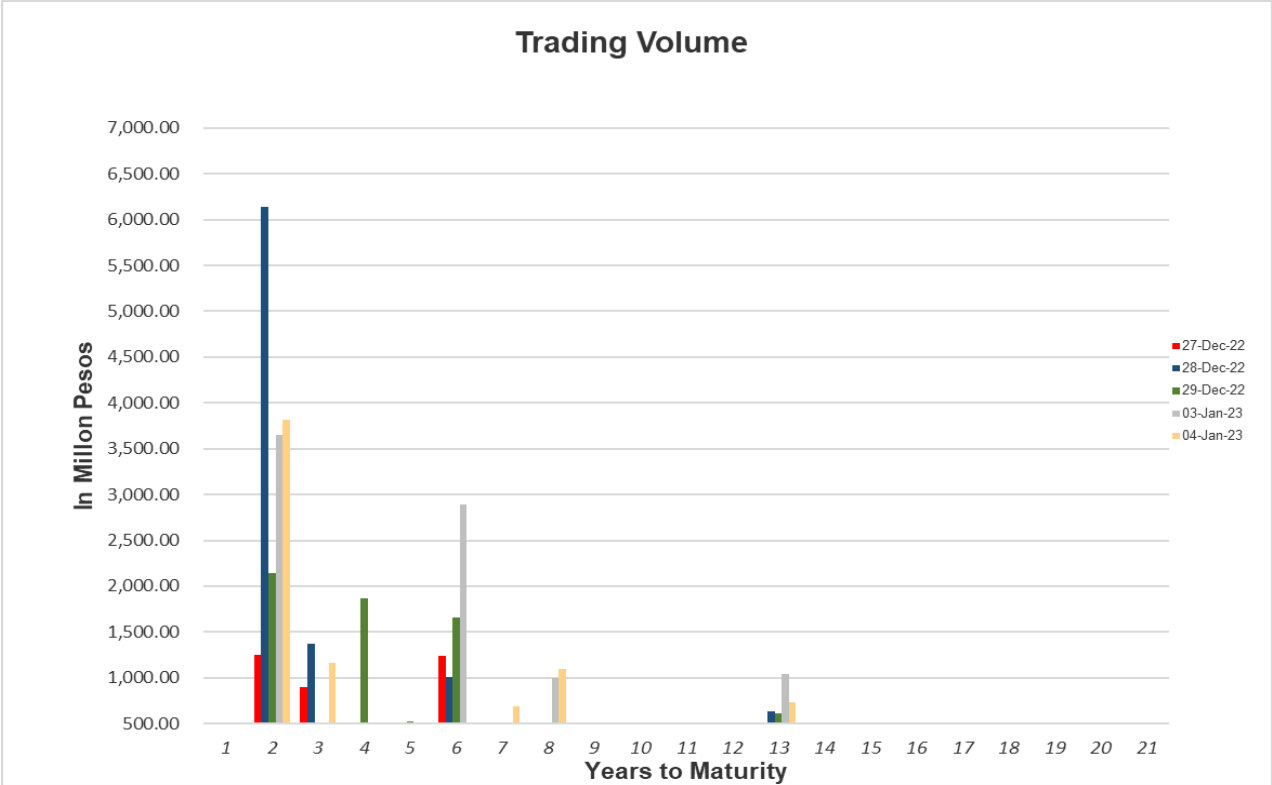
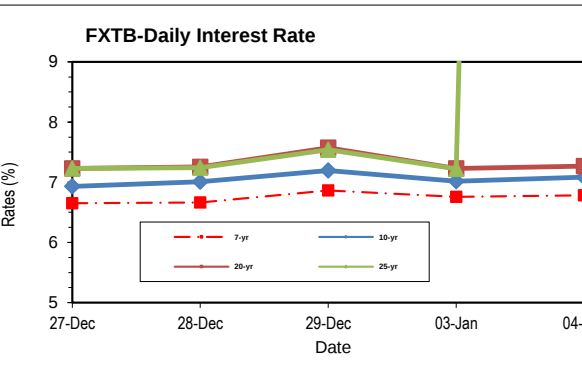
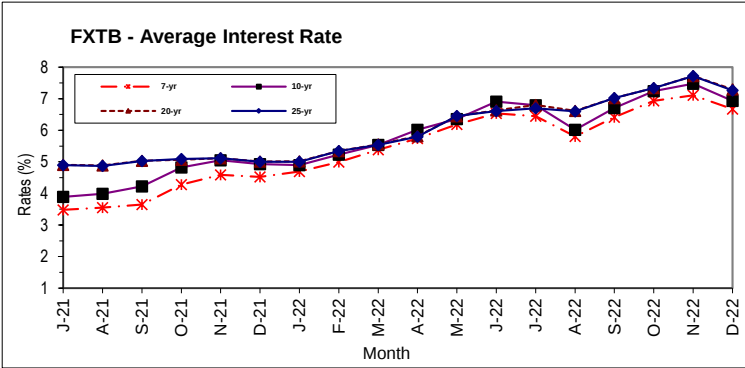
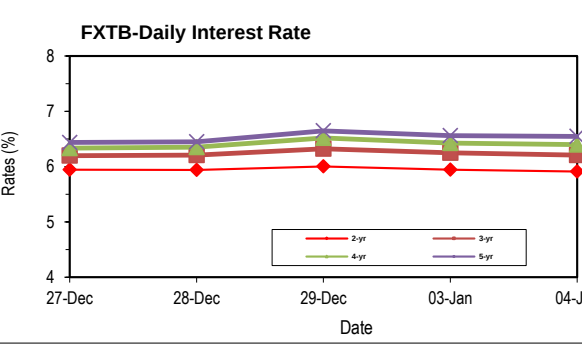
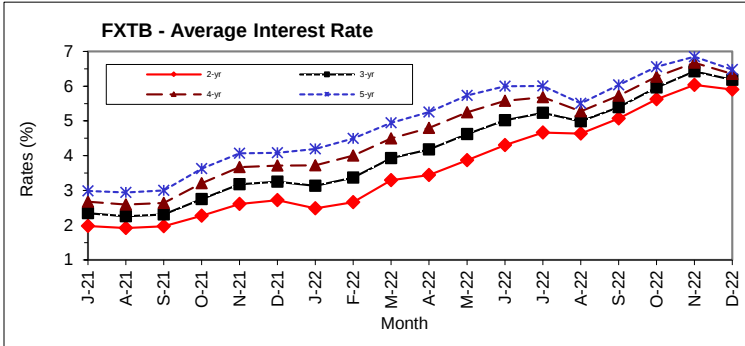
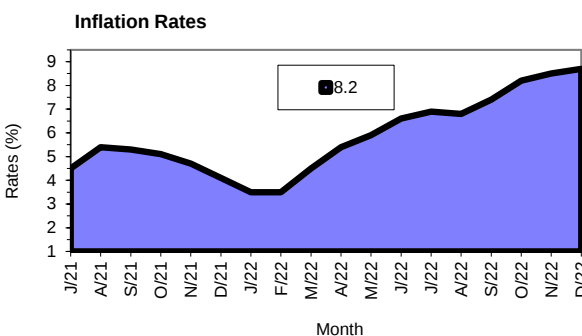
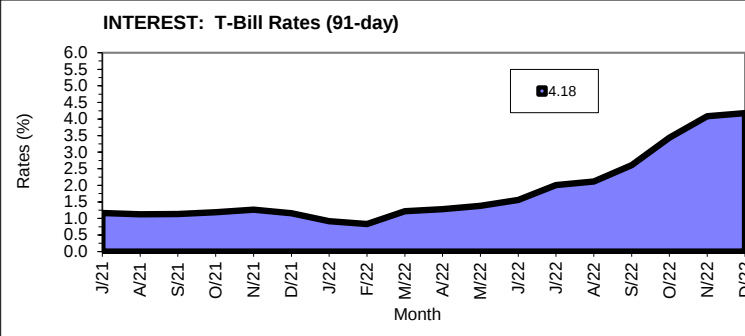
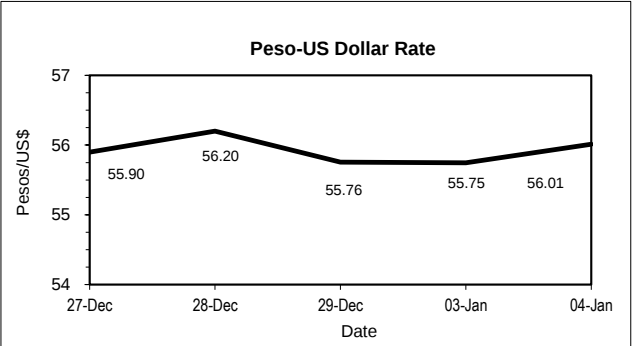
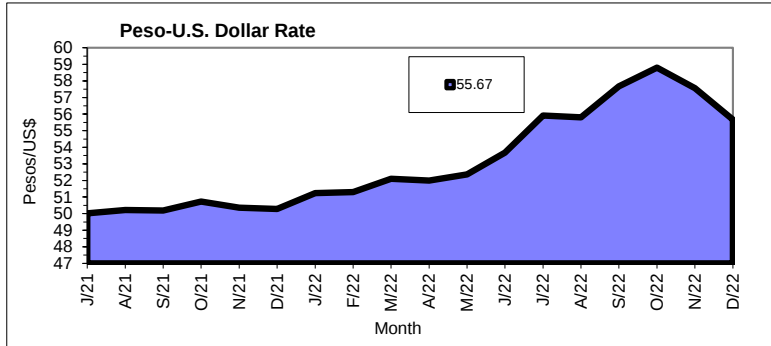
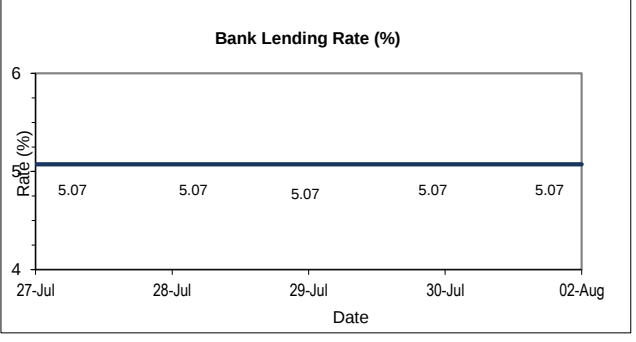
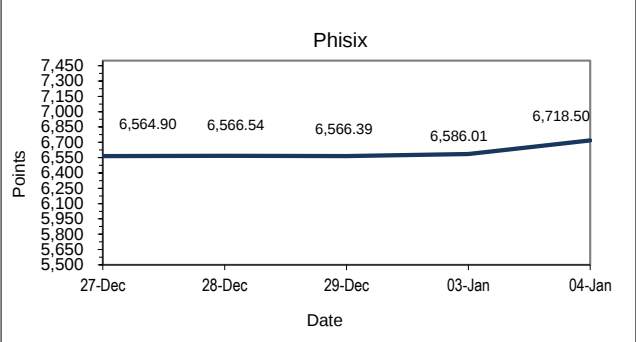
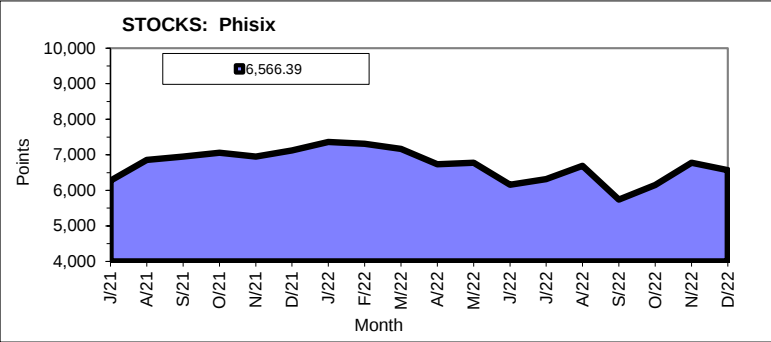
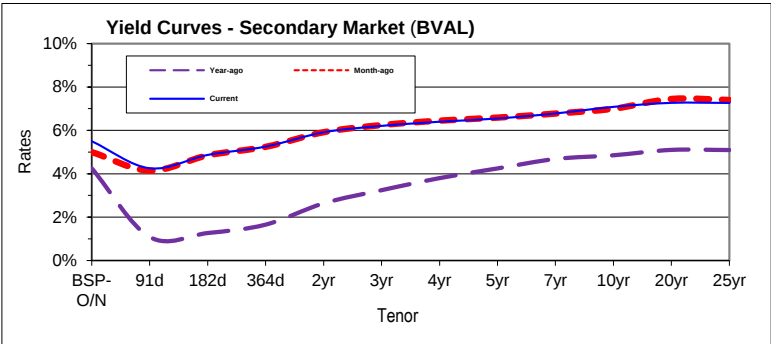


D. **MARKET TRENDS** note: Data points beginning October 29, 2018 are based on **Bloomberg Valuation (BVAL)** methodology, following the phasing out of R2 reference rates.





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ORIGINAL SIGNED
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