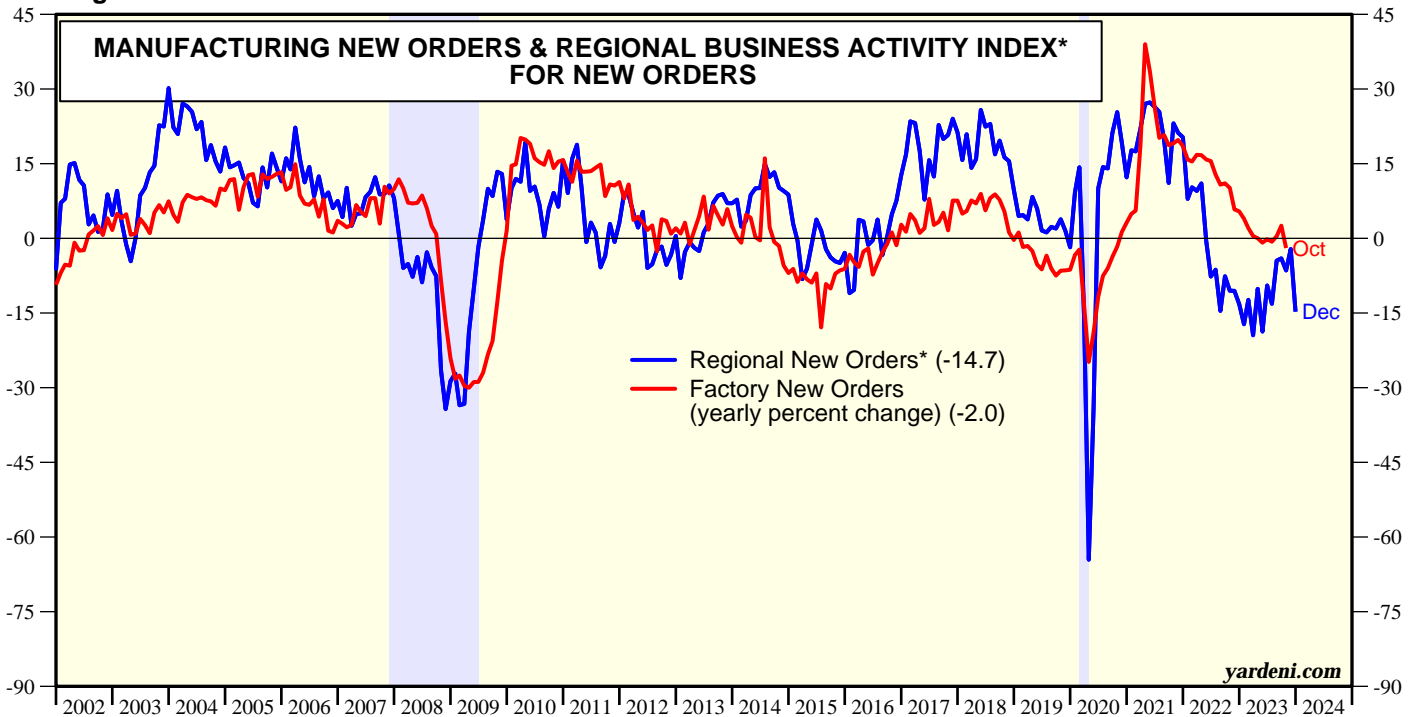
Regional Business Indexes

Figure 22.



* Average of New York, Kansas City, Richmond, and Philadelphia.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Institute for Supply Management, Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.

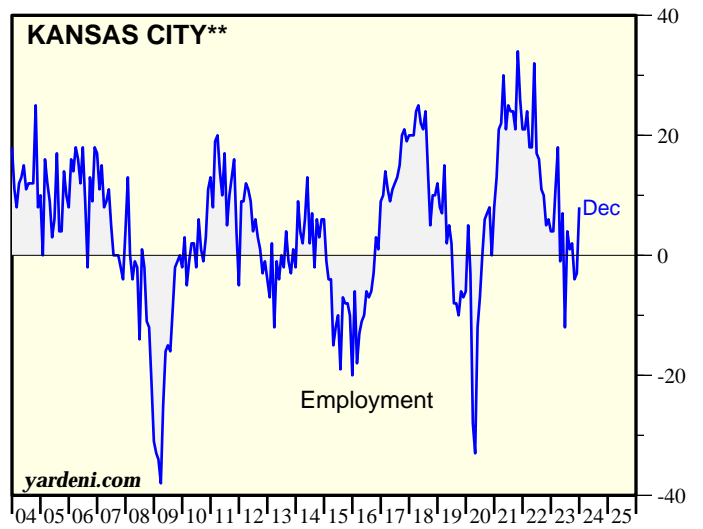
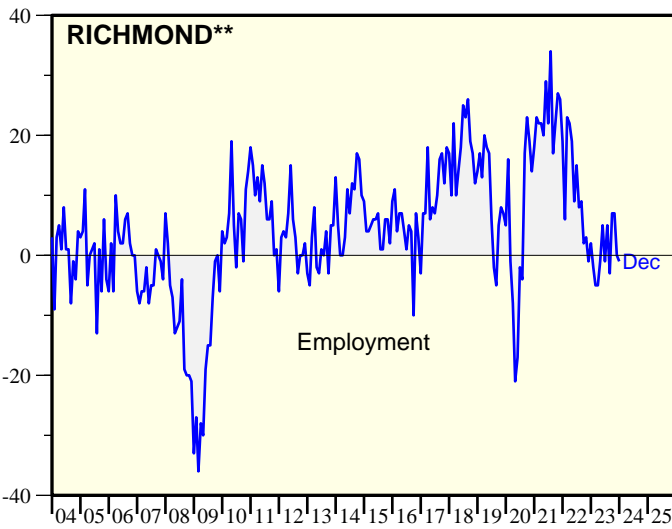
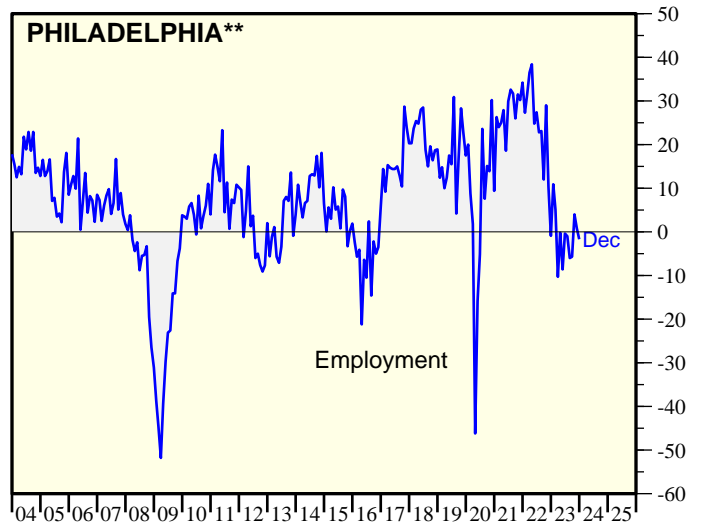
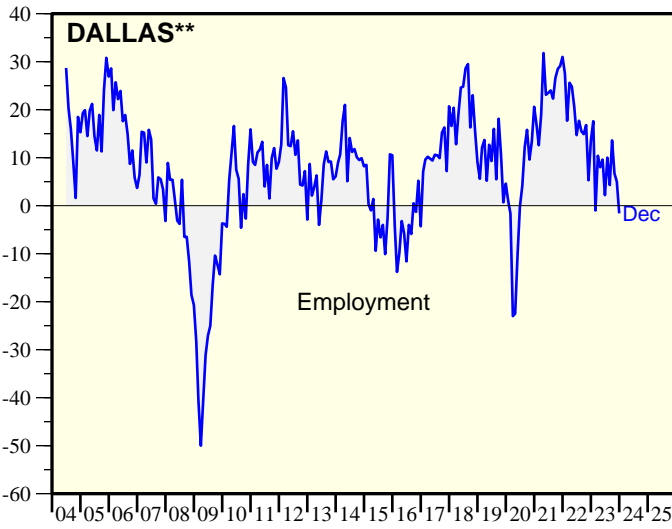
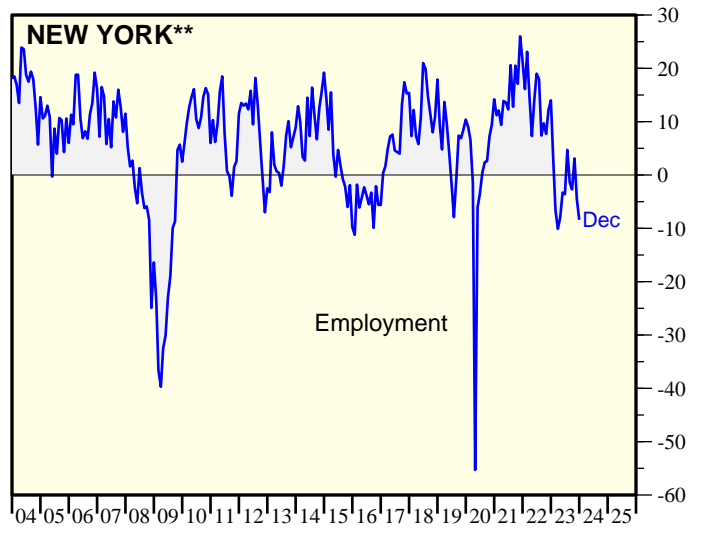
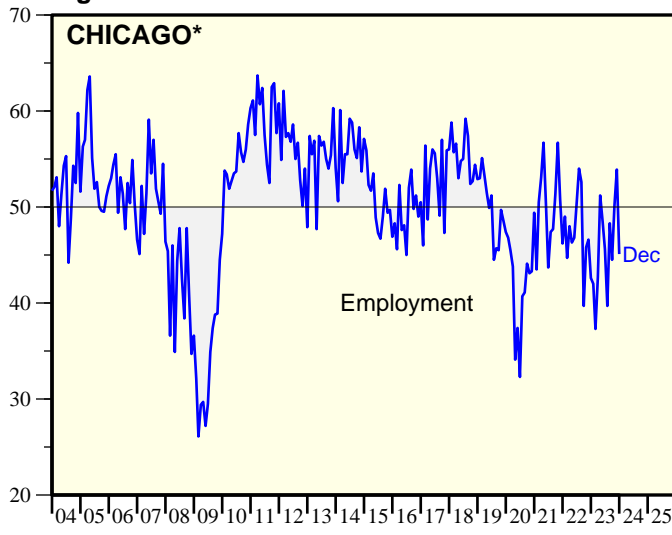
Figure 23.



* Average of New York, Kansas City, Richmond, and Philadelphia.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Census Bureau, Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond.

Regional Employment

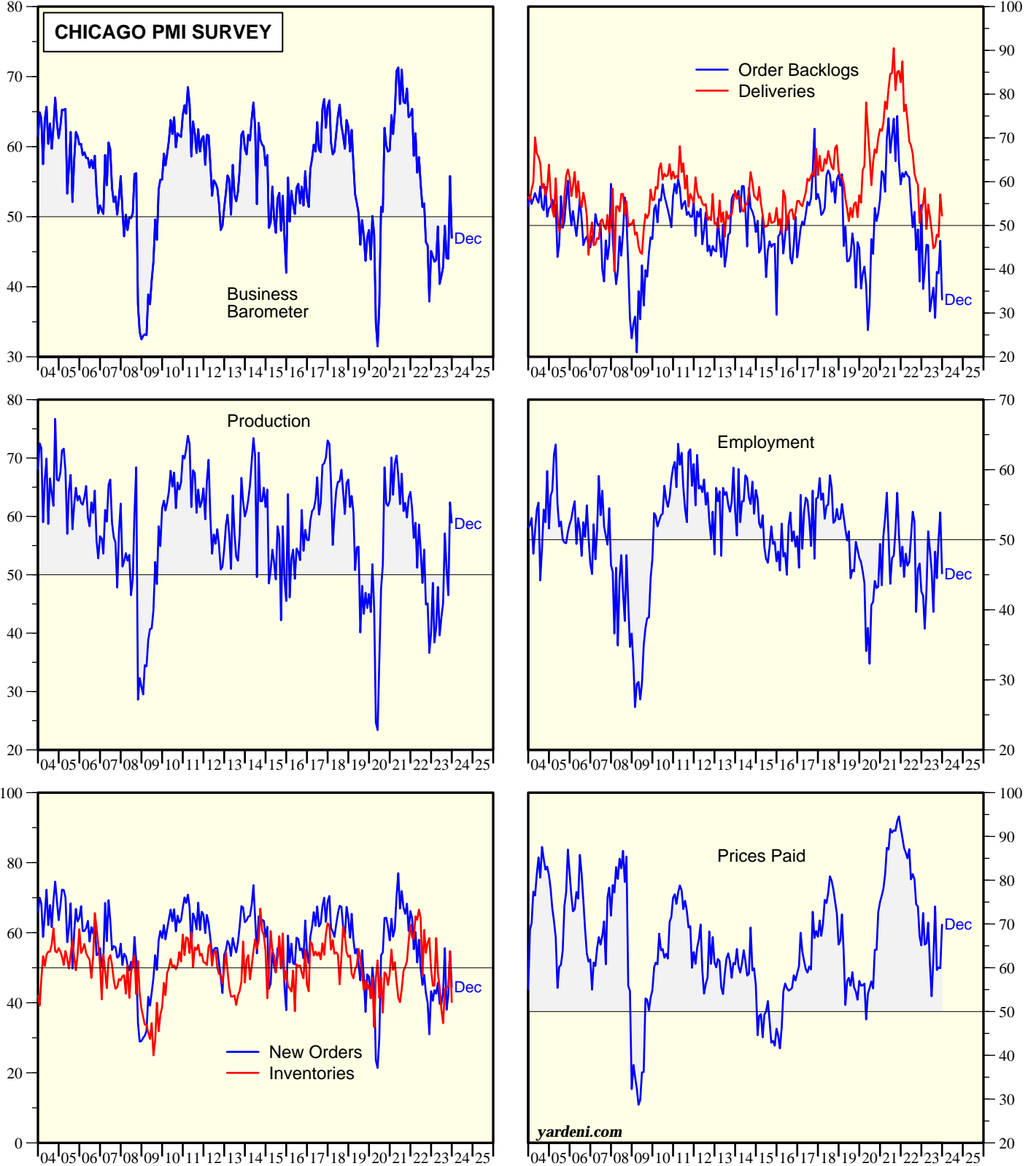
Figure 24.



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

Chicago PMI

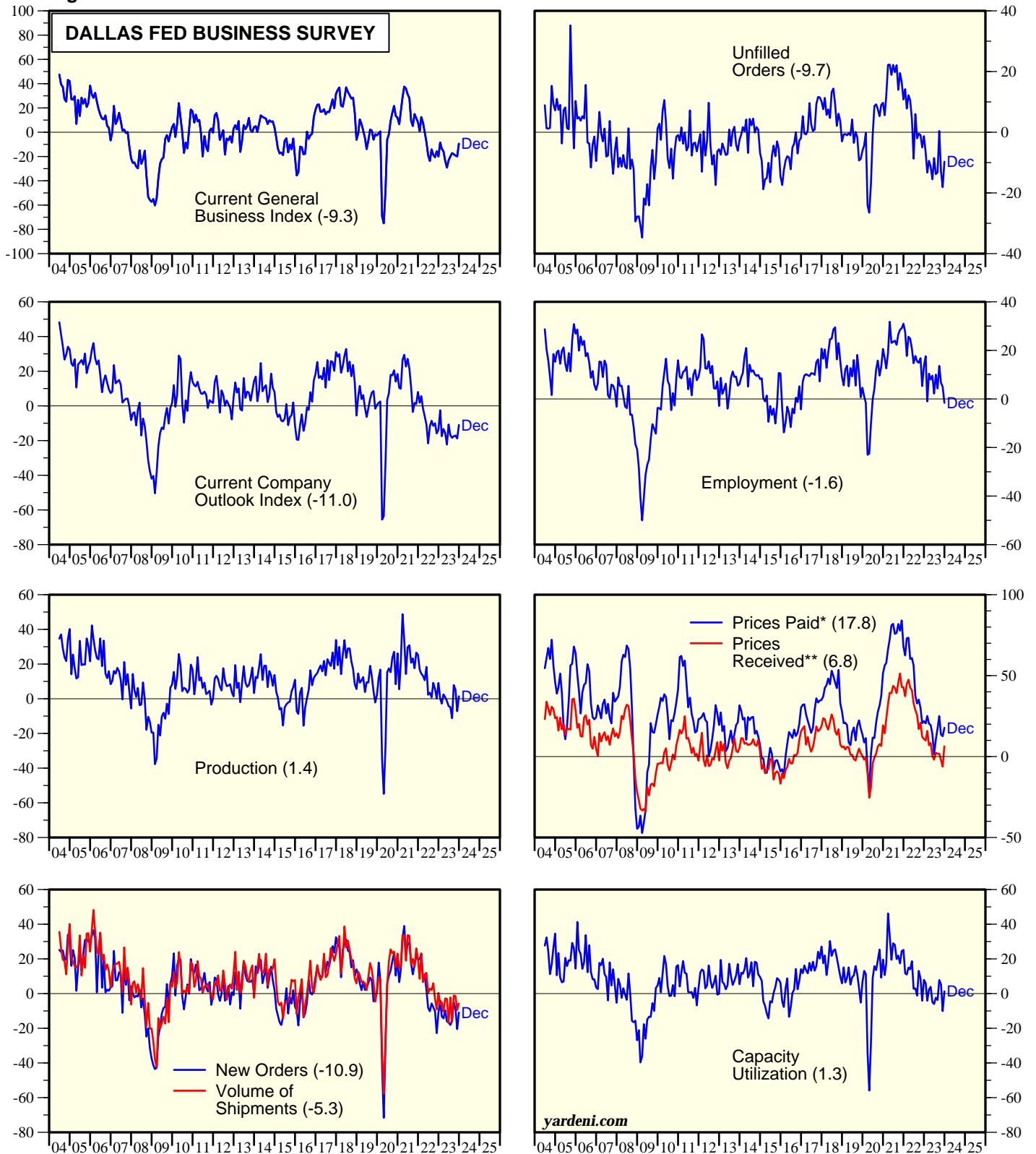
Figure 25.



Source: Haver Analytics.

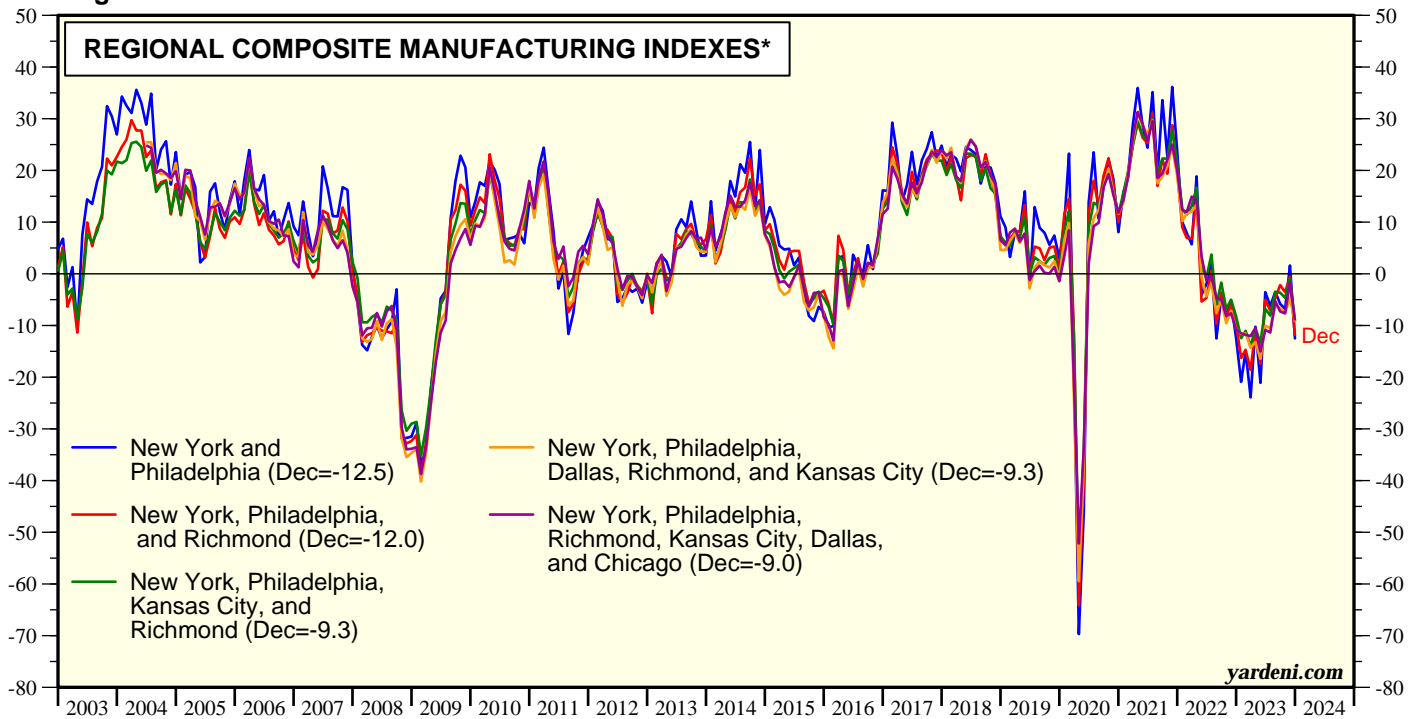
Dallas Fed Survey

Figure 26.



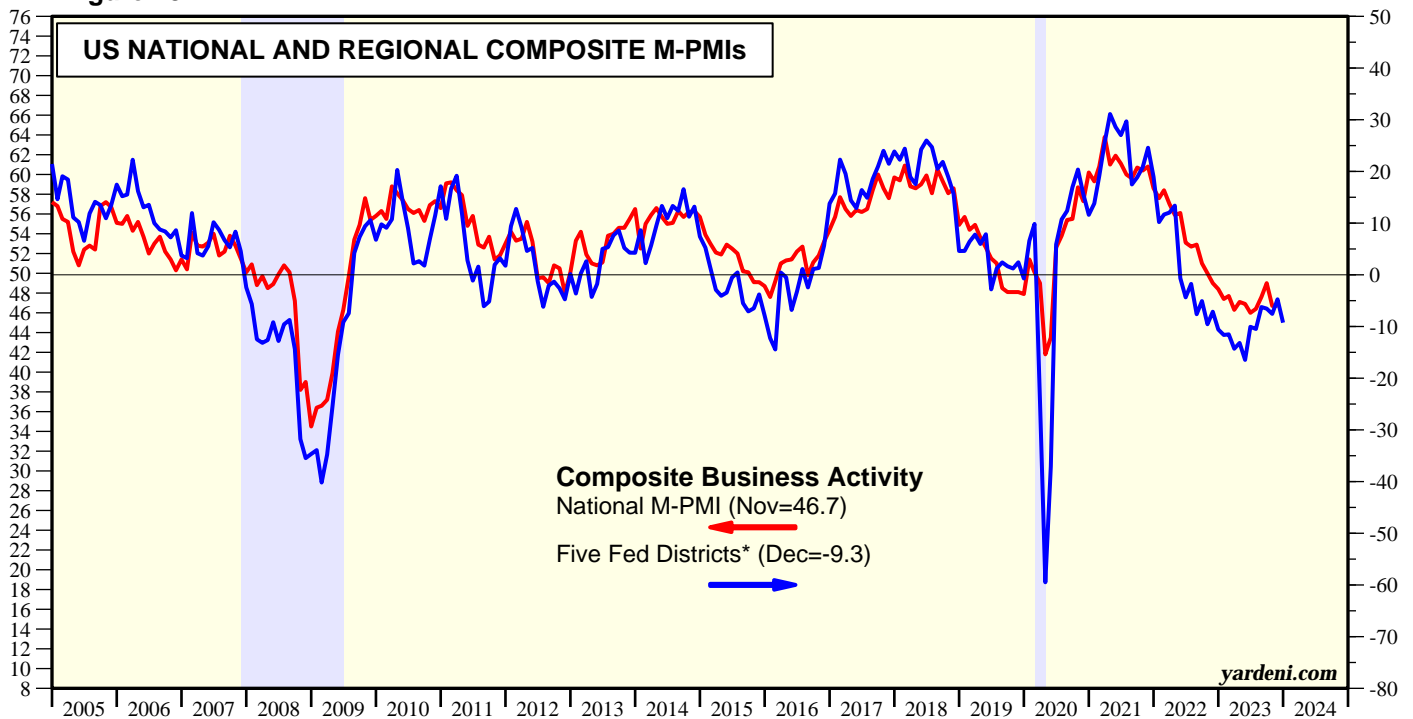
* Raw materials. ** Finished goods.
Source: Haver Analytics.

Figure 27.



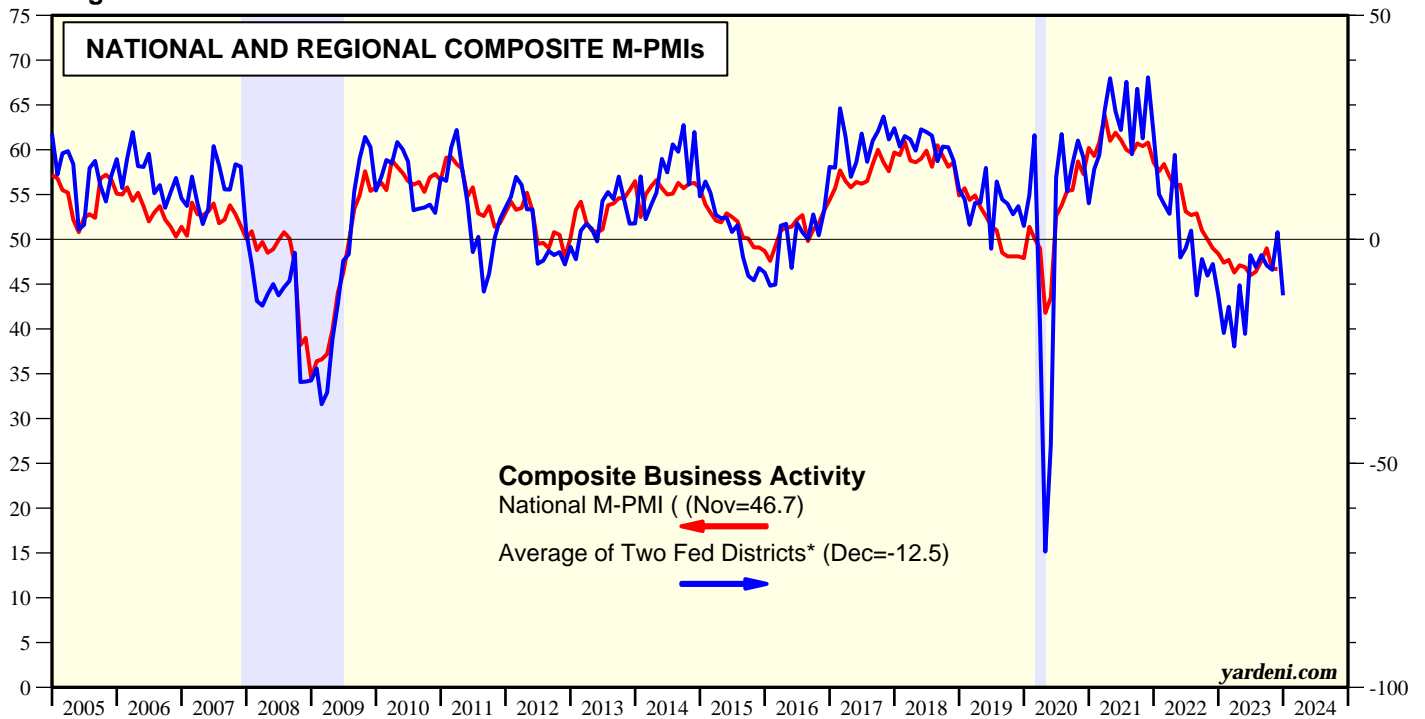
* Chicago contains both manufacturing and non-manufacturing firms with global operations.
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, Dallas, and Deutsche Borse Group.

Figure 28.



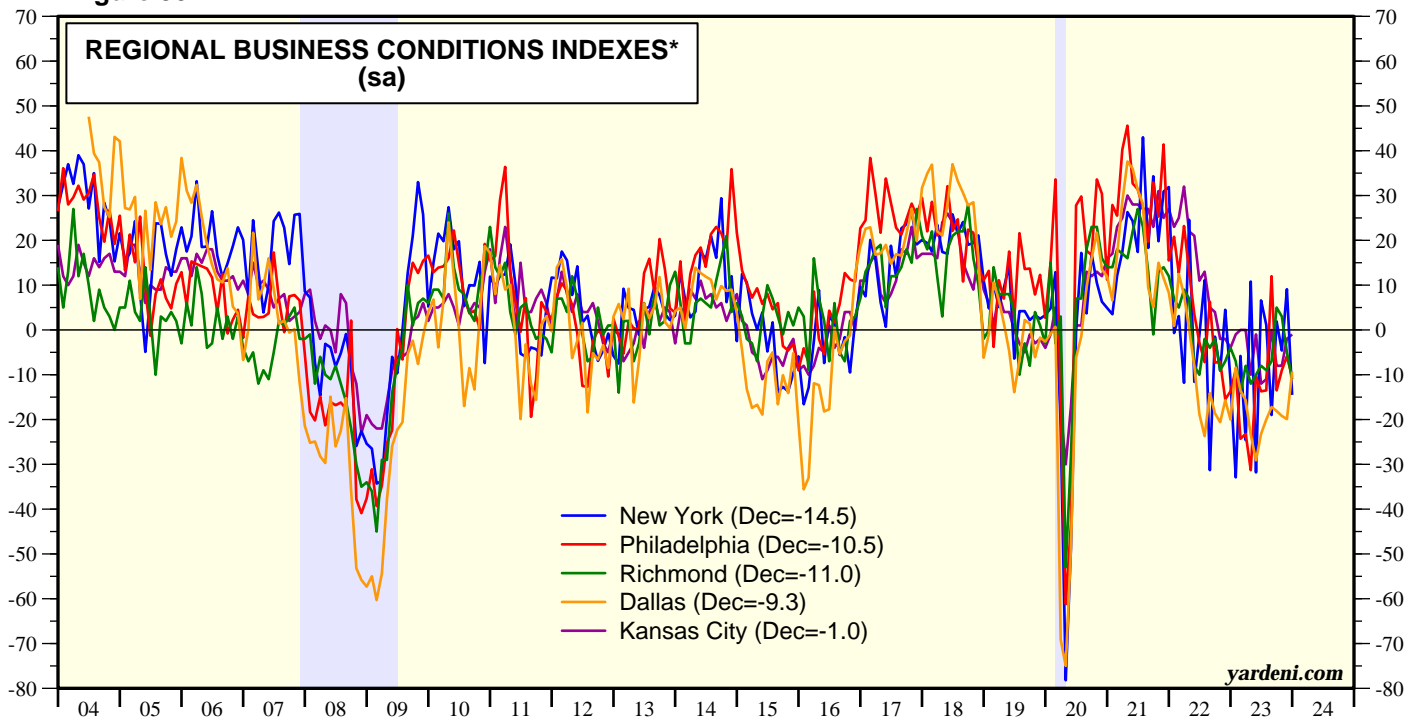
* Average of general business indexes for the following Fed districts: Dallas, Kansas City, New York, Philadelphia, and Richmond.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Institute for Supply Management and Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, and Dallas.

Figure 29.



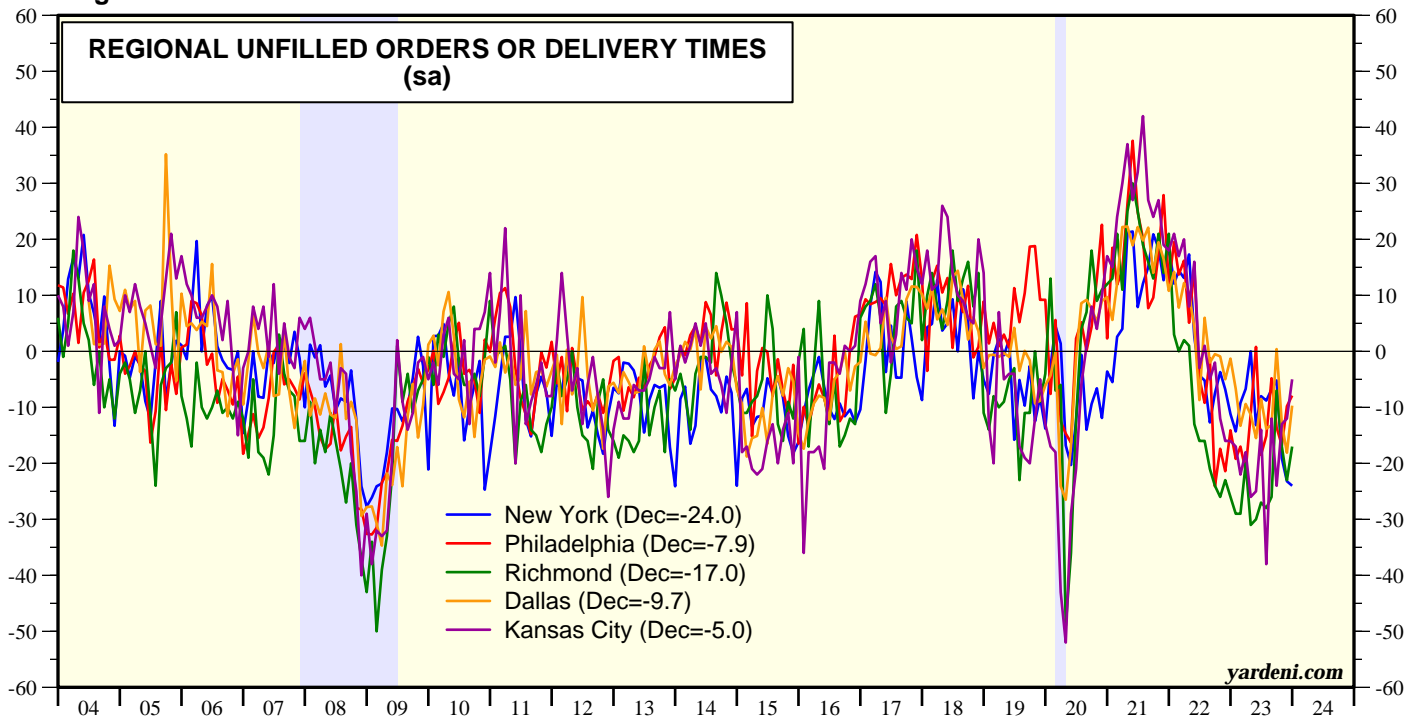
* New York and Philadelphia districts.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of New York and Philadelphia and Institute for Supply Management.

Figure 30.



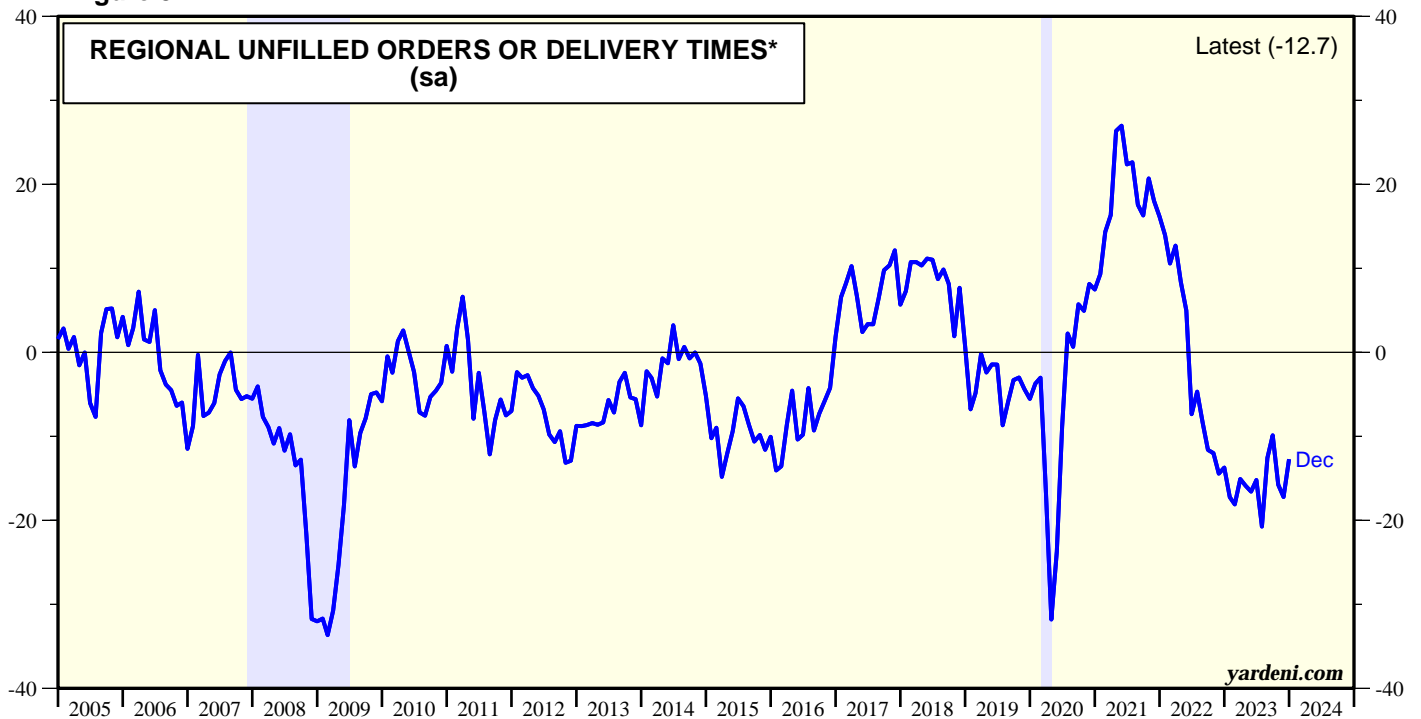
* Regional Fed Survey.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Haver Analytics.

Figure 31.



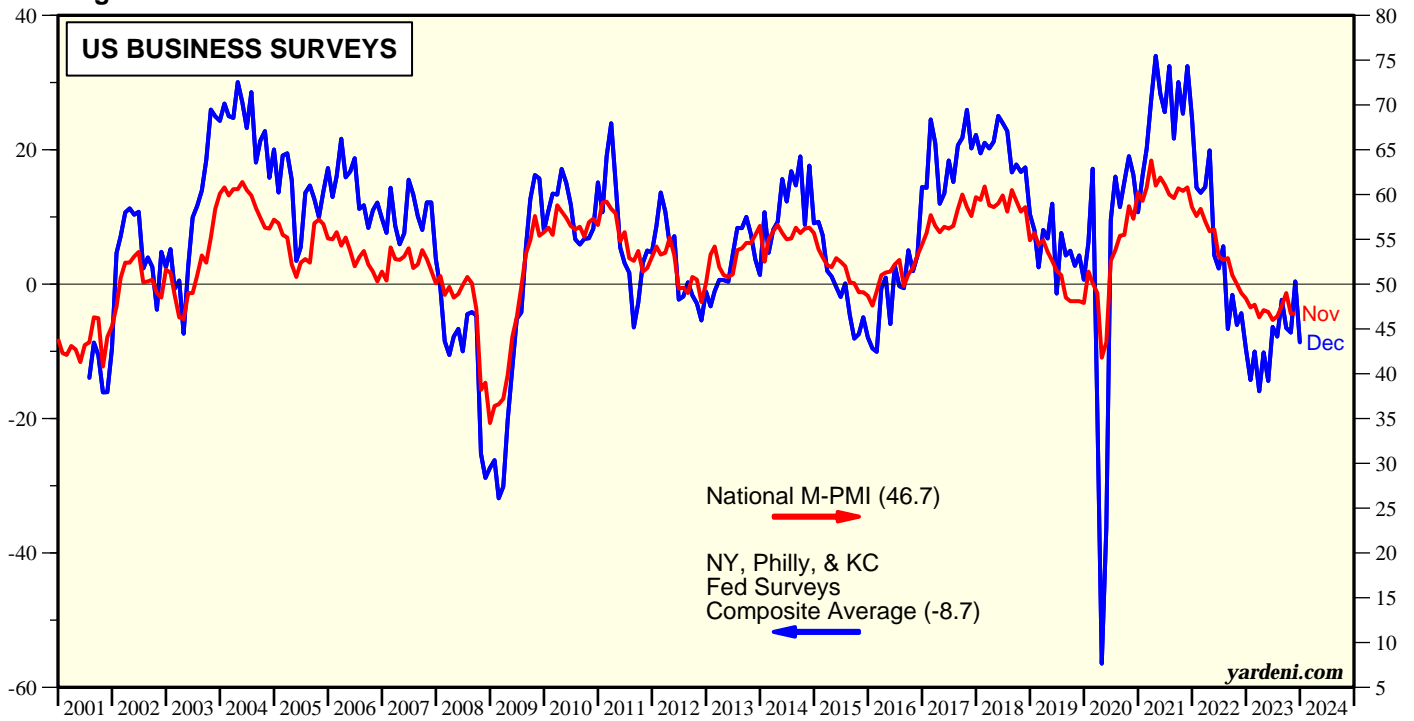
* Regional Fed Survey.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Haver Analytics.

Figure 32.



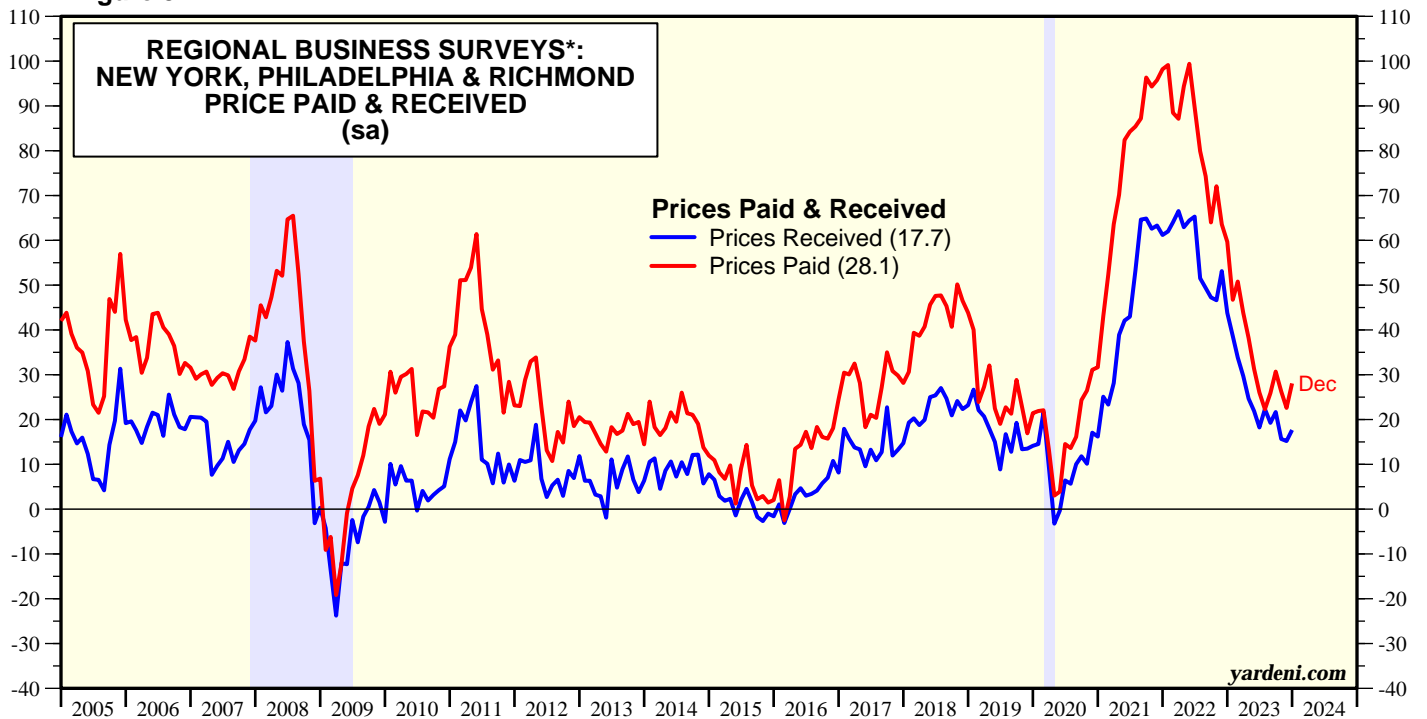
* Average of New York, Philadelphia, Richmond, Dallas, and Kansas City.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Haver Analytics.

Figure 33.



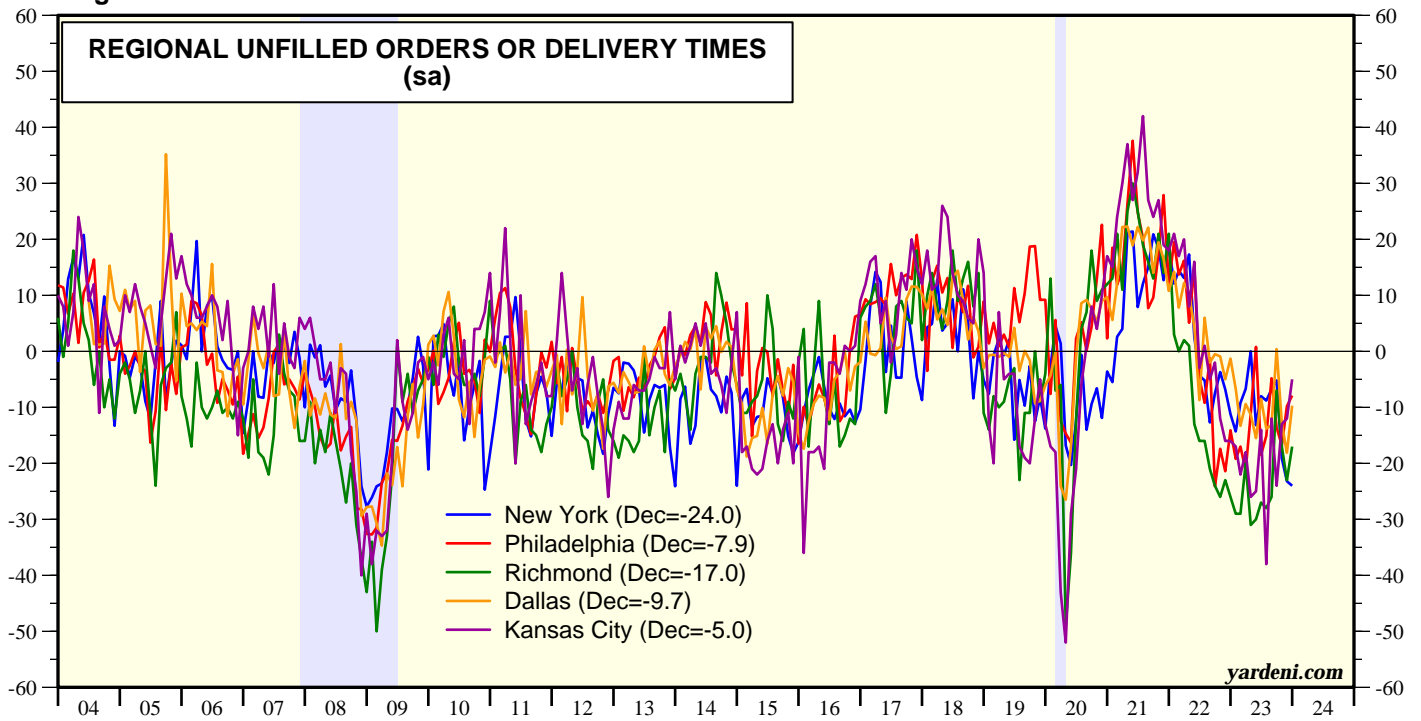
Source: Institute for Supply Management and Federal Reserve Banks of New York, Philadelphia, and Kansas City.

Figure 34.



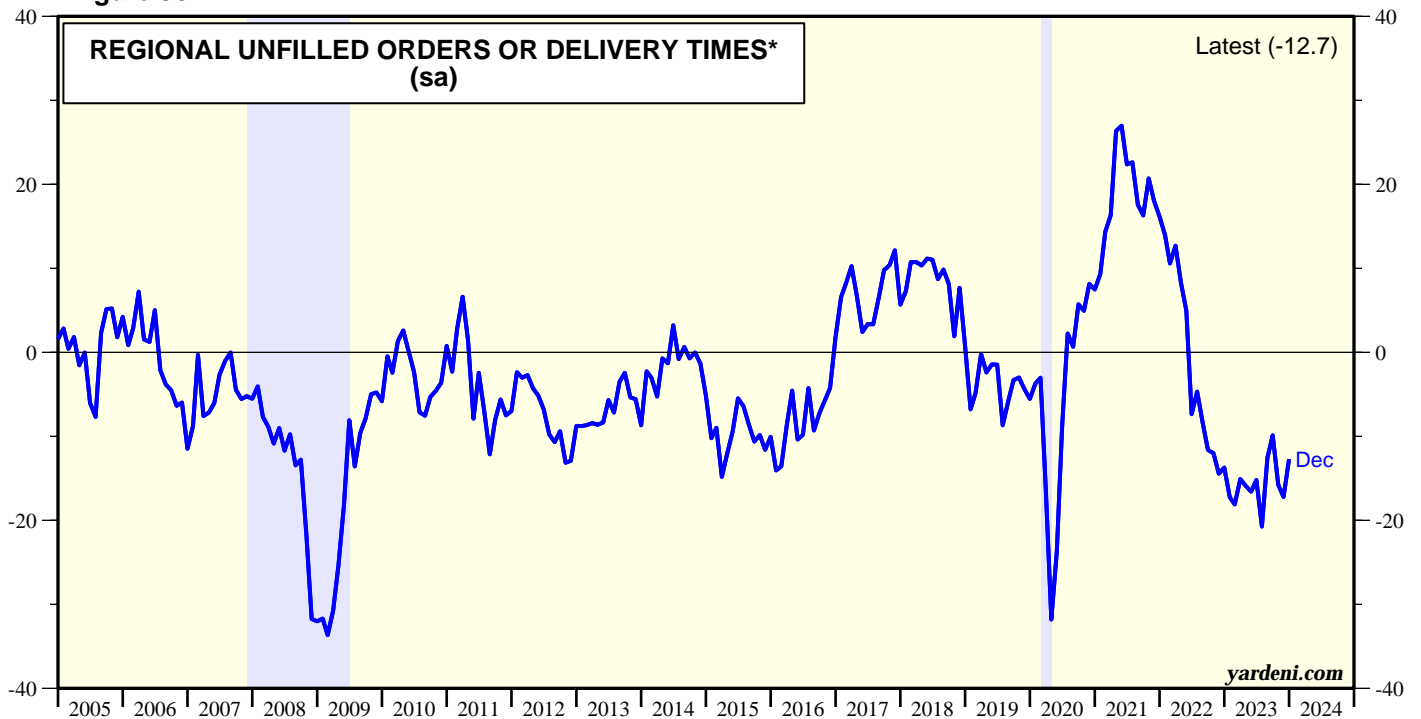
* Average of prices paid and received in surveys conducted by New York, Philadelphia, and Richmond Fed district banks.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of New York, Philadelphia, and Richmond.

Figure 35.



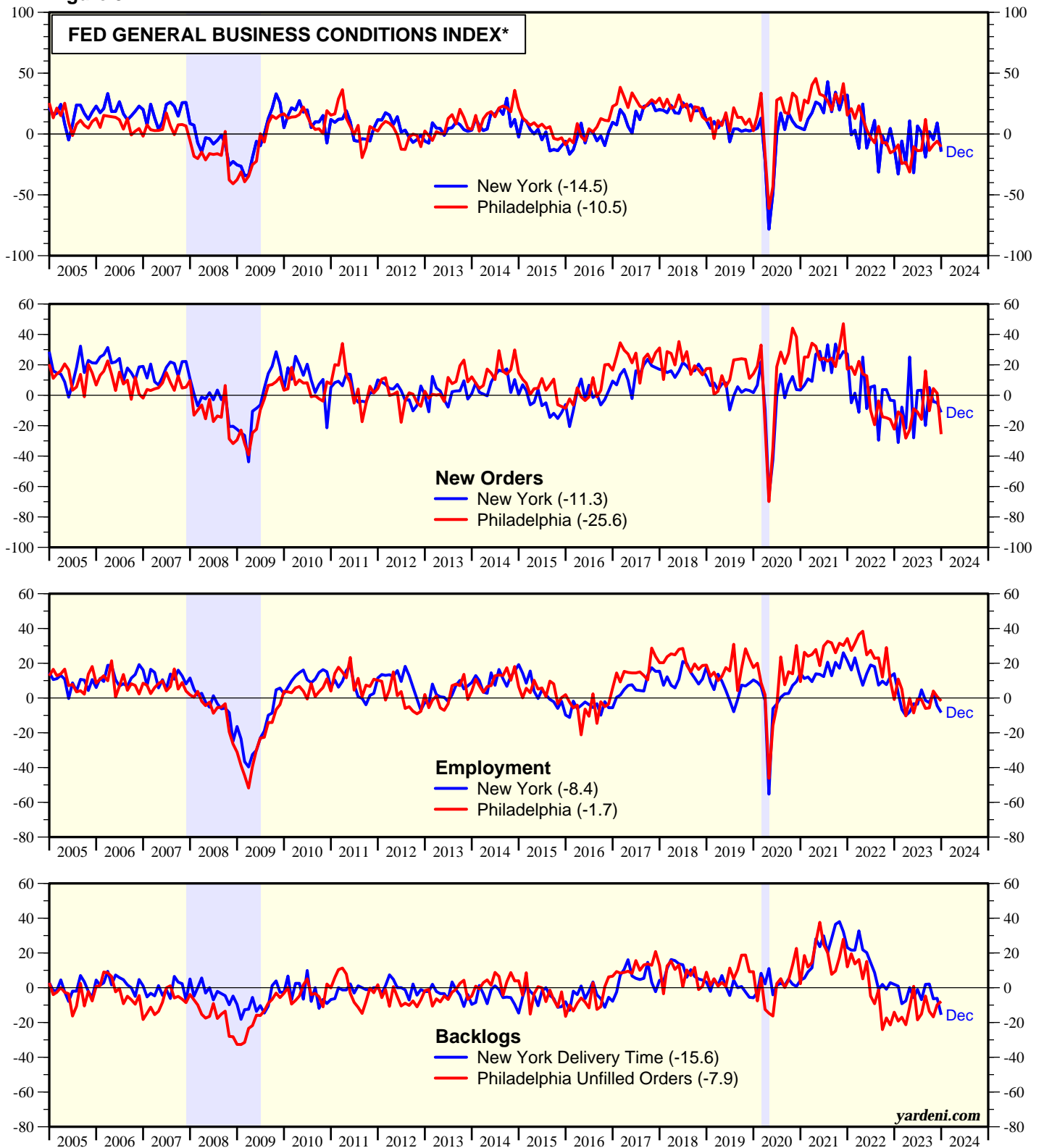
* Regional Fed Survey.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Haver Analytics.

Figure 36.



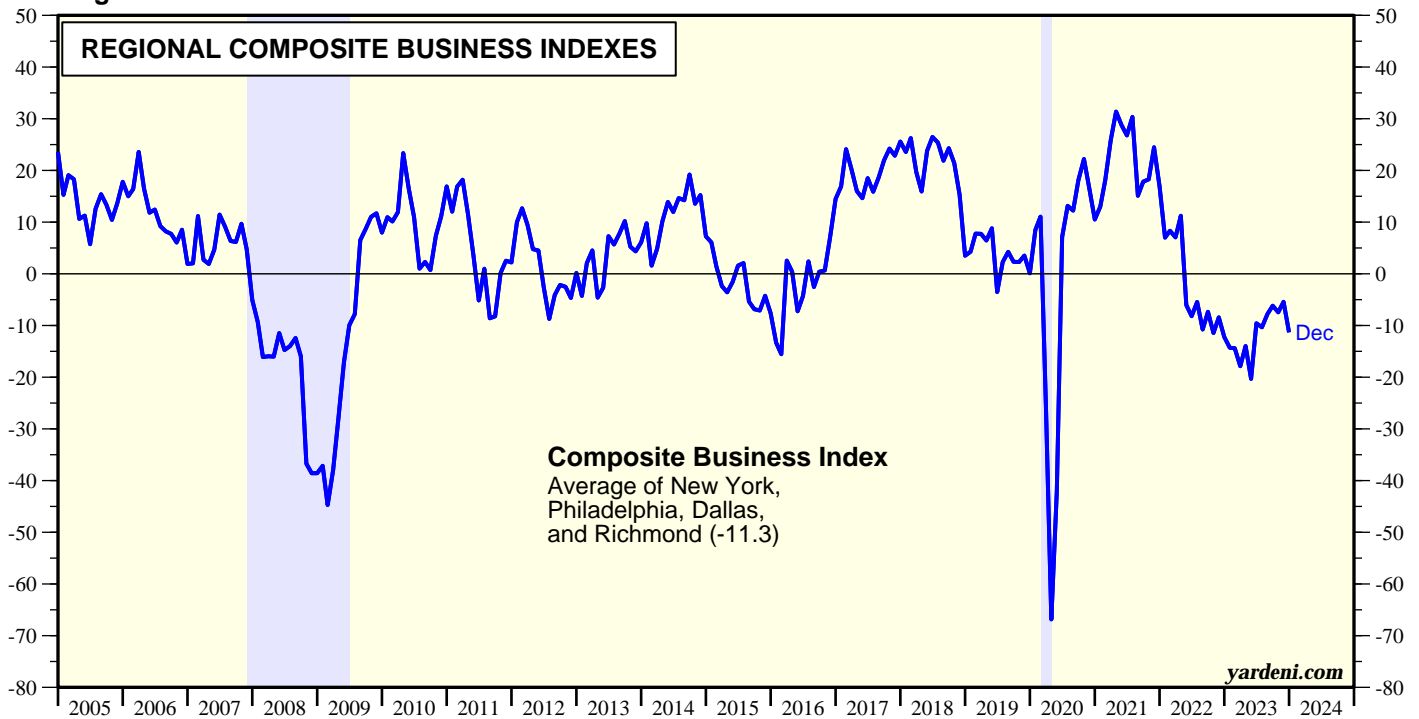
* Average of New York, Philadelphia, Richmond, Dallas, and Kansas City.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Haver Analytics.

Figure 37.



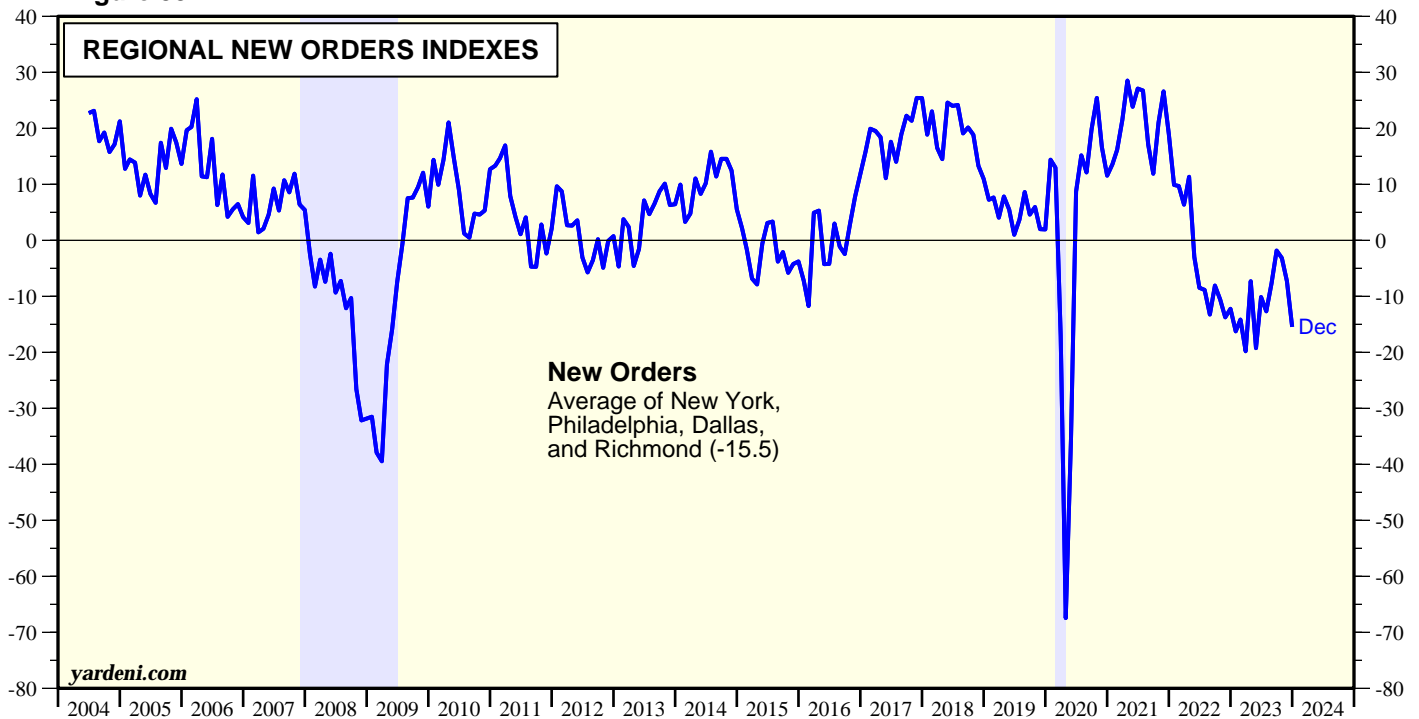
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of New York and Philadelphia.

Figure 38.



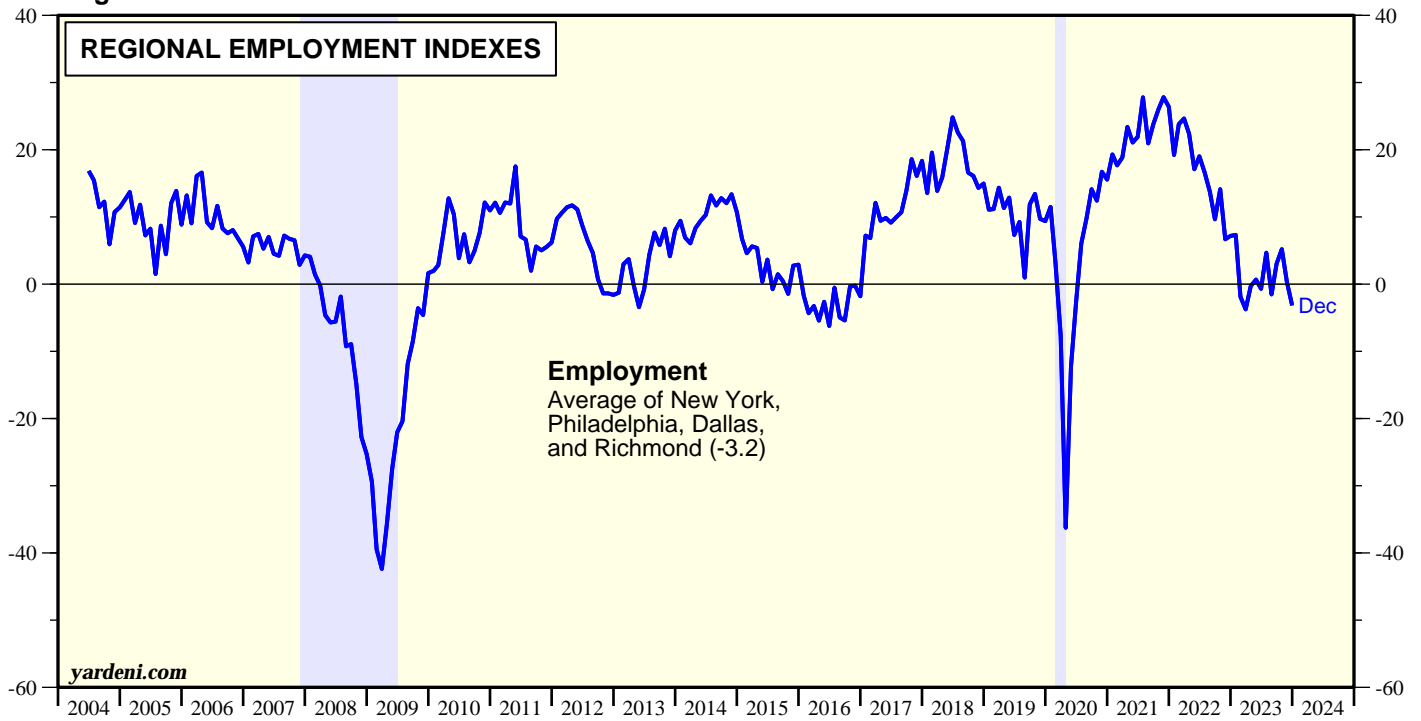
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Banks of New York, Philadelphia, Richmond, and Dallas.

Figure 39.



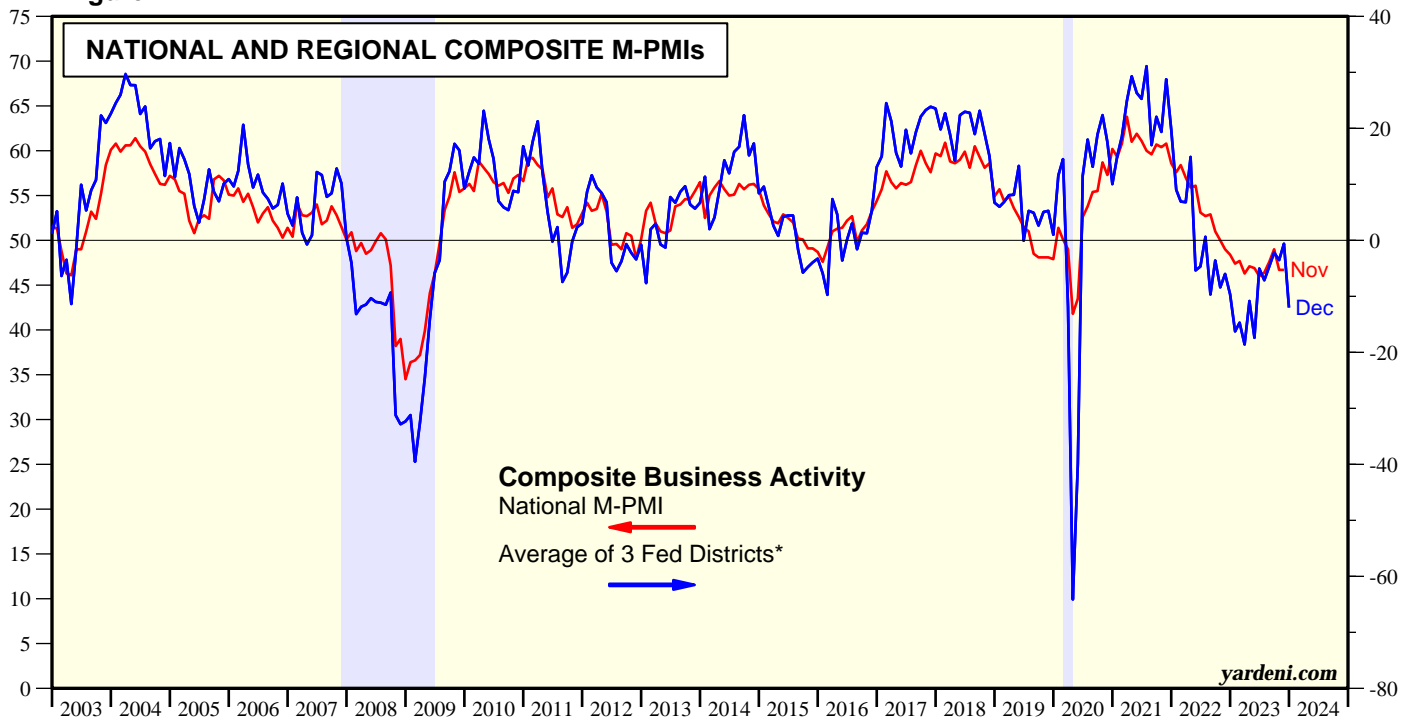
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Banks of New York, Philadelphia, Richmond, and Dallas.

Figure 40.



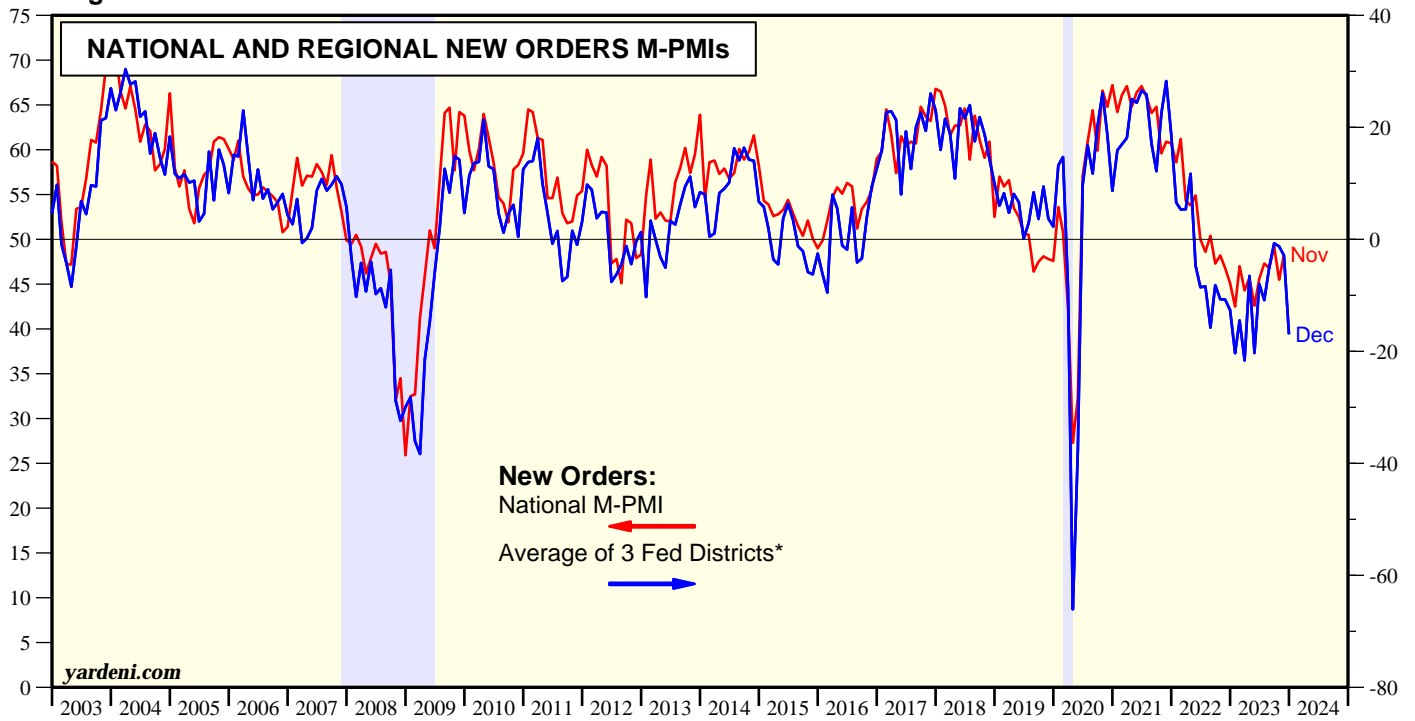
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Banks of New York, Philadelphia, Richmond, and Dallas.

Figure 41.



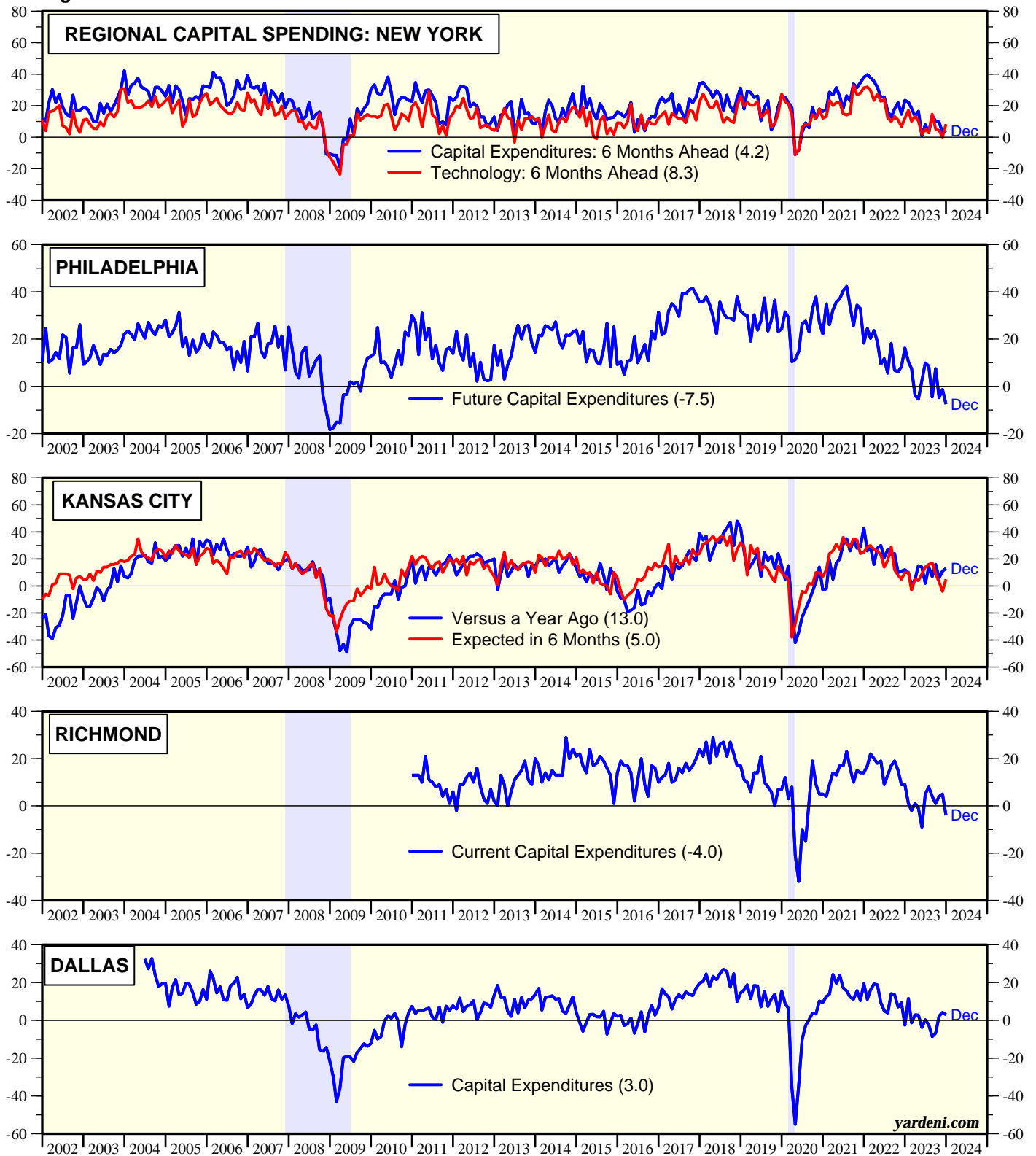
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Banks of New York, Philadelphia and Richmond.

Figure 42.



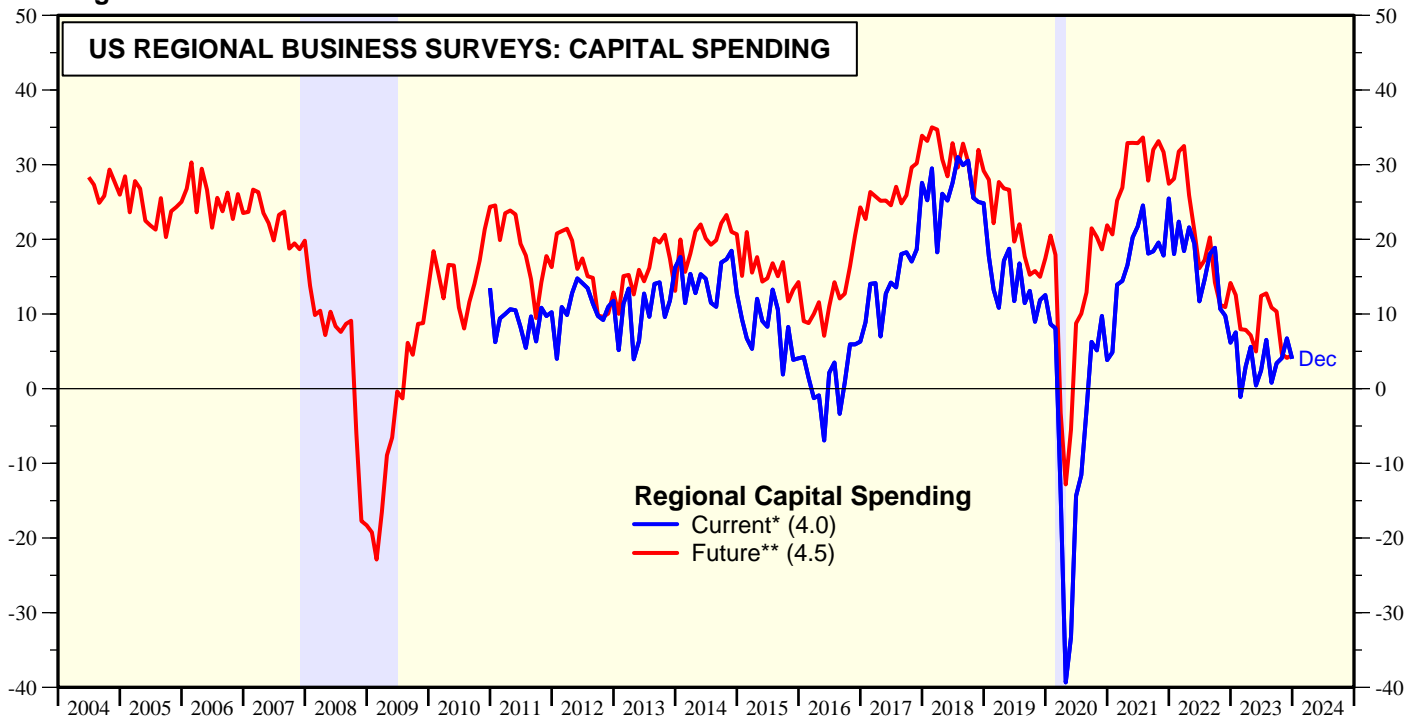
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Banks of New York, Philadelphia, and Richmond.

Figure 43.



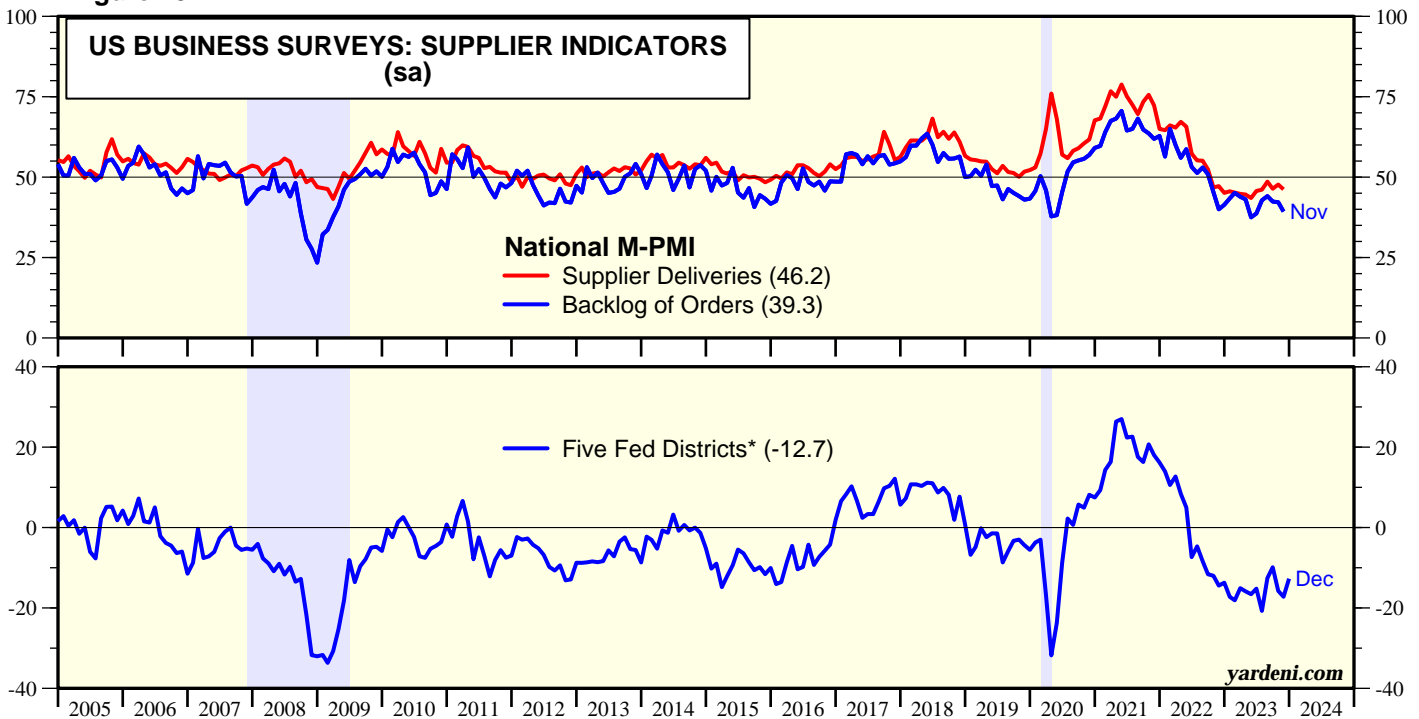
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, and Dallas.

Figure 44.



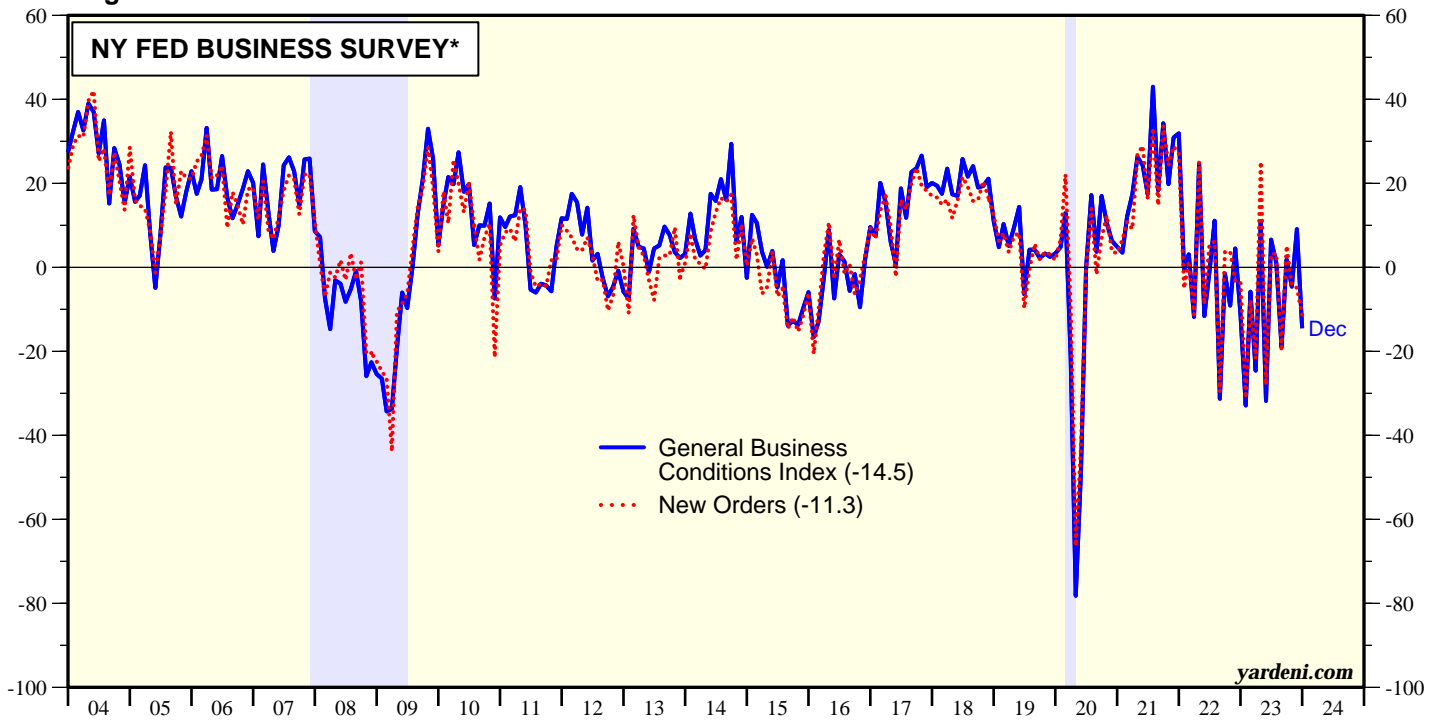
* Average for the following Fed districts: Dallas, Kansas City, and Richmond.
 ** Average for the following Fed districts: Dallas, Kansas City, Richmond, New York, and Philadelphia.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, Richmond, and Dallas.

Figure 45.



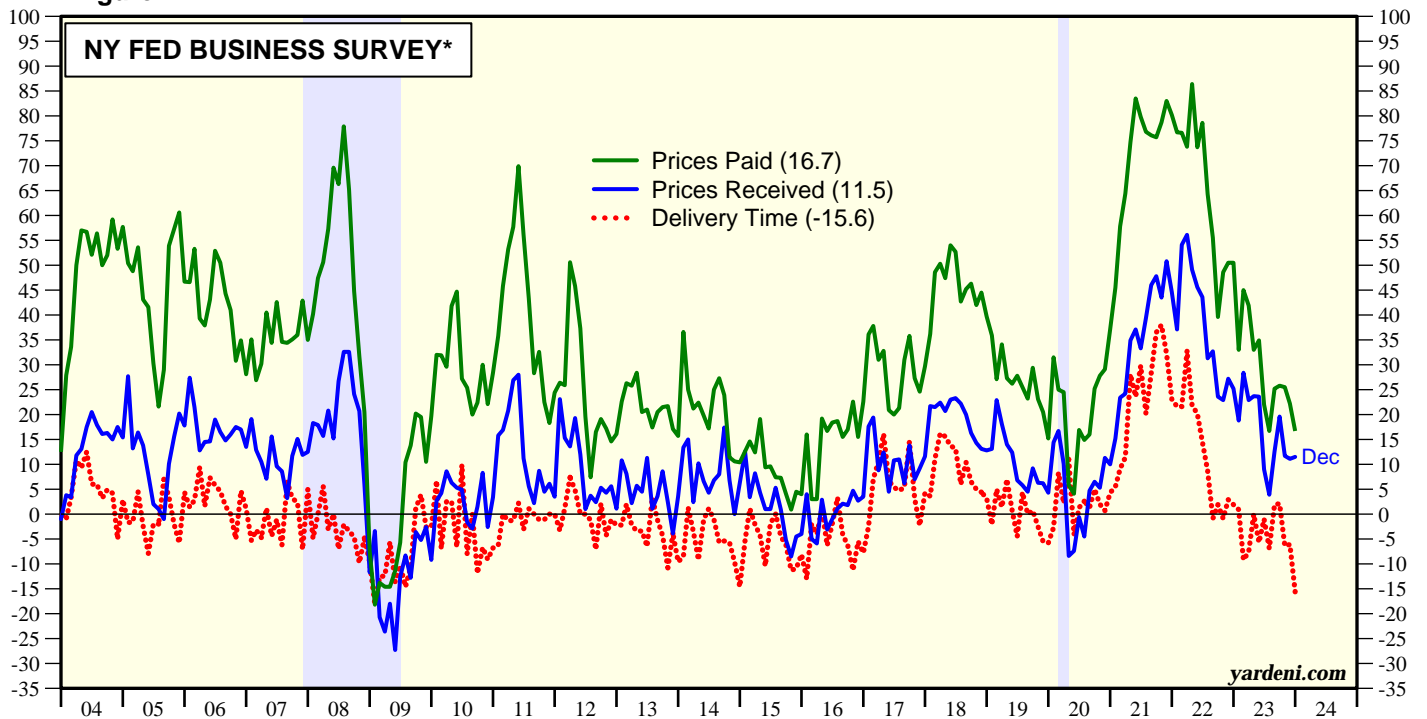
* Average of unfilled orders or delivery times for the following Fed districts: New York, Philadelphia, Richmond, Dallas, and Kansas City.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Haver Analytics.

Figure 46.



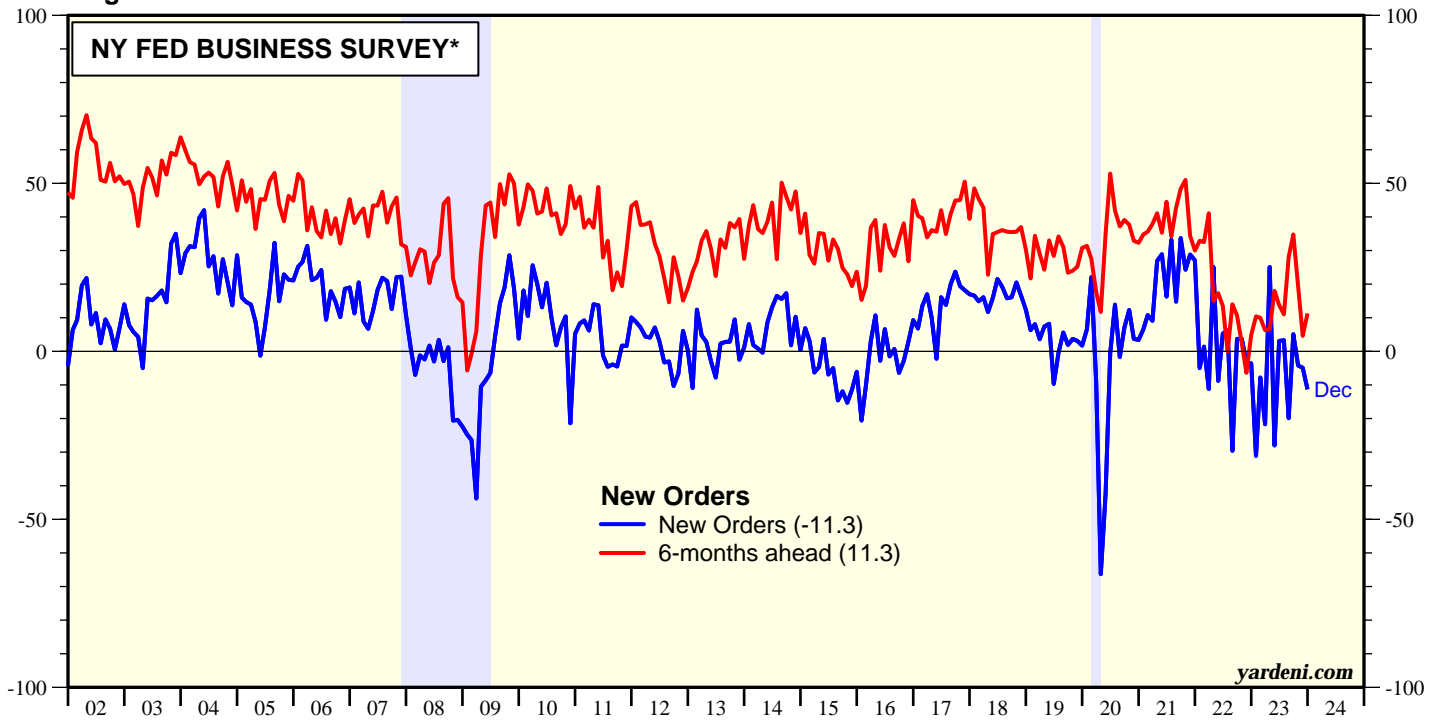
* Diffusion indexes.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Bank of New York.

Figure 47.



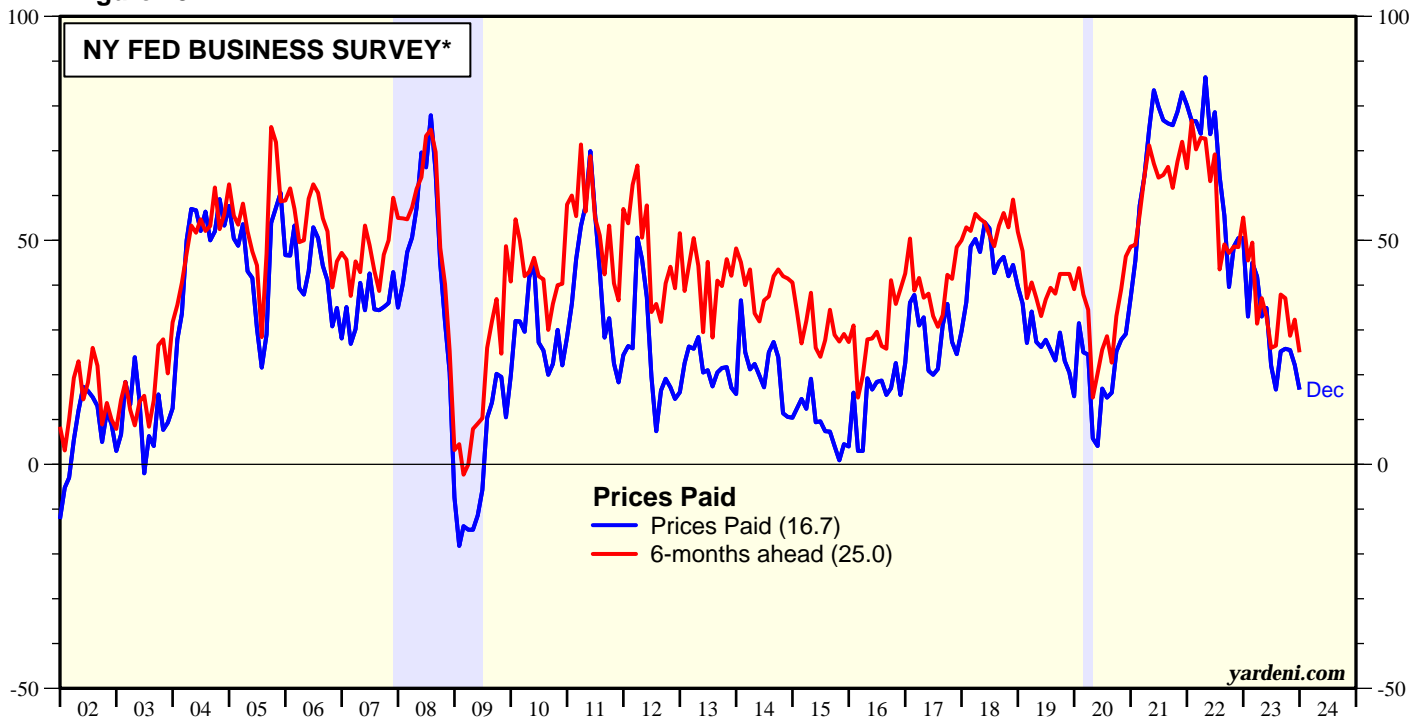
* Diffusion indexes.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Bank of New York.

Figure 48.



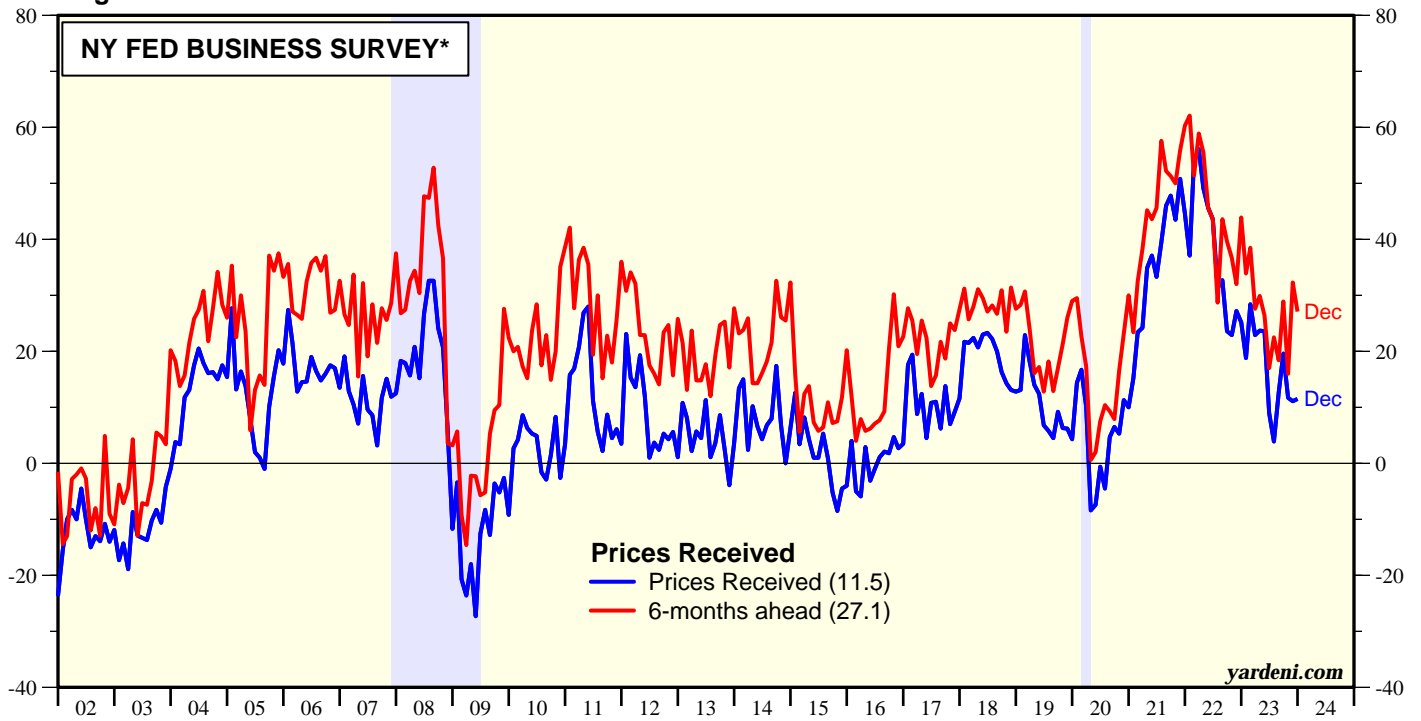
* Diffusion indexes.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Bank of New York.

Figure 49.



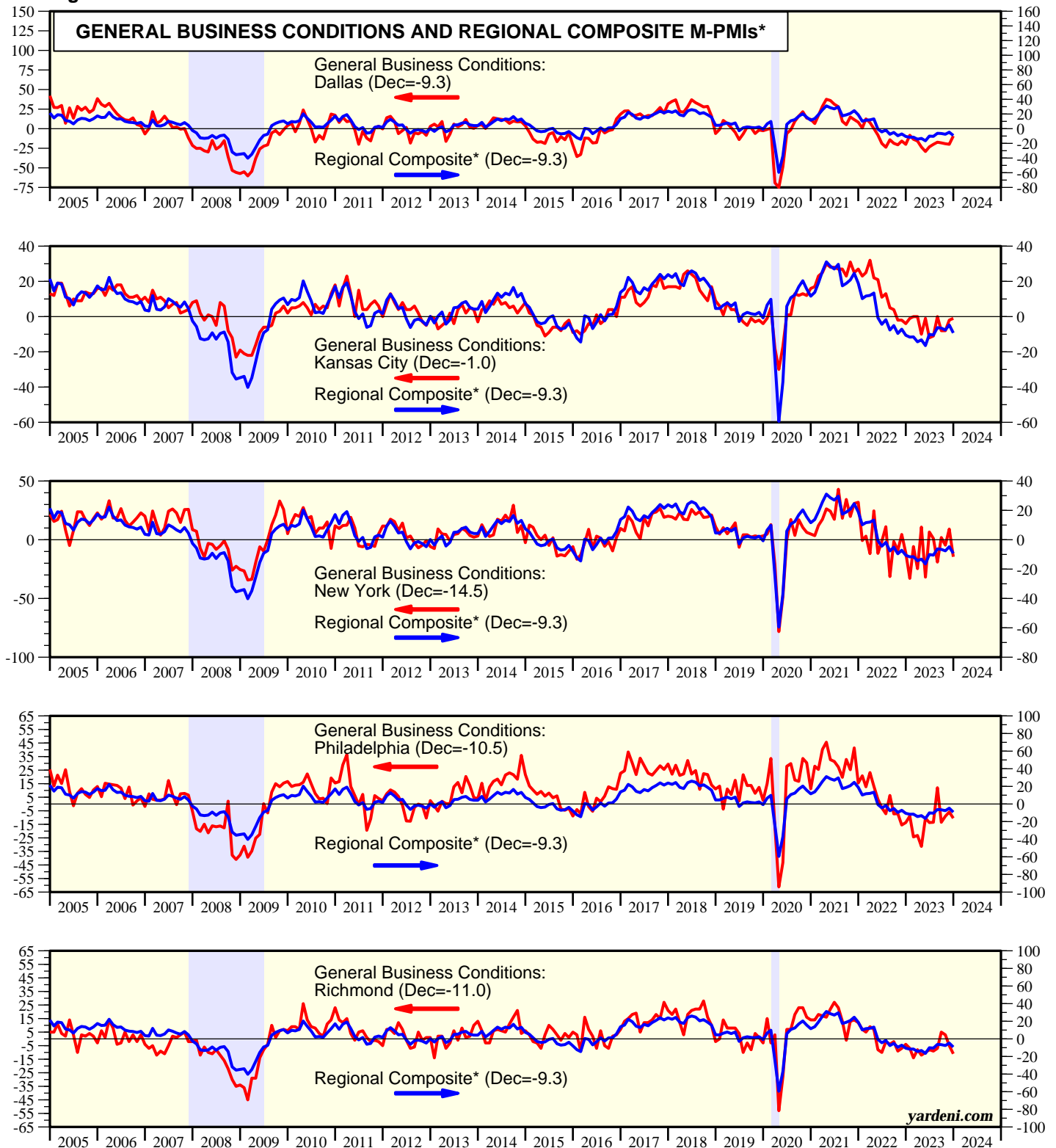
* Diffusion indexes.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Bank of New York.

Figure 50.



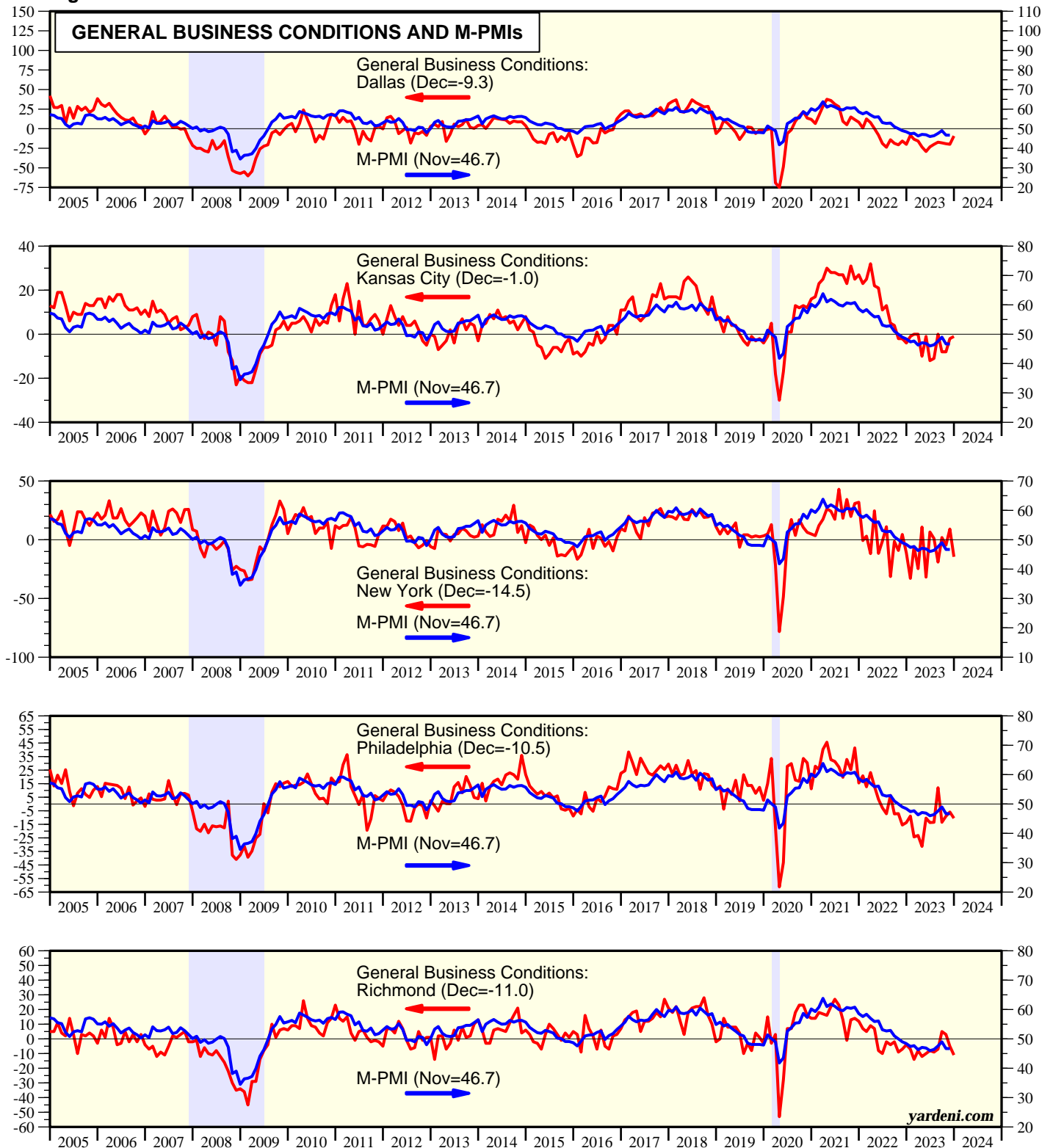
* Diffusion indexes.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Bank of New York.

Figure 51.



*Average of Dallas, Kansas City, New York, Philadelphia, and Richmond.
 Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Dallas, Kansas City, New York, Philadelphia, and Richmond and Institute for Supply Management.

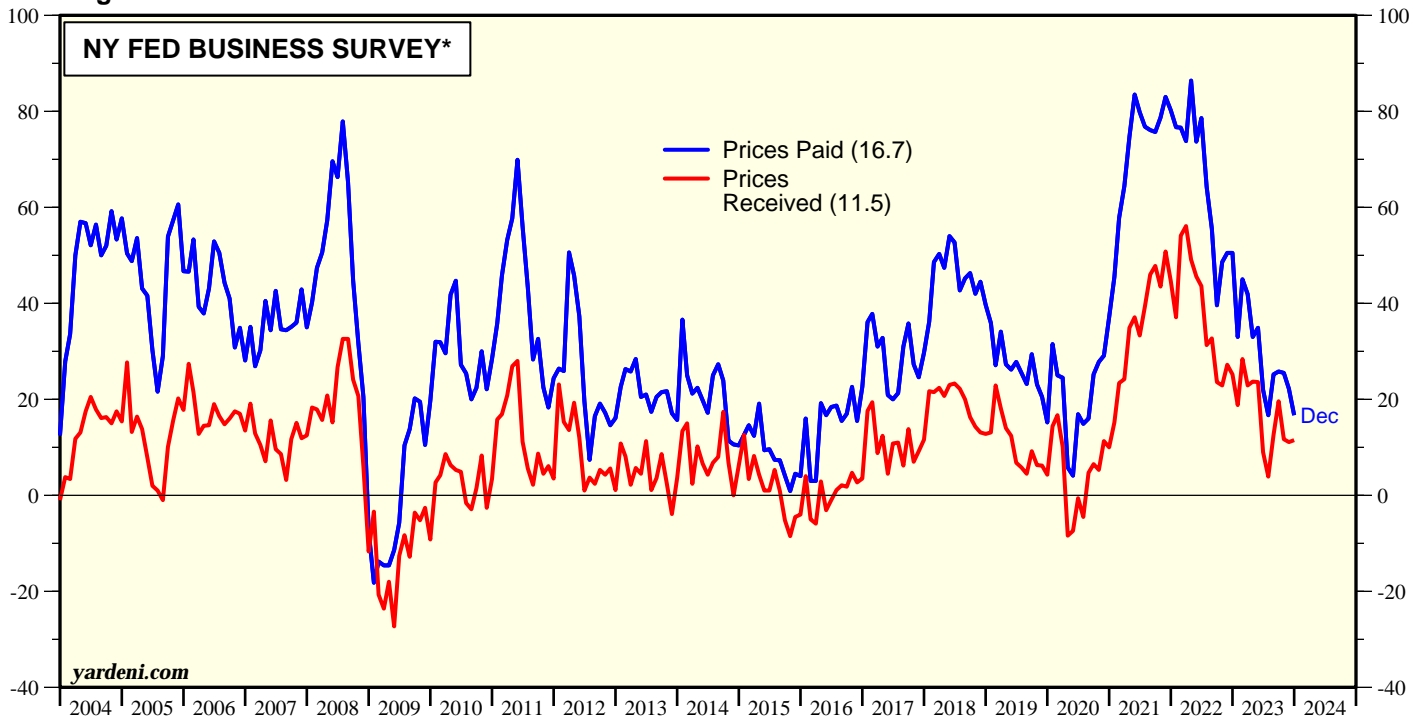
Figure 52.



Note: Shaded areas are recessions according to the National Bureau of Economic Research.
 Source: Federal Reserve Banks of Dallas, Kansas City, New York, Philadelphia, and Richmond and Institute for Supply Management.

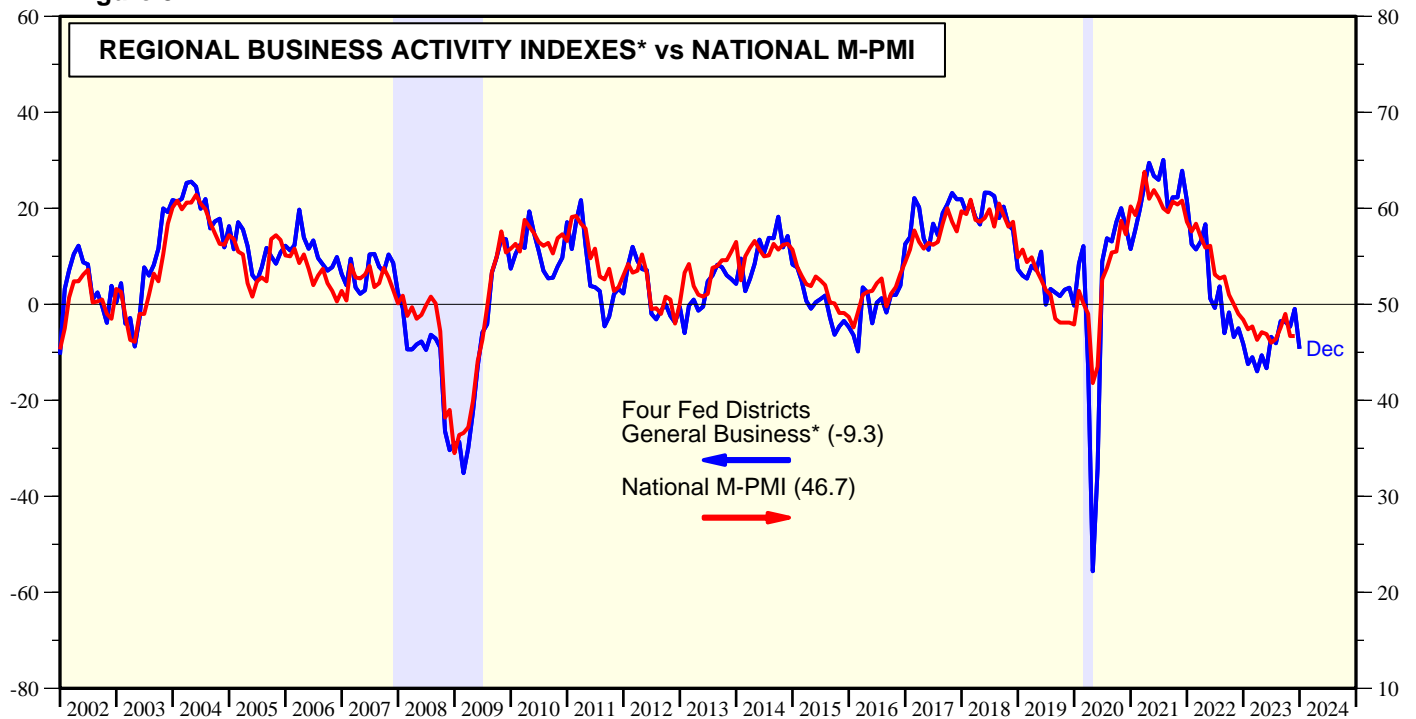
Misc

Figure 53.



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

Figure 54.



* Average of New York, Kansas City, Richmond, and Philadelphia.
Note: Shaded areas are recessions according to the National Bureau of Economic Research.
Source: Federal Reserve Banks of Kansas City, New York, Philadelphia, and Richmond and Institute for Supply Management.

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