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Information about the index can be found at www.donoghue.com

TICKERS:

W.E. Donoghue Power Treasury Total Return IndexSM:
PWRTRXTR

W.E. Donoghue Power Treasury Price IndexSM:
PWRTRXPX

December 2018



W.E. Donoghue Power Treasury Total Return IndexSM

Index Performance. The W.E. Donoghue Power Treasury Total Return Index (TICKER: PWRTRXTR) increased +5.85% from 2439.24 to 2581.93 in the month of December 2018. This compares to an increase in the ICE U.S. Treasury 3–7 Year Total Return Index (TICKER: IDCOT3TR) of +1.84% and an increase in the ICE U.S. Treasury 20+ Year Total Return Index (TICKER: IDCOT20T) of +5.62%.

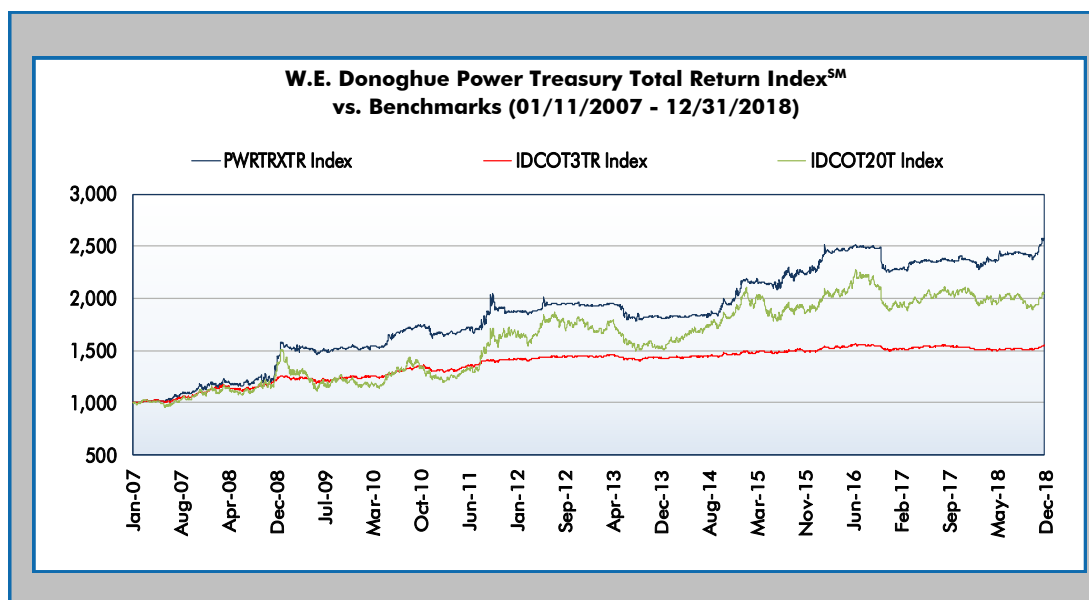
As of December 31, 2018, the TTM yield of the W.E. Donoghue Power Treasury Total Return Index was 2.21%, compared with 2.12% at the end of the previous month.

The W.E. Donoghue Power Treasury Total Return IndexSM has increased +8.71% in the past 12 months. This compares to an increase in the ICE U.S. Treasury 3–7 Year Total Return Index (TICKER: IDCOT3TR) of +1.47% and a decrease in the ICE U.S. Treasury 20+ Year Total Return Index (TICKER: IDCOT20T) of -1.98%.

Index Description. The W.E. Donoghue Power Treasury Index uses the total return variation of the S&P U.S. High Yield Corporate Bond Total Return Index (SPUHYBDT) to signal investment into and out of Intermediate and Long Term U.S. Treasuries.

Index Methodology. The W.E. Donoghue Power Treasury Index uses a proprietary methodology based on exponential moving average crossovers to trigger allocations between the iShares 20+ Year Treasury Bond ETF (TLT) and the iShares 3–7 Year Treasury Bond ETF (IEI).

Index Data. Values for the price only index (PWRTRX) are distributed once daily, at approximately 11:30PM (EST), Monday through Friday, excluding New York Stock Exchange holidays. Values for the total return index (PWRTRXTR) are distributed once daily, at approximately 11:30PM (EST), Monday through Friday, excluding exchange holidays. Values are disseminated to Bloomberg.



*Note: This chart is a normalized historical graph
Data Source: Bloomberg Data as of December 31, 2018

This chart is for illustrative purposes only. Historical information is not indicative of future results; current data may differ from data quoted. Investors cannot invest directly in index. Index returns do not reflect any management fees or brokerage expenses.

INDEX INSIGHTS

Total Return Appreciation

	PWRTRXTR Index	IDCOT3TR Index	IDCOT20T Index
10 Year	66.89%	24.39%	39.18%
5 Year	42.95%	9.43%	35.87%
3 Year	14.11%	4.18%	8.38%
1 Year	8.71%	1.47%	-1.98%

Compound Annual Growth Rate

	PWRTRXTR Index	IDCOT3TR Index	IDCOT20T Index
10 Year	5.26%	2.21%	3.36%
5 Year	7.41%	1.82%	6.32%
3 Year	4.50%	1.37%	2.72%
1 Year	8.71%	1.47%	-1.98%

Sharpe Ratio

	PWRTRXTR Index	IDCOT3TR Index	IDCOT20T Index
10 Year	0.6328	0.5816	0.2895
5 Year	0.9193	0.4230	0.5649
3 Year	0.4594	0.1116	0.2073
1 Year	0.8396	-0.1598	-0.3358

Annualized Standard Deviation (Monthly)

	PWRTRXTR Index	IDCOT3TR Index	IDCOT20T Index
10 Year	7.99%	3.18%	12.98%
5 Year	7.36%	2.77%	10.68%
3 Year	7.89%	2.83%	10.11%
1 Year	7.96%	2.98%	10.38%

Max Drawdown Table

PWRTRXTR Index						
	Date	Price	Change		Period	Days
Peak	10/03/2011	2050.64			Drawdown	688
Trough	08/21/2013	1780.89	-13.15%		Recapture	478
Recovery	12/12/2014	2072.01	16.35%		Total	1166

*All data as of December 31, 2018

Returns

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
2007		1.43%	0.34%	0.42%	-0.87%	2.31%	3.32%	1.66%	0.47%	0.80%	5.57%	-0.63%	15.65%
2008	2.07%	0.52%	2.18%	-2.63%	-1.23%	2.59%	-0.37%	2.75%	-0.84%	-1.91%	14.39%	13.64%	33.88%
2009	-1.95%	-1.11%	2.14%	-1.13%	-1.47%	-0.04%	-0.07%	1.18%	0.80%	0.17%	1.80%	-2.71%	-2.49%
2010	1.71%	0.69%	-0.78%	0.93%	4.77%	3.45%	1.09%	1.45%	0.47%	0.58%	0.14%	-4.46%	10.21%
2011	0.60%	-0.42%	-0.26%	1.59%	1.61%	-2.59%	2.94%	2.55%	13.20%	-4.67%	-2.00%	0.49%	12.70%
2012	0.63%	-0.62%	-0.58%	1.19%	4.43%	-1.48%	0.70%	0.12%	-0.03%	-0.32%	-0.39%	-0.39%	3.18%
2013	-0.39%	0.61%	0.10%	0.56%	-1.34%	-3.31%	-2.45%	1.82%	-1.53%	0.50%	0.01%	-1.26%	-6.58%
2014	1.28%	0.15%	-0.68%	0.49%	0.87%	-0.15%	-1.23%	2.21%	1.69%	2.82%	3.15%	3.25%	14.61%
2015	5.69%	-1.33%	-0.37%	-0.10%	-0.07%	-0.93%	4.55%	-0.69%	1.97%	-0.15%	0.90%	-0.27%	9.30%
2016	5.54%	3.09%	0.26%	-0.14%	-0.22%	1.81%	0.06%	-0.72%	0.34%	-0.62%	-8.34%	0.04%	0.52%
2017	0.29%	0.26%	2.17%	0.66%	0.44%	-0.31%	-0.18%	1.32%	-0.79%	-0.19%	0.72%	-0.01%	4.43%
2018	-1.22%	-1.11%	2.86%	-1.07%	3.44%	-0.70%	0.10%	0.68%	-0.66%	-1.28%	1.79%	5.85%	8.71%

Disclosures:

The W.E. Donoghue Power Treasury Index (Ticker: PWRTRXTR) is a service mark of W. E. Donoghue & Co., LLC. The W.E. Donoghue Power Treasury Index has a back tested inception date of 1/11/2007; one cannot invest directly in an index. The Index is a rules based index, which reflects theoretical performance an investor would have obtained had it invested in the manner shown and does not represent returns actually obtained and does not represent returns an investor actually attained, as investors cannot invest directly in and index. No representation is being made that any client will or is likely to achieve results similar to those presented herein. The Index performance includes the reinvestments of all dividends and distributions. The W.E. Donoghue Power Treasury Index live inception date as calculated by Standard and Poor's is 7/31/2017.

Drawdown calculations are based upon daily point to point index values beginning 1/11/2007. Drawdown is the percentage loss from the highest daily closing index value to the lowest daily index value in the drawdown period. Recapture is the number of days required to return to, or exceed, the account value at the beginning of the drawdown period.

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