

December 2022

VanEck Income ETFs

Ticker	Fund Name	30 Day SEC Yield (%) ⁴	Duration (Yrs)	Gross Expense	Net Expense
Corporate Bond					
ANGL	Fallen Angel High Yield Bond ETF	7.01	5.43 ²	0.35	0.35
MBBB	Moody's Analytics BBB Corporate Bond ETF	5.65	6.26 ²	0.25	0.25
MIG	Moody's Analytics IG Corporate Bond ETF	5.51	6.28 ²	0.20	0.20
Equity Income					
DURA	Durable High Dividend ETF	3.29	--	0.29	0.29
EINC	Energy Income ETF	4.38	--	0.48	0.48
MORT	Mortgage REIT Income ETF	13.94	--	0.41	0.41
PFXF	Preferred Securities ex Financials ETF	6.92	--	0.40	0.40
Floating Rate					
BIZD	BDC Income ETF	10.97	--	10.92	10.92
CLOI	CLO ETF	5.78	--	0.40	0.40
FLTR	IG Floating Rate ETF	5.20	-0.12 ²	0.14	0.14
International Bond					
CBON	China Bond ETF	1.52	4.43 ³	0.52	0.51
HYEM	Emerging Markets High Yield Bond ETF	8.71	3.47 ²	0.40	0.40
GRNB	Green Bond ETF	5.00	5.10 ²	0.20	0.20
IHY	International High Yield Bond ETF	7.38	3.37 ²	0.40	0.40
EMLC	J.P. Morgan EM Local Currency Bond ETF	7.03	4.73 ²	0.32	0.30
Municipal Bond					
XMPT	CEF Muni Income ETF	5.22	11.04 ¹	1.81	1.81
HYD	High Yield Muni ETF	4.52	8.46 ¹	0.35	0.35
SMI	HIP Sustainable Muni ETF	3.02	5.18 ¹	0.24	0.24
ITM	Intermediate Muni ETF	2.92	5.38 ¹	0.24	0.24
MLN	Long Muni ETF	3.82	9.78 ¹	0.24	0.24
MAAX	Muni Allocation ETF	2.96	7.18 ¹	0.33	0.33
SHYD	Short High Yield Muni ETF	3.87	3.97 ¹	0.35	0.35
SMB	Short Muni ETF	2.57	2.25 ¹	0.20	0.20
Multi-Asset Income					
INC	Dynamic High Income	5.55	--	0.43	0.43

Source: VanEck (as of 12/31/22) Past performance is no guarantee of future results. Please see the prospectus of each fund for more detailed information on expenses.

Morningstar ETF Category Flows

Morningstar Category Name	Estimated Net Flow (\$M)			
	1 MO	QTD	YTD	1 YR
Ultrashort Bond	5,002	7,984	55,940	55,940
Long Government	2,619	8,292	36,550	36,550
Muni National Interm	1,578	10,805	21,604	21,604
Muni National Short	1,080	1,639	5,025	5,025
Emerging Markets Bond	586	869	-1,388	-1,388
Short-Term Bond	509	937	3,364	3,364
Muni National Long	501	1,243	340	340
Long-Term Bond	370	416	-472	-472
Intermediate Government	281	5,070	24,841	24,841
High Yield Muni	62	876	821	821
Short Government	-400	2,208	14,072	14,072
Bank Loan	-533	-276	-3,978	-3,978
High Yield Bond	-2,747	10,821	-6,045	-6,045

Source: Morningstar (as of 12/31/22). Not representative of fund or fund indices.

Investment Category Yields

Category	Yield to Worst (%)		
	12/31/22	11/30/22	12/31/21
EM USD High Yield Aggregate	11.08	11.29	7.24
Global High Yield Corporates	8.98	8.75	4.61
U.S. High Yield Corporates	8.96	8.62	4.32
EM USD Sovereigns	8.56	8.51	5.29
EM USD High Yield + IG Corps	7.05	7.22	3.96
EM Local Currency Sovereigns	6.86	6.86	5.72
Preferred Securities	6.51	6.08	2.29
High Yield Municipals	5.83	5.80	3.11
U.S. Corporates	5.42	5.31	2.33
U.S. Aggregate	4.68	4.56	1.75
TIPS	4.38	4.30	1.34
10 Year Treasuries	3.88	3.70	1.51
Global Aggregate	3.73	3.53	1.31
Municipals	3.55	3.55	1.11

FactSet (as of dates indicated). See end for Index Names. Not representative of fund or fund indices. Please see standard performance for these categories below. Past performance is no guarantee of future results.

Source: VanEck (as of 12/31/22). ¹ Duration to Worst. ² Effective Duration. ³ Modified Duration. ⁴ 30-Day SEC Yield. In the absence of temporary expense waivers or reimbursements, the 30-Day SEC Yields on 12/31/22 would have been as follows - CBON: 1.52%, EMLC: 7.01%. Expenses for CBON and EMLC are contractually capped. Expense caps exclude acquired fund fees and expenses, interest expense, trading expenses, taxes and extraordinary expenses. Expense Caps: CBON: 0.50%, EMLC: 0.30%. Expenses for ANGL, BIZD, CLOI, DURA, EINC, FLTR, GRNB, HYD, HYEM, IHY, INC, ITM, MAAX, MBBB, MIG, MLN, MORT, PFXF, SHYD, SMB, SMI, XMPT are unitary fees. Van Eck Associates Corporation (the "Adviser") will pay all expenses of these Funds, except for the fee payment under the investment management agreement, acquired fund fees and expenses, interest expense, offering costs, trading expenses, taxes and extraordinary expenses. Expense ratios are as of the most recent prospectus. Please see the prospectus of each fund for more detailed information on expenses.

U.S. Yield Curves

Treasury Yield Curve

Global 10-Year Sovereign Yields (%)

Source: FactSet and Bloomberg (as of 12/31/22). Based on local currency prices. Past performance is no guarantee of future results.

Municipal AAA Yield Curve

Source: VanEck and FactSet. Volatility is the annualized standard deviation of monthly returns. Sharpe ratio is the return less the risk-free rate divided by the standard deviation and measures risk-adjusted return. Alpha is a measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. Beta is a measure of sensitivity to market movements. R-squared reflects the percentage of a fund's movements that can be explained by movements in its benchmark index.

Investment Category Total Returns (%)

Investment Category	Month End 12/31/22		Quarter End 12/31/22		
	1 MO*	YTD*	1 YR	3 YR	5 YR
U.S. Aggregate	-0.45	-13.01	-13.01	-2.70	0.02
U.S. High Yield Corporates	-0.75	-11.22	-11.22	-0.23	2.11
Global High Yield Corporates	0.64	-13.24	-13.24	-1.68	0.87
EM USD High Yield Aggregate	1.56	-12.36	-12.36	-3.99	-1.23
EM USD High Yield + IG Corps	1.37	-14.11	-14.11	-2.55	0.62
EM Local Currency Sovereigns	2.16	-11.69	-11.69	-6.09	-2.50
EM USD Sovereigns	0.33	-17.78	-17.78	-5.26	-1.31
U.S. Corporates	-0.44	-15.76	-15.76	-2.87	0.45
U.S. REITs	0.11	-14.10	-14.10	-2.34	0.85
Global Aggregate	0.54	-16.25	-16.25	-4.46	-1.65
TIPS	-1.02	-11.85	-11.85	1.20	2.10
Municipals	0.29	-8.53	-8.53	-0.77	1.25
High Yield Municipals	-0.16	-13.10	-13.10	-0.59	2.62
10 Year Treasuries	-1.12	-16.29	-16.29	-3.74	-0.59
Preferred Securities	-4.44	-19.22	-19.22	-4.24	-0.27
U.S. Dividend Stocks	-3.05	2.31	2.31	8.86	8.34

Source: FactSet (as of dates indicated). *Returns less than one year are not annualized. The performance quoted represents past performance. Past performance is no guarantee of future results. Not representative of fund or fund indices. The listed indices are unmanaged and are not securities in which an investment can be made. Index returns are not Fund returns and do not reflect any management fees or brokerage expenses. Certain indices may take into account withholding taxes. Investors cannot invest directly in the Index.

VanEck Income ETF Total Returns (%)

Ticker	Fund Name		Month-End 12/31/2022		Quarter-End 12/31/2022				Commenced
			1 MO*	YTD*	1 YR	3 YR	5 YR	LIFE	
Corporate Bond									
ANGL	Fallen Angel High Yield Bond ETF	NAV	0.02	-14.24	-14.24	1.52	3.05	6.37	04/10/2012
		Price	-0.87	-14.25	-14.25	1.34	3.02	6.38	
MBBB	Moody's Analytics BBB Corporate Bond ETF	NAV	0.04	-15.02	-15.02	--	--	-6.75	12/01/2020
		Price	-0.23	-15.01	-15.01	--	--	-6.69	
MIG	Moody's Analytics IG Corporate Bond ETF	NAV	0.08	-14.47	-14.47	--	--	-6.73	12/01/2020
		Price	-0.31	-14.52	-14.52	--	--	-6.67	
Equity Income									
DURA	Durable High Dividend ETF	NAV	-1.82	2.47	2.47	6.22	--	9.19	10/30/2018
		Price	-1.63	2.39	2.39	6.20	--	9.19	
EINC	Energy Income ETF	NAV	-6.02	19.18	19.18	9.35	4.22	-5.94	03/12/2012
		Price	-5.77	19.12	19.12	9.60	4.29	-5.95	
MORT	Mortgage REIT Income ETF	NAV	-7.69	-26.77	-26.77	-12.13	-4.68	3.15	08/16/2011
		Price	-7.80	-26.80	-26.80	-12.10	-4.69	3.15	
PFXF	Preferred Securities ex Financials ETF	NAV	-4.04	-19.11	-19.11	-0.67	2.43	4.01	07/16/2012
		Price	-3.14	-18.82	-18.82	-0.63	2.48	4.05	
Floating Rate									
BIZD	BDC Income ETF	NAV	-5.43	-8.78	-8.78	5.81	7.64	5.71	02/11/2013
		Price	-5.62	-8.69	-8.69	5.65	7.58	5.70	
CLOI	CLO ETF	NAV	1.06	--	--	--	--	3.26	06/21/2022
		Price	0.88	--	--	--	--	3.55	
FLTR	IG Floating Rate ETF	NAV	0.73	0.68	0.68	1.00	1.77	1.45	04/25/2011
		Price	0.83	0.74	0.74	0.98	1.76	1.45	
International Bond									
CBON	China Bond ETF	NAV	2.40	-6.01	-6.01	3.56	2.92	1.87	11/10/2014
		Price	2.09	-7.99	-7.99	3.07	2.74	1.62	
HYEM	Emerging Markets High Yield Bond ETF	NAV	2.90	-12.68	-12.68	-2.62	0.01	3.14	05/08/2012
		Price	2.26	-13.38	-13.38	-2.81	0.02	3.14	
GRNB	Green Bond ETF	NAV	0.05	-11.85	-11.85	-2.34	-1.19	0.58	03/03/2017
		Price	-0.14	-11.93	-11.93	-2.37	-1.24	0.60	
IHY	International High Yield Bond ETF	NAV	2.18	-14.52	-14.52	-3.37	-0.60	2.85	04/02/2012
		Price	1.25	-14.34	-14.34	-3.17	-0.46	2.91	
EMLC	J.P. Morgan EM Local Currency Bond ETF	NAV	2.11	-10.15	-10.15	-5.69	-3.17	-0.54	07/22/2010
		Price	0.92	-10.45	-10.45	-5.76	-3.22	-0.56	
Municipal Bond									
XMPT	CEF Muni Income ETF	NAV	-2.31	-23.76	-23.76	-3.94	0.07	3.65	07/12/2011
		Price	-2.28	-24.02	-24.02	-3.97	0.09	3.65	
HYD	High Yield Muni ETF	NAV	-0.46	-15.25	-15.25	-3.73	-0.11	5.01	02/04/2009
		Price	-1.82	-15.96	-15.96	-3.92	-0.18	4.96	
SMI	HIP Sustainable Muni ETF	NAV	0.32	-8.53	-8.53	--	--	-6.41	09/08/2021
		Price	0.06	-8.59	-8.59	--	--	-6.39	
ITM	Intermediate Muni ETF	NAV	0.32	-9.66	-9.66	-1.24	0.96	3.26	12/04/2007
		Price	0.17	-9.33	-9.33	-1.19	1.06	3.27	
MLN	Long Muni ETF	NAV	-0.68	-17.52	-17.52	-3.44	-0.33	2.69	01/02/2008
		Price	-0.75	-17.22	-17.22	-3.39	-0.23	2.72	
MAAX	Muni Allocation ETF	NAV	-0.72	-14.12	-14.12	-4.12	--	-2.50	05/15/2019
		Price	-0.58	-14.13	-14.13	-4.13	--	-2.49	
SHYD	Short High Yield Muni ETF	NAV	0.30	-9.06	-9.06	-1.28	1.12	1.69	01/13/2014
		Price	0.13	-9.11	-9.11	-1.25	1.35	1.73	
SMB	Short Muni ETF	NAV	0.15	-4.31	-4.31	-0.33	0.89	1.76	02/22/2008
		Price	0.67	-4.51	-4.51	-0.37	1.03	1.76	
Multi-Asset Income									
INC	Dynamic High Income	NAV	-2.25	--	--	--	--	3.26	11/01/2022
		Price	-2.21	--	--	--	--	3.24	

Source: FactSet (as of dates indicated). *Returns less than one year are not annualized.

The performance data quoted represents past performance. Past performance is not a guarantee of future results. Investment return 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 may be lower or higher than performance data quoted. Please call 800.826.2333 or visit vanek.com for performance current to the most recent month ended.

The "Net Asset Value" (NAV) of a VanEck Exchange Traded Fund (ETF) is determined at the close of each business day, and represents the dollar value of one share of the fund; it is calculated by taking the total assets of the fund, subtracting total liabilities, and dividing by the total number of shares outstanding. The NAV is not necessarily the same as the ETF's intraday trading value. VanEck ETF investors should not expect to buy or sell shares at NAV.

IMPORTANT DISCLOSURE

Prior to September 1, 2020, the Municipal Income funds were known as the VanEck AMT-Free Short Municipal Index ETF, VanEck AMT-Free Intermediate Municipal Index ETF, VanEck AMT-Free Long Municipal Index ETF, VanEck Short High-Yield Municipal Index ETF, VanEck High-Yield Municipal Index ETF, and the VanEck Municipal Allocation ETF.

30-Day SEC Yield is a standard calculation developed by the Securities and Exchange Commission that allows for fairer comparisons among bond funds. It is based on the most recent 30-day period. This yield figure reflects the interest earned during the period after deducting the fund's expenses for the period. It does not reflect the yield an investor would have received if they had held the fund over the last 12 months assuming the most recent NAV. **Yield to Worst** measures the lowest of either yield-to-maturity or yield-to-call date on every possible call date. **Duration to Worst** is a measure of the duration of a bond computed using the bond's nearest call date or maturity, whichever comes first. This measure ignores future cash flow fluctuations due to embedded optionality. **Effective Duration** is a measure of the average percentage change in a bond's price, given an upward and downward parallel shift in the Treasury (spot) curve, where the change in price reflects any exercise of embedded call or put options, optional prepayments, and/or changes in adjustable rate coupons according to formulas which may include periodic or lifetime rate caps/floors, etc. **Modified Duration** measures a bond's sensitivity to interest rate changes that reflects the change in a bond's price given a change in yield.

Investment category index representation: U.S. Aggregate represents the Bloomberg Barclays US Aggregate Index, U.S. High Yield Corporates represents the ICE BofAML U.S. High Yield Master Index, Global High Yield Corporates represents the ICE BofAML Global High Yield Index, EM USD High Yield Aggregate represents the Bloomberg Barclays EM Aggregate High Yield Index, EM USD High Yield + IG Corps represents the ICE BofAML EM Liquid Corp Plus Index, EM Local Currency Sovereigns represents the JPM GBI EM Global Diversified Index, EM USD Sovereigns represents the JPM EMBI Global Diversified Index, U.S. Corporates represents the Bloomberg Barclays US Corp Index, U.S. REITs represents the ICE BofAML U.S. REIT Index, Global Aggregate represents the Bloomberg Barclays Global Aggregate Index, TIPS represents the Bloomberg Barclays US Treasury TIPS Index, Municipals represents the Bloomberg Barclays Municipal Index, High Yield Municipals represents the Bloomberg Barclays HY Muni Index, 10 Year Treasuries represents the Bloomberg Barclays US Treasury 10 Yr Index, Preferred Securities represents the ICE BofAML Preferreds Index, U.S. Dividend Stocks represents the DJ U.S. Select Dividend Index.

There are risks involved with investing in ETFs, including possible loss of money. Shares are not actively managed and are subject to risks similar to those of stocks, including those regarding short selling and margin maintenance requirements. Ordinary brokerage commissions apply. Debt securities carry interest rate and credit risk. Interest rate risk refers to the risk that bond prices generally fall as interest rates rise and vice versa. Credit risk is the risk of loss on an investment due to the deterioration of an issuer's financial health. High-yield, municipal securities and emerging markets securities have additional risks. Some of the underlying securities of some Funds may be subject to call risk, which may result in the Funds having to reinvest the proceeds at lower interest rates, resulting in a decline in the Funds' income. Please see the prospectus of each Fund for more complete information regarding each Fund's specific risks.

Investing involves substantial risk and high volatility, including possible loss of principal. Bonds and bond funds will decrease in value as interest rates rise. An investor should consider the investment objective, risks, charges and expenses of a Fund carefully before investing. To obtain a prospectus and summary prospectus, which contain this and other information, call 800.826.2333 or visit vaneck.com. Please read the prospectus and summary prospectus carefully before investing.

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