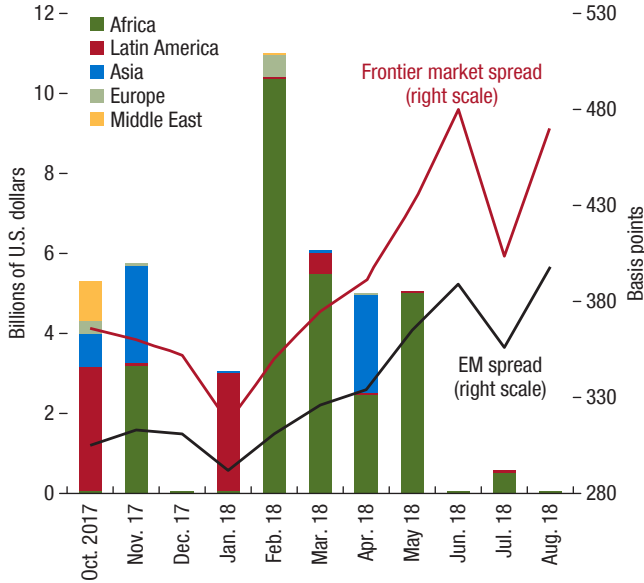


**Figure 1.13. Frontier Markets: Bond Issuance and Redemptions**

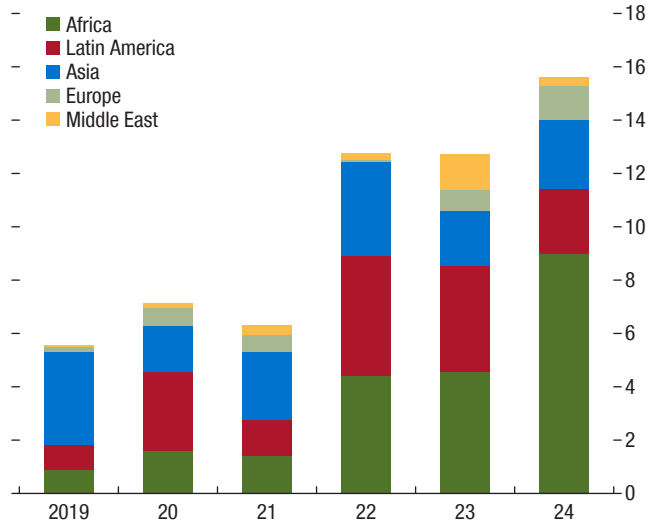
Frontier market debt issuance slowed down in 2018:Q3 after reaching record highs in early 2018.

Rollover needs will rise after 2021, with some countries facing more challenging redemption profiles.

**1. International Bond Issuance by Frontier Market Sovereign and Corporate Issuers**  
(Billions of U.S. dollars and basis points)



**2. Upcoming International Bond Redemptions of Frontier Market Sovereign Issuers**  
(Billions of U.S. dollars)



Sources: Bloomberg Finance L.P.; Bond Radar; and IMF staff estimates.

Note: Frontier markets are all countries included in JPMorgan Next Generation Emerging Market Index. EM = emerging market.