

# WHY WE APPLY A QUALITY SCREEN TO JAPAN

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One of the investment factors gaining popularity in the U.S. marketplace has been the [quality factor](#). For international markets, we've seen growing adoption of factor investing for broad-based regions, but for country allocations, we've seen reluctance by investors to move beyond some of the original exchange-traded funds (ETFs) in their respective categories.

Japan is a market where WisdomTree has a unique position as being the first ETF provider to offer a [currency-hedged](#) exposure with the [WisdomTree Japan Hedged Equity Fund \(DXJ\)](#). DXJ employs a methodology similar to WisdomTree's original offering of [dividend](#)-weighted stock Indexes, but it also provides a screen to global companies with a requirement that purely local Japanese stocks (those with more than 80% of revenue from Japan) are excluded from the Index.

Just over two years ago, WisdomTree launched a Japanese version of the [Quality Dividend Growth Index](#) methodology that WisdomTree debuted in 2013 in the U.S. markets. This Index methodology incorporates dividend weighting, but it has a stock-selection methodology that narrows it to stocks with high [return on equity \(ROE\)](#), high [return on assets \(ROA\)](#) (which penalizes the use of leverage) and strong earnings growth expectations.

In many ways, the quality screens WisdomTree developed four years ago foreshadowed similar screens that the JPX-Nikkei Index 400 now includes. The [JPX-Nikkei Index 400](#) is the Abe government-promoted Index in Japan meant to encourage better focus on corporate governance and shareholder-friendly actions such as increasing dividends and [buybacks](#) to foster better ROE.

In some ways, the JPX-Nikkei Index 400 has more relaxed requirements to get included. The [WisdomTree Japan Quality Dividend Growth Index](#) employs a more stringent quality focus—for starters by including fewer stocks; only the 300 best-ranked stocks per the stock selection methodology. Moreover, WisdomTree's ranking is done on the combined quality and growth prospects—not the total size of the firm or total size of its earnings. This ranking leads to stocks that we believe are from companies with better profitability metrics and have in aggregate stronger earnings prospects.

## Return to Operating Profitability in Japan

We have been presenting the case on the long-term return to operating profitability in the U.S. markets. Japan is an interesting case: At face value, knowing the market has deflated from one of the largest bubbles of all time in 1989—where value investing has been a particularly good long-term strategy—it is not obvious that a focus on just profitability metrics would have been a strong long-term strategy. Based on the [Fama-French](#) factor universe for Japan,<sup>1</sup> however, it is clear that operating profitability worked as a factor strategy for Japan over the last three decades. Whether it is among the largest [market cap](#) stocks where the highest-profitability stocks outperformed the lowest-profitability stocks by 255 [basis points \(bps\)](#) per year, or the smallest cap stocks where highest-profitability stocks outperformed by just under 300 bps per year, we saw a consistent trend of profitability being rewarded in the Japan focus.

**Profitability and Size, Japan Quintiles: 6/30/1990–3/31/2017**

		Operating Profitability				
		Lowest	Low	Mid	High	Highest
Size Segment	Smallest	2.88%	4.74%	3.91%	4.86%	5.86%
	Small	0.05%	1.72%	1.17%	3.43%	2.45%
	Mid	0.26%	0.55%	1.12%	1.20%	1.35%
	Large	-1.68%	1.62%	2.42%	3.34%	0.28%
	Largest	-1.20%	0.62%	2.34%	1.96%	1.35%

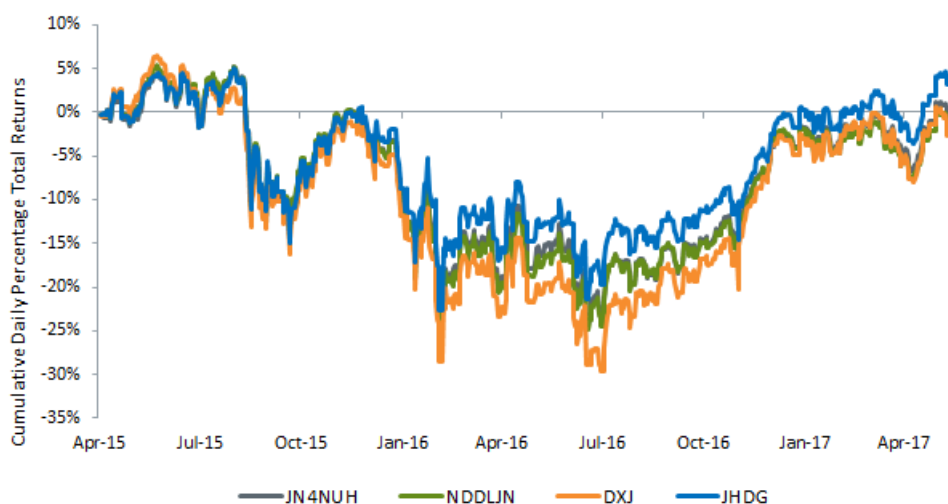
Sources: WisdomTree, Fama and French data library, as of 3/31/17.  
 Size segment = market capitalization. Operating profitability = operating profit divided by book value of equity. Returns are average annual returns. Past performance is not indicative of future results

**DXJ and JHDG vs. Japan Benchmarks**

In the two years that we have been running the [WisdomTree Japan Hedged Quality Dividend Growth Fund \(JHDG\)](#)—our quality strategy for Japan that neutralizes the currency impact, similar to DXJ—we have also seen that quality has been working particularly well in real-time results.

Whereas DXJ has returned very close to the MSCI Japan market returns, JHDG has added about 225 bps per year ahead of the MSCI Japan Index local returns (NDDLJN) and about 165 bps per year ahead of the JPX-Nikkei Index 400 (JN4NUH).<sup>2</sup>

**WisdomTree Japan Fund vs. Benchmark Indexes (April 9, 2015 — May 24, 2017)**



Performance is historical and does not guarantee future results. Current performance may be lower or higher than quoted. Investment returns and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Performance data for the most recent month-end is available at [www.wisdomtree.com](http://www.wisdomtree.com).

WisdomTree shares are bought and sold at market price (not NAV) and are not individually redeemed from the Fund. Total returns are calculated using the daily 4:00 p.m. EST net asset value (NAV). Market price returns reflect the midpoint of the bid/ask spread as of the close of trading on the exchange where Fund shares are listed. Market price returns do not represent the returns you would receive if you traded shares at other times.

Index performance does not represent actual fund or portfolio performance. A fund or portfolio may differ significantly from the securities included in the index. Index performance assumes reinvestment of dividends but does not reflect any management fees, transaction costs or other expenses that would be incurred by a portfolio or fund, or brokerage commissions on transactions in fund shares. Such fees, expenses and commissions could reduce returns.

## Sector Differentials

From a sector overview, the primary difference between DXJ and JHDG comes down to sector exposures. Both Funds have their largest exposure to the Consumer Discretionary sector—many of the global brands are competing at higher levels of profitability on a global basis. But beyond that sector, Telecommunications is a large exposure in JHDG and the largest over-weight compared to DXJ, along with smaller over-weights to Consumer Staples and Real Estate.

Sector	DXJ	JHDG	+/-
Energy	0.2%	0.0%	0.1%
Materials	9.6%	7.3%	2.2%
Industrials	22.6%	19.7%	2.9%
Consumer Discretionary	23.6%	24.8%	-1.2%
Consumer Staples	6.9%	9.6%	-2.7%
Health Care	8.5%	6.0%	2.5%
Financials	13.8%	1.3%	12.5%
Information Technology	13.9%	15.8%	-1.9%
Telecommunication Services	0.9%	12.8%	-11.8%
Utilities	0.0%	0.2%	-0.2%
Real Estate	0.0%	2.4%	-2.4%

Source: WisdomTree, as of 5/24/17. Subject to change.

DXJ has a larger exposure to Financials than the quality fund, JHDG. Quality also is under-weight in some of the

Industrials and Health Care exposures, although those are modest differences compared to Financials.

Telecom and Financials are thus the two most notable differences that quality is over-weight the former and under-weight the latter.

If you are looking at Japanese exposures and are willing to look beyond the most liquid vehicles like DXJ, we believe our Quality Dividend Growth Strategy offers an interesting long-run alternative that taps into the quality factor research discussed above.

<sup>1</sup>Fama-French factors include beta, size, value, operating profitability and investment patterns. Additional details on these factors can be found from the Kenneth R. French Data Library, [http://mba.tuck.dartmouth.edu/pages/faculty/ken.french/Data\\_Library/f-f\\_5developed.html](http://mba.tuck.dartmouth.edu/pages/faculty/ken.french/Data_Library/f-f_5developed.html)

<sup>2</sup>Source: WisdomTree, 4/9/15–5/24/17. Time frame chosen for inception of JHDG on 4/9/15.

#### Important Risks Related to this Article

There are risks associated with investing, including possible loss of principal. Foreign investing involves special risks, such as risk of loss from currency fluctuation or political or economic uncertainty. Funds focusing their investments on certain sectors increase their vulnerability to any single economic, regulatory or sector-specific development. This may result in greater share price volatility. The Funds focus their investments in Japan, which can be impacted by the events and developments in Japan that can adversely affect performance. Dividends are not guaranteed and a company currently paying dividends may cease paying dividends at any time. The Funds use various strategies to attempt to minimize the impact of changes in the Japanese yen against the U.S. dollar, which may not be successful.

Investments in derivative investments can be volatile, may be less liquid than securities and may be more sensitive to the effect of varied economic conditions. As these Funds can have a high concentration in some issuers, the Funds can be adversely impacted by changes affecting those issuers. The Funds invest in the securities included in, or representative of, their Index regardless of their investment merit and the Funds do not attempt to outperform their Index or take defensive positions in declining markets. Due to the investment strategy of these Funds they may make higher capital gain distributions than other ETFs. Please read each Fund's prospectus for specific details regarding each Fund's risk profile.

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**U.S. investors only: Click [here](#) to obtain a WisdomTree ETF prospectus which contains investment objectives, risks, charges, expenses, and other information; read and consider carefully before investing.**

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You cannot invest directly in an index.

## **DEFINITIONS**

**Quality Factor** : Excess returns achieved by companies exhibiting higher quality or profitability vs the market. Typically measured using operating profitability, return on equity and/or return on assets.&nbsp;

**Currency hedging** : Strategies designed to mitigate the impact of currency performance on investment returns.

**Dividend** : A portion of corporate profits paid out to shareholders.

**Return on Equity (ROE)** : Measures a corporation's profitability by revealing how much profit a company generates with the money shareholders have invested.

**Return on assets (ROA)** : Firm profits (after accounting for all expenses) divided by the firm's total assets. Higher numbers indicate greater profits relative to the level of assets utilized to generate them.

**JPX-Nikkei 400** : is composed common stocks whose main market is the TSE 1st section, 2nd section, Mothers or JASDAQ market (in principle). The components are reviewed annually to keep the representativeness of the market. The Annual Review shall be conducted at the end of August as follows.(1)1000 stocks are selected based on trading value in the past 3 years and the market value on the selection base date (the end of June) of the Annual Review, (2)Each stock is scored by 3-year average ROE, 3-year cumulative operating profit and market value on the selection base date with the weights on the each indicator 40%, 40%, 20% respectively, (3)400 stocks are selected by the final ranking with the scores calculated in (2) and qualitative factors from the perspectives of corporate governance and disclosure. In case of delisting of the components due to a merger or bankruptcy etc, new stocks shall not be added in principle. When the Annual Review is conducted, the number of components is back to 400, therefore the index is calculated with less than 400 components until then.

**Buyback** : When a company uses its own cash to purchase its own outstanding shares; may positively impact the share price.

**100% Passively Hedged Approach** : Strategy designed to have the full currency exposure hedged, regardless of any changes in market conditions.

**Market Capitalization** : Market cap = share prices x number of shares outstanding. Firms with the highest values receive the highest weights in approaches designed to weight firms by market cap.

**Basis point** : 1/100th of 1 percent.