Chart Collection for Morning Briefing

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thinking outside the box
Figure 1.

S&P 500 & PANIC ATTACKS 2017

Source: Standard & Poor’s.

Figure 2.

S&P 500 & PANIC ATTACKS 2016

Source: Standard & Poor’s.
**Figure 3.**

**S&P 500 BULL & BEAR MARKETS & CORRECTIONS: 2008-2017**  
(ratio scale)

Note: Corrections are declines of 10% or more, while minor ones are 5%-10% (all in blue shades). Bear markets are declines of 20% or more (in red shades). Number of calendar days in parentheses.  
Source: Standard & Poor’s.

**Figure 4.**

**S&P 500/400/600 STOCK PRICE INDEXES**  
(daily, ratio scale)

Source: Standard & Poor’s.
Figure 5.

S&P 500/400/600 FORWARD EARNINGS
(dollars per share, ratio scale)

* Time-weighted average of consensus estimates for current year and next year.
Source: Thomson Reuters I/B/E/S.

Figure 6.

S&P 500/400/600 FORWARD REVENUES
(dollars per share, ratio scale)

* Time-weighted average of consensus estimates for current year and next year.
Source: Thomson Reuters I/B/E/S.
Figure 7.

FORWARD P/E RATIOS FOR S&P INDEXES*
(daily)

S&P 500 LargeCap (17.7)

S&P 400 MidCap (18.3)

S&P 600 SmallCap (19.2)

* Price divided by 52-week forward consensus expected operating earnings per share.
Source: Thomson Reuters I/B/E/S.
Figure 8.

CONSUMER OPTIMISM INDEX*

CURRENT CONDITIONS

EXPECTATIONS

* Average of Consumer Sentiment Index (nsa) and Consumer Confidence Index (sa).
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: The Conference Board and the University of Michigan Survey Research Center.
Figure 9.

CONSUMER CONFIDENCE SURVEY: AVAILABILITY OF JOBS
(percent saying so, sa)

- Jobs Plentiful (34.1)
- Jobs Hard To Get (18.0)

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Source: The Conference Board.

Figure 10.

CONSUMER CONFIDENCE & UNEMPLOYMENT RATE
(sa)

- Jobs Hard To Get (percent saying so)
- Unemployment Rate (percent)

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
NFIB SMALL BUSINESS SURVEY: JOB OPENINGS & CONSUMER CONFIDENCE

(Percent)

- Small Business with Job Openings* (3-ma) (32.3)
- Consumer Confidence Survey: Jobs Plentiful** (34.1)


* First month of every quarter from 1974 to 1986, then monthly.
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.

AVERAGE HOURLY EARNINGS & JOBS PLENTIFUL

Average Hourly Earnings* (yearly percent change) (2.3)
Consumer Confidence Survey: Jobs Plentiful** (34.1)

* Production & nonsupervisory workers.
Note: Shaded areas denote recessions according to the National Bureau of Economic Research.
Figure 13.
GERMANY: IFO BUSINESS CONFIDENCE INDEX
(2005=100, sa)

Source: Institut fur Wirtschaftsforschung.

Figure 14.
GERMANY: IFO BUSINESS CONFIDENCE INDEX
(2005=100, sa)

Total (116.0)
Current Situation Index (125.4)
Expectations Index (107.3)

Source: Ifo.
Figure 15.

UNEMPLOYMENT RATES
(percent, sa)

- Official Unemployment Rate
- Unemployment Rate at Labor Force Participation Rates of 63%, 65%, and 67%*

* Labor force participation rate times working-age population minus household employment all divided by adjusted labor force.

Figure 16.

LABOR FORCE PARTICIPATION RATES BY AGE
(civilian noninstitutional labor force as a percent of work-age population)

* Labor force divided by working-age population.
Figure 17.

EMPLOYMENT / POPULATION RATES BY AGE
(household employment as percent of working-age population)

Employment/Population
- 25-64 Years Old (74.5)
- 16-64 Years Old (70.1)*
- 16+ Years Old (60.1)

* Household employment divided by working-age population.

Figure 18.

UNEMPLOYMENT RATES (percent)

- Total (4.4)
- 25-54 Year Olds (3.8)

Note: Shaded areas denote recessions according to the National Bureau of Economic Research.