CATALPA RESEARCH | SECTOR MONITOR

11 DECEMBER 2012

SECTOR SNAPSHOT: CONSUMER STAPLES (PAGE 6)

Often a defensive sector, Consumer Staples has held its own during the market's recent rebound. The index set an all-time high in October and has already recovered most of the losses from the recent sell-off. Price momentum has picked up on both an absolute and relative basis. While valuations are running above average, most of the stocks in the sector are now showing higher PEs than a three months ago and the valuation diffusion index turned back above breakeven. Ditto for the price to book. Analyst ratings remain low and earnings forecasts are still weak but have stopped falling. Meanwhile, correlations are looser along with the broader market, hinting at divergent internal trends. Within the sector, Distillers have been leading for the last half year or so, along with some of the constituents in Packaged Food. Tobacco has been lagging.

SUMMARY TABLE

Equal-Weighted Summary	Price to Next 4Q Earnings		Price to Book		Oper Earn Next 4Q, YoY		Rev Next 4Q, YoY		Margins	
	Level	Diffusion	Level	Diffusion	Level	Diffusion	Level	Diffusion	Level	Diffusion
S&P 500	15.1	37.8	2.9	37.0	-3.9%	17.9	4.5%	58.9	20.3%	54.1
Consumer Discretionary	15.3	27.5	3.9	47.5	-3.5%	16.3	5.5%	72.2	15.0%	55.6
Consumer Staples	16.0	51.2	4.7	66.7	-2.9%	19.5	5.5%	75.6	16.2%	61.0
Energy	15.1	28.6	1.7	23.3	-9.8%	21.4	3.7%	61.9	22.9%	44.2
Financials	15.7	25.0	1.8	27.2	-1.7%	28.8	3.2%	58.2	29.6%	69.4
Health	14.6	48.1	2.7	38.5	-2.2%	9.6	8.5%	65.4	21.3%	44.2
Industrials	14.2	57.4	3.3	41.9	-2.5%	9.8	2.3%	42.6	15.2%	49.2
Information Technology	14.5	38.6	3.0	30.0	-5.8%	12.9	5.5%	48.6	23.3%	37.1
Materials	14.7	35.5	2.7	35.5	-5.6%	25.8	0.5%	51.6	16.4%	67.7
Telecommunication Services	19.9	28.6	2.9	25.0	3.2%	50.0	8.9%	50.0	18.3%	62.5
Utilities	15.7	38.7	1.5	22.6	-4.3%	12.9	3.8%	54.8	18.2%	64.5

The Catalpa Sector Monitor features a series of charts to highlight the data and facilitate comparative analysis across the equal-weighted sectors of the S&P 500. By treating each stock equally, the monitor captures the broader underlying trends. Each sector page starts with the pricing, momentum, volatility, and average analyst rating of the aggregated stocks. Other key metrics follow: valuation, earnings, revenues, and margins. A diffusion index is then generated for each of those metrics. They work the same as many purchasing manager surveys: a reading of 50 is neutral, with half the stocks in the sector posting a higher reading compared to three months ago and half the stocks posting a lower reading. The shading compares the sector's diffusion index to that of the S&P 500 as a whole. After the sector pages, several metrics are collected together to make it easier to see any divergences at a

SECTOR DASHBOARD

S&P 500 SECTORS & INDUSTRY GROUPS (Equal-Weighted)	PERFORMANCE — MTD	YTD	VALUATION Forward PE — Last	EARNINGS: ONE-YEAR FORWARD ESTIMATES — YoY	Deviation from Average — 1 M	3 M	1 Yr	ANALYST RATINGS (1 to 5) — Last
S&P 500	0.7%	15.9%	15.1	-3.8%	-0.1%	-0.7%	-2.0%	3.9
Consumer Discretionary	-0.4%	21.1%	15.3	-3.5%	-0.3%	-1.0%	-1.9%	3.9
Automobiles & Components	1.0%	4.8%	10.1	-4.4%	0.0%	-1.0%	-2.2%	4.0
Consumer Durables & Apparel	-1.1%	40.6%	14.9	1.8%	0.0%	0.1%	0.7%	3.9
Consumer Services	0.3%	2.0%	16.3	-2.7%	0.1%	-0.3%	-0.6%	4.0
Media	0.9%	30.1%	13.7	-1.5%	-0.1%	-0.2%	-0.7%	4.1
Retailing	-1.2%	19.2%	16.6	-6.9%	-0.7%	-2.3%	-4.3%	3.8
Consumer Staples	0.9%	15.7%	16.0	-2.9%	0.2%	-0.1%	-1.2%	3.7
Food & Staples Retailing	2.1%	15.2%	15.3	-1.6%	0.0%	0.0%	0.0%	3.7
Food Beverage & Tobacco	0.4%	16.7%	15.8	-2.2%	0.3%	-0.1%	-1.2%	3.7
Household & Personal Products	1.7%	10.8%	17.7	-8.2%	-0.1%	-0.1%	-3.4%	3.5
Energy	1.0%	7.5%	15.1	-9.8%	0.0%	-0.5%	-4.7%	4.1
Financials	1.2%	21.9%	15.7	-1.7%	0.0%	-0.1%	-0.9%	3.7
Banks	-0.4%	21.7%	10.9	-0.2%	0.0%	0.3%	-0.1%	3.6
Diversified Financials	1.3%	25.8%	11.9	-4.3%	0.1%	-0.0%	-1.6%	3.9
Insurance	1.9%	20.4%	10.2	-1.5%	-0.0%	0.1%	-1.7%	3.7
Real Estate	1.4%	17.0%	33.1	0.7%	-0.0%	-0.7%	0.3%	3.6
Health Care	0.5%	20.1%	14.6	-2.2%	-0.0%	-0.3%	-0.8%	4.0
Health Care Equipment & Svcs	0.7%	16.0%	13.8	-1.3%	-0.1%	-0.3%	-0.7%	3.9
Pharma & Biotechnology	0.3%	25.6%	15.8	-3.4%	0.1%	-0.4%	-0.9%	4.1
Industrials	0.8%	14.2%	14.2	-2.5%	0.0%	-0.9%	-1.6%	3.9
Capital Goods	0.6%	18.8%	13.8	-1.0%	-0.1%	-0.6%	-0.9%	4.0
Commercial & Professional Svcs	1.5%	9.2%	15.8	-7.7%	0.1%	-2.2%	-4.3%	3.7
Transportation	0.9%	0.8%	13.7	-2.4%	0.1%	-0.7%	-1.4%	4.0
Information Technology	2.0%	11.0%	14.5	-5.8%	-0.1%	-1.9%	-3.6%	3.9
Semis & Semi Equipment	3.0%	-0.5%	14.7	-14.5%	-1.1%	-8.1%	-11.8%	3.8
Software & Services	0.9%	19.8%	16.6	-0.5%	0.1%	-0.0%	-0.1%	3.9
Tech Hardware & Equipment	2.9%	7.9%	11.4	-7.5%	0.2%	-0.4%	-3.2%	3.9
Materials	-0.8%	12.9%	14.7	-5.6%	0.1%	-1.0%	-3.4%	3.9
Telecommunication Services	-0.2%	26.8%	19.9	3.2%	-2.4%	3.7%	5.0%	3.7
Utilities	0.4%	2.9%	15.7	-4.3%	-0.6%	-1.0%	-2.0%	3.5

Source: Bloomberg, Catalpa Capital Advisors. Beta version 0.91. Weekly data. Security-level data is from Blooomberg and indexed with equal weightings using S&P GICS classifications. Scaling on the y-axis is data-dependent for each individual chart. Earnings are reindexed as a percentage of the three-year average for each security. Earnings "deviation from average" is the percentage change in the latest value from the average of the period as listed, excluding outliers. Analyst ratings are compiled by Bloomberg and run from a low of 1 to a high of 5, with the box plot charting the average (in red) and quartiles (in gray) for each group.

Price

Unweighted price indexes are calculated from weekly percent changes in the underlying security prices for each sector.

Weighted indexes are direct Bloomberg feeds.

Price Momentum: Absolute Weekly MACD

The moving average convergence divergence line (MACD) is comprised of two parts. The blue line is the difference between the 26-week and 12-week exponential moving average for each index. The red line is 9-week exponential moving average of the blue line. Crossovers indicate possibly sustained shifts in price momentum.

Risk/Return (52 wk return vs st dev, ann'd)

Annaulized weekly returns are on the y-axis and the annualized standard devation is on the y-axis. The larger red dot denotes the sector as a whole. The small blue dots are the indiviudal stocks within the sector. On the sector charts, the gray dots are the other stocks in the broader index.

Average Analyst Rating

Analyst ratings from 1 (worst) to 5 (best) are averaged across the full sector. Underlying security-level data is compiled by Bloomberg.

Valuation: Price to Forward 4Q Earnings

The ratios of each security price to earnings estimates for the next four quarters are averaged across the full sector. Outliers above 50 are omiitted. Trend is relative to 13 week moving average. Underlying security-level data is compiled by Bloomberg.

3M Diffusion Index (100 = PEs up for all stocks)

The value for each security is compared to where it was 3 months ago. A value of 100 means that all stocks are higher, 50 is half up and half down, and 0 means that the value is lower for all stocks.

The orange shading indicactes the difference between the sectors and the broad index.

Operating Earnings: Next 4Q, YoY

Estimated earnings for the next four quarters are averaged across the sector. Trend is relative to 13 week moving average. Underlying security-level data is compiled by Bloomberg.

3M Diffusion Index

The value for each security is compared to where it was 3 months ago. A value of 100 means that all stocks are higher, 50 is half up and half down, and 0 means that the value is lower for all stocks.

The orange shading indicactes the difference between the sectors and the broad index.

Valuation: Price to Book

The ratios of each security price to book value are averaged across the sector. Outliers above 10 are omitted. Trend is relative to 13 week moving average. Underlying security-level data is compiled by Bloomberg.

3M Diffusion Index

The value for each security is compared to where it was 3 months ago. A value of 100 means that all stocks are higher, 50 is half up and half down, and 0 means that the value is lower for all stocks.

The orange shading indicactes the difference between the sectors and the broad index.

Revenues: Next 4Q, YoY

Estimated revenues for the next four quarters are averaged across the sector. Trend is relative to 13 week moving average. Underlying security-level data is compiled by Bloomberg.

3M Diffusion Index

The value for each security is compared to where it was 3 months ago. A value of 100 means that all stocks are higher, 50 is half up and half down, and 0 means that the value is lower for all stocks.

The orange shading indicactes the difference between the sectors and the broad index.

Correlation: Average Stock to Index, 12-Week ma

The 12-week correlation of each security's weekly price change to the broad index (S&P 500) is averaged across the sector. Trend is relative to 13 week moving average.

3M Diffusion Index

The value for each security is compared to where it was 3 months ago. A value of 100 means that all stocks are higher, 50 is half up and half down, and 0 means that the value is lower for all stocks.

The orange shading indicactes the difference between the sectors and the broad index.

Operating Margins: Earnings as % of Revenues

The ratios of each security's earnings to revenues for the next four quarters are averaged across the sector. Trend is relative to 13 week moving average. Underlying security-level data is compiled by Bloomberg.

3M Diffusion Index

The value for each security is compared to where it was 3 months ago. A value of 100 means that all stocks are higher, 50 is half up and half down, and 0 means that the value is lower for all stocks.

The orange shading indicactes the difference between the sectors and the broad index.

Price
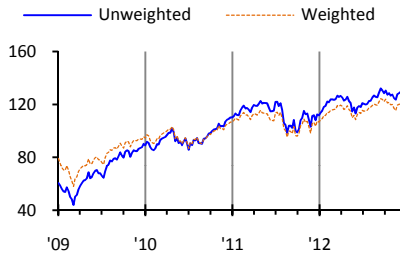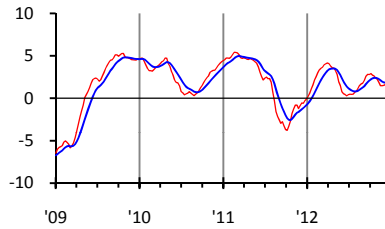
Unweighted — Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

Constituent Stocks ● Index

r/σ

Average Analyst Rating

STILL DRIFTING DOWN

Price to Forward 4Q Earnings = 15.1
Below Average and Trending Up

Average — +/- 1 StDev
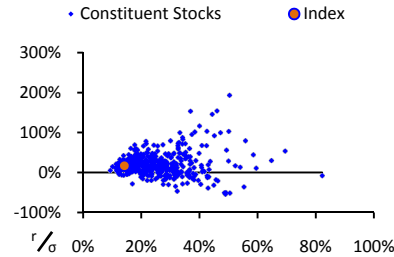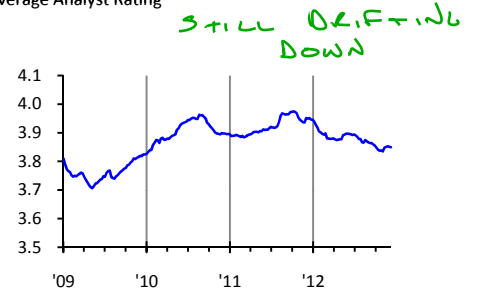
3M Diffusion Index = 37.8
Medium-Low and Trending Down

Absolute
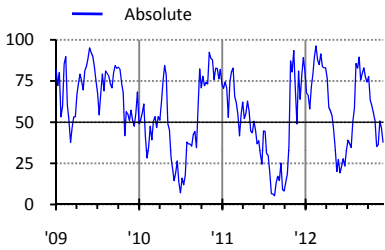
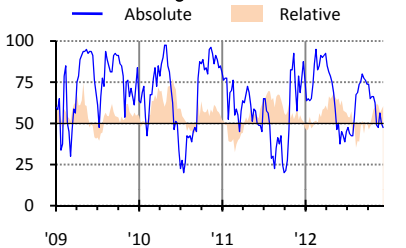Operating Earnings: Next 4Q, YoY = -3.9%
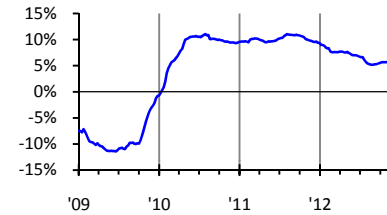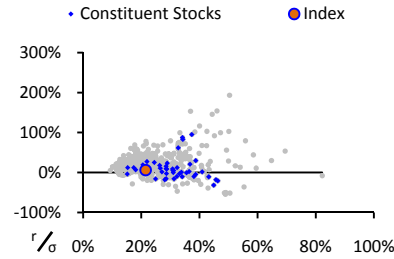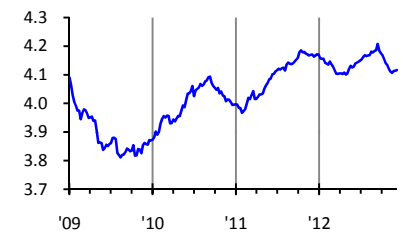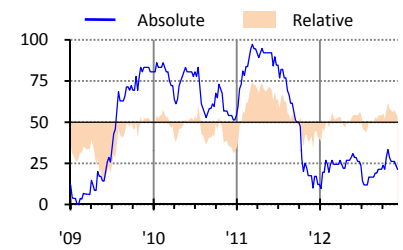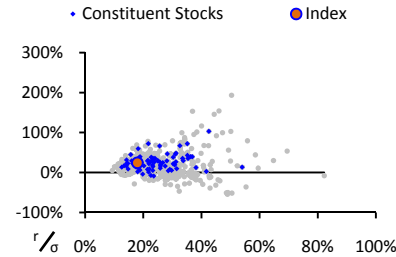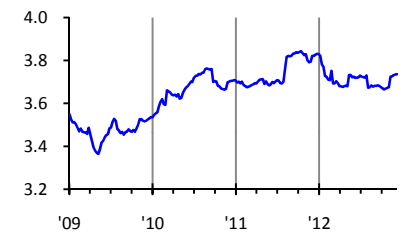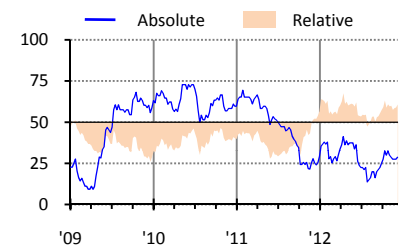Negative and Trending Down
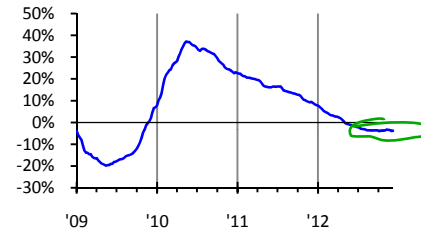
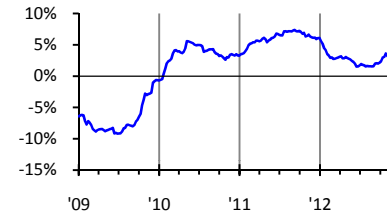3M Diffusion Index = 17.9
Low and Trending Down

Absolute

Price to Book = 2.9
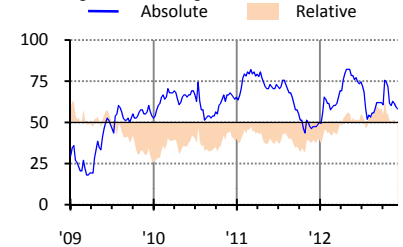Above Average and Trending Down

Average — +/- 1 StDev
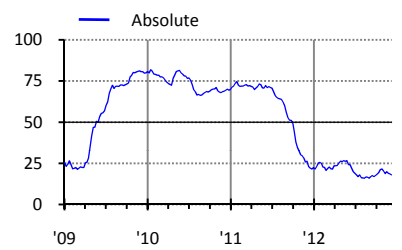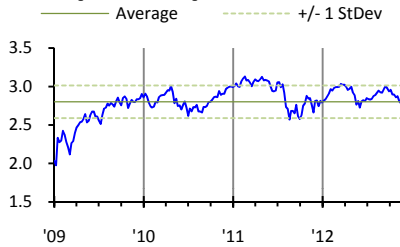
3M Diffusion Index = 37.0
Medium-Low and Trending Down

Absolute
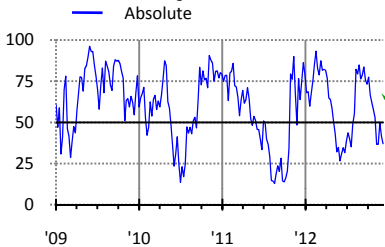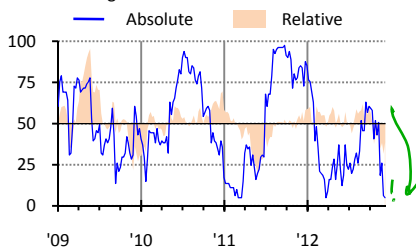
Revenues: Next 4Q, YoY = 4.5%
Positive and Trending Down
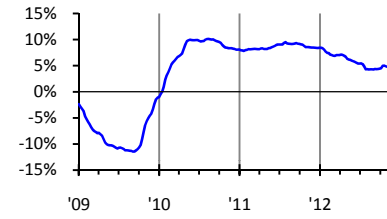
3M Diffusion Index = 58.9
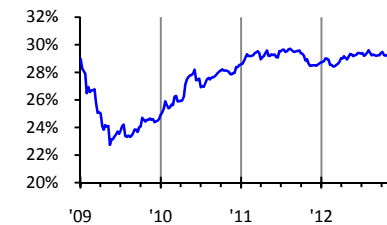Medium-High and Trending Down
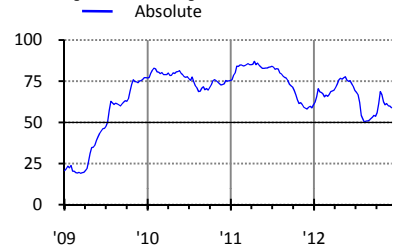
Absolute

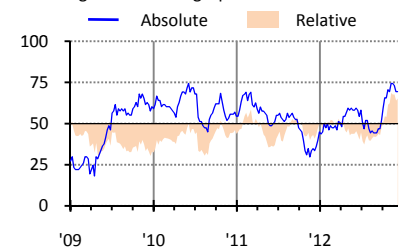Correlation: Avg Stock to Idx, 12W ma = 0.47
Below Average and Trending Down

Average — +/- 1 StDev

LOWER CORRELATIONS
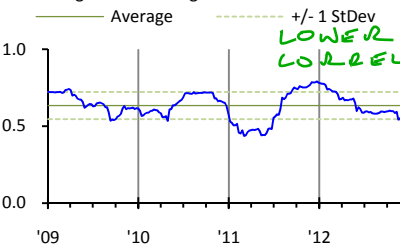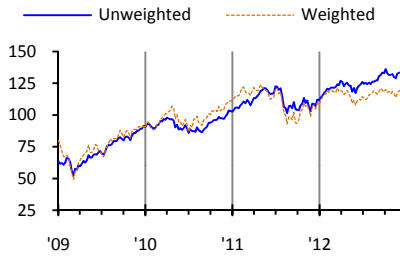
3M Diffusion Index = 16.0
Low and Trending Down
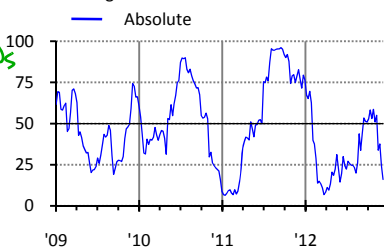
Absolute

Margins (Oper Earn as % of Rev) = 20.3%
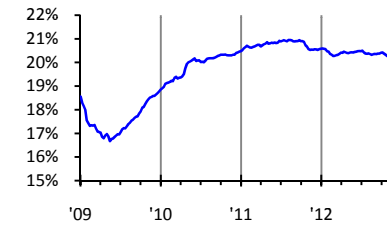
3M Diffusion Index = 54.1
Medium-High and Trending Down
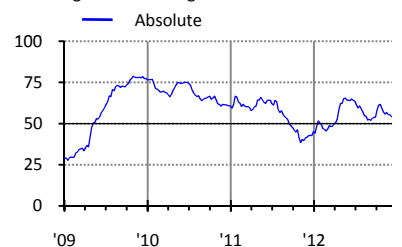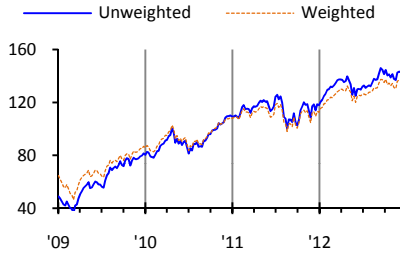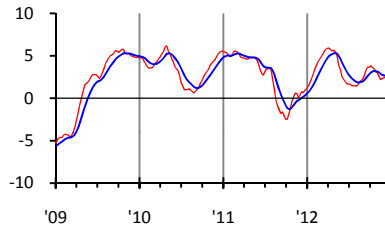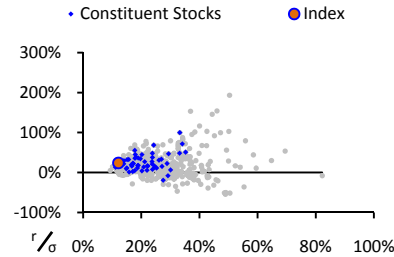
Absolute

Price

Unweighted — Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

• Constituent Stocks   ○ Index

r/σ
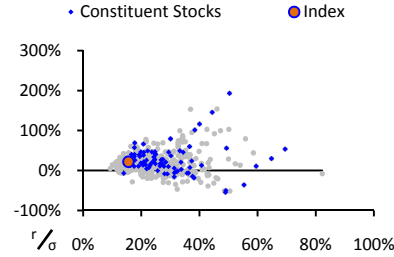
Average Analyst Rating
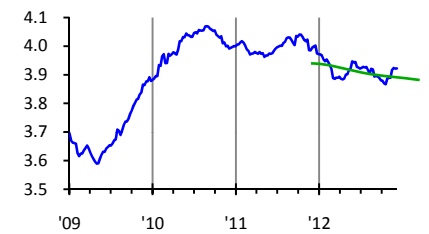
Price to Forward 4Q Earnings = 15.3
Below Average and Trending Down

—— Average   - - - +/- 1 StDev
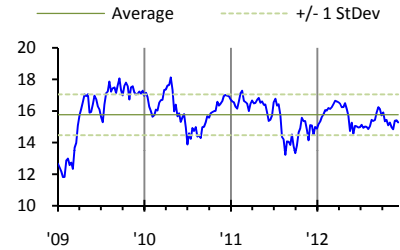
3M Diffusion Index = 27.5
Medium-Low and Trending Down

Absolute   Relative
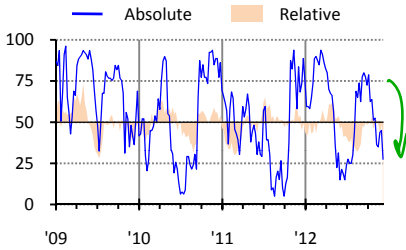
Operating Earnings: Next 4Q, YoY = -3.5%
Negative and Trending Up
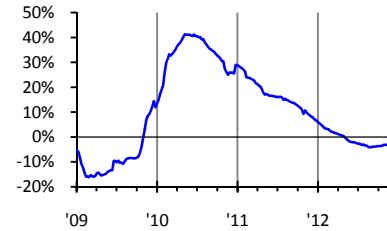
3M Diffusion Index = 16.3
Low and Trending Up

Absolute   Relative
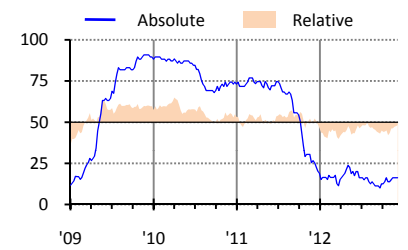
Price to Book = 3.9
Above Average and Trending Up
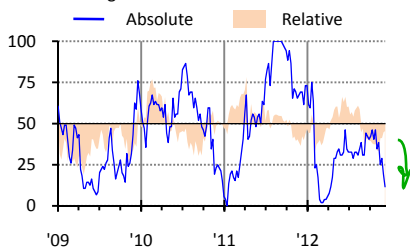
—— Average   - - - +/- 1 StDev
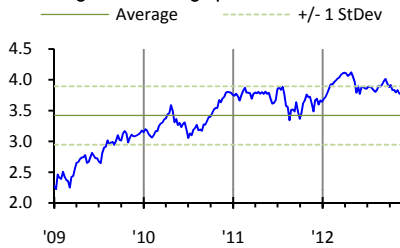
3M Diffusion Index = 47.5
Medium-Low and Trending Down

Absolute   Relative

Revenues: Next 4Q, YoY = 5.5%
Positive and Trending Down
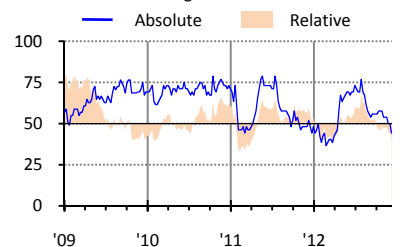
3M Diffusion Index = 72.2
Medium-High and Trending Up
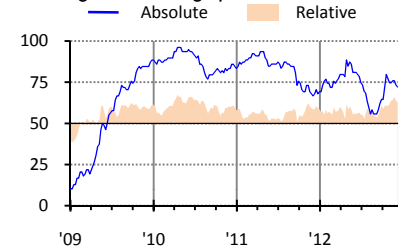
Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.42
Below Average and Trending Down
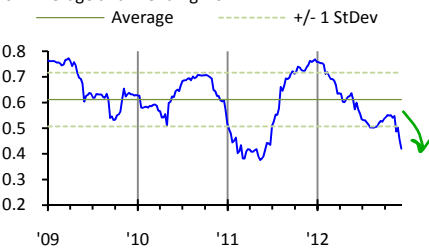
—— Average   - - - +/- 1 StDev

3M Diffusion Index = 22.5
Low and Trending Down

Absolute   Relative
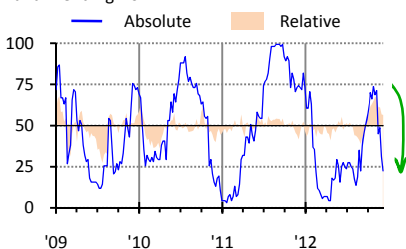
Margins (Oper Earn as % of Rev) = 15.0%
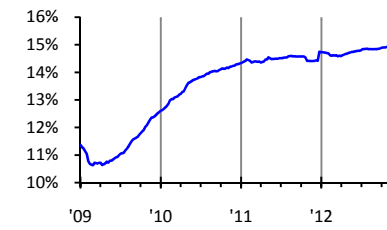
3M Diffusion Index = 55.6
Medium-High and Trending Down
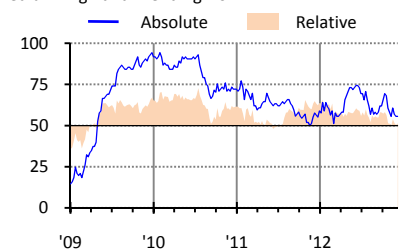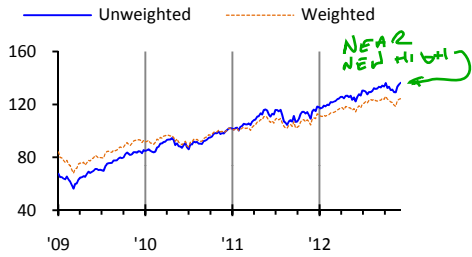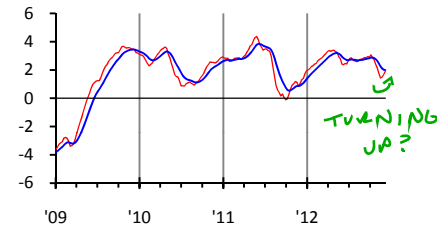
Absolute   Relative

Price

Unweighted — Weighted

NEAR NEW HIGH

Price Momentum: Absolute Weekly MACD

TURNING UP?

Risk/Return (52 wk return vs st dev, ann'd)

• Constituent Stocks   ● Index
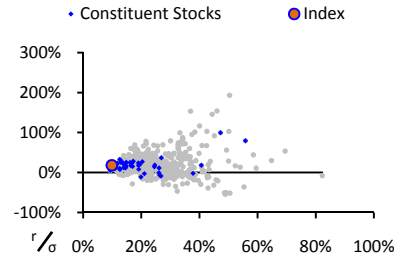
Average Analyst Rating
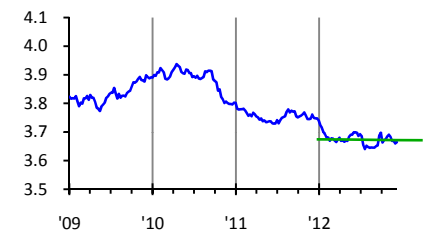
Price to Forward 4Q Earnings = 16.0
Above Average and Trending Up

— Average   - - - +/- 1 StDev

3M Diffusion Index = 51.2
Medium-High and Trending Up

— Absolute   Relative
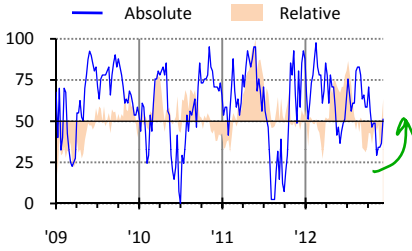
MORE STOCKS NOW HAVE RISING PEs

Operating Earnings: Next 4Q, YoY = -2.9%
Negative and Trending Down

BOTTOMING?
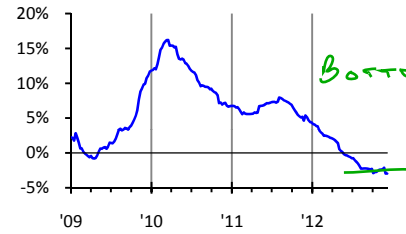
3M Diffusion Index = 19.5
Low and Trending Down

— Absolute   Relative
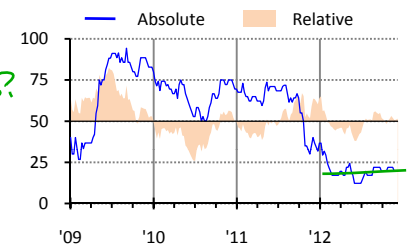
Price to Book = 4.7
Above Average and Trending Down

— Average   - - - +/- 1 StDev
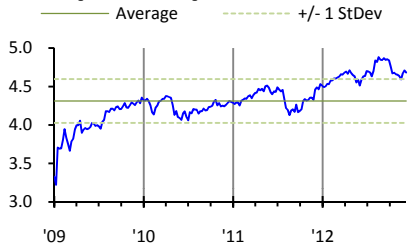
3M Diffusion Index = 66.7
Medium-High and Trending Up

— Absolute   Relative
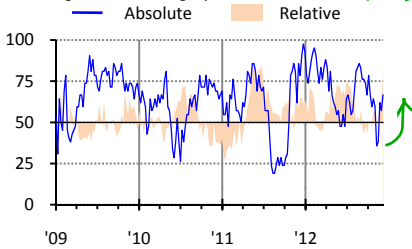
DITTO FOR PBs

Revenues: Next 4Q, YoY = 5.5%
Positive and Trending Up
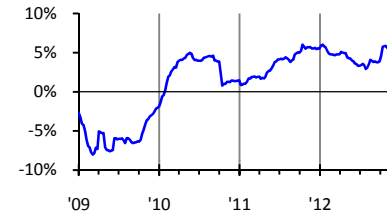
3M Diffusion Index = 75.6
High and Trending Down
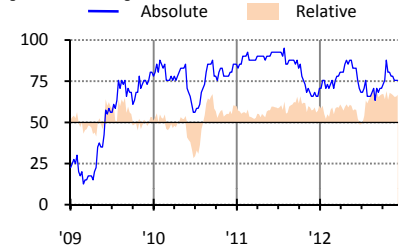
— Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.40
Below Average and Trending Down

— Average   - - - +/- 1 StDev

CORRELATION LOWER
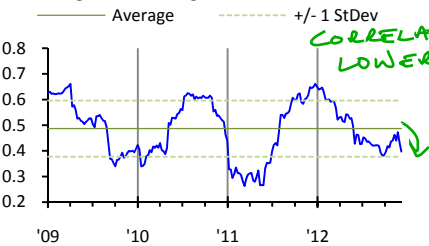
3M Diffusion Index = 34.5
Medium-Low and Trending Down

— Absolute   Relative
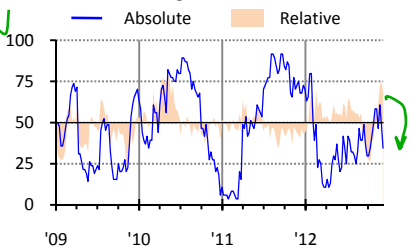
Margins (Oper Earn as % of Rev) = 16.2%

STEADY
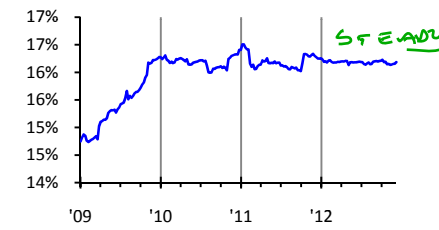
3M Diffusion Index = 61.0
Medium-High and Trending Up
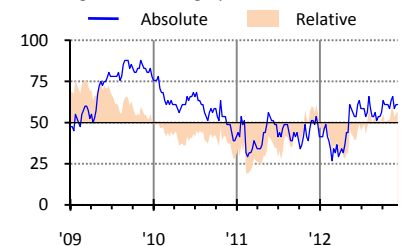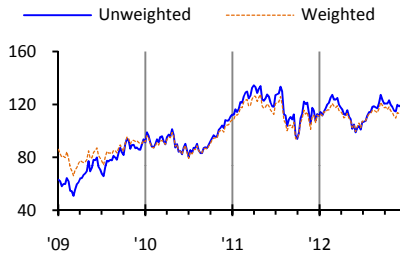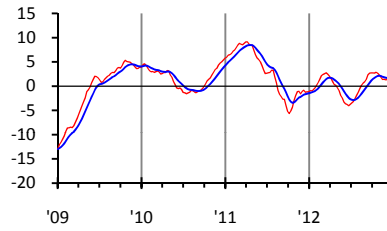
— Absolute   Relative

6

Price

Unweighted — — Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

• Constituent Stocks   ⦿ Index

Average Analyst Rating

Price to Forward 4Q Earnings = 15.1
Below Average and Trending Down

—— Average   - - - +/- 1 StDev

3M Diffusion Index = 28.6
Medium-Low and Trending Down

—— Absolute   Relative
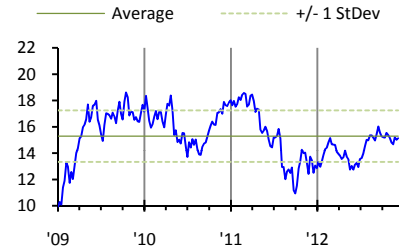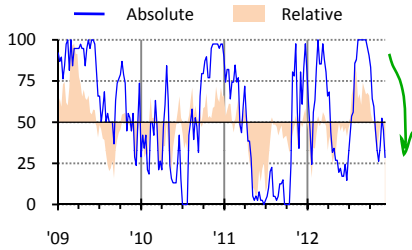
Operating Earnings: Next 4Q, YoY = -9.8%
Negative and Trending Up
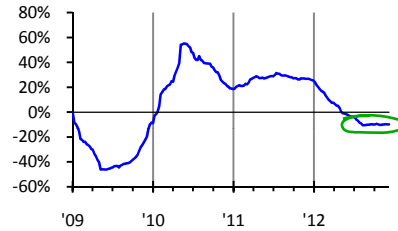
3M Diffusion Index = 21.4
Low and Trending Down

—— Absolute   Relative

Price to Book = 1.7
Below Average and Trending Down

—— Average   - - - +/- 1 StDev
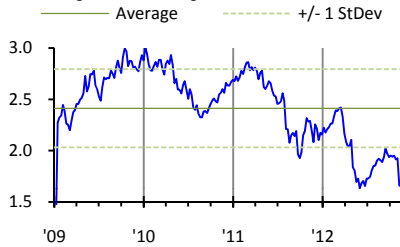
3M Diffusion Index = 23.3
Low and Trending Down

—— Absolute   Relative
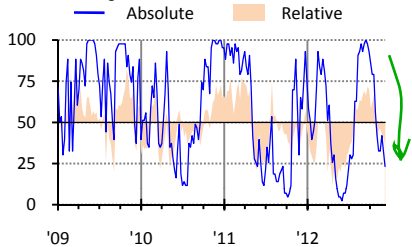
Revenues: Next 4Q, YoY = 3.7%
Positive and Trending Up
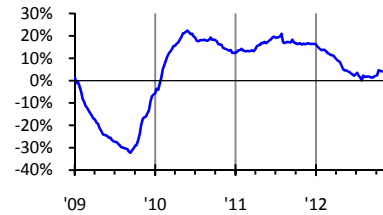
3M Diffusion Index = 61.9
Medium-High and Trending Up
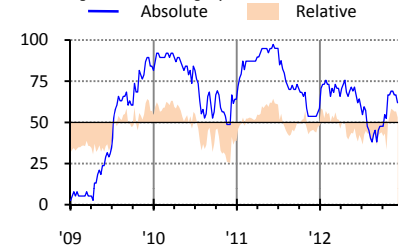
—— Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.52
Below Average and Trending Down
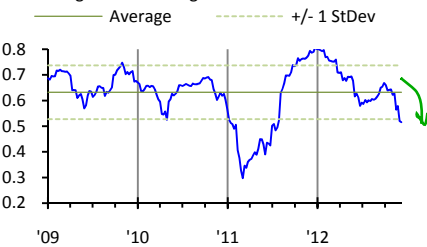
—— Average   - - - +/- 1 StDev

3M Diffusion Index = 14.0
Low and Trending Down

—— Absolute   Relative
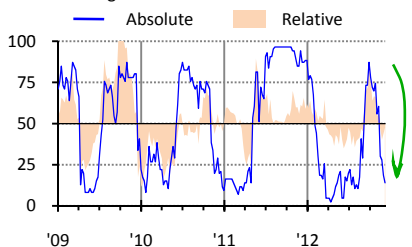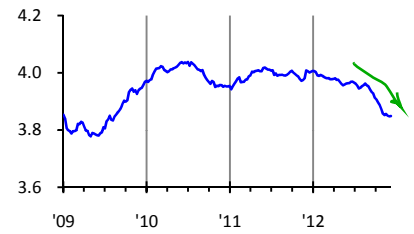
Margins (Oper Earn as % of Rev) = 22.9%
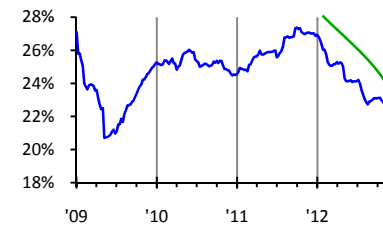
3M Diffusion Index = 44.2
Medium-Low and Trending Down
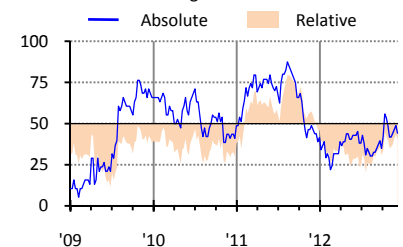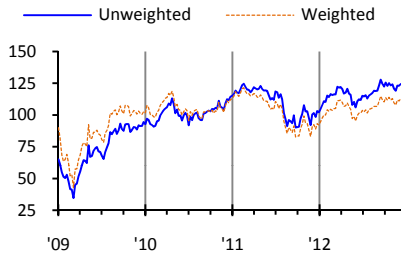
—— Absolute   Relative

Price

Unweighted — — — Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

· Constituent Stocks   ⬤ Index
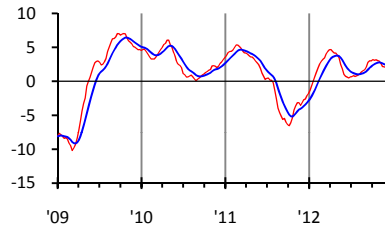
Average Analyst Rating

Price to Forward 4Q Earnings = 15.7
Below Average and Trending Down

—— Average   - - - +/- 1 StDev

3M Diffusion Index = 25.0
Medium-Low and Trending Down

—— Absolute   Relative
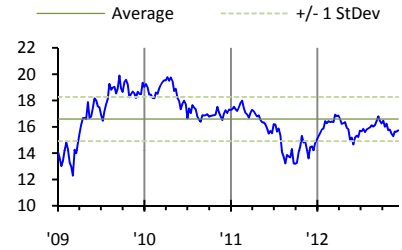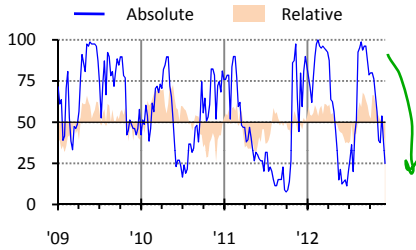
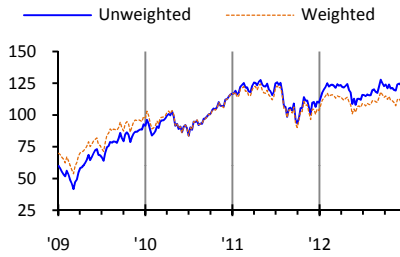**Operating Earnings: Next 4Q, YoY = -1.7%**
Negative and Trending Down
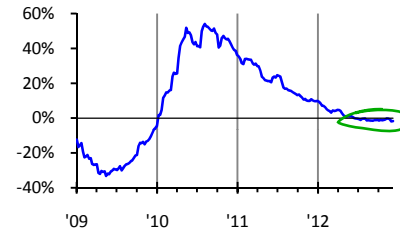
3M Diffusion Index = 28.8
Medium-Low and Trending Up

—— Absolute   Relative

Price to Book = 1.8
Above Average and Trending Up

—— Average   - - - +/- 1 StDev
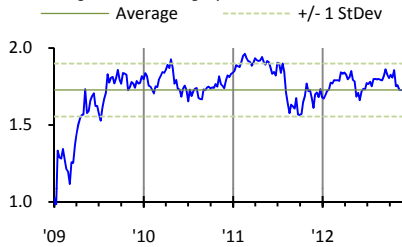
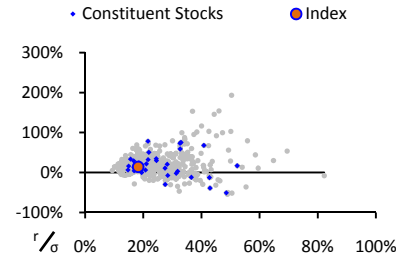**3M Diffusion Index = 27.2**
Medium-Low and Trending Down

—— Absolute   Relative
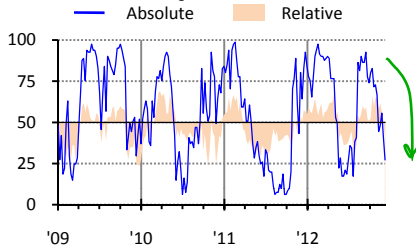
Revenues: Next 4Q, YoY = 3.2%
Positive and Trending Up

3M Diffusion Index = 58.2
Medium-High and Trending Down

—— Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.59
Below Average and Trending Down

—— Average   - - - +/- 1 StDev

3M Diffusion Index = 4.9
Low and Trending Down

—— Absolute   Relative

Margins (Oper Earn as % of Rev) = 29.6%

3M Diffusion Index = 69.4
Medium-High and Trending Up
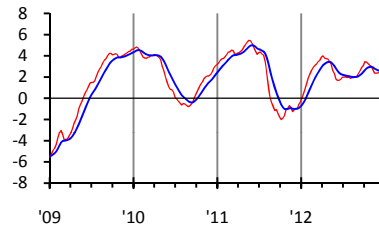
—— Absolute   Relative

8

Price

Unweighted — Weighted ······

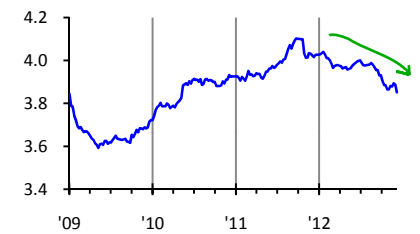**Price Momentum: Absolute Weekly MACD**

Risk/Return (52 wk return vs st dev, ann'd)

· Constituent Stocks ● Index

Average Analyst Rating
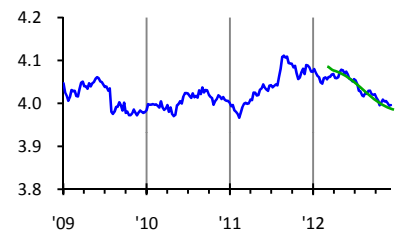
Price to Forward 4Q Earnings = 14.6
Above Average and Trending Down

Average — +/- 1 StDev ·····
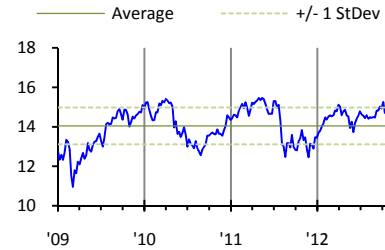
3M Diffusion Index = 48.1
Medium-Low and Trending Down

Absolute — Relative
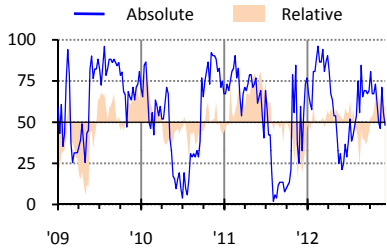
Operating Earnings: Next 4Q, YoY = -2.2%
Negative and Trending Up
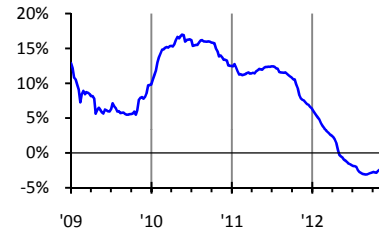
3M Diffusion Index = 9.6
Low and Trending Down

Absolute — Relative

Price to Book = 2.7
Above Average and Trending Down

Average — +/- 1 StDev ·····
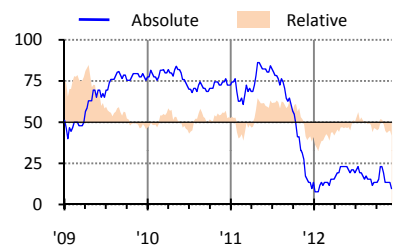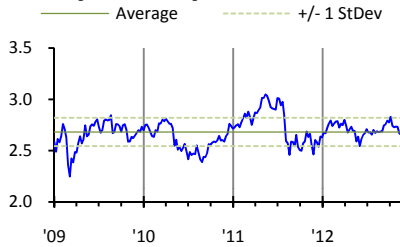
3M Diffusion Index = 38.5
Medium-Low and Trending Down

Absolute — Relative
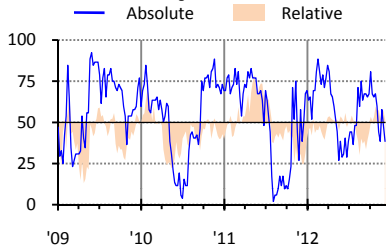
Revenues: Next 4Q, YoY = 8.5%
Positive and Trending Up
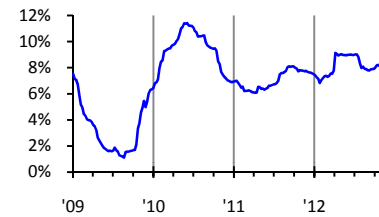
3M Diffusion Index = 65.4
Medium-High and Trending Down
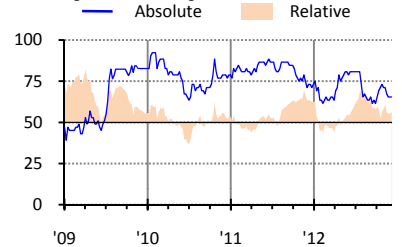
Absolute — Relative

Correlation: Avg Stock to Idx, 12W ma = 0.38
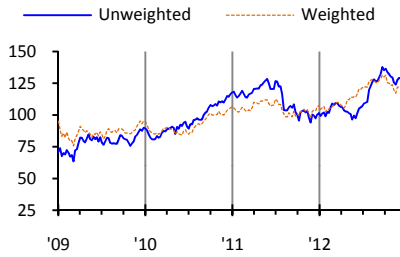Below Average and Trending Down

Average — +/- 1 StDev ·····

3M Diffusion Index = 11.5
Low and Trending Down

Absolute — Relative

Margins (Oper Earn as % of Rev) = 21.3%
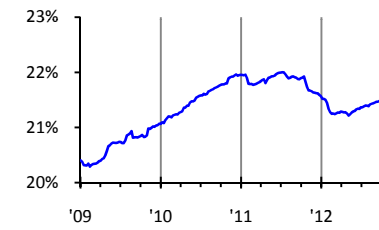
3M Diffusion Index = 44.2
Medium-Low and Trending Down
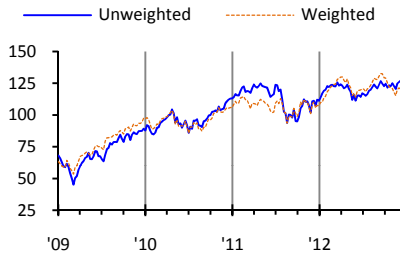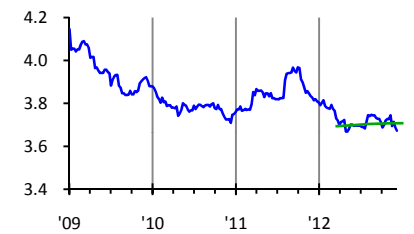
Absolute — Relative

Price

— Unweighted   ---- Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

· Constituent Stocks   ◉ Index
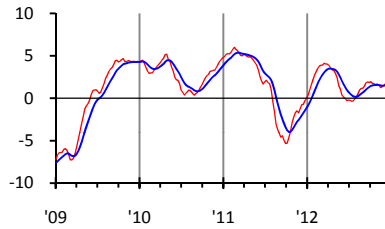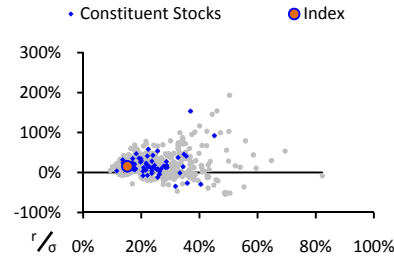
Average Analyst Rating
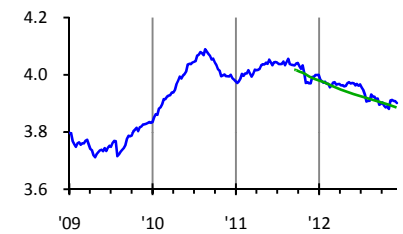
Price to Forward 4Q Earnings = 14.2
Below Average and Trending Up

— Average   ---- +/- 1 StDev
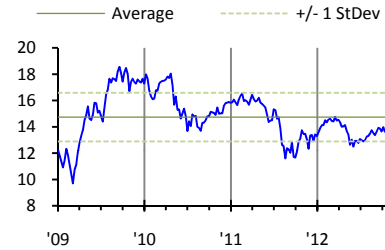
3M Diffusion Index = 57.4
Medium-High and Trending Down

— Absolute   Relative
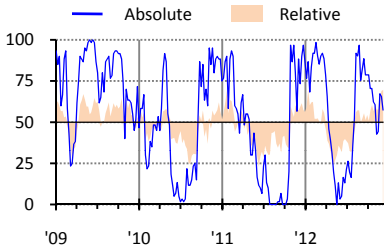
Operating Earnings: Next 4Q, YoY = -2.5%
Negative and Trending Down
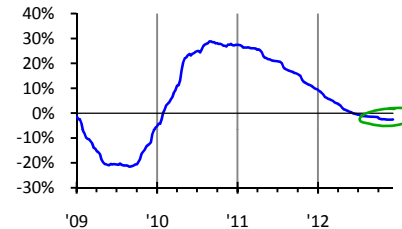
3M Diffusion Index = 9.8
Low and Trending Down

— Absolute   Relative
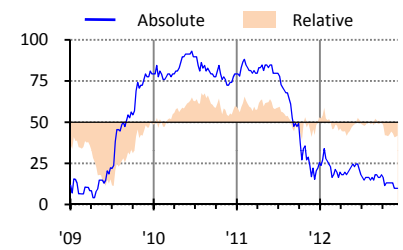
Price to Book = 3.3
Above Average and Trending Down

— Average   +/- 1 StDev
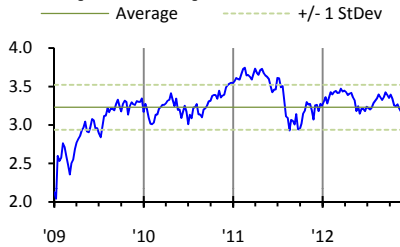
3M Diffusion Index = 41.9
Medium-Low and Trending Down

— Absolute   Relative
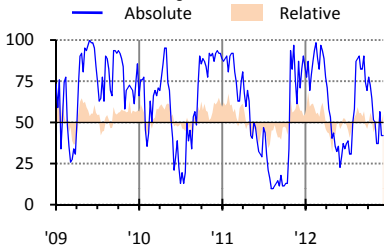
Revenues: Next 4Q, YoY = 2.3%
Positive and Trending Down
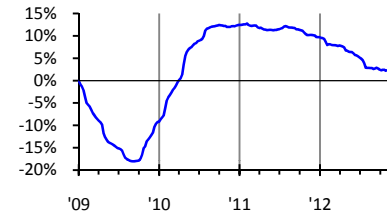
3M Diffusion Index = 42.6
Medium-Low and Trending Up
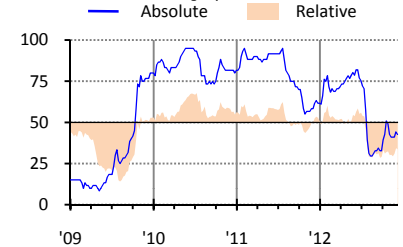
— Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.52
Below Average and Trending Down
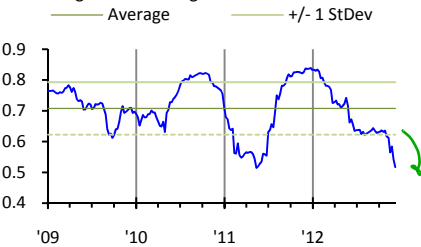
— Average   +/- 1 StDev

3M Diffusion Index = 20.2
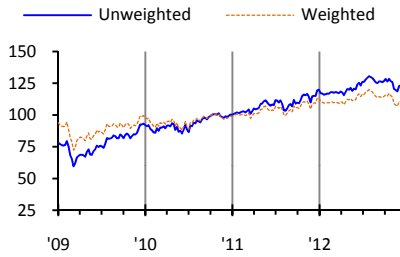Low and Trending Down

— Absolute   Relative
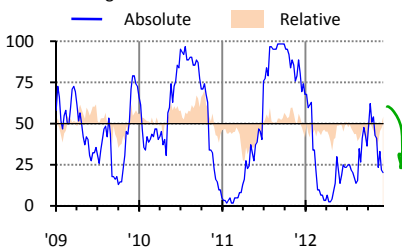
Margins (Oper Earn as % of Rev) = 15.2%
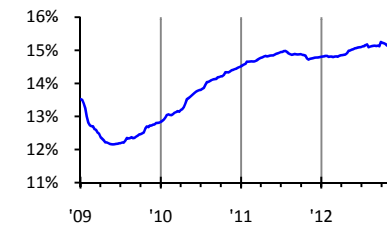
3M Diffusion Index = 49.2
Medium-Low and Trending Down
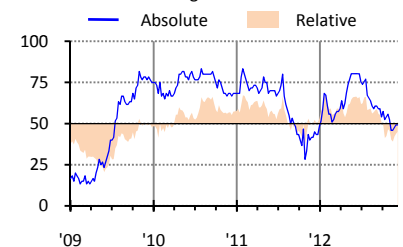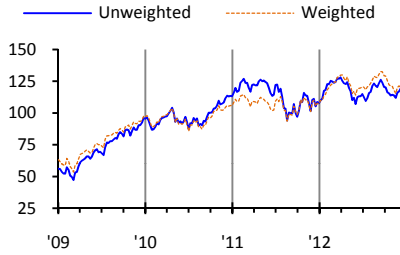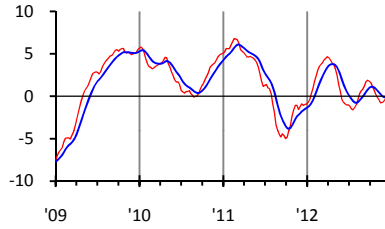
— Absolute   Relative

Price

Unweighted — Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

· Constituent Stocks ● Index
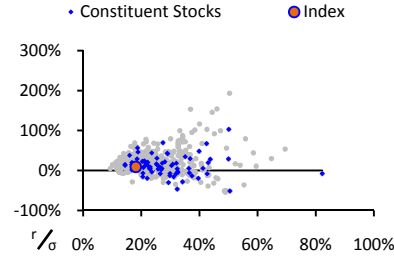
Average Analyst Rating

Price to Forward 4Q Earnings = 14.5
Below Average and Trending Up
— Average +/- 1 StDev
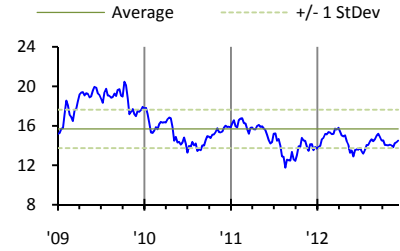
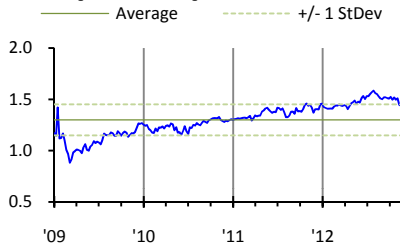**3M Diffusion Index = 38.6**
Medium-Low and Trending Down
— Absolute Relative
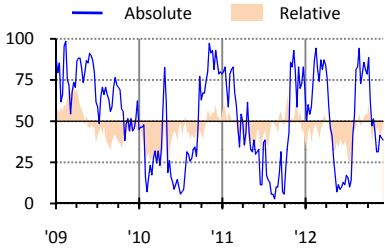
Operating Earnings: Next 4Q, YoY = -5.8%
Negative and Trending Down
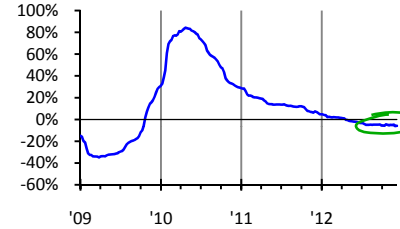
3M Diffusion Index = 12.9
Low and Trending Down
— Absolute Relative
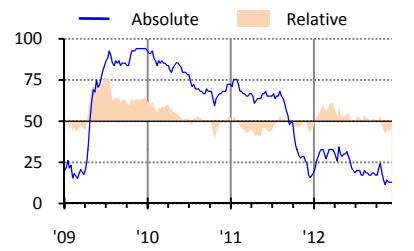
Price to Book = 3.0
Below Average and Trending Down
— Average +/- 1 StDev
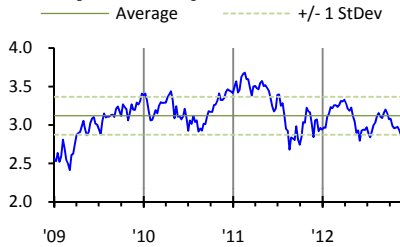
3M Diffusion Index = 30.0
Medium-Low and Trending Down
— Absolute Relative
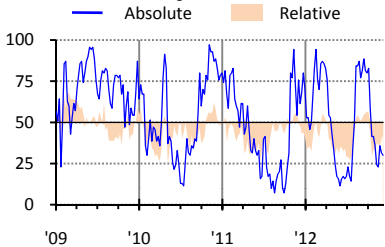
Revenues: Next 4Q, YoY = 5.5%
Positive and Trending Down
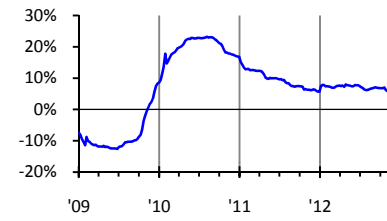
3M Diffusion Index = 48.6
Medium-Low and Trending Down
— Absolute Relative
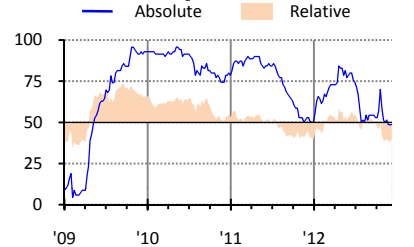
Correlation: Avg Stock to Idx, 12W ma = 0.46
Below Average and Trending Down
— Average +/- 1 StDev
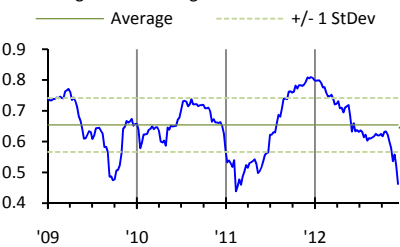
3M Diffusion Index = 10.0
Low and Trending Down
— Absolute Relative
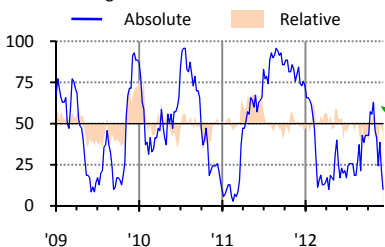
Margins (Oper Earn as % of Rev) = 23.3%
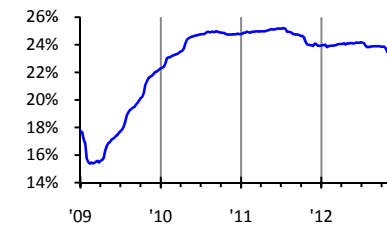
3M Diffusion Index = 37.1
Medium-Low and Trending Down
— Absolute Relative
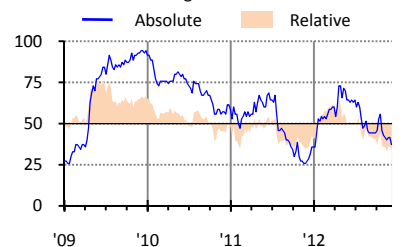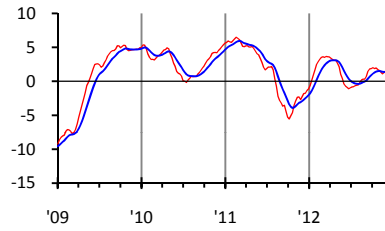
11

Price

Unweighted — Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

• Constituent Stocks   ● Index

Average Analyst Rating

Price to Forward 4Q Earnings = 14.7
Below Average and Trending Up

— Average   +/- 1 StDev

3M Diffusion Index = 35.5
Medium-Low and Trending Down

— Absolute   Relative
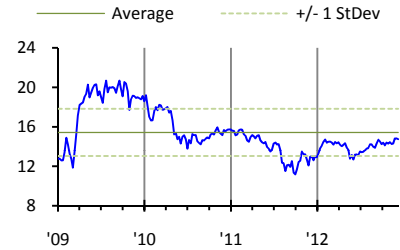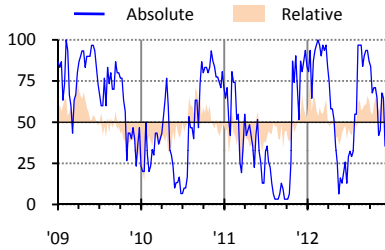
Operating Earnings: Next 4Q, YoY = -5.6%
Negative and Trending Up
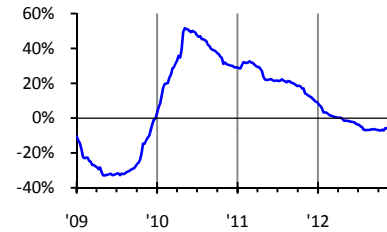
3M Diffusion Index = 25.8
Medium-Low and Trending Up
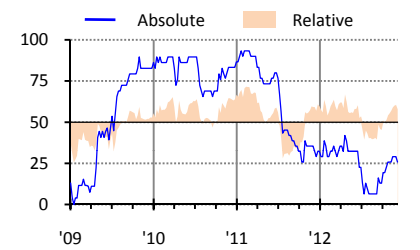
— Absolute   Relative

Price to Book = 2.7
Above Average and Trending Down

— Average   +/- 1 StDev

3M Diffusion Index = 35.5
Medium-Low and Trending Down

— Absolute   Relative
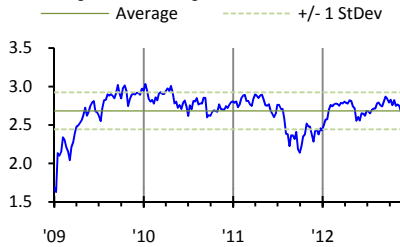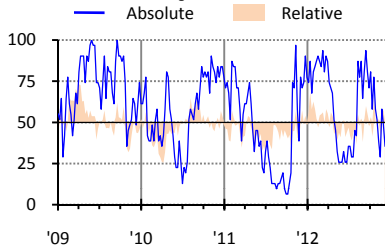
Revenues: Next 4Q, YoY = 0.5%
Positive and Trending Down
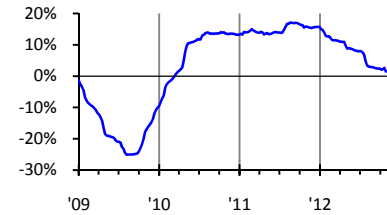
3M Diffusion Index = 51.6
Medium-High and Trending Up
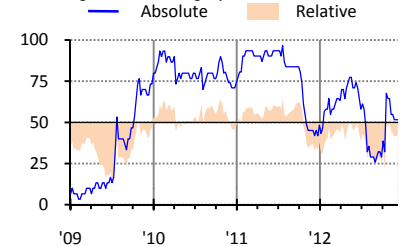
— Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.52
Below Average and Trending Down

— Average   +/- 1 StDev

3M Diffusion Index = 12.9
Low and Trending Down

— Absolute   Relative
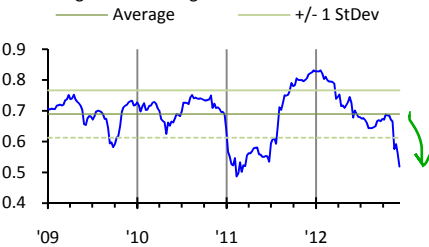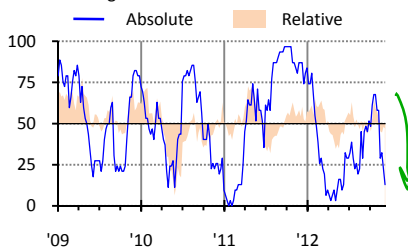
Margins (Oper Earn as % of Rev) = 16.4%
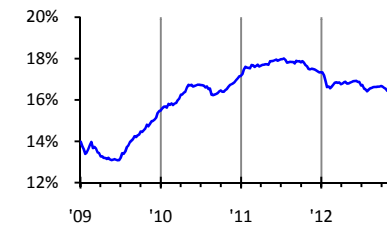
3M Diffusion Index = 67.7
Medium-High and Trending Up
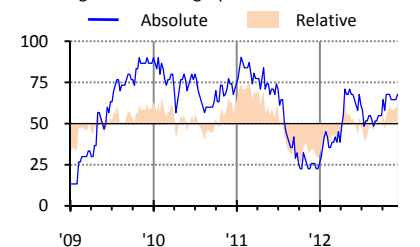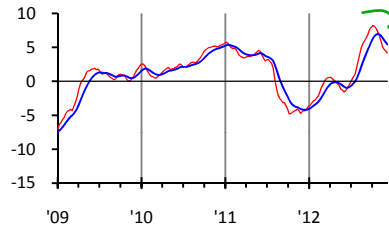
— Absolute   Relative

Price

Unweighted — Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

• Constituent Stocks   ● Index
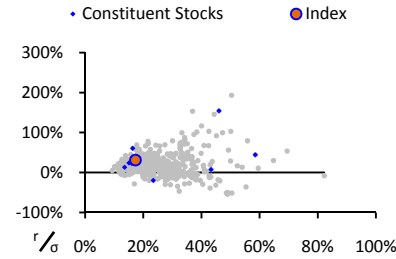
Average Analyst Rating

Price to Forward 4Q Earnings = 19.9
Above Average and Trending Down
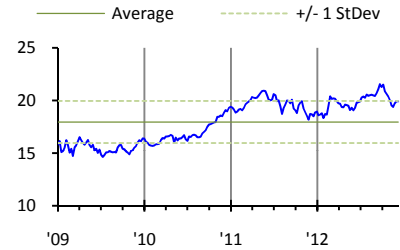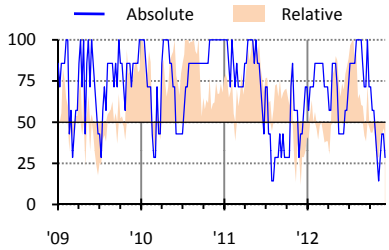
— Average   — +/- 1 StDev

3M Diffusion Index = 28.6
Medium-Low and Trending Down

— Absolute   Relative

Operating Earnings: Next 4Q, YoY = 3.2%
Positive and Trending Up

3M Diffusion Index = 50.0
Medium-Low and Trending Up

— Absolute   Relative

Price to Book = 2.9
Above Average and Trending Down

— Average   — +/- 1 StDev

3M Diffusion Index = 25.0
Medium-Low and Trending Down

— Absolute   Relative
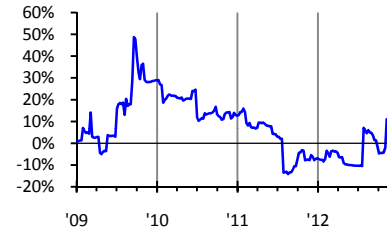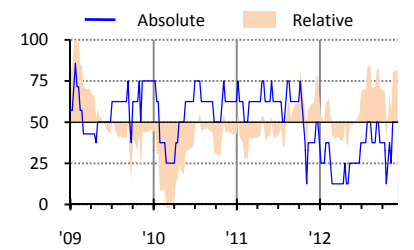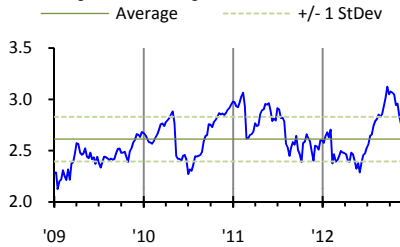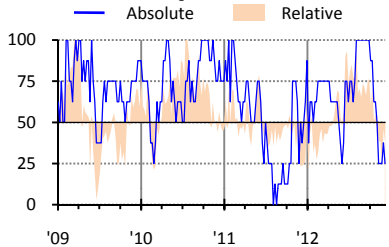
Revenues: Next 4Q, YoY = 8.9%
Positive and Trending Up

3M Diffusion Index = 50.0
Medium-Low and Trending Down
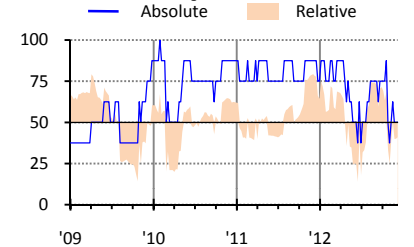
— Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.49
Below Average and Trending Up

— Average   — +/- 1 StDev

3M Diffusion Index = 50.0
Medium-Low and Trending Down

— Absolute   Relative
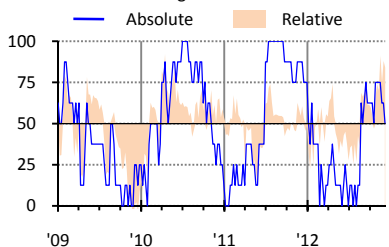
Margins (Oper Earn as % of Rev) = 18.3%
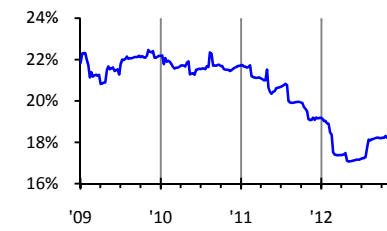
3M Diffusion Index = 62.5
Medium-High and Trending Down

— Absolute   Relative

Price

— Unweighted   - - - Weighted

Price Momentum: Absolute Weekly MACD

Risk/Return (52 wk return vs st dev, ann'd)

• Constituent Stocks   ◉ Index
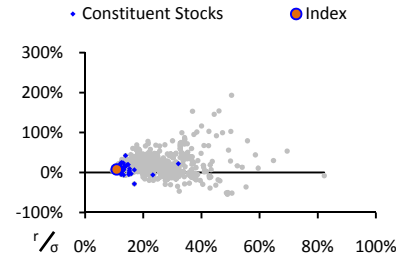
Average Analyst Rating

Price to Forward 4Q Earnings = 15.7
Above Average and Trending Up

—— Average   - - - +/- 1 StDev
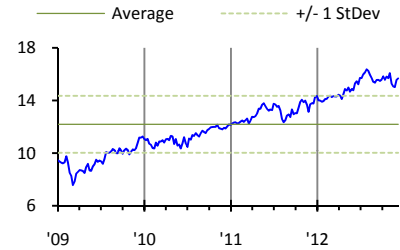
3M Diffusion Index = 38.7
Medium-Low and Trending Up

— Absolute   Relative
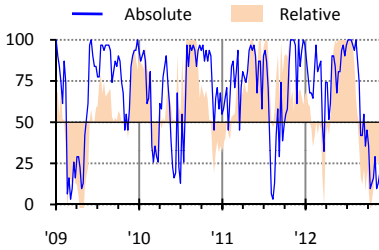
Operating Earnings: Next 4Q, YoY = -4.3%
Negative and Trending Down

3M Diffusion Index = 12.9
Low and Trending Down

— Absolute   Relative
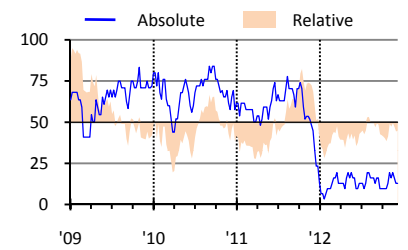
Price to Book = 1.5
Above Average and Trending Down

—— Average   - - - +/- 1 StDev

3M Diffusion Index = 22.6
Low and Trending Down

— Absolute   Relative
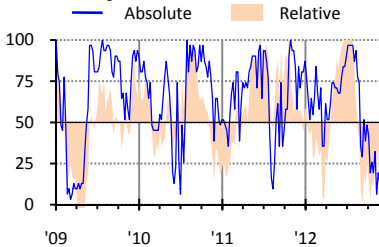
Revenues: Next 4Q, YoY = 3.8%
Positive and Trending Down
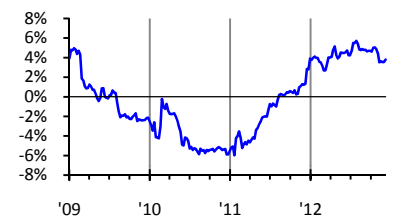
3M Diffusion Index = 54.8
Medium-High and Trending Up
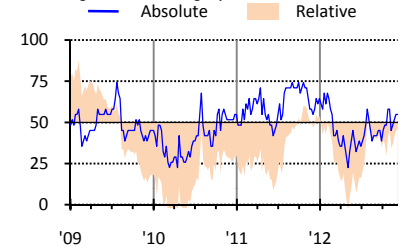
— Absolute   Relative

Correlation: Avg Stock to Idx, 12W ma = 0.39
Below Average and Trending Down

—— Average   - - - +/- 1 StDev

3M Diffusion Index = 12.9
Low and Trending Down

— Absolute   Relative
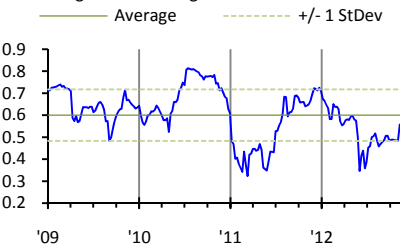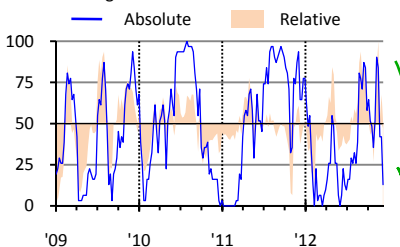
Margins (Oper Earn as % of Rev) = 18.2%
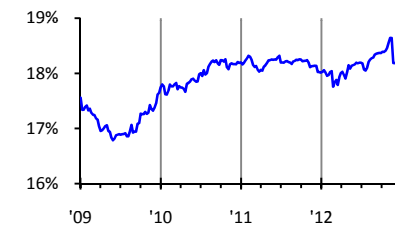
3M Diffusion Index = 64.5
Medium-High and Trending Down
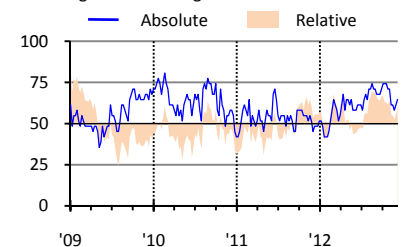
— Absolute   Relative

ABSOLUTE

Consumer Discretionary
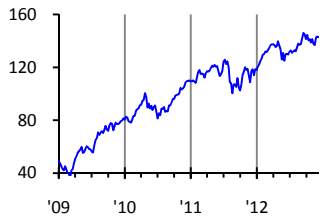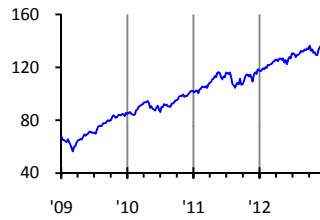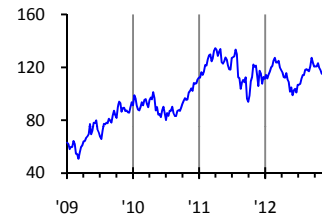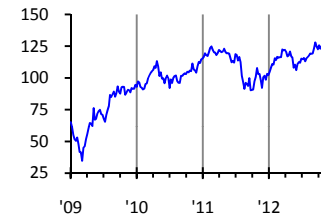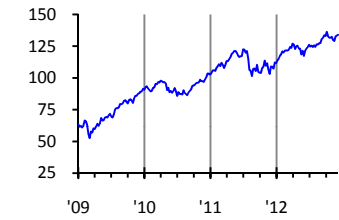
Consumer Staples

Energy

Financials

Health
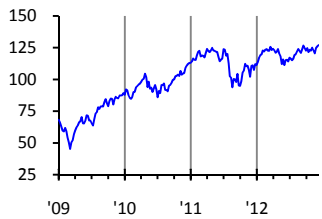
Industrials

Information Technology
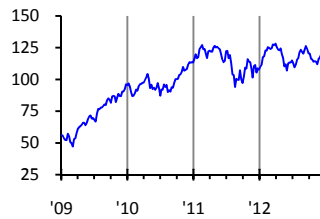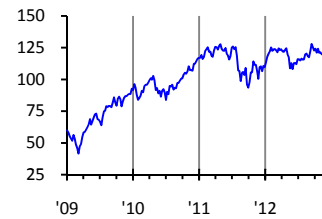
Materials

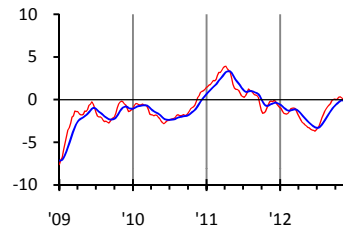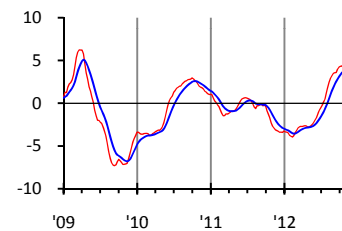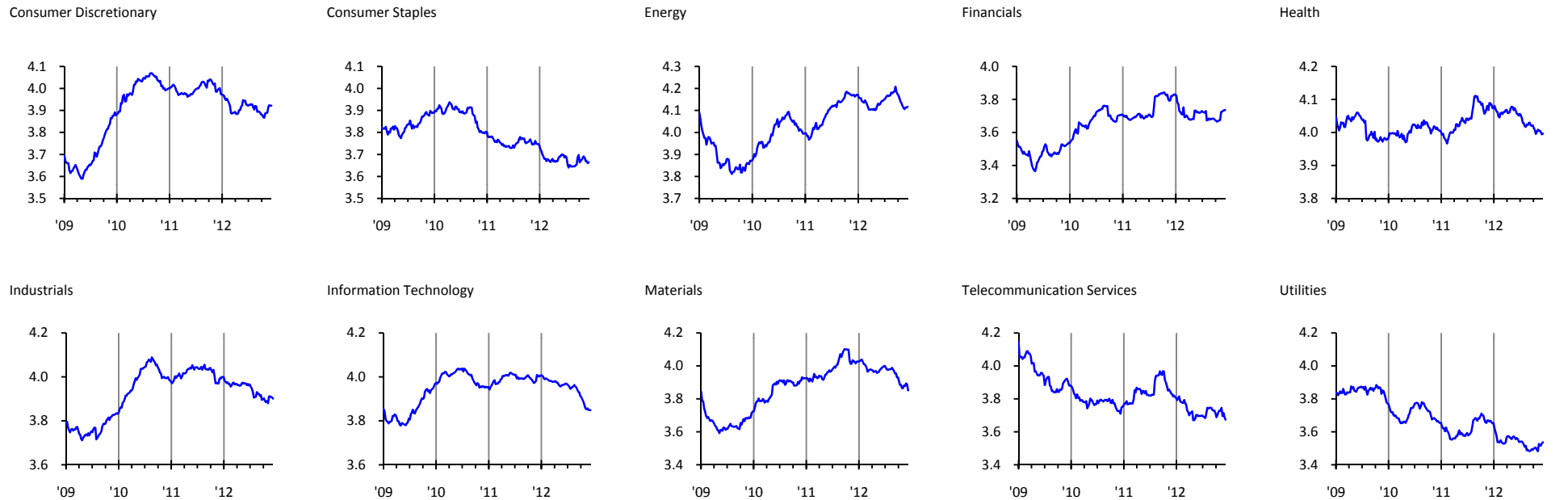### Telecommunication Services
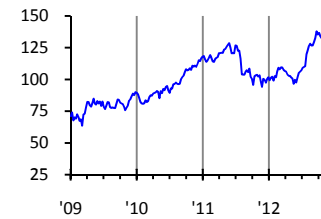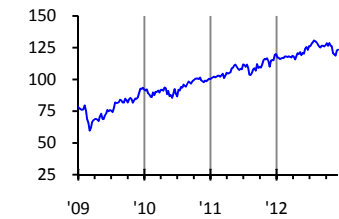
Utilities

RELATIVE TO TOTAL INDEX

Consumer Discretionary
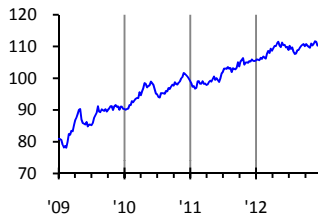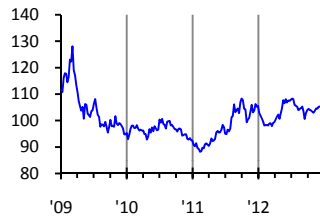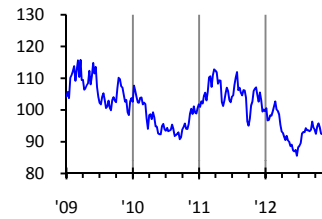
Consumer Staples

Energy
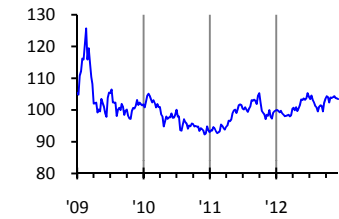
Financials

Health
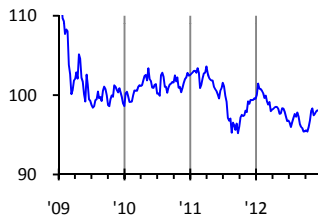
Industrials

Information Technology
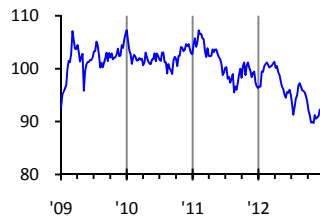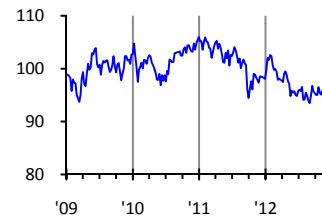
Materials
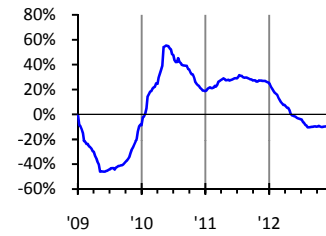

Telecommunication Services
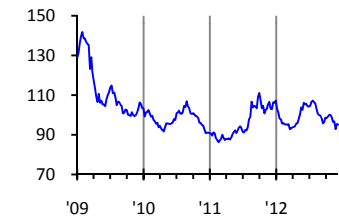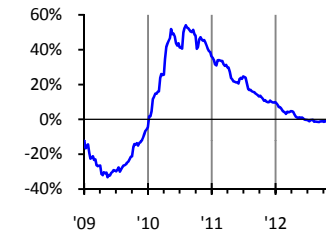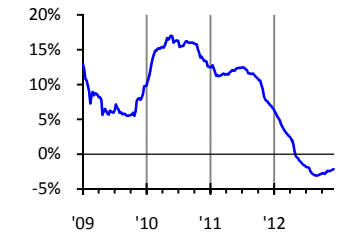

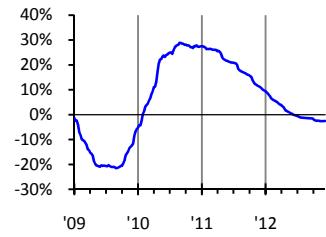### Utilities

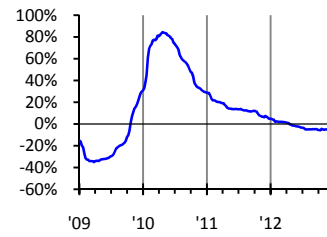ABSOLUTE MACD

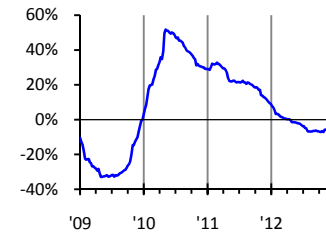Consumer Discretionary
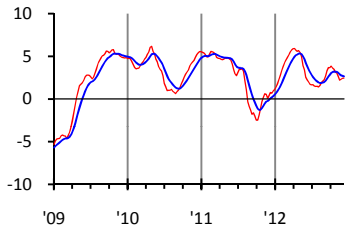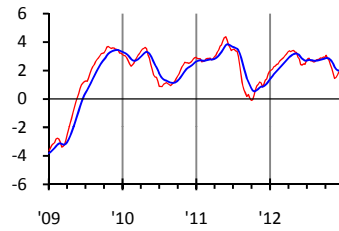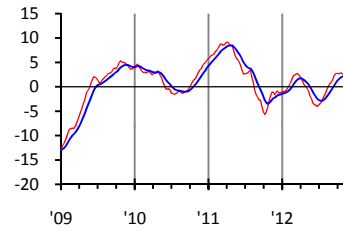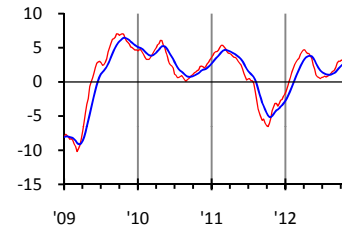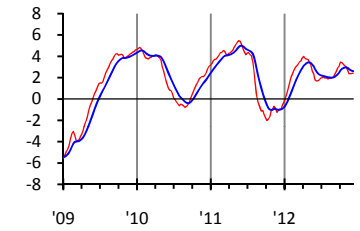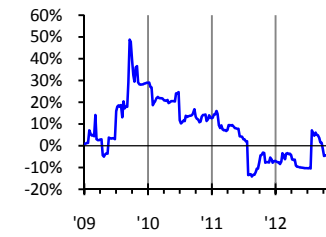
Consumer Staples

Energy

Financials

Health
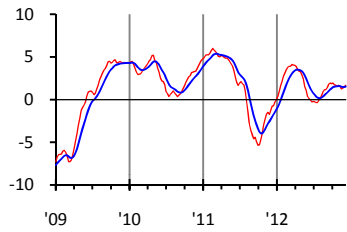
Industrials

Information Technology
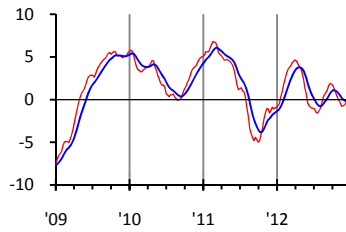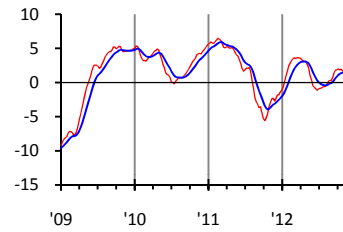
Materials

Telecommunication Services
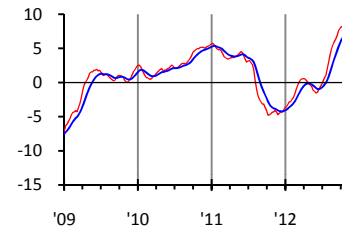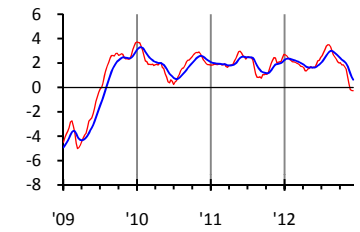
Utilities

RELATIVE MACD

Consumer Discretionary
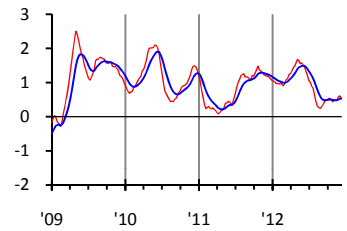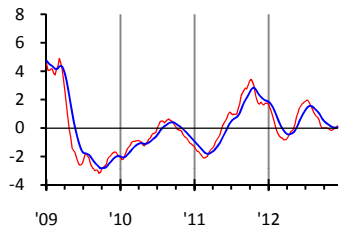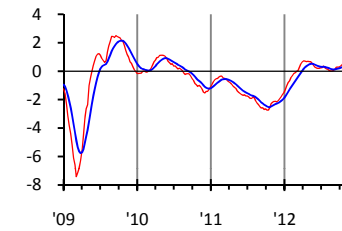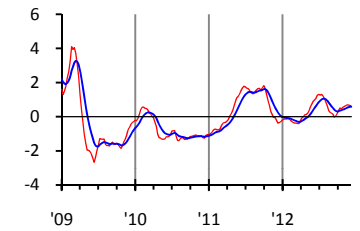
Consumer Staples

Energy

Financials

Health

Industrials
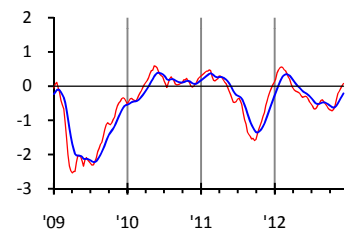
Information Technology
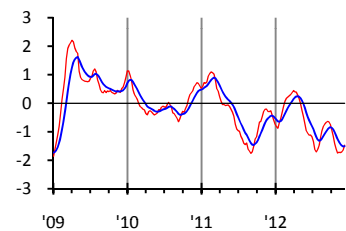
Materials
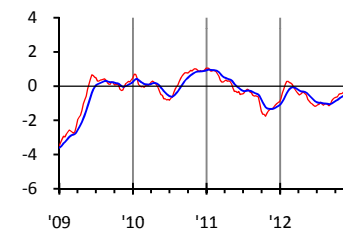
Telecommunication Services

Utilities
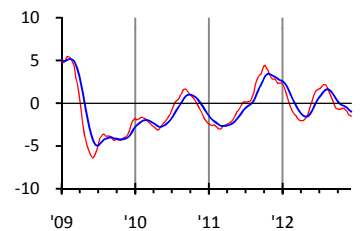
RISK AND RETURN (52 wk return vs st dev, ann'd)
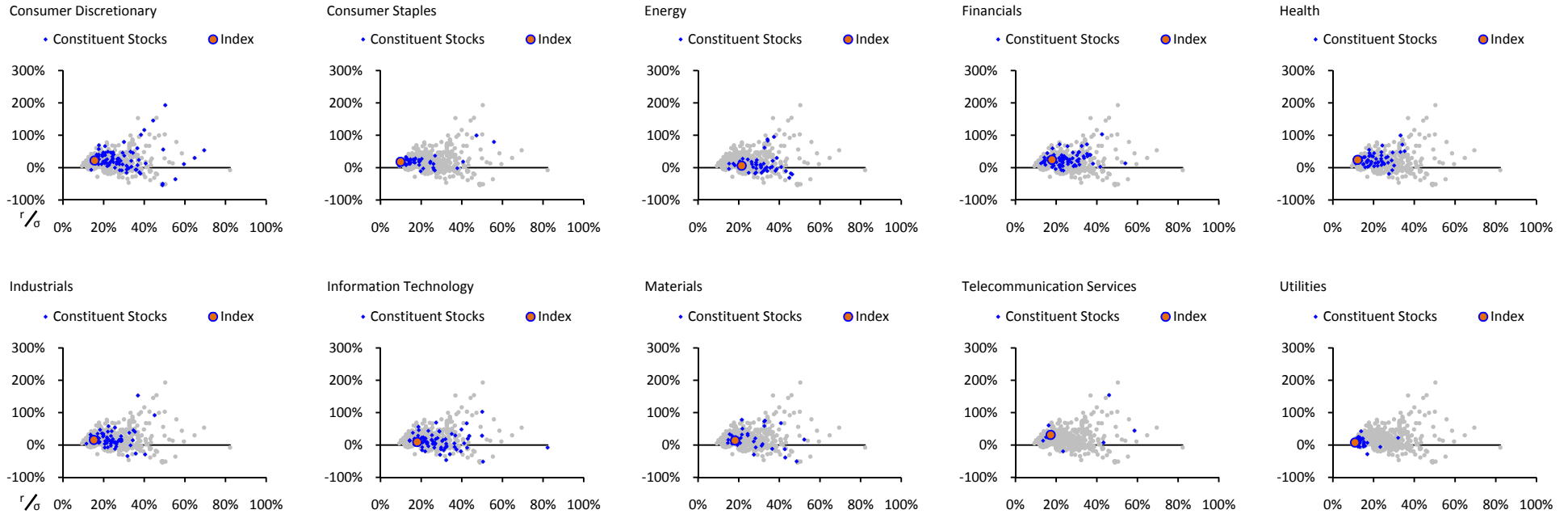
AVERAGE ANALYST RATING

OPERATING EARNINGS: NEXT 4Q, YOY

Consumer Discretionary
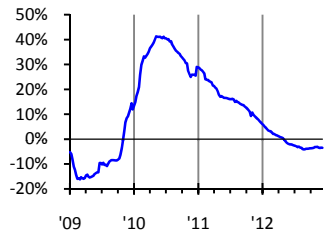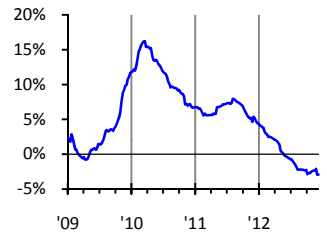
Consumer Staples

Energy

Financials

Health

Industrials
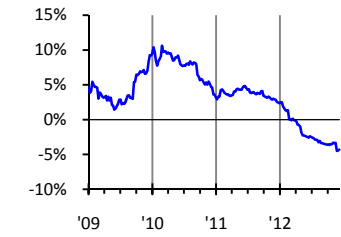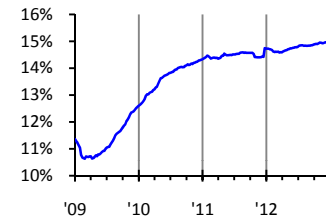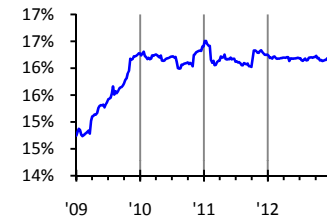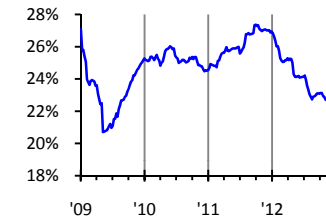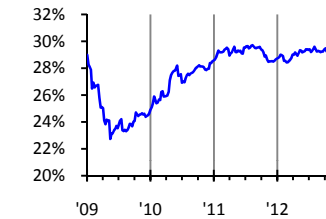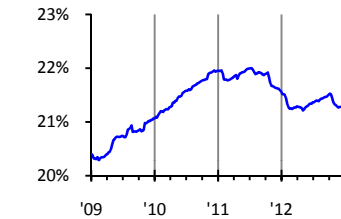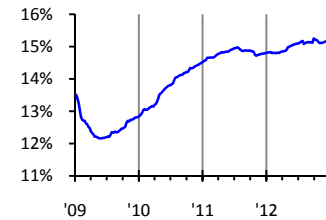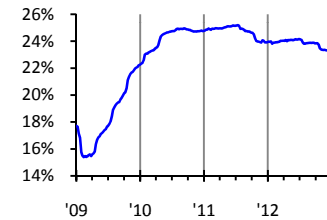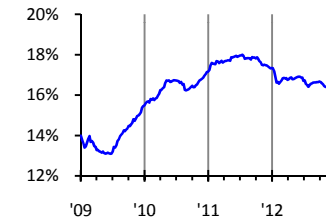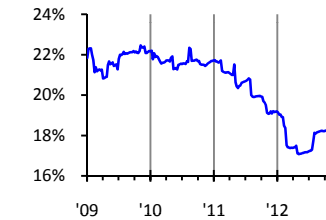

Information Technology

Materials

Telecommunication Services

Utilities

OPERATING MARGINS: EARNINGS AS % OF REVENUES

Consumer Discretionary

Consumer Staples

Energy

Financials

Health

Industrials

Information Technology

Materials

Telecommunication Services

Utilities