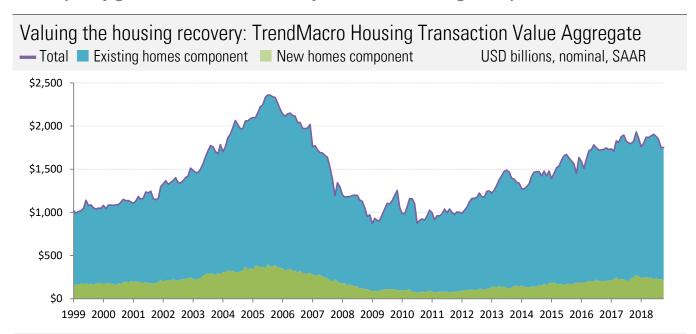


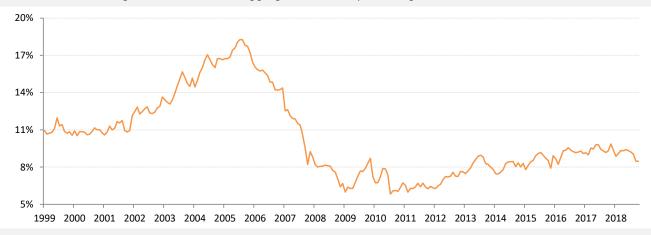
Data Insights: A Few of Our Favorite Things

Wednesday, November 28, 2018

Mid-frequency growth indicators not already covered in other regular reports.



— TrendMacro Housing Transaction Value Aggregate: Total as percentage of GDP

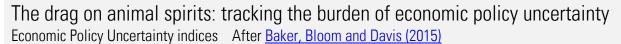


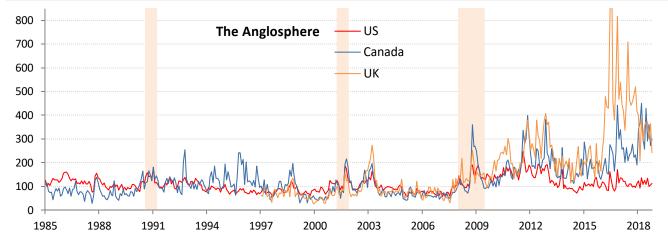
Source: Census Bureau, National Assoc. of Realtors, Bureau of Economic Analysis, TrendMacro calculations

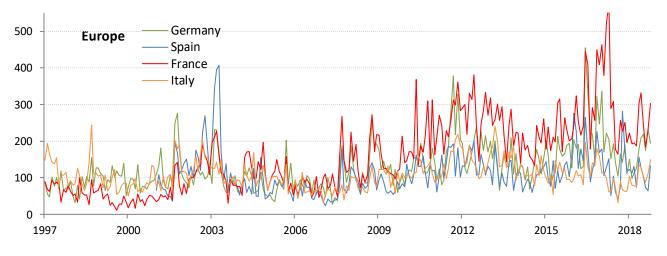
For more information contact us:

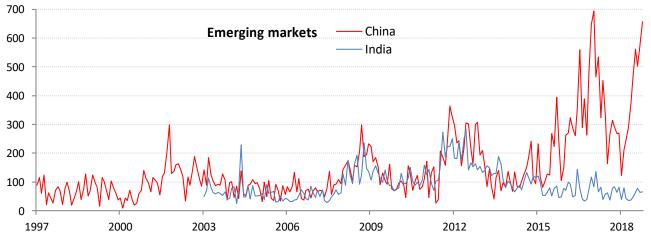
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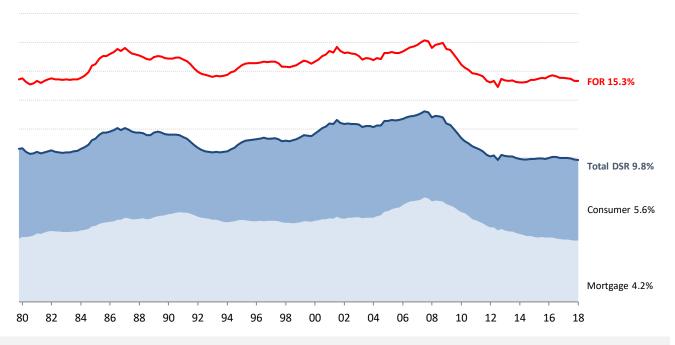




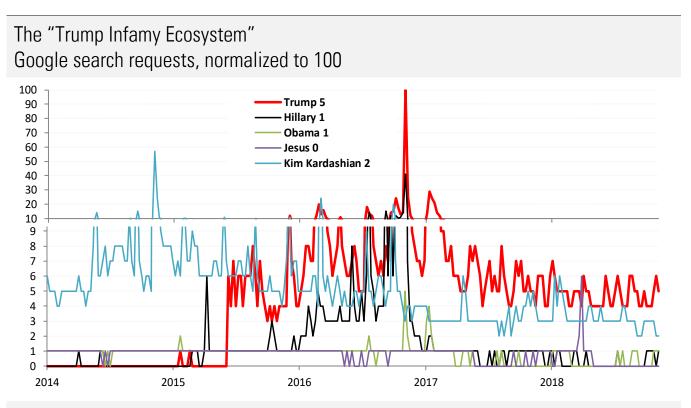
Source: Baker, Bloom and Davis, TrendMacro calculations

The deleveraging consumer: Financial obligation and debt service ratios

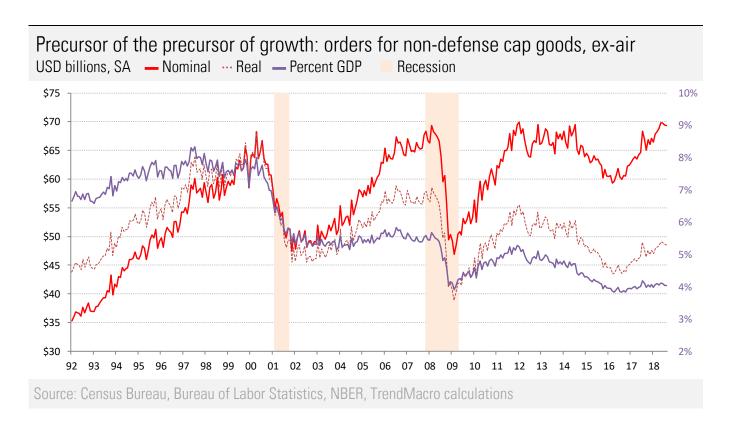
Payments of mortgage and consumer debt, automobile leases, home rental and insurance, and property taxes as percentage of after-tax income.

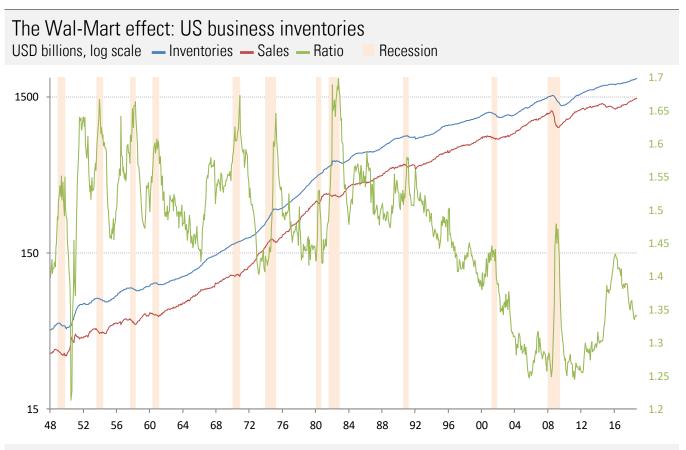


Source: Federal Reserve, TrendMacro calculations

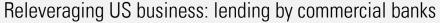


Source: Google Trends, TrendMacro calculations

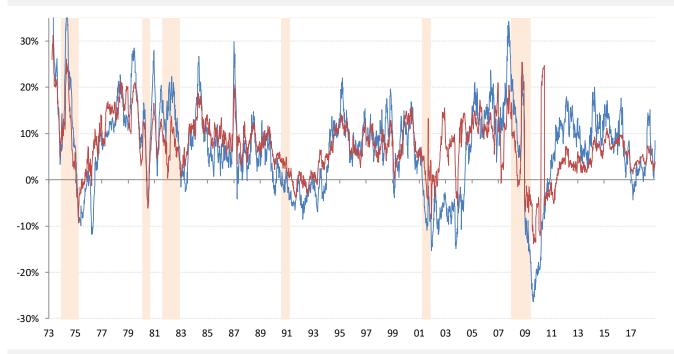




Source: Census Bureau, NBER, TrendMacro calculations



13-week annualized growth — Total credit in loans and leases — Commercial and industrial loans — Recession



Source: Federal Reserve, NBER, TrendMacro calculations

