

Quant Briefing: Asset Performance Monitor

Yardeni Research, Inc.

November 17, 2017

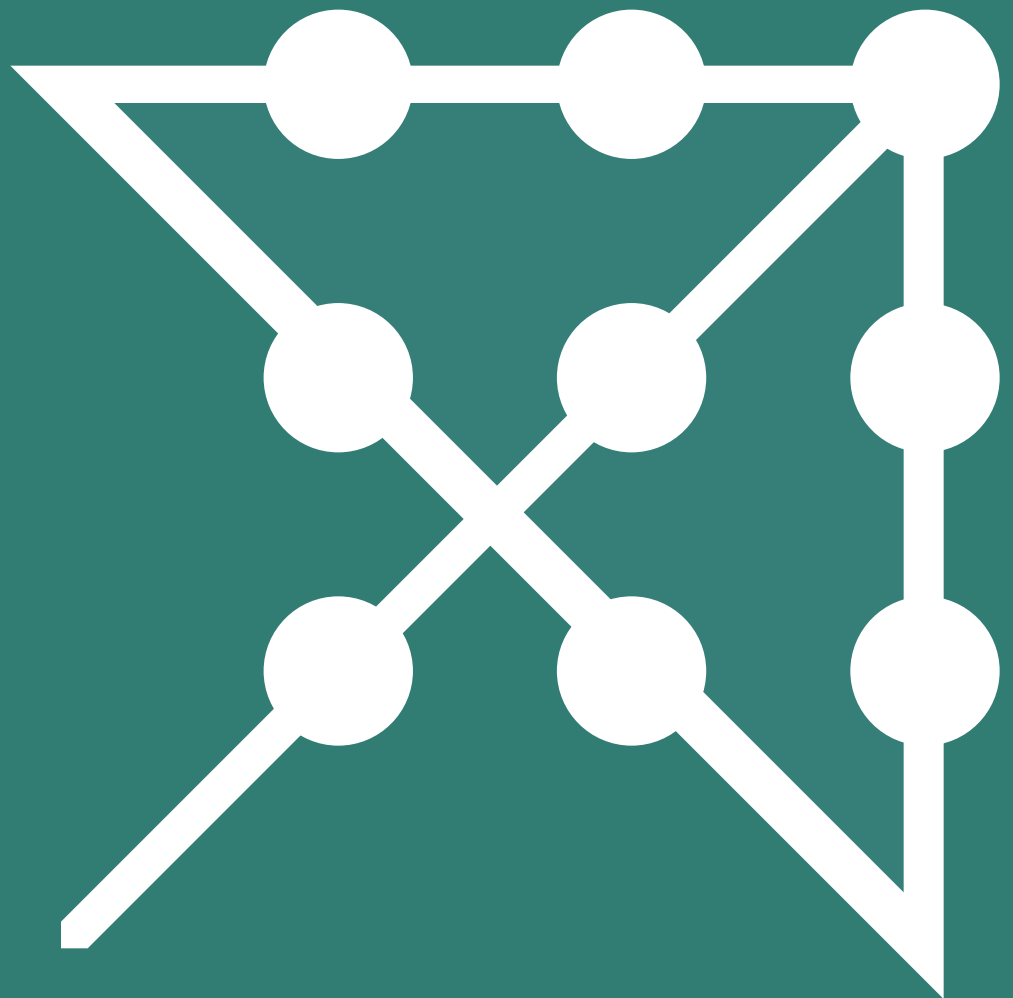
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thinking outside the box

World Stock Indexes

Table 1: MSCI Global Stock Markets Performance (US\$ as of November 17, 2017)

Daily % change		Week-T-D % change		W/W % change		Nov 2017-T-D % chg		Q4-2017-T-D % change		2017-T-D % change	
South Africa	3.2	South Africa	5.3	South Africa	5.3	South Africa	5.4	Korea	11.1	Argentina	60.7
Greece	2.7	Thailand	2.7	Thailand	2.7	China	3.9	China	8.1	China	51.8
Peru	2.1	Israel	2.6	Israel	2.6	Russia	3.2	South Africa	7.8	Austria	49.1
Chile	2.0	Ireland	1.6	Ireland	1.6	Hong Kong	3.1	Singapore (Free)	6.1	Poland	46.3
Sri Lanka	2.0	Korea	1.5	Korea	1.5	Morocco	2.7	Japan	6.0	Korea	46.3
Poland	1.6	Jordan	1.3	Jordan	1.3	Colombia	2.6	India	6.0	Chile	33.5
Thailand	1.5	Brazil	1.3	Brazil	1.3	Korea	2.5	Taiwan	5.4	Hungary	31.4
Singapore (Free)	1.5	Switzerland	0.9	Switzerland	0.9	Pakistan	2.2	Thailand	3.8	Peru	31.2
Israel	1.4	Indonesia	0.8	Indonesia	0.8	Indonesia	2.0	Peru	3.6	India	29.9
Brazil	1.4	Denmark	0.7	Denmark	0.7	Japan	1.3	Morocco	3.4	Hong Kong	28.7
Colombia	1.4	Colombia	0.7	Colombia	0.7	Thailand	1.3	Hong Kong	3.4	Denmark	27.0
Philippines	1.2	Morocco	0.7	Morocco	0.7	Singapore (Free)	1.0	Hungary	2.8	Netherlands	26.9
India	1.0	Finland	0.4	Finland	0.4	Jordan	0.7	United States	2.4	Singapore (Free)	26.8
Mexico	1.0	China	0.4	China	0.4	Canada	0.5	Chile	2.2	Taiwan	25.4
Indonesia	1.0	Hong Kong	0.4	Hong Kong	0.4	Philippines	0.2	Czech Republic	2.0	Thailand	24.2
Taiwan	0.9	Hungary	0.4	Hungary	0.4	United States	0.2	Indonesia	2.0	Italy	24.0
Ireland	0.9	Poland	0.3	Poland	0.3	Malaysia	0.1	Austria	1.8	France	23.6
China	0.8	Chile	0.2	Chile	0.2	Czech Republic	-0.1	Poland	1.7	Germany	23.0
Hungary	0.7	Peru	0.2	Peru	0.2	Switzerland	-0.1	Philippines	1.2	Czech Republic	22.5
Japan	0.6	Spain	0.1	Spain	0.1	Ireland	-0.2	Germany	1.0	Spain	22.3
Russia	0.6	Taiwan	0.0	Taiwan	0.0	Austria	-0.3	Russia	0.9	Turkey	22.2
Switzerland	0.6	Germany	0.0	Germany	0.0	Peru	-0.3	Australia	0.6	Norway	20.9
Malaysia	0.4	France	-0.1	France	-0.1	Finland	-0.4	Ireland	0.2	Japan	19.1
Korea	0.3	United States	-0.1	United States	-0.1	Germany	-0.5	Jordan	0.2	Finland	18.9
Hong Kong	0.2	Mexico	-0.3	Mexico	-0.3	Australia	-0.9	Canada	0.1	Brazil	18.8
Egypt	0.2	India	-0.3	India	-0.3	Taiwan	-0.9	Argentina	-0.3	South Africa	18.6
Czech Republic	0.1	Singapore (Free)	-0.4	Singapore (Free)	-0.4	Mexico	-1.1	Malaysia	-0.4	Portugal	18.4
Jordan	0.0	Netherlands	-0.4	Netherlands	-0.4	Portugal	-1.2	France	-0.7	Philippines	17.3
Morocco	0.0	Czech Republic	-0.5	Czech Republic	-0.5	India	-1.2	Norway	-1.2	Sweden	17.2
Pakistan	0.0	Malaysia	-0.5	Malaysia	-0.5	Brazil	-1.2	Netherlands	-1.2	Switzerland	15.6
Denmark	0.0	Austria	-0.8	Austria	-0.8	Poland	-1.6	UK	-1.8	United States	15.4
UK	0.0	Argentina	-0.8	Argentina	-0.8	Norway	-1.9	Switzerland	-1.8	Belgium	15.3
Finland	-0.1	UK	-0.9	UK	-0.9	Italy	-2.1	Denmark	-2.0	Indonesia	15.2
Argentina	-0.2	Japan	-1.1	Japan	-1.1	Netherlands	-2.1	Belgium	-2.7	Mexico	13.4
United States	-0.2	Philippines	-1.2	Philippines	-1.2	Hungary	-2.1	Finland	-2.8	Ireland	13.2
Canada	-0.3	Portugal	-1.3	Portugal	-1.3	France	-2.1	Portugal	-3.0	Malaysia	12.8
France	-0.3	Italy	-1.4	Italy	-1.4	UK	-2.2	Italy	-3.4	UK	9.9
Germany	-0.3	Canada	-1.4	Canada	-1.4	New Zealand	-2.2	Sri Lanka	-3.4	Canada	9.7
Australia	-0.3	Belgium	-1.4	Belgium	-1.4	Chile	-2.7	Spain	-3.8	Australia	9.2
Netherlands	-0.5	Russia	-1.7	Russia	-1.7	Denmark	-3.3	Sweden	-4.5	Morocco	8.7
Austria	-0.5	Greece	-2.0	Greece	-2.0	Spain	-3.6	Brazil	-4.6	Colombia	5.9
Italy	-0.5	Sweden	-2.0	Sweden	-2.0	Sweden	-4.1	Egypt	-5.4	Sri Lanka	2.1
New Zealand	-0.7	New Zealand	-2.3	New Zealand	-2.3	Egypt	-4.2	Turkey	-5.4	Greece	1.4
Portugal	-0.7	Sri Lanka	-2.3	Sri Lanka	-2.3	Belgium	-4.2	Pakistan	-5.7	Egypt	1.0
Spain	-0.7	Pakistan	-2.6	Pakistan	-2.6	Sri Lanka	-4.2	Colombia	-6.7	Russia	-1.9
Belgium	-0.8	Turkey	-2.7	Turkey	-2.7	Israel	-4.8	Israel	-7.7	Jordan	-2.6
Turkey	-0.9	Norway	-2.8	Norway	-2.8	Turkey	-5.5	New Zealand	-8.6	New Zealand	-3.8
Norway	-1.5	Australia	-2.9	Australia	-2.9	Argentina	-5.6	Mexico	-8.7	Israel	-10.5
Sweden	-1.5	Egypt	-5.0	Egypt	-5.0	Greece	-7.5	Greece	-9.5	Pakistan	-27.2
EM Latam	1.4	EM Latam	0.7	EM Latam	0.7	BRIC	2.2	EM Asia	7.3	EM Asia	39.0
EM	1.0	EM	0.7	EM	0.7	EM Asia	1.9	BRIC	5.2	BRIC	37.3
BRIC	0.9	EM Asia	0.5	EM Asia	0.5	EM	1.6	EM	5.1	EM	31.8
EM East Europe	0.8	BRIC	0.3	BRIC	0.3	EM East Europe	1.5	AC World	2.0	EMU	23.2
EM Asia	0.8	EMU	-0.2	EMU	-0.2	AC World	0.0	AC World ex-US	1.7	AC World ex-US	20.5
EMEA	0.5	AC World	-0.2	AC World	-0.2	AC World ex-US	-0.2	Dev World ex-US	1.6	EM Latam	18.6
AC World ex-US	0.2	Dev World ex-US	-0.3	Dev World ex-US	-0.3	Dev World ex-US	-0.2	EM East Europe	1.2	EAFE	17.9
EAFE	0.0	AC World ex-US	-0.4	AC World ex-US	-0.4	EMEA	-0.8	EAFE	0.6	AC World	17.8
AC World	0.0	EAFE	-0.7	EAFE	-0.7	EAFE	-0.8	EMU	-0.9	Dev World ex-US	16.1
Dev World ex-US	-0.1	EM East Europe	-1.0	EM East Europe	-1.0	EM Latam	-1.2	EMEA	-1.0	EM East Europe	9.6
EMU	-0.4	EMEA	-1.3	EMEA	-1.3	EMU	-1.8	EM Latam	-4.8	EMEA	6.7

Source: Haver Analytics.

S&P 1500 Sectors

Table 2: S&P 1500 Sectors Performance (as of November 17, 2017)

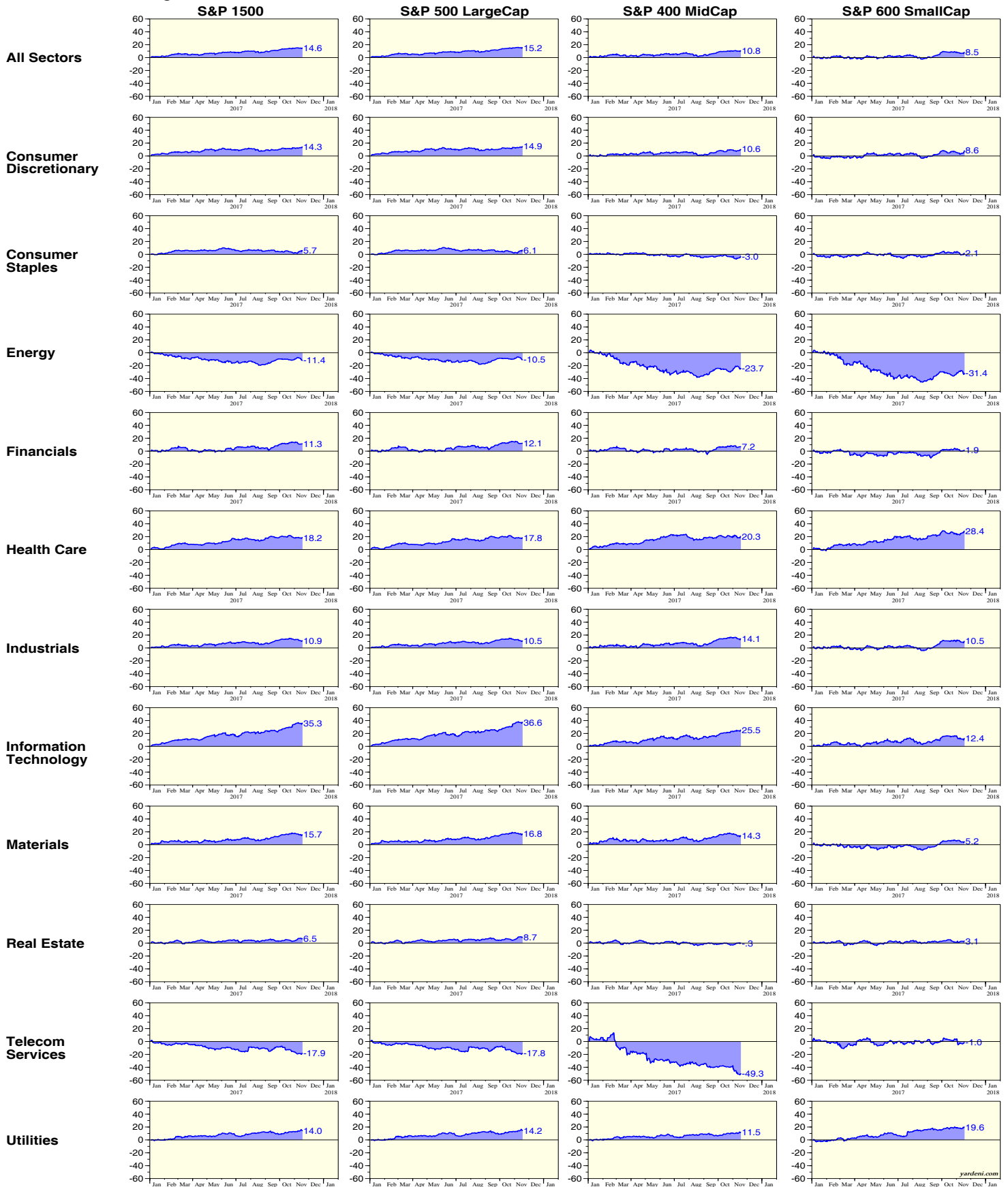
Weekly % change		November 2017-T-D % change	
SmallCap Consumer Discretionary	4.2	MidCap Energy	4.3
MidCap Consumer Staples	3.2	LargeCap Consumer Staples	3.2
SmallCap Health Care	2.8	LargeCap Real Estate	3.1
SmallCap Consumer Staples	2.6	SuperComposite Consumer Staples	3.0
MidCap Telecommunication Services	2.4	SuperComposite Real Estate	2.9
SmallCap Telecommunication Services	2.1	MidCap Real Estate	2.8
MidCap Consumer Discretionary	2.0	SmallCap Consumer Discretionary	2.7
SmallCap Utilities	2.0	SmallCap Health Care	2.7
SmallCap Financials	2.0	LargeCap Consumer Discretionary	1.7
MidCap Health Care	1.9	SuperComposite Consumer Discretionary	1.7
S&P 600 SmallCap	1.7	SmallCap Real Estate	1.7
MidCap Utilities	1.4	MidCap Information Technology	1.4
SuperComposite Consumer Discretionary	1.4	SmallCap Energy	1.1
MidCap Financials	1.3	MidCap Consumer Discretionary	1.0
LargeCap Consumer Discretionary	1.3	LargeCap Utilities	0.9
SmallCap Industrials	1.3	SuperComposite Utilities	0.8
SuperComposite Consumer Staples	1.1	MidCap Consumer Staples	0.8
MidCap Information Technology	1.0	LargeCap Information Technology	0.7
LargeCap Consumer Staples	1.0	SuperComposite Information Technology	0.6
SmallCap Materials	0.9	MidCap Utilities	0.6
SmallCap Information Technology	0.9	SmallCap Utilities	0.4
SuperComposite Telecommunication Services	0.9	S&P 400 MidCap	0.3
S&P 400 MidCap	0.8	S&P 500 LargeCap	0.1
MidCap Materials	0.8	S&P 1500 SuperComposite	0.1
LargeCap Telecommunication Services	0.8	SuperComposite Health Care	0.1
SuperComposite Utilities	0.4	LargeCap Health Care	0.1
SuperComposite Financials	0.4	S&P 600 SmallCap	-0.3
SuperComposite Materials	0.3	MidCap Financials	-0.4
LargeCap Financials	0.3	MidCap Health Care	-0.6
LargeCap Utilities	0.2	SuperComposite Energy	-1.0
SuperComposite Health Care	0.2	SmallCap Materials	-1.1
LargeCap Materials	0.2	LargeCap Energy	-1.3
SmallCap Real Estate	0.1	LargeCap Materials	-1.4
LargeCap Health Care	0.0	SmallCap Financials	-1.4
S&P 1500 SuperComposite	0.0	SmallCap Industrials	-1.4
S&P 500 LargeCap	-0.1	SuperComposite Materials	-1.4
MidCap Real Estate	-0.2	SuperComposite Financials	-1.6
MidCap Industrials	-0.2	SmallCap Consumer Staples	-1.7
SuperComposite Information Technology	-0.3	MidCap Industrials	-1.7
LargeCap Information Technology	-0.4	SuperComposite Industrials	-1.7
SuperComposite Real Estate	-0.7	LargeCap Industrials	-1.8
SuperComposite Industrials	-0.9	LargeCap Financials	-1.8
LargeCap Real Estate	-0.9	MidCap Materials	-1.8
LargeCap Industrials	-1.1	LargeCap Telecommunication Services	-2.1
LargeCap Energy	-3.4	SuperComposite Telecommunication Services	-2.3
SuperComposite Energy	-3.4	SmallCap Information Technology	-3.5
MidCap Energy	-3.7	SmallCap Telecommunication Services	-5.0
SmallCap Energy	-5.3	MidCap Telecommunication Services	-18.9

Q4-2017-T-D % change		2017-T-D % change	
LargeCap Information Technology	8.4	LargeCap Information Technology	36.6
SuperComposite Information Technology	8.1	SuperComposite Information Technology	35.3
MidCap Information Technology	7.3	SmallCap Health Care	28.4
MidCap Utilities	5.1	MidCap Information Technology	25.5
SuperComposite Utilities	4.8	MidCap Health Care	20.3
LargeCap Utilities	4.8	SmallCap Utilities	19.6
SmallCap Utilities	3.9	SuperComposite Health Care	18.2
LargeCap Real Estate	3.8	LargeCap Health Care	17.8
LargeCap Consumer Discretionary	3.7	LargeCap Materials	16.8
SuperComposite Consumer Discretionary	3.6	SuperComposite Materials	15.7
SuperComposite Real Estate	3.2	S&P 500 LargeCap	15.2
MidCap Consumer Discretionary	2.8	LargeCap Consumer Discretionary	14.9
S&P 400 MidCap	2.5	S&P 1500 SuperComposite	14.6
LargeCap Materials	2.4	SuperComposite Consumer Discretionary	14.3
S&P 500 LargeCap	2.4	MidCap Materials	14.3
S&P 1500 SuperComposite	2.3	LargeCap Utilities	14.2
SuperComposite Materials	2.1	MidCap Industrials	14.1
LargeCap Consumer Staples	1.5	SuperComposite Utilities	14.0
MidCap Real Estate	1.5	SmallCap Information Technology	12.4
SuperComposite Consumer Staples	1.5	LargeCap Financials	12.1
SmallCap Materials	1.4	MidCap Utilities	11.5
SmallCap Health Care	1.4	SuperComposite Financials	11.3
MidCap Financials	1.3	SuperComposite Industrials	10.9
MidCap Industrials	1.1	S&P 400 MidCap	10.8
SmallCap Consumer Discretionary	1.1	MidCap Consumer Discretionary	10.6
MidCap Materials	1.0	LargeCap Industrials	10.5
SuperComposite Financials	1.0	SmallCap Industrials	10.5
LargeCap Financials	1.0	LargeCap Real Estate	8.7
SmallCap Industrials	0.7	SmallCap Consumer Discretionary	8.6
SmallCap Financials	0.7	S&P 600 SmallCap	8.5
MidCap Energy	0.6	MidCap Financials	7.2
S&P 600 SmallCap	0.5	SuperComposite Real Estate	6.5
SmallCap Real Estate	0.4	LargeCap Consumer Staples	6.1
MidCap Health Care	0.3	SuperComposite Consumer Staples	5.7
MidCap Consumer Staples	-0.3	SmallCap Materials	5.2
SuperComposite Health Care	-0.7	SmallCap Real Estate	3.1
SmallCap Information Technology	-0.8	SmallCap Consumer Staples	2.1
LargeCap Health Care	-0.8	SmallCap Financials	1.9
SmallCap Telecommunication Services	-1.0	MidCap Real Estate	-0.3
SmallCap Consumer Staples	-1.1	SmallCap Telecommunication Services	-1.0
SuperComposite Industrials	-1.2	MidCap Consumer Staples	-3.0
LargeCap Industrials	-1.6	LargeCap Energy	-10.5
SuperComposite Energy	-1.9	SuperComposite Energy	-11.4
LargeCap Energy	-2.1	LargeCap Telecommunication Services	-17.8
SmallCap Energy	-2.5	SuperComposite Telecommunication Services	-17.9
SuperComposite Telecommunication Services	-10.5	MidCap Energy	-23.7
LargeCap Telecommunication Services	-10.6	SmallCap Energy	-31.4
MidCap Telecommunication Services	-15.6	MidCap Telecommunication Services	-49.3

Source: Standard & Poor's Corporation and Haver Analytics.

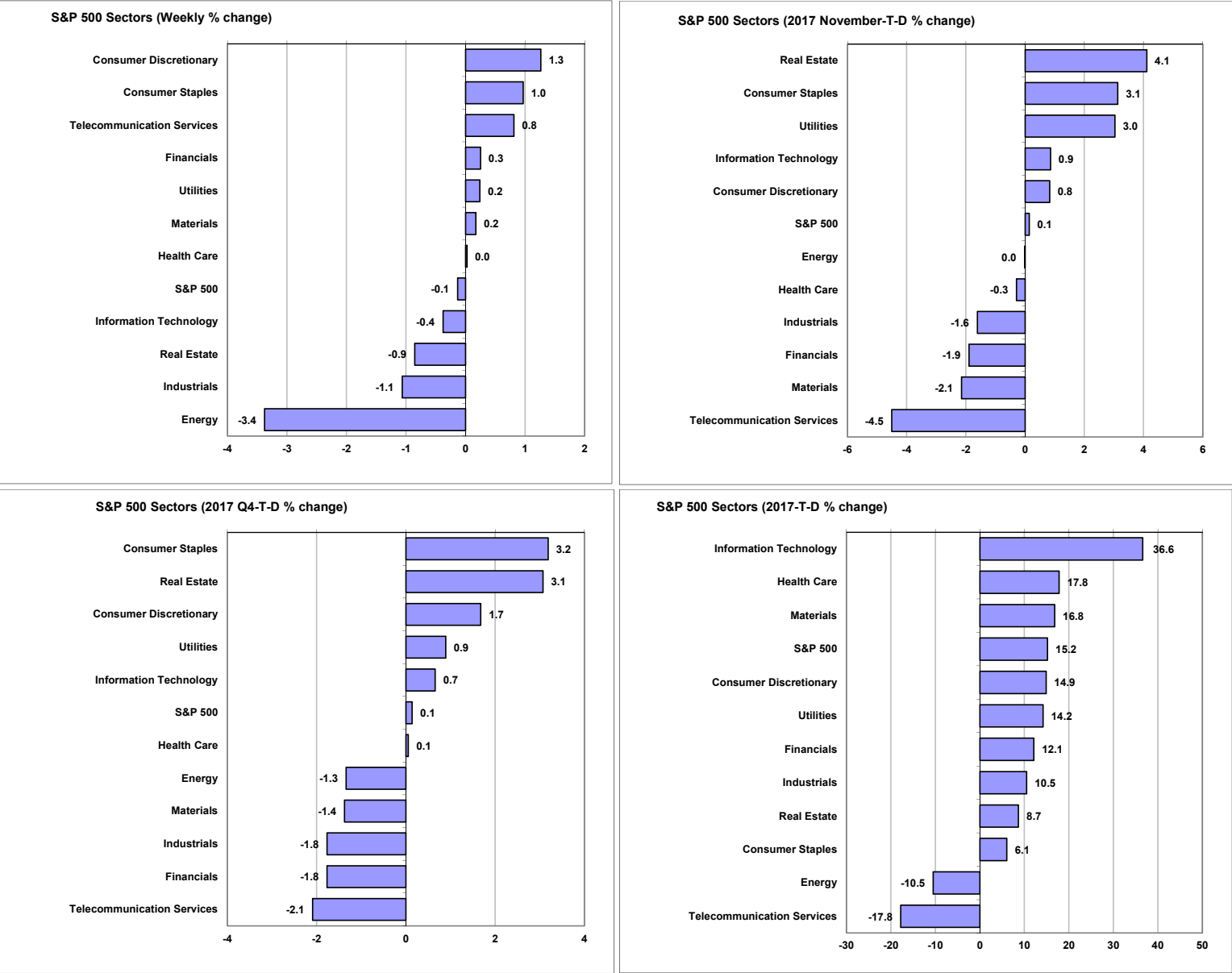
S&P 1500/500/400/600 YTD Performance

Figure 1.



S&P 500 Sectors

Figure 2: S&P 500 Sectors Performance (as of November 17, 2017)



Source: Standard & Poor's Corporation and Haver Analytics.

S&P 500 Sectors & Industries

Table 3: S&P 500 Industry Performance (sorted by weekly % change as of November 17, 2017)

S&P 500 Industry	Weekly % Change	S&P 500 Industry	Weekly % Change
Leisure Products	12.3	Health Care Technology	0.1
Food Retail	6.0	Electric Utilities	0.1
Footwear	5.5	Semiconductors	0.1
Apparel Retail	5.4	Industrial Machinery	0.1
Specialty Stores	5.3	Soft Drinks	0.0
Communications Equipment	4.8	Health Care	0.0
Publishing	4.7	Investment Banking & Brokerage	0.0
Hypermarkets & Super Centers	4.5	IT Consulting & Other Services	0.0
Specialized Consumer Services	4.0	Industrial REITS	0.0
Indep Power Producers & Energy Traders	3.9	Metal & Glass Containers	0.0
Human Resource & Employment Services	3.8	Life & Health Insurance	0.0
Real Estate Services	3.0	Household Products	-0.1
Tires & Rubber	3.0	Drug Retail	-0.1
Homebuilding	2.9	Motorcycle Manufacturers	-0.1
Health Care Supplies	2.8	S&P 500	-0.1
Agricultural & Farm Machinery	2.7	Building Products	-0.2
Home Furnishings	2.6	Pharmaceuticals	-0.2
Automotive Retail	2.6	Data Processing & Outsourced Services	-0.2
Home Improvement Retail	2.5	Casinos & Gaming	-0.3
Auto Parts & Equipment	2.5	Distillers & Vintners	-0.3
Apparel, Accessories & Luxury Goods	2.5	Internet Software & Services	-0.3
Health Care Distributors	2.5	Commodity Chemicals	-0.3
Hotels, Resorts & Cruise Lines	2.4	Specialty Chemicals	-0.4
Advertising	2.3	Information Technology	-0.4
Regional Banks	2.3	Trucking	-0.4
Health Care Services	2.3	Electronic Equipment & Instruments	-0.4
Airlines	2.3	Home Entertainment Software	-0.5
Household Appliances	2.1	Hotel & Resort REITS	-0.5
Gold	1.9	Fertilizers & Agricultural Chemicals	-0.5
Diversified Support Services	1.9	Aerospace & Defense	-0.6
Packaged Foods & Meats	1.8	Health Care REITS	-0.6
Department Stores	1.8	Managed Health Care	-0.6
Financial Exchanges & Data	1.7	Railroads	-0.6
Life Sciences Tools & Services	1.7	Insurance Brokers	-0.7
Asset Management & Custody Banks	1.7	Air Freight & Logistics	-0.7
Electronic Manufacturing Services	1.6	Brewers	-0.8
Automobile Manufacturers	1.6	Real Estate	-0.9
Application Software	1.5	Construction & Engineering	-1.0
Research & Consulting Services	1.4	Biotechnology	-1.0
Food Distributors	1.3	Cable & Satellite	-1.1
Consumer Discretionary	1.3	Industrials	-1.1
Industrial Gases	1.2	Electrical Components & Equipment	-1.1
Consumer Finance	1.2	Environmental & Facilities Services	-1.2
Distributors	1.2	Property & Casualty Insurance	-1.2
Paper Packaging	1.0	Agricultural Products	-1.3
Personal Products	1.0	Multi-Sector Holdings	-1.4
Consumer Electronics	1.0	Systems Software	-1.5
Integrated Telecommunication Services	1.0	Computer & Electronics Retail	-1.5
Consumer Staples	1.0	Construction Materials	-1.6
Diversified Chemicals	0.9	Multi-line Insurance	-1.7
Health Care Equipment	0.9	Specialized REITS	-1.7
Telecommunication Services	0.8	Residential REITS	-1.8
Internet & Direct Marketing Retail	0.8	Steel	-1.8
Broadcasting	0.8	Technology Hardware, Storage & Peripherals	-1.9
Trading Companies & Distributors	0.8	General Merchandise Stores	-2.0
Tobacco	0.7	Construction Machinery & Heavy Trucks	-2.1
Retail REITS	0.6	Reinsurance	-2.1
Electronic Components	0.6	Housewares & Specialties	-2.5
Semiconductor Equipment	0.5	Integrated Oil & Gas	-2.5
Water Utilities	0.3	Health Care Facilities	-3.3
Restaurants	0.3	Energy	-3.4
Financials	0.3	Copper	-3.8
Diversified Banks	0.2	Oil & Gas Storage & Transportation	-3.9
Utilities	0.2	Industrial Conglomerates	-4.0
Oil & Gas Refining & Marketing	0.2	Oil & Gas Drilling	-4.2
Office REITS	0.2	Alternative Carriers	-4.4
Multi-Utilities	0.2	Oil & Gas Exploration & Production	-4.8
Materials	0.2	Oil & Gas Equipment & Services	-6.0
Movies & Entertainment	0.1		

Source: Standard & Poor's Corporation and Haver Analytics.

S&P 500 Sectors & Industries

Table 4: S&P 500 Sector and Industry Performance (sorted by sector, data as of November 17, 2017)

S&P 500 Industry	Weekly % Change	2017 % Change	S&P 500 Industry	Weekly % Change	2017 % Change
S&P 500	-0.1	15.2	Consumer Staples	1.0	6.1
Consumer Discretionary	1.3	14.9	Agricultural Products	-1.3	-13.6
Advertising	2.3	-18.5	Brewers	-0.8	-18.1
Apparel Retail	5.4	-6.2	Distillers & Vintners	-0.3	38.7
Apparel, Accessories & Luxury Goods	2.5	10.4	Drug Retail	-0.1	-12.1
Auto Parts & Equipment	2.5	42.1	Food Distributors	1.3	-0.9
Automobile Manufacturers	1.6	12.6	Food Retail	6.0	-13.6
Automotive Retail	2.6	-20.1	Household Products	-0.1	5.5
Broadcasting	0.8	-11.7	Hypermarkets & Super Centers	4.5	29.1
Cable & Satellite	-1.1	7.6	Packaged Foods & Meats	1.8	-4.0
Casinos & Gaming	-0.3	63.2	Personal Products	1.0	39.6
Computer & Electronics Retail	-1.5	30.8	Soft Drinks	0.0	10.9
Consumer Electronics	1.0	22.1	Tobacco	0.7	5.3
Department Stores	1.8	-26.1	Energy	-3.4	-10.5
Distributors	1.2	3.4	Integrated Oil & Gas	-2.5	-7.6
Footwear	5.5	16.4	Oil & Gas Drilling	-4.2	-33.3
General Merchandise Stores	-2.0	-1.0	Oil & Gas Equipment & Services	-6.0	-24.8
Home Furnishings	2.6	22.3	Oil & Gas Exploration & Production	-4.8	-13.5
Home Improvement Retail	2.5	21.7	Oil & Gas Refining & Marketing	0.2	16.8
Homebuilding	2.9	62.3	Oil & Gas Storage & Transportation	-3.9	-13.6
Hotels, Resorts & Cruise Lines	2.4	41.9	Financials	0.3	12.1
Household Appliances	2.1	-9.0	Asset Management & Custody Banks	1.7	18.7
Housewares & Specialties	-2.5	-36.0	Consumer Finance	1.2	5.9
Internet & Direct Marketing Retail	0.8	43.9	Diversified Banks	0.2	11.4
Leisure Products	12.3	-5.6	Financial Exchanges & Data	1.7	32.2
Motorcycle Manufacturers	-0.1	-19.0	Insurance Brokers	-0.7	25.6
Movies & Entertainment	0.1	-1.9	Investment Banking & Brokerage	0.0	8.7
Publishing	4.7	38.0	Life & Health Insurance	0.0	10.9
Restaurants	0.3	19.3	Multi-line Insurance	-1.7	-0.7
Specialized Consumer Services	4.0	13.5	Multi-Sector Holdings	-1.4	11.0
Specialty Stores	5.3	-5.2	Property & Casualty Insurance	-1.2	17.4
Tires & Rubber	3.0	-3.0	Regional Banks	2.3	6.0
Health Care	0.0	17.8	Reinsurance	-2.1	na
Biotechnology	-1.0	15.5	Real Estate	-0.9	8.7
Health Care Distributors	2.5	-7.0	Health Care REITs	-0.6	-0.5
Health Care Equipment	0.9	29.6	Hotel & Resort REITs	-0.5	5.6
Health Care Facilities	-3.3	-1.5	Industrial REITs	0.0	24.0
Health Care Services	2.3	-8.7	Office REITs	0.2	-1.0
Health Care Supplies	2.8	49.6	Real Estate Services	3.0	35.9
Health Care Technology	0.1	38.1	Residential REITs	-1.8	5.1
Life Sciences Tools & Services	1.7	44.6	Retail REITs	0.6	-8.0
Managed Health Care	-0.6	36.5	Specialized REITs	-1.7	23.1
Pharmaceuticals	-0.2	8.2	Information Technology	-0.4	36.6
Industrials	-1.1	10.5	Application Software	1.5	58.1
Aerospace & Defense	-0.6	29.5	Communications Equipment	4.8	16.3
Agricultural & Farm Machinery	2.7	31.8	Data Processing & Outsourced Services	-0.2	37.9
Air Freight & Logistics	-0.7	5.5	Electronic Components	0.6	31.8
Airlines	2.3	-2.7	Electronic Equipment & Instruments	-0.4	28.6
Building Products	-0.2	4.3	Electronic Manufacturing Services	1.6	37.2
Construction & Engineering	-1.0	-2.3	Home Entertainment Software	-0.5	58.4
Construction Machinery & Heavy Trucks	-2.1	30.6	Internet Software & Services	-0.3	39.3
Diversified Support Services	1.9	28.9	IT Consulting & Other Services	0.0	8.0
Electrical Components & Equipment	-1.1	15.4	Semiconductor Equipment	0.5	72.6
Environmental & Facilities Services	-1.2	8.2	Semiconductors	0.1	36.8
Human Resource & Employment Services	3.8	12.5	Systems Software	-1.5	31.7
Industrial Conglomerates	-4.0	-11.4	Technology Hardware, Storage & Peripherals	-1.9	43.4
Industrial Machinery	0.1	24.5	Materials	0.2	16.8
Railroads	-0.6	19.1	Commodity Chemicals	-0.3	21.1
Research & Consulting Services	1.4	-4.7	Construction Materials	-1.6	-3.8
Trading Companies & Distributors	0.8	6.6	Copper	-3.8	5.1
Trucking	-0.4	3.7	Diversified Chemicals	0.9	22.2
Telecommunication Services	0.8	-17.8	Fertilizers & Agricultural Chemicals	-0.5	13.1
Alternative Carriers	-4.4	-28.5	Gold	1.9	6.3
Integrated Telecommunication Services	1.0	-17.3	Industrial Gases	1.2	20.7
Utilities	0.2	14.2	Metal & Glass Containers	0.0	6.5
Electric Utilities	0.1	14.2	Paper Packaging	1.0	12.7
Indep Power Producers & Energy Traders	3.9	40.8	Specialty Chemicals	-0.4	27.4
Multi-Utilities	0.2	12.2	Steel	-1.8	-7.9
Water Utilities	0.3	23.0			

Source: Standard & Poor's Corporation and Haver Analytics.

Commodities

Table 5: S&P Goldman Sach Commodity Indexes Performance (data as of November 17, 2017)

Daily % change		Week-T-D % change		November 2017-T-D % chg		Q4-2017-T-D % change		2017-T-D % change	
Crude Oil	2.5	Silver	3.1	Natural Gas	10.2	Lean Hogs	11.9	Aluminum	24.1
Heating Oil	2.3	Sugar	2.7	Wheat	6.0	Nickel	10.5	Zinc	24.0
Energy Commodities	2.1	Precious Metals	2.0	Kansas Wheat	5.5	Brent Crude	10.1	Industrial Metals	22.6
Brent Crude	2.1	Gold	1.8	Silver	4.7	Crude Oil	9.8	Copper	22.3
Nickel	2.0	Heating Oil	0.6	Crude Oil	4.3	Unleaded Gasoline	9.6	Feeder Cattle	21.3
Soybeans	1.9	Soybeans	0.4	Sugar	4.3	Sugar	9.0	Lead	21.0
Unleaded Gasoline	1.9	Cotton	0.3	Energy Commodities	3.6	Energy Commodities	8.9	Nickel	15.6
Silver	1.8	Corn	0.3	Heating Oil	3.6	Live Cattle	8.2	Gold	13.0
Corn	1.7	Aluminum	0.2	Agricultural Commodities	3.0	Heating Oil	7.7	Heating Oil	12.8
S&P GSCI	1.6	Agricultural Commodities	0.1	GasOil	2.7	Livestock	7.5	Precious Metals	12.5
Precious Metals	1.5	Copper	-0.1	Corn	2.7	S&P GSCI	6.5	GasOil	11.5
Gold	1.4	Crude Oil	-0.4	Brent Crude	2.6	Natural Gas	6.1	Brent Crude	10.1
Wheat	1.3	Agricultural & LiveStock	-0.4	Precious Metals	2.6	Silver	4.8	Silver	9.3
Natural Gas	1.2	Wheat	-0.4	S&P GSCI	2.5	Copper	4.7	Wheat	8.7
Lead	1.2	Live Cattle	-0.7	Gold	2.4	Cocoa	4.3	Livestock	7.6
Kansas Wheat	1.2	Industrial Metals	-0.7	Cocoa	1.8	GasOil	3.8	Live Cattle	7.4
Zinc	1.1	S&P GSCI	-0.8	Coffee	1.7	Agricultural & LiveStock	3.2	S&P GSCI	6.8
Agricultural Commodities	1.1	Energy Commodities	-1.1	Agricultural & LiveStock	1.5	Industrial Metals	2.5	Energy Commodities	6.4
GasOil	1.1	GasOil	-1.3	Cotton	1.4	Soybeans	2.3	Crude Oil	5.6
Lean Hogs	0.8	Zinc	-1.3	Lead	0.9	Precious Metals	1.6	Kansas Wheat	5.0
Sugar	0.7	Brent Crude	-1.4	Unleaded Gasoline	0.7	Agricultural Commodities	1.4	Unleaded Gasoline	4.4
Agricultural & LiveStock	0.7	Kansas Wheat	-1.6	Soybeans	0.6	Cotton	1.3	Lean Hogs	1.4
Industrial Metals	0.6	Livestock	-1.6	Live Cattle	-0.8	Gold	1.3	Agricultural & LiveStock	0.9
Copper	0.6	Coffee	-2.3	Copper	-1.0	Zinc	0.5	Corn	0.9
Cotton	0.2	Lean Hogs	-2.4	Lean Hogs	-1.4	Aluminum	0.4	Cocoa	0.2
Aluminum	0.1	Natural Gas	-2.9	Livestock	-1.6	Corn	-0.1	Soybeans	-1.3
Livestock	-0.2	Unleaded Gasoline	-3.1	Industrial Metals	-1.9	Coffee	-0.6	Cotton	-1.8
Live Cattle	-0.4	Feeder Cattle	-3.5	Aluminum	-2.5	Kansas Wheat	-0.7	Agricultural Commodities	-2.0
Cocoa	-0.4	Lead	-3.5	Zinc	-3.2	Wheat	-1.1	Coffee	-7.2
Feeder Cattle	-1.4	Cocoa	-3.8	Feeder Cattle	-4.9	Feeder Cattle	-1.5	Natural Gas	-14.3
Coffee	-2.2	Nickel	-4.4	Nickel	-5.9	Lead	-2.4	Sugar	-21.2

Source: Standard & Poor's.

Relative to 200-dma

Table 6: Assets Relative to 200-dma (sorted descending by % spread, data as of November 17, 2017)

US Stocks Global Stocks Commodities	% from 200-dma (latest)	% from 200-dma (last week)	1-week bps chg	% from 50-dma (latest)	3-month % change price	50-dma/200-dma
Heating Oil	19.9	19.7	0.2	6.6	28.2	12.4
Brent Crude	17.2	19.2	-2.0	7.2	27.2	9.3
GasOil	16.4	18.3	-1.9	4.9	25.6	11.0
Crude Oil	14.1	14.7	-0.6	7.9	21.3	5.7
LargeCap Information Technology	13.6	14.8	-1.2	4.8	12.5	8.4
China (Shanghai-Shenzhen 300)	12.8	13.1	-0.3	4.8	11.3	7.6
Japan (Nikkei 225)	12.1	13.9	-1.9	5.4	11.3	6.3
Nickel	11.9	17.5	-5.6	0.7	20.8	11.2
Zinc	11.3	13.1	-1.8	0.3	14.4	11.0
MidCap Information Technology	10.8	10.2	0.6	4.3	9.0	6.2
SmallCap Health Care	10.5	8.1	2.4	2.7	7.0	7.5
Copper	10.1	10.7	-0.6	0.5	14.3	9.6
South Korea (Kospi)	9.1	10.1	-0.9	3.1	4.9	5.9
Chile (IGPA General)	8.9	9.7	-0.7	0.4	8.8	8.5
SmallCap Utilities	8.7	7.1	1.6	1.6	13.2	7.0
Brazil (Bovespa)	8.2	6.6	1.6	-2.0	12.2	10.4
Unleaded Gasoline	8.0	11.6	-3.6	5.0	13.7	2.9
SmallCap Industrials	7.8	6.6	1.1	1.4	7.2	6.3
Live Cattle	7.6	8.6	-1.0	5.1	5.1	2.4
Cocoa	7.1	11.5	-4.4	2.9	11.3	4.1
SmallCap Materials	6.9	6.1	0.8	1.2	6.2	5.6
LargeCap Materials	6.7	6.9	-0.1	0.7	5.3	6.0
MidCap Industrials	6.7	7.2	-0.5	0.6	5.4	6.0
SmallCap Consumer Discretionary	6.6	2.6	4.0	3.3	6.0	3.2
LargeCap Financials	5.8	5.8	0.0	0.3	5.0	5.4
Aluminum	5.8	6.0	-0.2	-1.5	9.1	7.4
MidCap Consumer Discretionary	5.5	3.6	1.9	2.9	4.6	2.6
Lead	5.5	9.4	-3.9	-1.6	5.0	7.2
Indonesia (Jakarta)	5.2	5.0	0.2	1.8	3.8	3.4
LargeCap Utilities	5.0	5.1	-0.1	1.9	7.0	3.0
SmallCap Financials	4.8	2.9	1.9	1.5	4.7	3.3
MidCap Utilities	4.7	3.5	1.2	2.3	7.0	2.4
MidCap Materials	4.6	4.0	0.7	-0.3	3.1	4.9
MidCap Financials	4.5	3.3	1.2	1.7	4.2	2.8
LargeCap Consumer Discretionary	4.4	3.4	1.1	2.7	3.7	1.7
Feeder Cattle	4.4	8.8	-4.3	-1.8	-1.5	6.4
Natural Gas	4.3	7.6	-3.2	4.0	7.4	0.3
SmallCap Information Technology	4.3	3.6	0.7	-0.6	1.4	5.0
Germany (DAX)	4.2	5.5	-1.4	0.4	2.9	3.8
LargeCap Real Estate	4.0	5.1	-1.1	2.1	3.9	1.8
LargeCap Health Care	3.8	4.1	-0.3	-1.2	1.4	5.0
MidCap Health Care	3.5	1.8	1.7	0.5	-2.0	3.0
Canada (Toronto 300)	3.4	3.7	-0.3	1.7	5.4	1.7
SmallCap Consumer Staples	2.9	0.4	2.5	0.0	6.8	2.8
Gold	2.6	0.9	1.7	0.8	5.4	1.8
LargeCap Industrials	2.3	3.6	-1.3	-1.7	0.2	4.1
Soybeans	1.7	1.2	0.6	1.2	-1.1	0.5
Silver	1.7	-1.5	3.1	2.2	9.7	-0.5
SmallCap Real Estate	1.6	1.6	0.1	0.1	1.4	1.5
MidCap Energy	1.1	4.3	-3.2	3.2	8.8	-2.0
SmallCap Telecommunication Services	0.4	-1.7	2.1	-1.3	3.2	1.7
LargeCap Energy	0.3	3.6	-3.3	-1.1	3.0	1.4
Sugar	0.2	-3.3	3.5	6.2	7.5	-5.7
UK (FTSE 100)	-0.2	0.6	-0.8	-0.8	0.0	0.6
LargeCap Consumer Staples	-0.2	-1.1	0.9	1.2	0.0	-1.4
MidCap Real Estate	-0.3	-0.1	-0.2	0.8	-0.6	-1.2
MidCap Consumer Staples	-1.4	-4.6	3.1	0.6	-0.6	-2.1
Wheat	-1.5	-1.0	-0.4	1.0	-13.2	-2.5
Kansas Wheat	-3.0	-1.5	-1.5	0.7	-14.4	-3.6
Corn	-3.0	-3.4	0.4	1.2	-5.6	-4.2
SmallCap Energy	-3.1	1.2	-4.3	1.6	7.2	-4.7
Cotton	-4.4	-4.9	0.5	0.9	4.2	-5.3
Coffee	-4.7	-2.8	-2.0	-1.3	-4.8	-3.5
Lean Hogs	-4.9	-2.7	-2.2	6.9	-0.1	-11.0
LargeCap Telecommunication Services	-8.6	-9.7	1.1	-5.4	-2.7	-3.4
MidCap Telecommunication Services	-29.0	-32.0	2.9	-13.4	-20.3	-18.1

Source: Haver Analytics and Yardeni Research.

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