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MAY 2021 OVERVIEW

Each month, the Black Knight Originations Market Monitor reviews a series of key market indicators to help provide clarity on mortgage lending activity. By drawing information directly from origination pipelines, we can provide a more comprehensive and timely sense of monthly market trends than has previously been available publicly.

Overall rate lock volume was down again in May, with declines seen across all loan purposes – purchase loans as well as cash-out and rate/term refinances. <u>Inventory challenges</u> in the real estate market appear to be putting downward pressure on purchase lending, while refinance activity continues to be constrained despite historically low interest rates. We also saw the average loan amount tick up in May, likely due to a growing jumbo share of lending alongside home price appreciation. And while refinance incentive has returned to the market, with more than 14 million high-quality refi candidates – a 15% increase from March – actual refinance rate locks dropped by 27% over the same period.

In producing the Originations Market Monitor, Black Knight aggregates and reports the latest available monthly rate lock data drawn from the company's Optimal Blue PPE – the most widely used product and pricing engine in the industry. The company's Secondary marketing Technologies group provides additional market insight by way of dual market-leading hedging platforms. For more information on gaining access to Black Knight's secondary-focused solutions and data assets, please call 844-474-2537 or email AskBlackKnight@bkfs.com.









MAY 2021 NATIONAL RATE LOCK METRICS

Here, we look at the month's national origination numbers to give a high-level overview of the month's activity. This information is drawn from Black Knight's <u>Optimal Blue PPE</u>. Click on each chart to see its contents in high-resolution.

MAY NATIONAL STATS



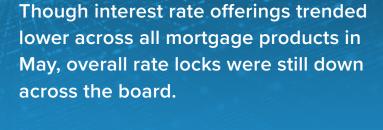
RATE LOCK VOLUME

Declines were seen across purchase locks (-3.4%) as well as both cash-out (-3.4%) and rate/ term (-8.2%) refinance locks



AVERAGE LOAN AMOUNT

The average loan amount was up \$6,000 from April, likely a function of a growing jumbo share of lending alongside home price appreciation





AVERAGE CREDIT SCORE

Average credit scores remained flat in May



MONTH-END CONFORMING RATE

May's month-end average conforming 30-year rate was down 2 basis points from April and down 7 basis points since the end of February



MAY 2021 TOP 20 METROPOLITAN AREAS

Here we look at May's top 20 metropolitan statistical areas (MSAs) by share of origination volume. This information is derived from daily rate lock data from Black Knight's Optimal Blue PPE. Click on the chart to see its contents in high resolution.

| | Metropolitan Statistical Area (MSA) | % of Lock Volume | MoM Growth | Avg Loan Amount (\$) | Avg Rate | Avg Credit Score | Avg LTV | Purchase | Refi |
|----|--|------------------|------------|----------------------|----------|------------------|---------|----------|------|
| | NATIONAL | 100.0% | -4.7% | 316,549 | 3.119 | 733 | 75 | 56% | 44% |
| 1 | Los Angeles-Long Beach-Anaheim, CA | 5.2% | -5.8% | 558,932 | 3.077 | 746 | 63 | 41% | 59% |
| 2 | Washington-Arlington-Alexandria, DC-VA-MD-WV | 4.4% | -1.7% | 452,702 | 2.991 | 743 | 75 | 58% | 42% |
| 3 | New York-Newark-Jersey City, NY-NJ-PA | 4.3% | -9.1% | 435,970 | 3.087 | 739 | 72 | 55% | 45% |
| 4 | Chicago-Naperville-Elgin, IL-IN-WI | 3.4% | -7.1% | 288,603 | 3.101 | 737 | 78 | 63% | 37% |
| 5 | Seattle-Tacoma-Bellevue, WA | 2.7% | 1.4% | 491,744 | 3.089 | 746 | 69 | 54% | 46% |
| 6 | Phoenix-Mesa-Scottsdale, AZ | 2.7% | -4.4% | 321,849 | 3.202 | 731 | 72 | 49% | 51% |
| 7 | Dallas-Fort Worth-Arlington, TX | 2.5% | -5.6% | 316,183 | 3.125 | 730 | 77 | 59% | 41% |
| 8 | San Francisco-Oakland-Hayward, CA | 2.4% | -8.4% | 659,132 | 3.042 | 758 | 60 | 43% | 57% |
| 9 | Boston-Cambridge-Newton, MA-NH | 2.3% | -1.3% | 459,722 | 3.027 | 747 | 69 | 56% | 44% |
| 10 | Denver-Aurora-Lakewood, CO | 2.3% | -4.0% | 401,974 | 3.090 | 744 | 71 | 52% | 48% |





MAY 2021 TOP 20 METROPOLITAN AREAS

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|----|---|------------------|------------|----------------------|----------|------------------|---------|----------|------|
| 11 | Atlanta-Sandy Springs-Roswell, GA | 2.1% | -4.0% | 292,144 | 3.111 | 724 | 76 | 60% | 40% |
| 12 | Riverside-San Bernardino-Ontario, CA | 2.0% | -7.6% | 361,991 | 3.114 | 724 | 71 | 44% | 56% |
| 13 | Houston-The Woodlands-Sugar Land, TX | 1.9% | -11.0% | 288,501 | 3.132 | 726 | 80 | 66% | 34% |
| 14 | Miami-Fort Lauderdale-West Palm Beach, FL | 1.8% | -11.3% | 360,514 | 3.237 | 728 | 73 | 61% | 39% |
| 15 | San Diego-Carlsbad, CA | 1.7% | -7.4% | 533,388 | 2.989 | 750 | 66 | 41% | 59% |
| 16 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 1.5% | -8.2% | 291,003 | 3.110 | 733 | 76 | 58% | 42% |
| 17 | Minneapolis-St. Paul-Bloomington, MN-WI | 1.5% | 2.7% | 309,228 | 3.063 | 746 | 76 | 60% | 40% |
| 18 | Austin-Round Rock, TX | 1.4% | -7.4% | 376,391 | 3.088 | 748 | 72 | 62% | 38% |
| 19 | Baltimore-Columbia-Towson, MD | 1.3% | -0.9% | 338,774 | 3.080 | 735 | 78 | 57% | 43% |
| 20 | Portland-Vancouver-Hillsboro, OR-WA | 1.2% | -5.0% | 381,638 | 3.082 | 748 | 70 | 52% | 48% |





MAY 2021 MARKET RATE INDICES

Pulling data from Black Knight's Optimal Blue Mortgage Market Index (OBMMI), the chart below shows average 30-year rates across various loan products. Click on each chart to see its contents in high resolution.



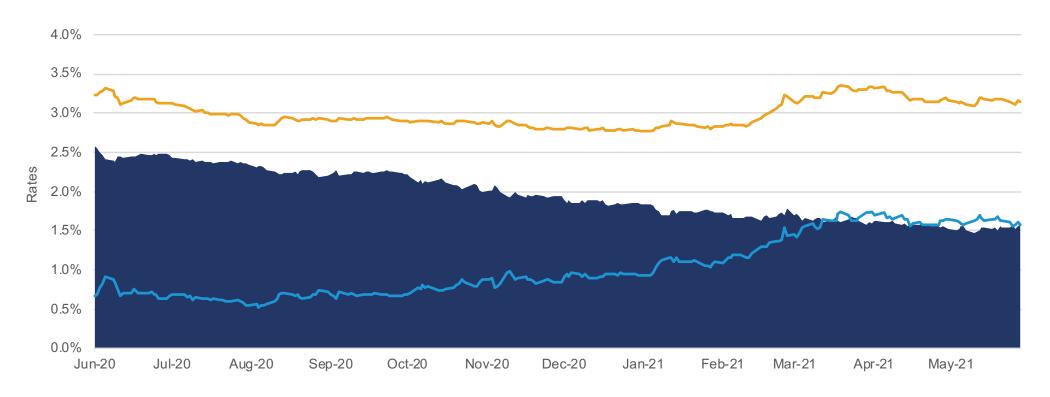
| Market Index | Current Rate | 1-Month Delta | 3-Month Delta | 12-Month Delta |
|--------------------|--------------|---------------|---------------|----------------|
| 30-Year Conforming | 3.15% | (2 BPS) | (7 BPS) | (8 BPS) |
| 30-Year Jumbo | 3.21% | BPS | 9 BPS | (27 BPS) |
| 30-Year FHA | 3.23% | 3 BPS | 1 BPS | (8 BPS) |
| 30-Year VA | 2.81% | 4 BPS | BPS | (12 BPS) |





MAY 2021 30-YEAR TO 10-YEAR TREASURY SPREAD

Mortgage rates are loosely tied to 10-year Treasury bond rates, but the spread between the two can vary. Below, we look at the current spread and trends over the past year. This information is pulled from Black Knight's secondary hedging analytics platform. Click on each chart to see its contents in high-resolution.



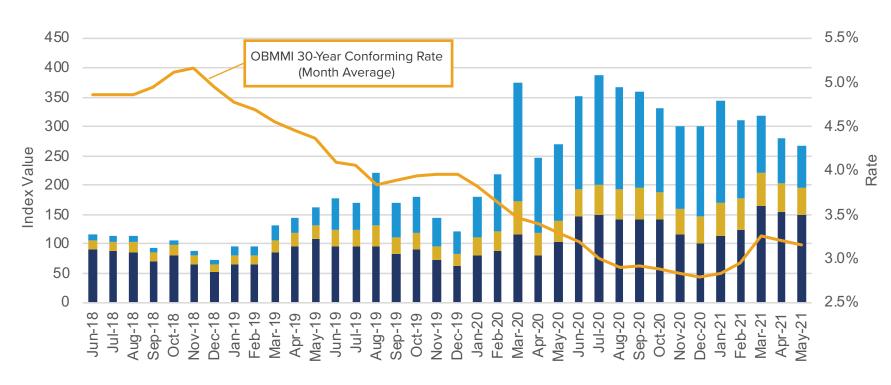
| Market Index | Current Value | 1-Month Delta | 3-Month Delta | 12-Month Delta |
|---------------------------|---------------|---------------|---------------|----------------|
| 10-Year Treasury | 1.58% | (7 BPS) | 14 BPS | 93 BPS |
| 30-Year Conforming | 3.15% | (2 BPS) | (7 BPS) | (8 BPS) |
| 10-Year to 30-Year Spread | 1.57% | 5 BPS | (21 BPS) | (101 BPS) |





MAY 2021 LOCK VOLUME BY LOAN PURPOSE

Here we break down May's rate lock volumes by loan purpose. This information is pulled from daily rate lock tracking data from Black Knight's Optimal Blue PPE. Click on each chart to see its contents in high resolution.



| Market Volume Index (Total Volume indexed to 100 in January 2018) | Current Value | 1-Month % Change | 3-Month % Change | 12-Month % Change |
|---|---------------|------------------|------------------|-------------------|
| Purchase | 150 | (3.4%) | 20.1% | 43.4% |
| Cash-Out Refinance | 46 | (3.4%) | (13.2%) | 32.2% |
| Rate-Term Refinance | 72 | (8.2%) | (46.1%) | (44.8%) |
| - Total | 267 | (4.8%) | (13.9%) | (0.7%) |
| Refinance Share* | 44% | (77 BPS) | (1588 BPS) | (1723 BPS) |

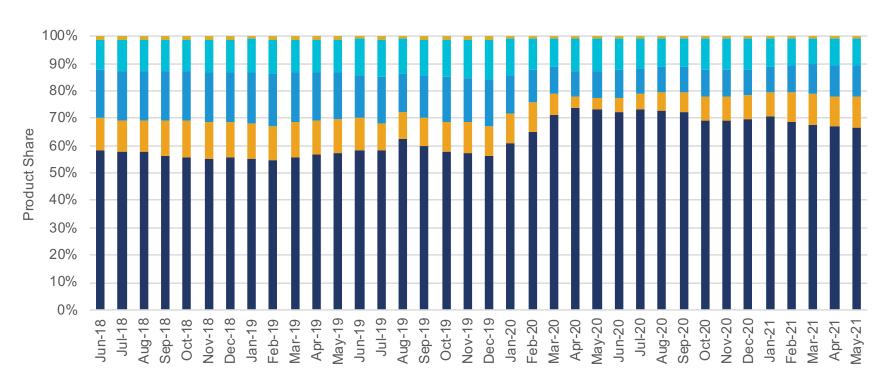
^{*}Refinance Share changes reflect inter-period delta





MAY 2021 MIX OF BUSINESS BY LOAN PRODUCT

Here we break down May's rate lock volumes by loan product. This information is pulled from daily rate lock tracking data from Black Knight's Optimal Blue PPE. Click on each chart to see its contents in high resolution.



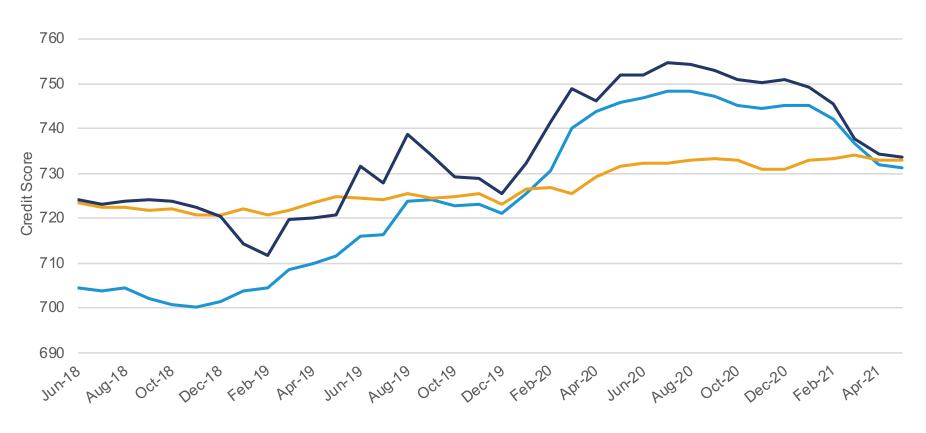
| Loan Product Mix | | Current Value | 1-Month Delta | 3-Month Delta | 12-Month Delta |
|------------------|---------------|---------------|---------------|---------------|----------------|
| Co | onforming | 67.1% | (66 BPS) | (348 BPS) | (695 BPS) |
| - No | on-Conforming | 10.6% | (58 BPS) | 147 BPS | 659 BPS |
| FH FH | IA | 11.7% | 78 BPS | 273 BPS | 248 BPS |
| - VA | 4 | 9.7% | 44 BPS | (87 BPS) | (217 BPS) |
| - US | SDA | 0.9% | 2 BPS | 14 BPS | 5 BPS |





MAY 2021 AVERAGE CREDIT SCORES

Here we look at average credit scores by loan purpose. This information is pulled from daily rate lock tracking data from Black Knight's Optimal Blue PPE. Click on each chart to see its contents in high resolution.



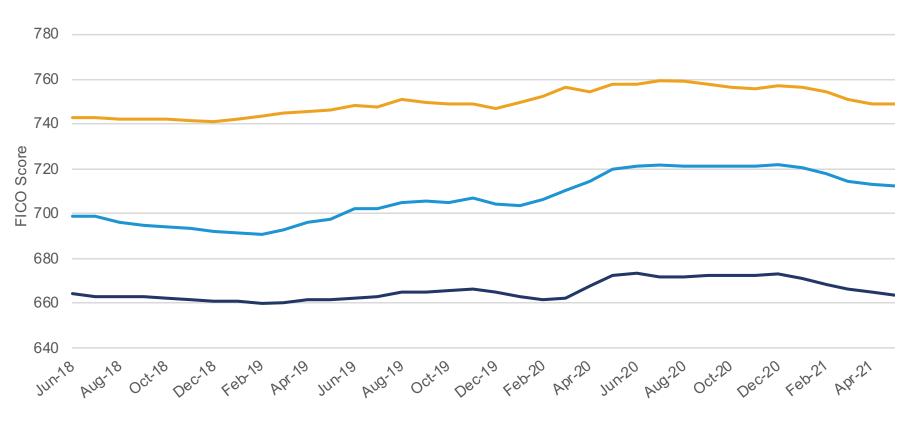
| Credit Score by Purpose | Current Score | 1-Month Delta | 3-Month Delta | 12-Month Delta |
|-------------------------|---------------|---------------|---------------|----------------|
| Cash Out Refi | 731 | -1 | -11 | -15 |
| Purchase | 733 | 0 | -1 | 1 |
| Rate/Term Refi | 734 | -1 | -12 | -18 |





MAY 2021 AVERAGE CREDIT SCORES

Here we look at average credit scores for conforming, FHA and VA loans. This information is pulled from daily rate lock tracking data from Black Knight's Optimal Blue PPE. Click on each chart to see its contents in high resolution.



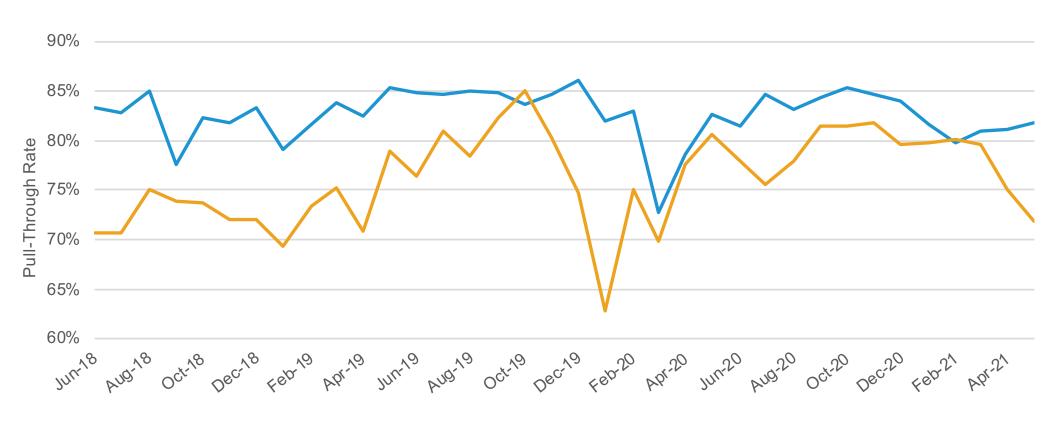
| Credit Score by Product | Current Score | 1-Month Delta | 3-Month Delta | 12-Month Delta |
|-------------------------|---------------|---------------|---------------|----------------|
| Conforming | 742 | 0 | -6 | -9 |
| FHA | 668 | -1 | -5 | -9 |
| VA | 700 | -1 | -5 | -8 |





MAY 2021 PURCHASE & REFI PULL-THROUGH

Below, we look at pull-through rates – the percentage of locks that become funded loans. This information is pulled from daily rate lock tracking data from Black Knight's Optimal Blue PPE. Click on each chart to see its contents in high resolution.



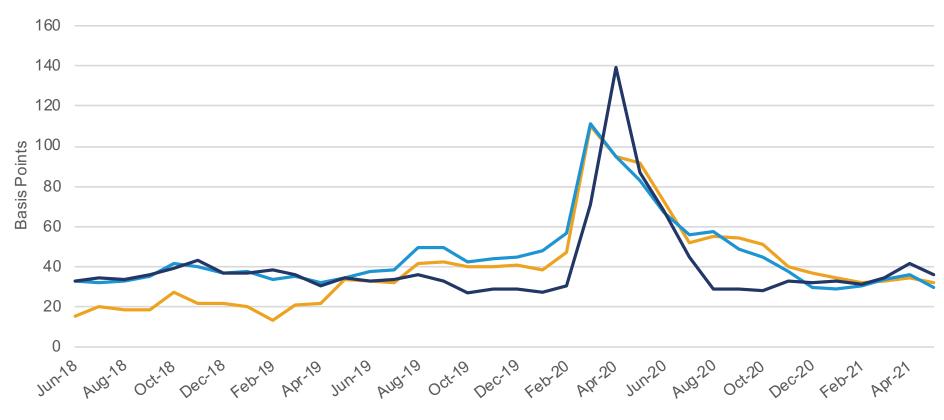
| Pull-Through Rate | Current Rate | 1-Month Delta | 3-Month Delta | 12-Month Delta |
|------------------------|--------------|---------------|---------------|----------------|
| Purchase Pull-Through | 81.8% | 58 BPS | 203 BPS | (86 BPS) |
| Refinance Pull-Through | 71.9% | (315 BPS) | (831 BPS) | (869 BPS) |





MAY 2021 BEST EFFORTS TO MANDATORY SPREAD

A lender will typically see greater yields by selling loans via mandatory delivery, while best efforts delivery carries less risk. Below, we look at the current margin spread between the two. This information has been pulled from Black Knight's secondary hedging analytics platform. Click on each chart to see its contents in high resolution.



| Best Efforts vs. Mandatory | Current Spread | 1-Month Delta | 3-Month Delta | 12-Month Delta |
|----------------------------|----------------|---------------|---------------|----------------|
| 30-Year Conforming | 29 BPS | (6 BPS) | (1 BPS) | (54 BPS) |
| 15-Year Conforming | 32 BPS | (3 BPS) | (BPS) | (60 BPS) |
| 30-Year Government | 36 BPS | (5 BPS) | 5 BPS | (50 BPS) |

