Morningstar's Best Ideas for 2017 and Beyond

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- * Provide financial information to individuals, advisors, and institutions
- We believe our competitive edge comes through bottom-up research; we have a huge database of information
- Currently have 300 analysts worldwide, focusing on stocks, mutual funds, ETFs, and fixed income
- * We're best known for our fund and stock research, but research on bonds, asset allocation and retirement planning are growing emphases.
- * Equity philosophy: Bottom up, with a focus on quality and valuation
- * Fund philosophy: Also bottom up, because past returns aren't predictive. Agnostic on index v. active debate

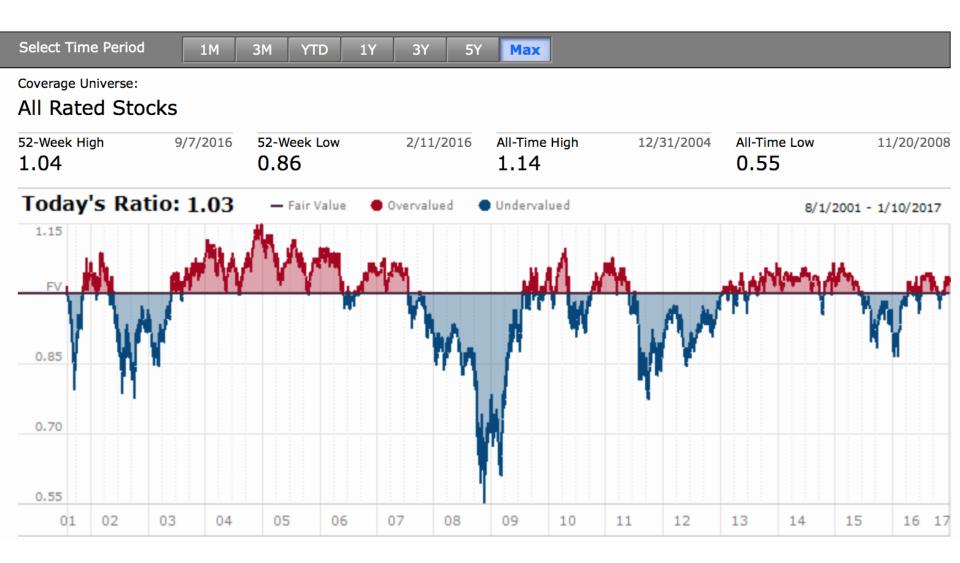
Investors can successfully employ an element of opportunism in their portfolios, provided they:

- * Are operating with a sensible long-term asset-allocation mix
- Regularly rebalance ("tactical lite")
- Focus on what they can control (bottom-up security selection) rather than what they can't (macro factors)
- * Swim against the tide when initiating new positions in their portfolios

Let's Get Oriented: Market Fair Value

Top News	Market Barometer	Market Indexes		
U.S. Stocks Eke Out Small Gains, Snap 3-Day Slump	Lg Day Return	U.S. Mornir	ngstar A	sian E
Oil Settles Under \$32 for the First Time in More Than 12 Years	Md 0			
Alcoa Reports 18% Drop in Revenue	Sm • -1.25%	her him		, MVA
Lululemon Shares Pop on Improved Earnings Outlook	Value—Growth		m	w. [-
Shire Agrees to Acquire Baxalta in \$32 Billion Deal			m	" V
OECD Leading Indicators Point to Steadying China Growth	1Wk 1Mo 3Mo 1Yr 3Yr	9:30AM 11:30	1:30	3:30
Upcoming Earnings and Data Releases	Advertisement High Yield CDs & Savings	Index	Value	Change
		DJIA	16,398.57	52.12
Monday Earnings: Alcoa	Accounts.	S&P 500	1,923.67	1.64
Tuesday Earnings: CSX		NASDAQ	4,637.99	-5.64
Wednesday Data: Fed Beige Book	Stock Market Updates	Morningstar US Market	4,802.21	-0.15
Thursday Earnings: Intel, JPMorgan	Running Commentary Stary Stacks	Morningstar Small Cap	6,717.49	-29.75
Thursday Data: Initial Jobless Claims	Story StocksUp/Downgrades	Data as of 01-11-2016		
Friday Earnings: BlackRock, Citigroup, Wells Fargo	 Gainers/Losers/Most Active 			
Friday Data : Retail Sales, Producer Price Index, Empire Manufacturing, Industrial Production, UMich Consumer Sentiment				
Popular Stock Quotes	-	The Fid	elity One	0 ETE
Apple			tracks the	
ExxonMobil		Compos	site Index,	one of
Berkshire Hathaway		the most widely watched		
AT&T		benchm	harks in th	e world.
Walt Disney				

Our Global Coverage Universe = Fairly Valued as of 1/10/2017



Median price/fair values by investment style box reveals *a bit* (but not a lot) more nuance on that number

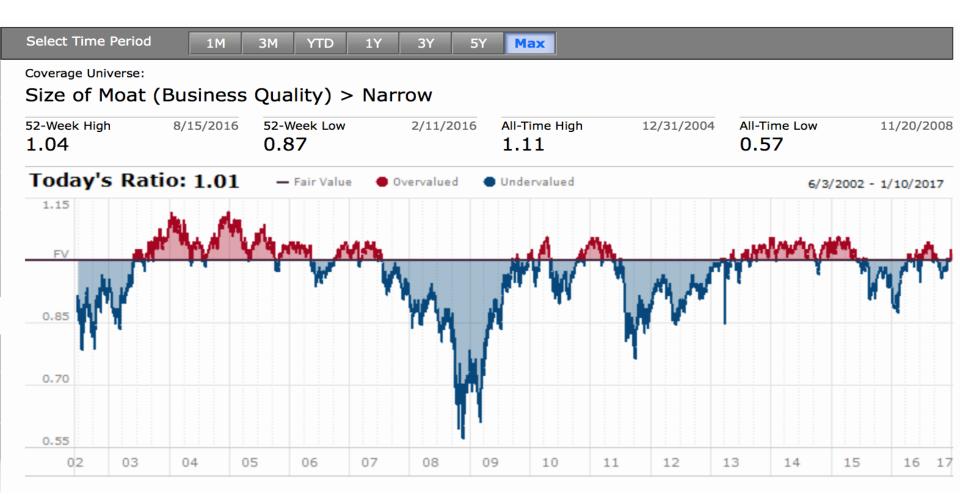
- * Large Value: 1.01
- * Large Blend/Core: 1.03
- * Large Growth: 1.04
- * Mid Value: 1.04
- * Mid Blend: 1.03
- * Mid Growth 1.06

Wide Moats Are the Cheapest of the Three Moat Bands Currently



Wide economic moat examples (13% of coverage universe) include Altria, BlackRock, Alphabet (Google), Harley-Davidson, Amazon.com.

Narrow Moats: Slightly More Expensive



Narrow economic moat examples include Citigroup, Coach, Whole Foods. Within our coverage universe, 43% of companies have narrow moats.

No Moats Most Expensive of All



Examples of companies with *no* economic moats include Allstate, Dick's Sporting Goods, Honda Motor, Darden Restaurants, Southwest Airlines. (44% of stocks in our coverage universe do not have moats.)

The Sector Lens: Another View of Valuations

Economically
Sensitive (1.06)CCommunications Svc.
P/FV: 0.96CP/FV: 0.96FEnergy P/FV: 1.20FIndustrials: 1.07FTechnology: 1.03F

Cyclical (1.02)

Basic Materials: 1.18 Consumer Cyclical P/FV: 1.00 Financial Services P/FV: 1.02

Real Estate 0.96

Defensive (0.99)

Consumer Defensive P/FV: 1.01 Utilities P/FV: 1.03 Health P/FV: 0.92

Data as of 1/12/17.

Sector Valuation graph available on Stocks cover page.

Takeaways for U.S. Equity Investors

- Stocks dropped below fair value in early 2016, but our coverage universe is now fairly valued
- High-quality names (wide-moat) are cheaper than lesser-quality companies (no and narrow moat)
- Defensive names look cheaper than more cyclically, economically sensitive ones
- * No style box square is appreciably cheaper than the rest

Best Stock Ideas for Quality-Conscious Equity Investors 4 or 5 stars (low market valuations relative to our estimates of fair value), wide moats, and low uncertainty ratings (16 as of 1/12/17)

Amgen AMGNCoca-Cola KOColgate-Palmolive CLEnterprise Products Partners EPDImperial Brands PLC IMBBY Magellan Midstream MMPMerck MRKNestle NSRGYNovartis NVSPfizer PFEProcter & Gamble PGRoche Holdings RHHBY (5 stars)Spectra Energy LP SEPUnilever NV UNUnilever PLC ULWal-Mart Stores WMT

Best Ideas for Investors with Longer Time Horizons, Higher Risk Capacities

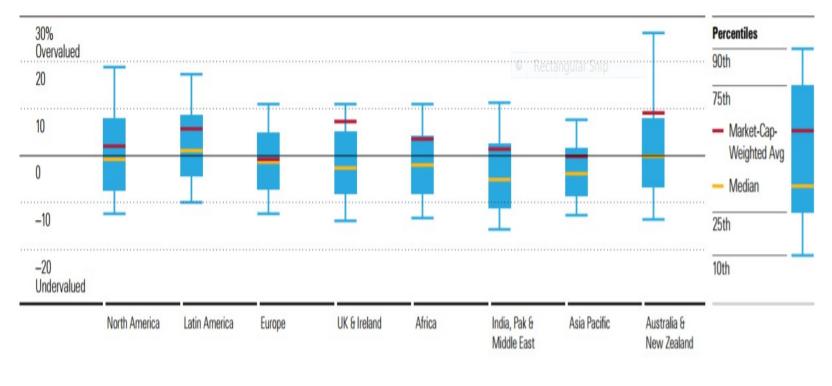
4 or 5 stars, wide moats, and *high* uncertainty ratings (9 as of 11/17/16)

Blackstone Group BXCBRE Group CBGGrupo Aeroportuario del Centro Norte OMABGrupo Aeroportuario del Pacifico PACGrupo Televisa TVGuidewire Software GWREJones Lang LaSalle JLLMead Johnson Nutrition MJNPolaris Industries PIISalesforce.com CRMTransDigm Holdings TDGYUM China Holdings YUMC

Best Ideas for U.S. Equity-Fund Investors: Large Caps

- Large-cap stocks look (relatively) cheap right now; if you're rebalancing or putting money to work, tip your portfolio toward them.
- * Top large-cap picks with a heavy emphasis on wide-moat stocks:
 - * AMG Yacktman YACKX (68% wide moat)
 - * American Funds Washington Mutual AWSHX (62%)
 - * Dodge & Cox Stock DODGX (46%)
 - * Oakmark OAKMX (46%), Oakmark Select OAKLX (44%)
 - * Vanguard Equity-Income VEIPX (52%)
 - * Vanguard Dividend Appreciation VDADX/VIG (63%)
 - * Vanguard Total Stock Market Index VTSMX/VTI (46%)

Foreign Stocks: They Must Be Cheap, Right?



Data as of 10/31/216

- Although U.S. market has outperformed, N. American stocks don't appear to be significantly more expensive than many foreign markets currently
- * Many foreign markets have performed alright, but U.S. investors haven't benefited as much because of dollar's gains versus major foreign currencies
- * Asia-Pacific, Europe appear to offer attractive values currently

Best Ideas for International Fund Investors

* Morningstar favorite core international funds include:

- * Artisan International Value ARTKX
- * Harbor International HIINX
- * Oakmark International OAKIX
- * Vanguard Total International Stock Market Index VGTSX
- * Morningstar's favorite emerging markets funds include:
 - * American Funds New World NEWFX
 - * DFA Emerging Markets DFEMX
 - * T. Rowe Price Emerging Markets Stock PRMSX

What Should Be on Bond Investors' Radar?

- Recognize vulnerability of longer-term bonds in the face of rising interest rates
- * Run through a duration stress test: Duration minus SEC yield = approximate loss in a one-year period in which interest rates rose by one percentage point
- Match duration to your time horizon
- Use credit-sensitive bonds, dividend-paying stocks to augment, not supplant, high-quality bonds

Best Ideas for Bond Investors

- Keep quality high, delegate to an active manager with a flexible strategy
- * Morningstar's favorite funds for time horizons of five years or more:
 - * Metropolitan West Total Return MWTRX
 - * Dodge & Cox Income DODIX
 - * Harbor Bond HABDX
 - * Vanguard Total Bond Market Index VBMFX
- * Favorite core short-term fund:
 - * Fidelity Short-Term Bond FSHBX

Best Ideas for Personal Finance: Mind Tax Efficiency

- Manage taxable portfolio for tax efficiency: ETFs, traditional index funds, tax-managed funds, individual stocks
- * Check to see if munis offer better after-tax return than comparable taxable bond funds. (Favorite firm for munis: Fidelity.)
- Mind asset location: Hold tax-inefficient assets like REITs, high-yield bonds, and TIPS inside of a tax-sheltered account
- Consider IRA conversion: Roths most benefit those with long time horizons or affluent retirees; just get help, be careful about converting in lofty market
- Consider "backdoor Roth" contributions/conversions, but be careful if you own Traditional IRA assets

- * Add inflation protection when inflation isn't splashed on the front page of your newspaper
- Inflation is a particularly big threat for retirees, who have a large share of their portfolios in fixed-rate investments and are no longer working/eligible for COLA
- TIPS can help hedge against inflation
- Favorite TIPS funds: Vanguard Inflation-Protected Securities VIPSX, Vanguard Short-Term Inflation-Protected Securities VTIPX, Harbor Real Return HARRX
- Commodities and especially stocks are also reasonable ways to hedge. Also: Bank-loan funds, precious metals equities

Questions? christine.benz@morningstar.com