

NATIONAL MI IS PLEASED TO BRING YOU OUR Winter 2021 Edition of the Economic Market Snapshot

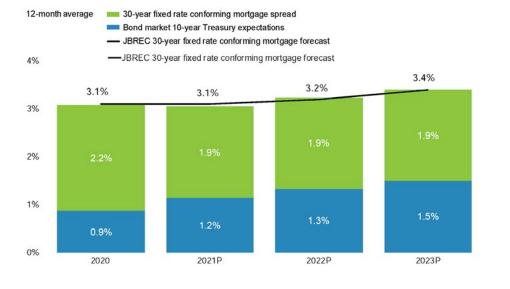
As reported by John Burns Real Estate Consulting, US existing home sales are expected to grow YOY through 2023, reaching their highest levels since 2005. The strong existing home sales growth is due in part to the record low interest rates that should remain in the 3 percent range through that same period.

- The share of existing homes sold to first-time buyers is near its lowest level since 1987.
- According to the John Burns Current Market Conditions report, new home sales and price appreciation are now ranked "strong" or "very strong" in 82 percent of the top 50 housing markets, up from zero percent in April of 2020. An additional 18 percent of the markets are ranked "normal," which reflects builders selling 2-3 homes per month per community with rising net prices. There are no markets ranked lower than "normal."
- Housing numbers remain strong even as the official unemployment rate remains flat at 6.7 percent for December 2020.

After a record drop in employment in 2020, John Burns consulting expects employment to grow 2.5 percent in 2021 and continue growing 2 to 3 percent annually through 2023. Median Equifax[®] credit scores remain elevated at a record high of 784 as of 2Q20 due to tightening credit standards since 2006 when the record credit score low was 707. Existing home sales continue to be a bright spot during the challenges of the pandemic, and with record low mortgage rates, we should see a strong housing market through 2023.

We Base Our Mortgage Rate Forecast on Market Pricing for 10-Year Treasuries and Our View of the Mortgage Premium

The future spread for mortgage rates over 10-year Treasuries should be ~20-30 basis points higher than the historical 170 basis point spread for 3 reasons: 1) Mortgage servicing compliance costs have risen ~25bps per year, 2) GSE mortgage fees have increased ~25bps per year, 3) Mortgage investing risk has increased as some liability shifts to mortgage owners, but has also decreased due to better documentation and an explicit government guarantee, so assume a negligible net effect. We are calling for slowing economic growth going forward, which should gradually drive premiums higher. The spread can vary widely over time for other reasons.

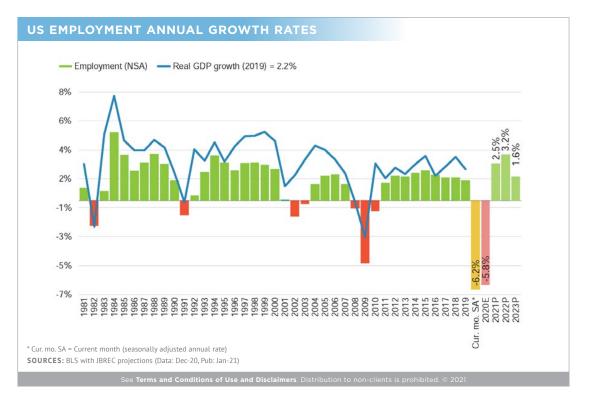


SOURCES: Bloomberg; John Burns Real Estate Consulting, LLC (Data: Dec-20, Pub: Jan-21)

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US Employment Growth Rates

After a record drop in 2020, we expect employment to grow 2.5% in 2021 and continue growing 2% to 3% annually through 2023.



30-YEAR FIXED CONFORMING MORTGAGE RATE FORECAST

US Existing Home Sale Closings

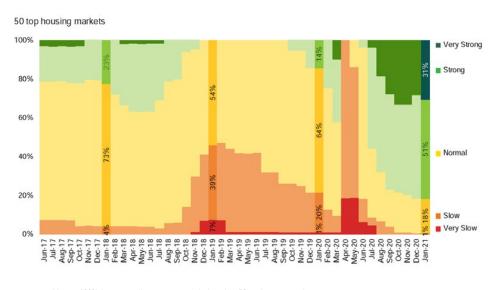
We forecast existing home sales to grow YOY through 2023, reaching the highest since 2005.



Current Market Conditions: 31% of Markets are Very Strong

New home sales and price appreciation are now Strong or Very Strong in 82% of markets, up from 0% in April. In our rating process, Normal reflects builders selling 2-3/month per community with rising net prices.

CURRENT MARKET CONDITIONS



Percentages may not add up to 100% due to rounding, as some months less than 50 markets are rated. SOURCE: John Burns Real Estate Consulting, LLC (Pub: Jan-21)

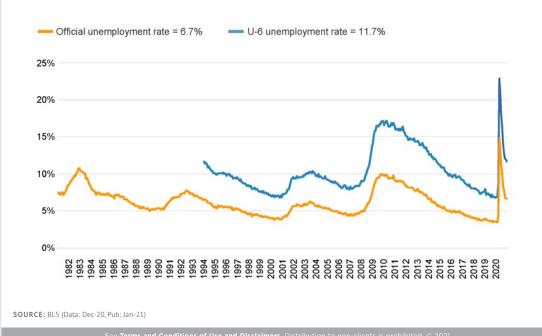
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Unemployment Rate

The unemployment rate remained flat at 6.7% in December. The U-6, a broader measure of unemployment that captures underemployment and discouraged workers, fell to 11.7%.

The U-6 unemployment rate is a broader measure of unemployment that covers part-time workers who would like full-time work and those who have given up looking for work.

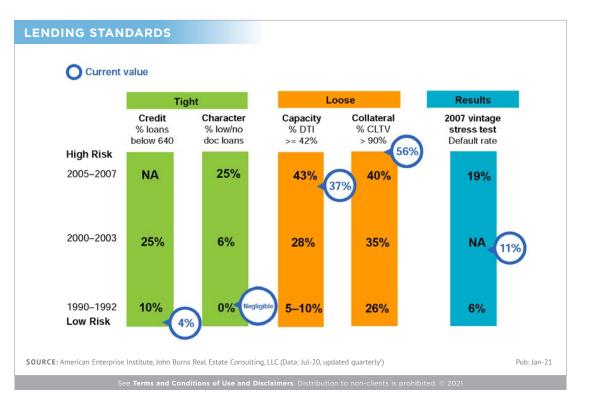
US LABOR FORCE UNEMPLOYMENT RATE (SA)



Lending Standards on Government-Backed Loans: 70% of All Loans

Current lending standards are tight on credit and documentation, but not on DTI and LTV.

This chart only includes primary purchase loans guaranteed by the five government agencies (Fannie Mae, Freddie Mac, FHA, VA, and RHS). These loans currently account for 70% of all primary purchase loans (by count). Our current percentage of low/no document loans is based on JBREC analysis. The DTI numbers shown include only back-end DTI percentages.



National FICO[®] Score Distribution

Consumers have slowly rebuilt their credit profiles. In 2019, 59% had FICO scores above 700, and 81% had FICO scores above 600.

Scores are based on the following five categories in order of weighting: payment history (35%), amounts owed (30%), length of credit history (15%), new credit (10%), and types of credit used (10%).



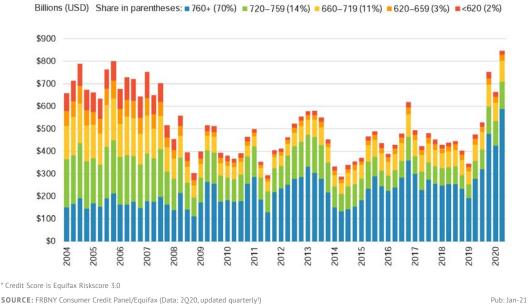
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Mortgage Originations by Equifax Credit Score

In 1Q07, 15% of mortgage originations were to subprime borrowers with a credit score of <620. As of 2Q20, only 2% of mortgages went to borrowers with a credit score less than 620.

MORTGAGE ORIGINATIONS BY CREDIT SCORE*



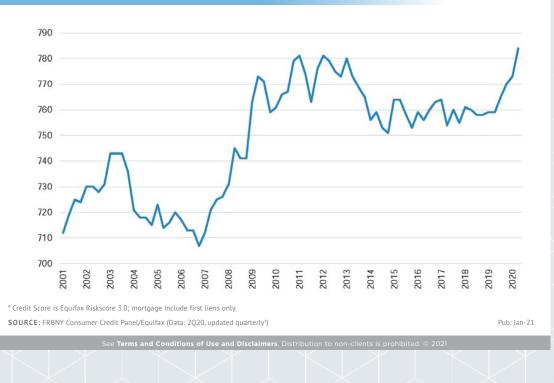
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Median Credit Score at Mortgage Origination

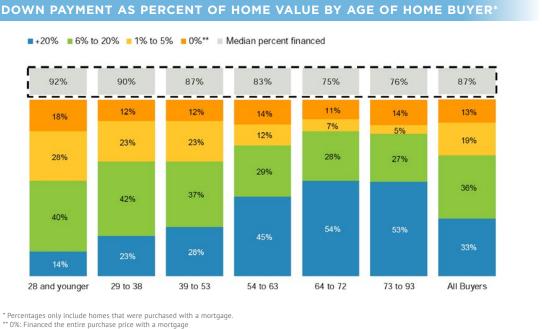
The median Equifax credit score at mortgage origination fell to 707 during the credit heyday of 2006. Since then, creditors have tightened standards. As of 2020 median score at origination was a record high 784.



MEDIAN CREDIT SCORE AT MORTGAGE ORIGINATION*

Financing the Home Purchase by Age Group

32% of all home buyers who use a mortgage are putting 5% or less down. The figure jumps to 46% among those 28 and younger. Only 18% of 64- to 72-year-olds have an LTV of +95%.



SOURCE: ©2019 National Association of REALTORS® Home Buyer and Seller Generational Trends (Data: 2020, updated quarterly!)

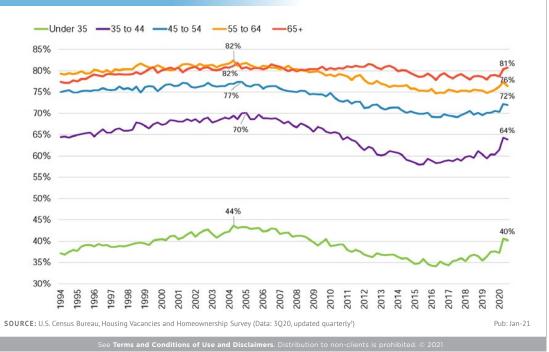
Homeownership Rate by Age

Homeownership rates decreased across all age groups in 3Q20, except 65+.



The pandemic has complicated the Census's most recent collection process. We do not believe the most recent print is accurate.

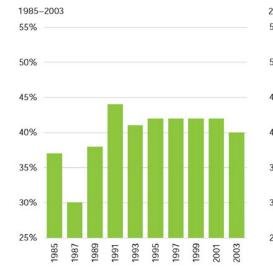
HOMEOWNERSHIP RATE BY AGE

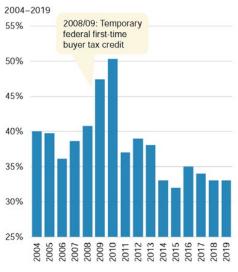


Share of Homes Sold to First-Time Buyers

The share of existing homes sold to first-time buyers is near the lowest level since 1987. Peak share was reached in 2010 when 50% of buyers were first-time buyers.

SHARE OF EXISTING HOMES SOLD TO FIRST-TIME BUYERS





SOURCES: NAR; John Burns Real Estate Consulting, LLC (Data: 2019, updated quarterly¹)

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