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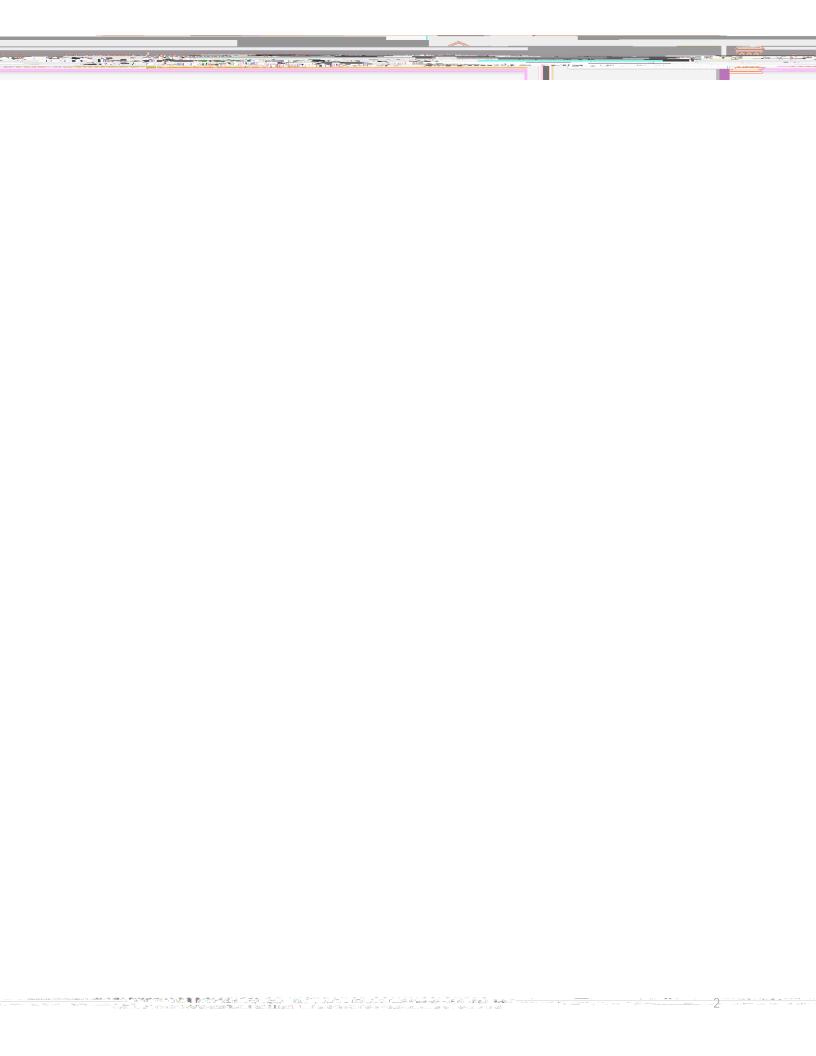
Total U.S. Insurers' Emerging Markets Investments as of Year-End 2021 Are Minimal

Analysts: Jennifer Johnson and Jean-Baptiste Carelus

At year-end 2021 U S insurers in estment in emerging markets (EM) bonds and stocks totaled \$42.1 billion in book/adjusted carrying value (BACV), which was less than 1% of total

In this special report the NAIC Capital Markets Bureau has analed the U.S. insurance industres e posure to EM countries based on the IMF definition. While there is no universal definition for what constitutes emerging market countries, the IMF defines non-ad anced economies as emerging market and de eloping economies. EM ¹ The countries that comprise emerging markets shift with changes in economic conditions; as such, emerging market economies can include those that might have been

¹ IMF, World Economic Outlook Update, April 2022.



Sovereign EM Bonds Were Less Than Half of Total EM Bond Investments

Within the industr s billion so ereign EM bond e posure which represented 42% of total EM bond investments, the majority was with Indonesia at \$2.7 billion, followed by Saudi Arabia at \$2.0 billion (see Table 3). The top five sovereign EM bond exposures totaled about \$9 billion. Each of the top five sovereign bond e posures ere rated at least in estment grade b S P and Mood s mitigating sovereign

stocks were about 4 of the U S insurance industr se posure to EM investments at both year-end 2021 and year-end 2020. The largest EM country stock exposure was with China, at \$548.3 million, or 29% of total EM stock exposure at year-end 2021. The top three EM country stock investments accounted for almost 70% of the U.S. insurance industr s total EM stock e posure at ear-end 2021. P C companies accounted for the majorit of U S insurers EM stock e posure at ear-end 2021, at 79% of total EM stocks. The top two industry sectors within the EM stock exposure were financials and technology, respectively.

Table 4: U.S. Insurers' EM Common and Preferred Unaffiliated Stocks (\$mil BACV), Year-End 2021

Country	Life	P/C	Title	Health	Total	% of Total
China	187.4	353.0	-	7.8	548.3	29%
Greece	0.1	498.6	-	-	498.7	27%
India	124.5	74.6	1	6.1	205.2	11%
Taiwan	5.9	177.1	1	19.5	202.4	11%
Mexico	1.5	119.3	4.0	22.7	147.6	8%
Egypt	-	136.9	1	-	136.9	7%
Russia	0.7	27.5	1	1	28.3	2%
Indonesia	0.2	20.1	1	2.8	23.1	1%
Thailand	0.7	17.7	1	1	18.4	1%
Brazil	4.4	11.7	-	0.6	16.8	1%
Colombia	0.1	15.9	-	-	15.9	1%
South Africa	1.2	13.5	-	-	14.7	1%
Other	1.0	5.9	-	4.9	11.8	1%
Total	327.8	1,471.7	4.0	64.5	1,868.0	100%
	18%	79%	0%	3%		

Global growth reached 6.1% in 2021; however, for 2022, growth projections are grim due in part to Russia s in asion of Ukraine following on the slow economic recovery from the COVID-19 pandemic, including among EM countries. According to the IMF Global Financial Report dated April 2022, Rising risks to the inflation outlook and rapidly changing views about the likely pace of monetary policy tightening have been dominant themes affecting financial stability ⁴ As such, 2022 began economically weaker than expected. Increasing energy prices and persistent supply disruptions have led to higher and more broad-based inflation than previously anticipated, not only in the U.S., but also in EM countries. According to the IMF, in EM countries, inflation is projected to be 8.7% in 2022 (compared to 5.5% in 2021). Price pressures, reflecting higher commodity and food prices among other factors, have resulted in some EM central banks, such as in Brazil, raising interest rates in an attempt to manage inflation. Note that some EM countries, particularly those in Latin America, have benefited from higher commodity prices as energy exporters.

⁴ IMF World Economic Outlook Update, April 2022.

For EM countries, aggregate economic growth was estimated at 6.8% in 2021, (see Table 5). EM countries in Asia demonstrated stronger growth than other EM areas, at 7.3 China's growth in 21, 8.1%, exceeded both the U.S. and overall global growth. China's economy benefits, in part, from its role as a vital global supply chain source. As such, China is the only country that demonstrated economic growth in 2020, during the peak of the COVID-19 pandemic. However, along with COVID-19 pandemic-related disruptions.

Saudi Arabia US insurers second largest so ereign EM bond e posure at ear-end 2021 is expected to achieve 7.6% growth in 2022 by the IMF, due likely to its role in oil production, compared to 3.2% growth in 2021; and in Indonesia US insurers largest EM so ereign bond e posure growth is expected to increase to 5.4% in 2022 from 3.7% in 2021. In contrast, for Me ico US insurers third largest so ereign EM bond exposure, growth is projected to decrease to 2% in 2022 from 4.8% in 2021. Note that Russia's economy is expected to contract 8.5% in 2022 compared to 4.7% growth in 2021.

As of April 2022, the IMF forecasted growth in 2022 for all EM countries to be 3.8%. In emerging Europe, a contraction of 2.9% is expected in 2022, compared to 6.7% growth in 2021. Latin America/Caribbean is expected to achieve 2.5% growth in 2022, compared to 6.8% in 2021. According to the IMF s April 2022 WEO, employment and growth are likely to remain below pre-pandemic levels for a longer period of time in EM economies compared to advanced economies, due in part to limited policy support among other factors. The COVID-19 pandemic also resulted in an unprecedented increase in sovereign debt among EM countries, making them more vulnerable to interest rate increases.

Table 5:
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Source: IMF World Economic Outlook Update, April 2022.
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