

Session 1B: The Usage of ETF in Insurance Companies and Pension Funds

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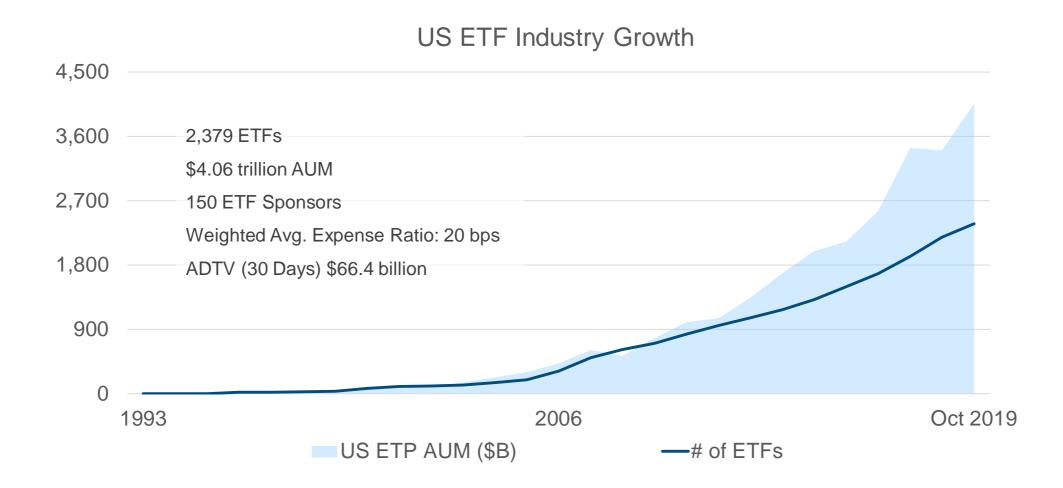


# ETF Industry Snapshot





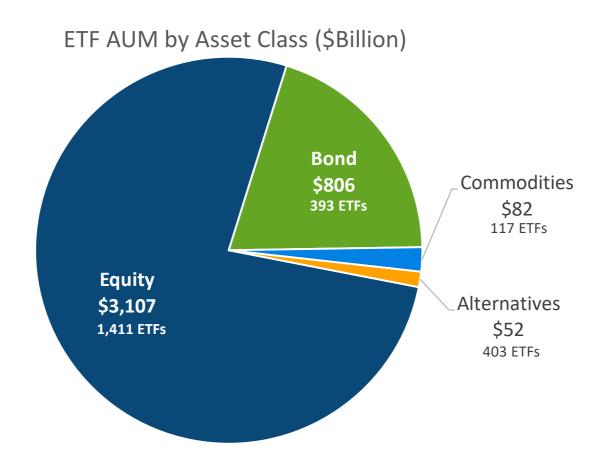
#### **US ETF AUM**



Source: Morningstar, Bloomberg, as of October 24, 2019. Chart is provided for illustrative purposes.



## ETF Industry AUM Breakdown



Source: Morningstar, as of October 24, 2019. Chart is provided for illustrative purposes.



# ETFs in Insurance General Accounts

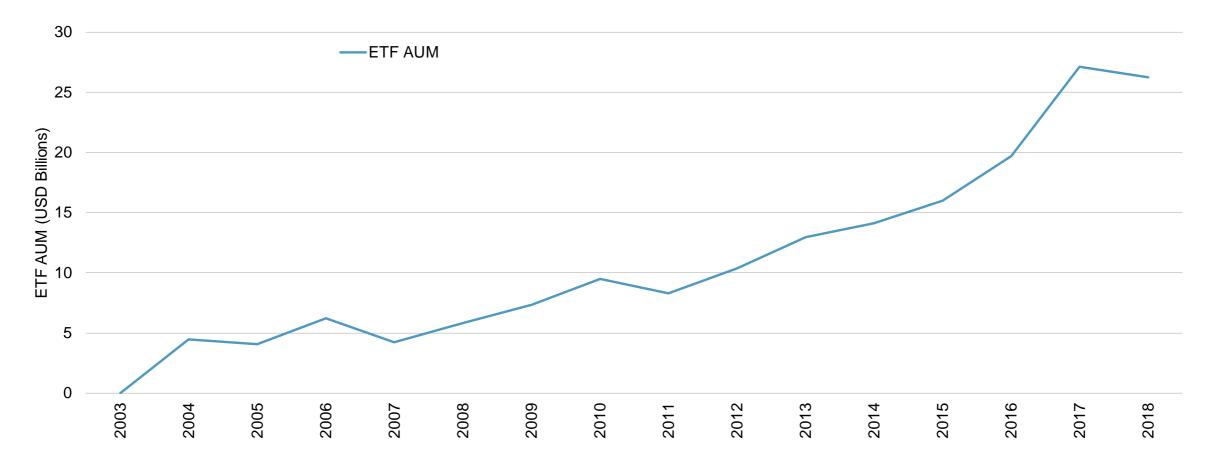
Raghu Ramachandran

27 October 2019





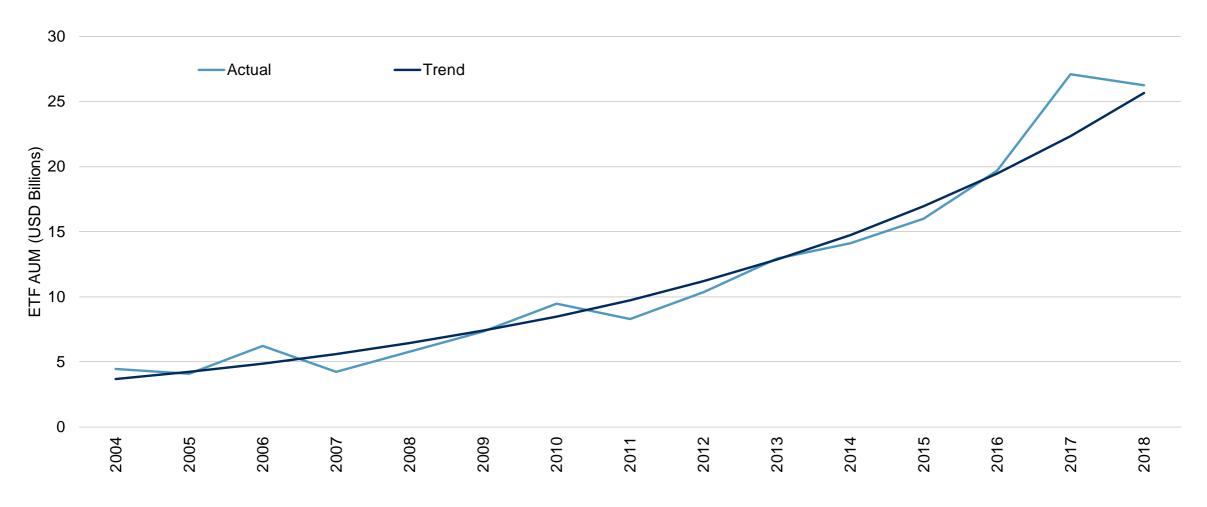
#### **ETF AUM**



Source: National Association of Insurance Commissioners (NAIC) via S&P Global Market Intelligence. Data as of Dec. 31, 2018. Chart is provided for illustrative purposes.



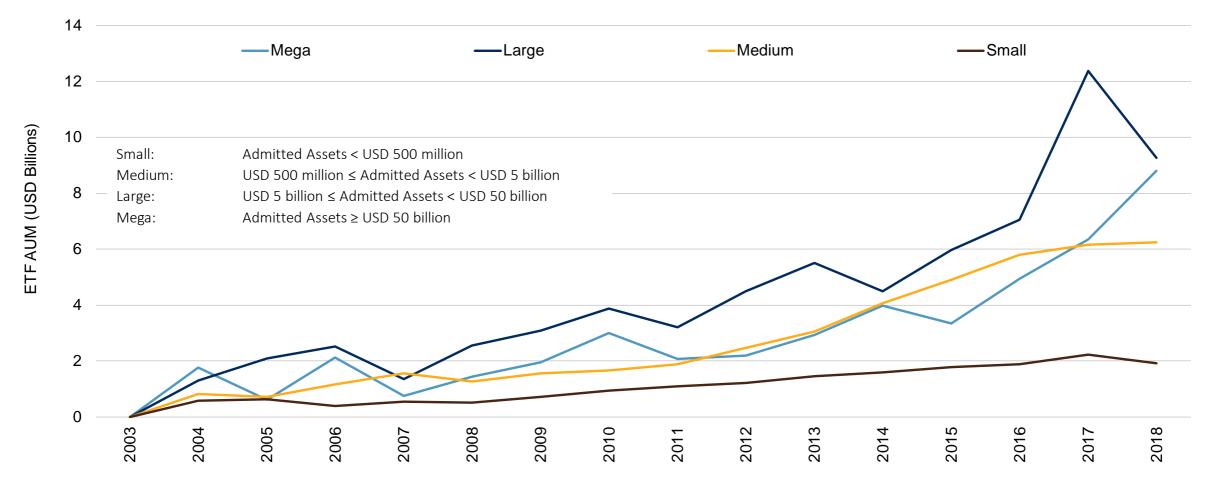
#### **ETF AUM Growth Trend**



Source: NAIC via S&P Global Market Intelligence. Data as of Dec. 31, 2018. Chart is provided for illustrative purposes.



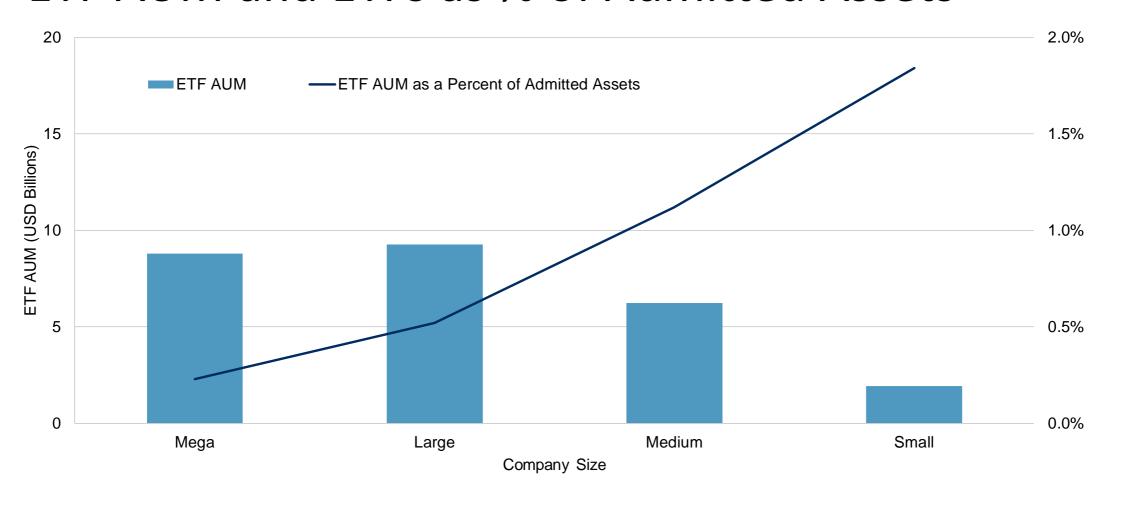
# ETF Usage by Size of Insurance Company



Source: NAIC via S&P Global Market Intelligence. Data as of Dec. 31, 2018. Chart is provided for illustrative purposes



#### ETF AUM and ETFs as % of Admitted Assets

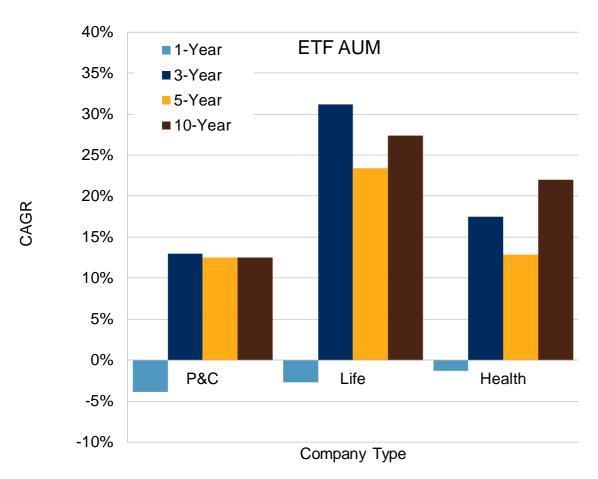


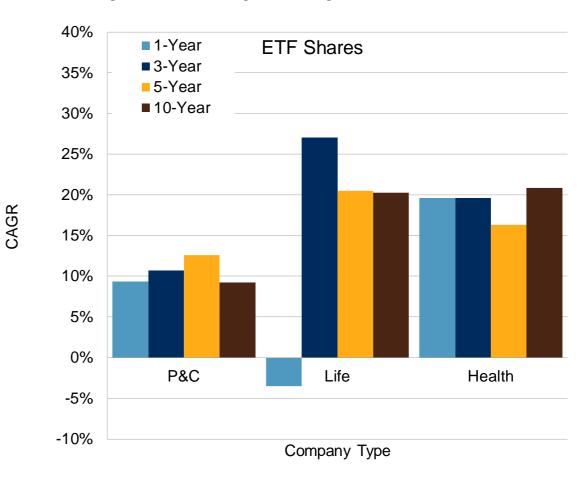
Source: NAIC via S&P Global Market Intelligence. Data as of Dec. 31, 2018. Chart is provided for illustrative purposes.



ETF AUM as % of Admitted Assets

### CAGR of ETF AUM and Shares by Company

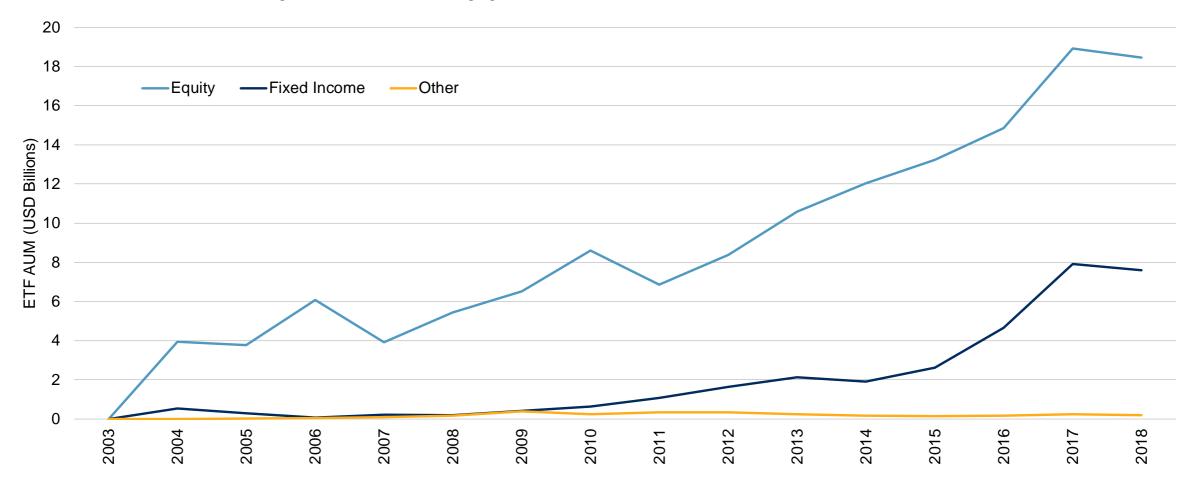




Source: NAIC via S&P Global Market Intelligence. Data as of Dec. 31, 2018. Charts are provided for illustrative purposes



### ETF AUM by Asset Type

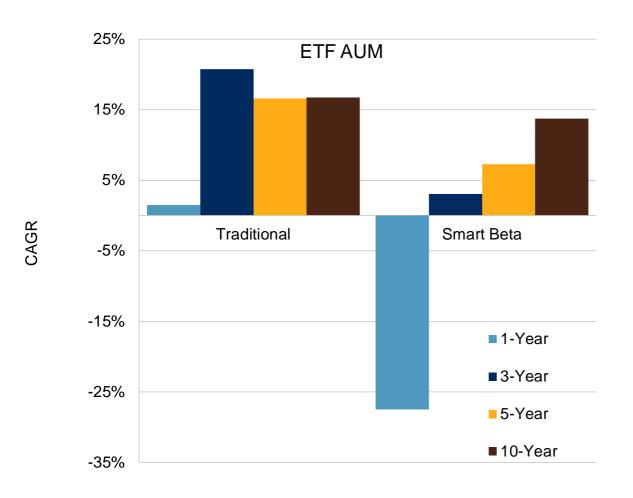


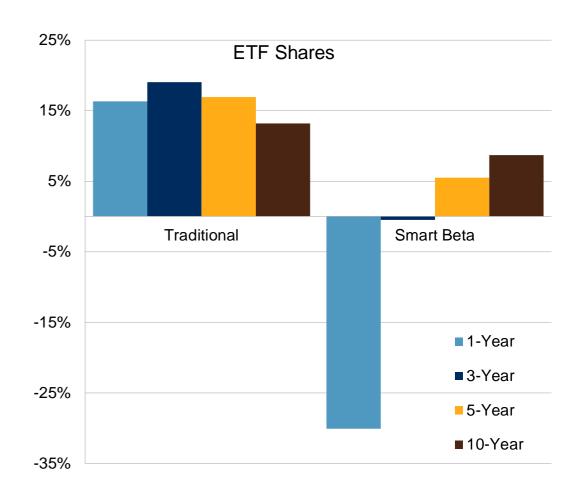
Source: NAIC via S&P Global Market Intelligence. Data as of Dec. 31, 2018. Chart is provided for illustrative purposes.



#### CAGR of Insurance ETF AUM and Shares

CAGR





Source: NAIC via S&P Global Market Intelligence. Data as of Dec. 31, 2018. Charts are provided for illustrative purposes



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