

Baltimore Metro Area Economy and Multifamily Market

Baltimore Sees Strong Metrics in Second Quarter

The Baltimore metro area's multifamily metrics remained strong in the second quarter as COVID-19 restrictions lifted and vaccines were rapidly deployed. The region absorbed 1,717 multifamily units, up from 1,403 during the second quarter of 2020. Absorption was likely buoyed by the region's expanding logistics and healthcare industries, which have thrived during the pandemic and will continue to thrive after. The metro area's occupancy rate registered 96.3%, up 130 basis points from one year ago. At the end of the second quarter, 3,742 units were under construction and 414 units delivered in the region during the second quarter. Approximately 571 units are planned and likely to deliver within the next three years, bringing the region's development pipeline to 4,313 units. Of those planned units, 86.7% are in Baltimore City.

Economic and Multifamily Market Outlook

The Baltimore metro area's economic recovery continued into the second quarter of 2021. The region's unemployment rate stands at 5.5%, which compares favorably to the national rate of 5.8%. Baltimore added back 79,700 jobs in the 12 months ending in June 2021. Baltimore can rely on its core job sectors such as logistics and healthcare to bolster apartment demand in the future. Consistent demand in the e-commerce industry is likely to continue after the pandemic, as the convenience of online shopping will remain a fixture of consumer behavior. The vaccine rollout advanced rapidly during the second quarter with Maryland having over 70% of its residents 18+ fully vaccinated. This high vaccination rate will likely keep COVID-19 variants at bay and allow the return to normal.

| Multifamily Market Summary | | | | | | | |
|-----------------------------------|--------------------|--------------------|----------------------|--|--|--|--|
| | Current Quarter | Year Ago Period | 36-Month Forecast | | | | |
| Total Inventory (Units) | 233,418 | 230,606 | 1 | | | | |
| Occupancy Rate | 96.3% | 95.0% | 1 | | | | |
| Quarterly Net Absorption (Units) | 1,717 | 1,403 | Ţ | | | | |
| 12-Month Effective Rent Change | 6.7% | 0.1% | t | | | | |
| Quarterly Deliveries (Units) | 1,109 | 1,046 | V | | | | |

Economy

Payroll Employment: 1,369,900 at June 2021.

Historical Job Change: 79,700 jobs added in the 12 months ending June 2021.

Projected Job Change: Newmark forecasts an average increase of 27,098 jobs per annum from 2021-2024.

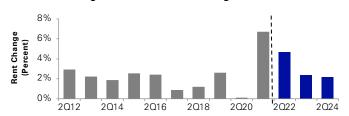
Unemployment Rate: 5.5% in May 2021, down 370 basis points from May 2021.

Average Household Income: \$111,847 in 2020.

Source: Moody's, U.S. Bureau of Labor Statistics, Esri, Newmark Research; July 2021

Market Analysis

Annual Average Effective Rent Change

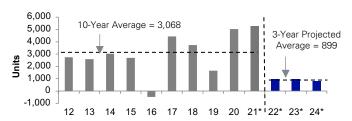


Source: RealPage, Newmark Research; July 2021

Note: Effective rent change is calculated using same-store method for the trailing 12 months

Market Outlook

Multifamily Absorption Projection



*12 months ending in second quarter Source: RealPage, Newmark Research; July 2021

Multifamily Demand and Delivery Projections: 3Q21-2Q24



Source: RealPage, Newmark Research; July 2021

Economic and Multifamily Market Outlook (Continued)

Over the next 36 months, new supply is anticipated to outpace demand in Baltimore City, but demand is expected to outpace new supply in the Baltimore Suburbs. Overall, this will likely decrease the region's overall occupancy rate by 60 basis points to 95.7%. Rent growth is anticipated to slow, with 3.1% annual average effective rent growth over the next 36 months—higher than the 10-year average of 2.4% but lower than the robust 6.7% increase seen in the past 12 months. Demand is expected to moderate during the balance of 2021 notwithstanding the likely job growth ahead, as the market saw little attrition last year.

Sales Volume Skyrockets During Second Quarter

The Baltimore area's multifamily market registered \$2.6 billion in sales volume for the 12 months ending in the second quarter of 2021, measuring an increase of \$1.5 billion from the prior 12 months. The largest transaction of the quarter was the \$154.0 million sale of Nautilus Pointe, purchased by Bainbridge Companies and TPG Realty. During the 12 months ending in the second quarter of 2021, the Baltimore metro area recorded an average sale price of \$176,262 per unit—an increase of 2.5% from a year earlier. The average pro-forma cap rate measured 5.3% for the 12 months ending in second quarter of 2021, steady from the second quarter of 2020.

Multifamily Investment Sales Outlook

Sales volume in the Baltimore area on a trailing 12-month basis recovered nicely in the second quarter. The second quarter recorded the highest quarterly sales volume since the fourth quarter of 2015. Investment volume will likely remain elevated during the remainder of 2021 as the economy continues to recover and multifamily investment remains a safe bet. Cap rates remain low; they are down 90 basis points since the most recent peak in 2016. There was a flight to quality this quarter with the top five sales transacting for over \$100,000 more per unit than the average. Baltimore is continuing to recover jobs in the first half of 2021 and is still around 200 basis points away from pre-pandemic unemployment numbers. Job recovery is forecasted to be stout in the second half of 2021 and into 2022 due to the rapid roll out of vaccines in the area and the strength of Baltimore's large healthcare, logistics and cybersecurity sectors. These factors will bolster demand for multifamily units in the years ahead.

Metro Area Multifamily Investment Sales Market Summary

| | Metro Region |
|--|--------------|
| 12-Month Transaction Volume at 2Q 2021 | \$2.6 B |
| 12-Month Transaction Volume at 2Q 2020 | \$1.1 B |
| 2Q 2021 Average Price Per Unit | \$176,262 |
| 2Q 2021 Average Cap Rate | 5.3% |

Note: Values are trailing 12-month averages Source: Real Capital Analytics, Newmark Research

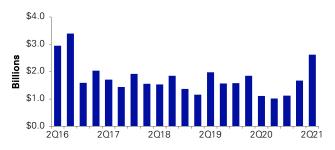
Market Analysis

Average Multifamily Cap Rate and Price Per Unit



Note: Values are trailing 12-month averages Source: Real Capital Analytics, Newmark Research

Trailing 12-Month Multifamily Transaction Volume



Source: Real Capital Analytics, Newmark Research

| Notable Recent Multifamily Sales Transactions | | | | | | | | | |
|---|--------------------------|------------|------------------------------------|----------------------------|-----------------------|--|--|--|--|
| Project | Sale Price (Millions) | Price/Unit | Buyer | Buyer Seller | | | | | |
| Nautilus Point | \$154.0 | \$253,289 | Bainbridge Companies/TPG Realty | Castle Lanterra Properties | Annapolis, MD | | | | |
| Avalon Arundel Crossing East | \$119.0 | \$309,896 | AvalonBay Communities | JLB Partners | Linthicum Heights, MD | | | | |
| Arrive Crofton | \$112.5 | \$277,094 | FPA Multifamily | Pantzer Properties | Crofton, MD | | | | |
| The Gramercy at Town Center | \$67.0 | \$319,048 | Stonebridge Group | PGIM/Bozzuto | Columbia, MD | | | | |

| Market Statistics—Occupancy and Absorption | | | | | | | | | | |
|--|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------------------------|-----------------------------------|--|--|--|
| | Total Inventory (Units) | Overall Occupancy Rate | 2018 Absorption (Units) | 2019 Absorption (Units) | 2020 Absorption (Units) | 2Q 2021 Absorption (Units) | YTD 2021 Absorption (Units) | | | |
| Baltimore Metro Area | 233,418 | 96.3% | 3,732 | 1,642 | 5,042 | 1,717 | 2,247 | | | |
| Baltimore City | 72,215 | 94.7% | 1,817 | 623 | 1,144 | 741 | 755 | | | |
| Baltimore Suburbs | 161,203 | 97.0% | 1,915 | 1,019 | 3,898 | 976 | 1,492 | | | |

| Market Statistics: Effective Rent and Deliveries | | | | | | | | | | | |
|--|-------------------------------|---------------------------------|----------------------------|------------------------------------|--|-------------------------------|-----------------------------------|----------------------------------|----------------------|--|--|
| | Total Inventory (Units) | Effective Rent (Per Unit) | Effective Rent (Per SF) | 1-Year Effective Rent Change | 5-Year Average Effective Rent Change | 2020 Deliveries (Units) | YTD 2021 Deliveries (Units) | Under Construction (Units) | Pipeline* (Units) | | |
| Baltimore Metro Area | 233,418 | \$1,452 | \$1.63 | 6.7% | 2.3% | 3,710 | 1,109 | 3,742 | 4,313 | | |
| Baltimore City | 72,215 | \$1,327 | \$1.67 | 2.8% | 0.9% | 1,148 | 296 | 2,419 | 2,914 | | |
| Baltimore Suburbs | 161,203 | \$1,508 | \$1.61 | 8.4% | 2.9% | 2,562 | 813 | 1,323 | 1,400 | | |

| | Total Inventory (Units) | Overall Occupancy Rate | Effective Rent (Per Unit) | Effective Rent (Per SF) | 1-Year Effective Rent Change | 5-Year Average Effective Rent Change | YTD 2021 Deliveries (Units) | Under Construction (Units) | Pipeline* (Units) |
|--|-------------------------------|------------------------------|---------------------------------|-------------------------------|------------------------------------|--|-----------------------------------|----------------------------------|----------------------|
| Baltimore City | 72,215 | 94.7% | \$1,327 | \$1.67 | 2.8% | 0.9% | 296 | 2,419 | 2,914 |
| Baltimore City East | 17,635 | 95.9% | \$1,498 | \$1.92 | 0.5% | 0.1% | 33 | 1,546 | 1,754 |
| Baltimore City North | 18,341 | 93.4% | \$1,153 | \$1.38 | 5.4% | 2.3% | 0 | 0 | 0 |
| Baltimore City West | 18,026 | 95.6% | \$1,053 | \$1.40 | 6.4% | 2.4% | 0 | 0 | 287 |
| Downtown Baltimore | 18,213 | 94.2% | \$1,607 | \$1.96 | -1.0% | -1.3% | 263 | 873 | 873 |
| Baltimore Suburbs | 161,203 | 97.0% | \$1,508 | \$1.61 | 8.4% | 2.9% | 813 | 1,323 | 1,400 |
| Annapolis | 9,911 | 97.1% | \$1,880 | \$2.13 | 6.7% | 2.6% | 0 | 0 | 0 |
| Columbia/North Laurel | 16,743 | 97.0% | \$1,737 | \$1.80 | 5.8% | 2.1% | 0 | 472 | 549 |
| Ellicott City/Elkridge | 9,307 | 95.9% | \$1,759 | \$1.83 | 8.0% | 2.3% | 80 | 0 | 0 |
| Far North Baltimore Suburbs | 13,752 | 97.9% | \$1,414 | \$1.48 | 9.7% | 2.8% | 0 | 184 | 184 |
| Northeast Anne Arundel County | 12,598 | 96.7% | \$1,453 | \$1.66 | 6.1% | 2.9% | 236 | 0 | 0 |
| Northwest Anne Arundel County | 13,929 | 96.9% | \$1,837 | \$1.82 | 6.9% | 2.0% | 334 | 0 | 0 |
| Owings Mills/ Pikesville/Randallstown | 19,286 | 97.4% | \$1,484 | \$1.43 | 8.8% | 3.2% | 163 | 667 | 667 |
| Parkville/Carney/Perry Hall | 12,470 | 97.7% | \$1,302 | \$1.50 | 12.1% | 4.5% | 0 | 0 | 0 |
| Southeast Baltimore County | 18,719 | 96.9% | \$1,240 | \$1.48 | 10.8% | 3.7% | 0 | 0 | 0 |
| Southwest Baltimore County | 18,535 | 97.1% | \$1,296 | \$1.45 | 10.1% | 3.3% | 0 | 0 | 0 |
| Towson/Hunt Valley | 15,953 | 96.0% | \$1,482 | \$1.46 | 6.4% | 2.2% | 0 | 0 | 0 |

For more information:

Washington, DC

1899 Pennsylvania Avenue, NW Suite 300 Washington, DC 20006 t 202-331-7000

Tvsons

1420 Spring Hill Road Suite 600 McLean, VA 22102 t 703-448-2000

Baltimore

One East Pratt Street Suite 805 Baltimore, MD 21202 t 410-625-4200

nmrk.com

RESEARCH

Matt Kruczlnicki

Associate Director, Research 202-312-5757 matthew.kruczlnici@nmrk.com

Jordan Schott

Research Manager 202-664-5902 jordan.schott@nmrk.com

Adam Reiskin

Research Analyst 202-312-5763 adam.reiskin@nmrk.com

MULTIFAMILY SALES TEAM

Christine Espenshade

Vice Chairman 202-312-5741 christine.espenshade@nmrk.com

Robert Garrish

Vice Chairman 202-312-5479 robert.garrish@nmrk.com

Greg Bury

Vice President 202-312-5765 gregory.bury@nmrk.com

Catherine Cheng

Vice President 202-312-5764 catherine.cheng@nmrk.com

FINANCE

Shawn McDonald

Vice Chairman 703-918-0229 shawn.mcdonald@nmrk.com

Anthony Hebenstreit

Director 703-918-4673 anthony.hebenstreit@nmrk.com

LAND SALES

Mark Anstine

Executive Managing Director 703-575-2101 mark.anstine@nmrk.com

Dan Lockard

Senior Managing Director 703-575-2103 dan.lockard@nmrk.com

Eugene Howard

Director 703-575-2108 eugene.howard@nmrk.com

GLOSSARY

Absorption: Net change in occupied units over a specific period.

Effective Rent: The price at which a unit leases after factoring in all concessions and discounts, calculated over the lease period.

Inventory: Professionally managed, investment-grade apartment buildings with 40 or more units.

Occupancy Rate: The number of physically occupied units, expressed as a percentage of total inventory.

Pipeline: Units under construction, plus those planned and likely to deliver within the next 36 months.

Note: Submarkets were redistricted as of third quarter 2018. As a result, comparison to historical versions of this report is not advised. Please see the research contact information above should you need historical data.

Newmark has implemented a proprietary database and our tracking methodology has been revised. With this expansion and refinement in our data, there may be adjustments in historical statistics including availability, asking rents, absorption and effective rents. Newmark Research Reports are available at nmrk.com/insights.

All information contained in this publication is derived from sources that are deemed to be reliable. However, Newmark has not verified any such information, and the same constitutes the statements and representations only of the source thereof not of Newmark. Any recipient of this publication should independently verify such information and all other information and should consult with professionals of the recipient response to this publication and should consult with professionals of the recipient of this publication, including its legal, financial and tax aspects and implications. Any recipient of this publication may not, without the prior written approval of Newmark, distribute, disseminate, publish, transmit, copy, broadcast, upload, download or in any other way reproduce this publication or any of the information it contains. This document is intended for informational purposes only, and none of the content is intended to advise or otherwise recommend a specific strategy. It is not to be relied upon in any way to predict market movement, investment in securities, transactions, investment strategies or any other matter.

