

iShares JPMorgan USD Emerging Markets Bond ETF (NASDAQ: EMB)

Alternatives Division

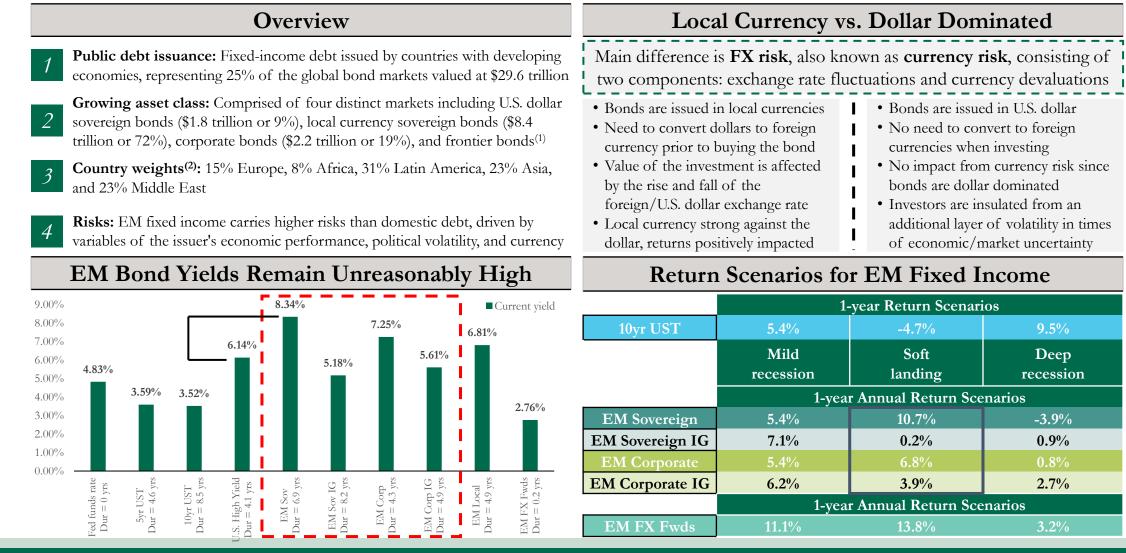
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ETF Overview (As of 4/26)		EMB Description	
Current price	\$85.34	 Tracks J.P Morgan EMBI Global Core Index (JPEICORE) composed of US dollar-denominated emerging market government bonds Exposure to 30+ emerging market countries Dividends distributed & holdings rebalanced monthly 	
NAV	\$15.01B		
Expense ratio	0.39%		
12M Trailing Yield	4.93%		
12M Yield & Dividend History		EMB Portfolio Characteristics	
7.00% 6.50%	7.00 6.50	Beta	0.47
6.00% 5.50% 5.00% 4.50% 4.50% 4.00% 3.50% 4.00% 3.50% 5.00 4.50 4.00 5.00 4.50 4.00 5.0		W.AVG Yield to Maturity	7.22%
		W.AVG Maturity	12.39 Yrs
		Eff. Duration	7.36
		Convexity	0.91
12 Month Yield (%) 12 month Div			

Emerging Market Sovereign Debt



(1): Note that while the frontier markets represent a growing portion of the universe of U.S. dollar-sovereign bonds, there's no simple definition of a frontier market. As such, they are not included in the JP Morgan GBI-EM Global Diversified of local currency sovereign bonds at an index level and should be looked at separately given the particularities of these issuers.

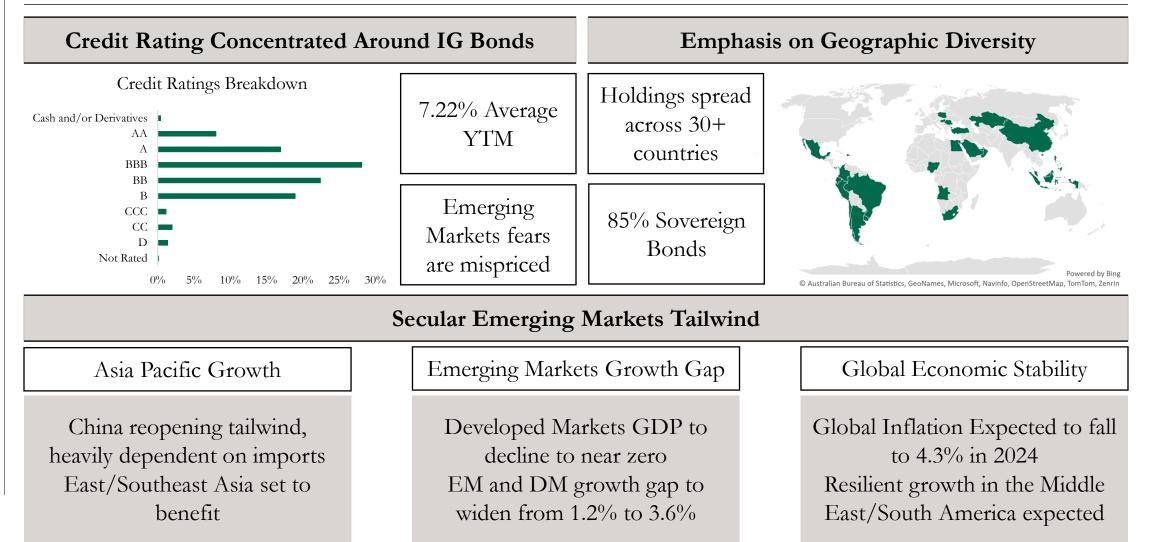
(2): Data is sourced from the JP Morgan Emerging Market Bond Index (As of Dec 2021).

Political and Economic Overview

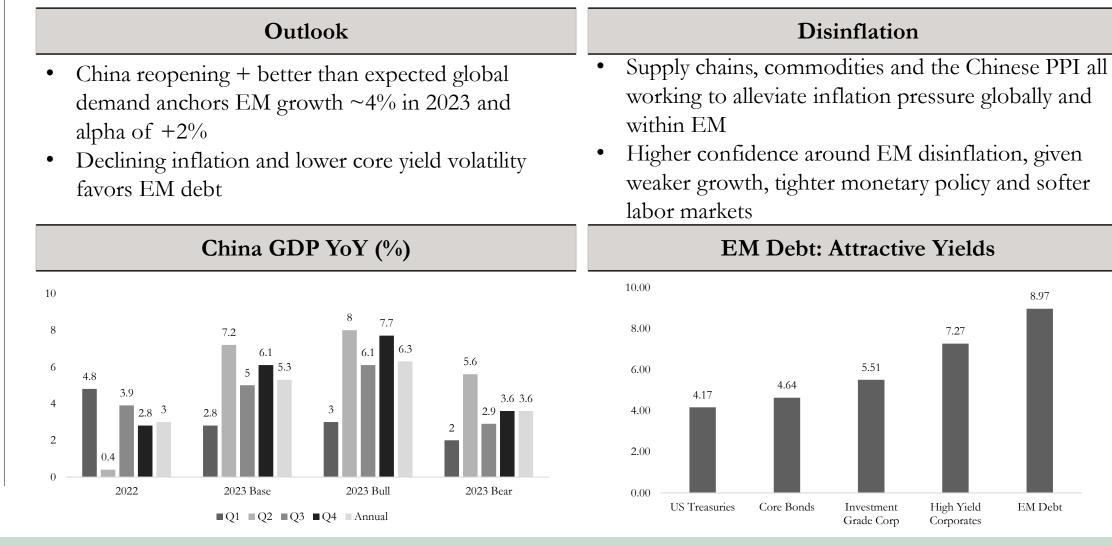


Advantage of EM Economy **Political and EM Relationship** Reduction in sovereign bond spreads in EM Economies of the US and other developed economies with strong democratic governments countries are slowing down This allows for opportunities to arise in emerging Whereas countries with more autocratic governments ٠ lead to an increase in sovereign bond spreads markets and its bonds EMB has holdings in countries with differing EM debt is reaching its end, giving it an advantage ٠ governing styles over other asset classes EM Debt Market **Banks' Domestic Sovereign Debt Exposure** 20 5% Banks as % of Total Assets 10% Gov. Debt Holdings of 15 43% 5 42% Sovereign Debt Corporate Debt 2005-09 2010-14 2015-19 2020 2021 Hard Currency Sovereign Debt Hard Currency Corporate Debt Advanced Economies Emerging Markets

Superior Credit Quality with Low Credit Risk



Favorable Landscape for Tightening Spreads

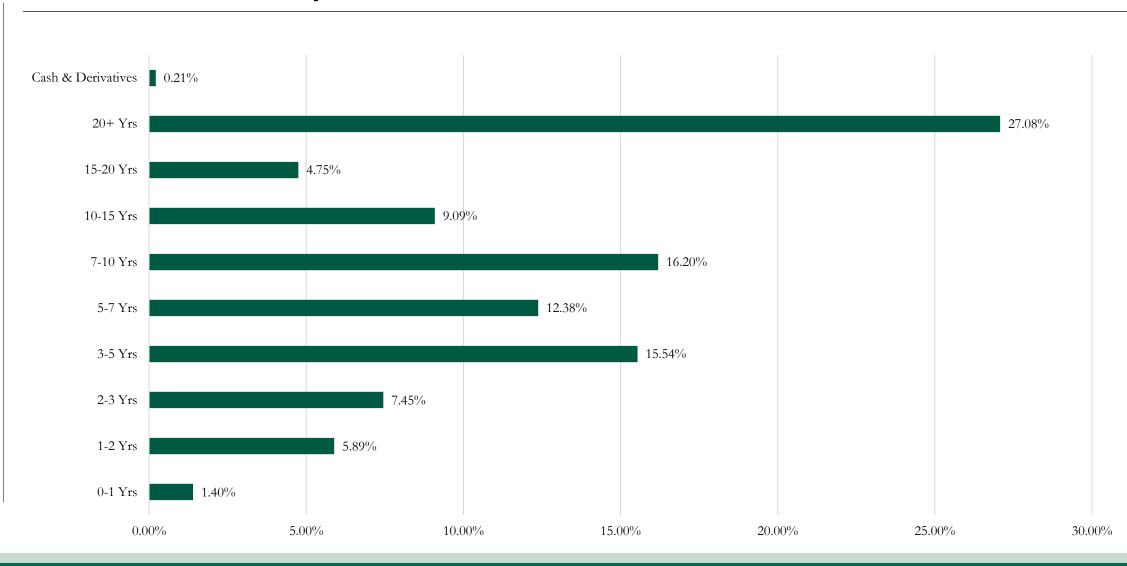


BINGHAMTON INVESTMENT FUND

Questions?

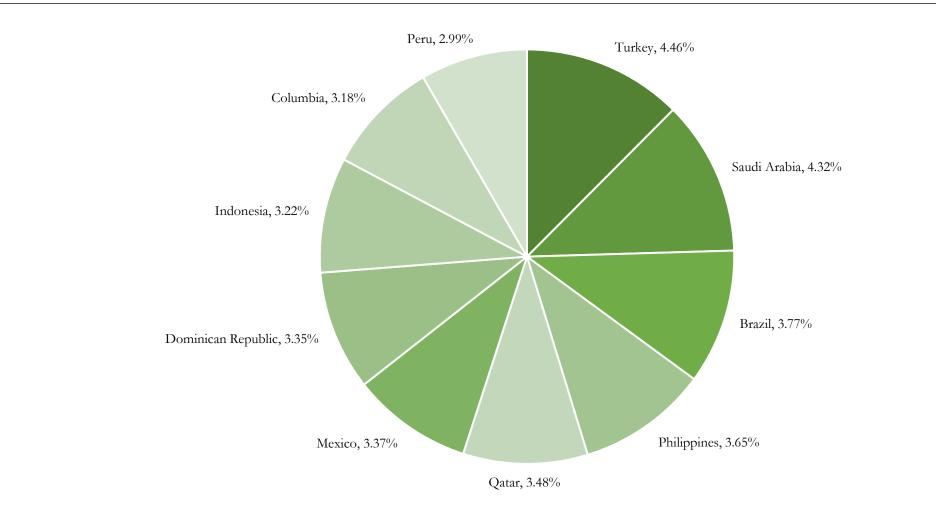


EMB Maturity Breakdown



<u>....II</u>

EMB Holdings Top Issuers



Top Holdings Represent 35% of Total Holdings