

December 17, 2019



Marketing Material

The modern apartment renter

Understanding and appealing to the modern apartment renter in the U.S.

 Demand for apartments has been robust following the bursting of the housing bubble a decade ago.
Apartment investors devote a significant amount of time and resources to determine what unit features and community amenities are most desirable to current and prospective tenants.

_ These factors can help us forecast the long-term performance of an apartment property.



Mark G. Roberts Head of Alternatives Real Estate

he U.S. apartment sector has long been a favored asset class among institutional investors, buoyed by strong household formation, strained affordability for home buying and structural changes including the capping of federal housing-tax benefits. We are constructive on the U.S. apartment sector and favor markets with strong population growth such as Phoenix and Austin.

Apartment investors devote a significant amount of time and resources to help determine what unit features and community amenities are most desirable to current and prospective tenants, how renters are finding their apartments and their top considerations for moving into those apartments. This information is vital to the long-term performance of an apartment property, helping to forecast the sustainability of rental demand and thus cash flow, over the investment time horizon.

During the current real-estate cycle, the industry has seen a substantial amount of new supply delivered by apartment developers, with even more units either currently under construction or in the planning stages. These developers have been responding to the robust demand for renting apartments that followed the bursting of the housing bubble a decade ago. While strong renter demand has driven solid apartment performance, communities that are built with the needs and wants of modern apartment renters in mind tend to experience more stable cash flow and occupancy, buoyed by higher levels of leasing activity and better retention ratios. This knowledge that is driving performance ranges from basic apartment and community features like flooring, countertops, appliances, pet areas and building design to premium amenities such as rooftop pools, smart thermostats, sound-proof walls, and walk-in closets; furthermore it is important to understand desired neighborhood amenities (i.e. retail, restaurants, etc.) and overall location (i.e. proximity to high-ly-rated schools, employment centers, public transit, etc.).

It is also essential for investors to understand how demographic trends and technological advances are affecting apartment demand. The modern renter spans multiple generations, so the features and amenities in an apartment community should cater to those generations that will be primarily driving demand; understanding the target renter profile for a given area should make a property more resilient over time.

Alternative investments may be speculative and involve significant risks including illiquidity, heightened potential for loss and lack of transparency. Alternatives are not suitable for all clients. All opinions and claims are based upon data on 12/10/19 and may not come to pass. This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are based on assumptions, estimates, opinions and hypothetical models that may prove to be incorrect. DWS Investment GmbH

The three main age cohorts, as defined by the Pew Research Center, which make up the current renter population in the United States include: Baby Boomers (born 1946-1964), Millennials (born 1981-1997) and Generation Z (born after 1998)¹. Generation X (born 1965-1980) is primarily considered a homeowner cohort and therefore not considered in scope for this analysis.

Apartment properties should therefore provide spaces that cater to the target generations, with interior finishes/features that appeal to those age cohorts. Not only is the Baby-Boomer generation large in and of itself, but the American population is aging as whole. According to U.S. Census data, the 65-andolder set is set to expand faster than any other age cohort between 2010 and 2050, almost doubling in size compared to 32.2% growth for those 18 to 44 and 35.1% growth for those under 18.² Baby Boomers are not like their parents who, as they advanced in age, primarily lived in senior-living facilities. Nearly one-third of all urban rental applications are submitted by people over age 60³, with Freddie Mac projecting that over five million Baby Boomers expect to rent their next home.⁴ Those who choose to downsize from their homes and rent apartments want to interact in a multigenerational setting with people of all ages.

Given the age differential, the preferences of Baby-Boomer and Millennial renters are surprisingly very similar. Both renter cohorts are drawn to high-quality finishes, large spaces, bestin-class amenities, and walkability of the surrounding area. More space means that family and friends can visit, greater walkability means faster access to high-end retail and restaurants, and larger kitchens mean opportunities for at-home entertaining. Additionally, both groups desire an abundance of shared social spaces at a property. These shared spaces help foster a strong sense of community and belonging, thereby creating the desired extension of their apartment homes. Baby-Boomer renters in particular expect much more in the way of planned social activities. With many of them retired or working part-time, they are looking for structure during day-to-day life, so property managers need to consider movie nights, cooking classes and bocce leagues.

By understanding target-renter preferences in a given market and designing/renovating a property to incorporate that intelligence, apartment investors are expecting to generate rent premiums relative to that asset's competitive set. Higher rents will drive net operating income higher, helping to deliver more stable income returns for investors and create long-term upside potential for property values. Exhibit 1 shows the average monthly rent premium that both renter cohorts are willing to pay, according to Greystar's proprietary database, for their top unit amenity choices. Exhibit 2 then shows the average monthly rent premium associated with their top community amenity choices. Some examples of unit amenities that create value for both renters and landlords include floor-to-ceiling windows, hardwood-like floors and bedroom balconies; for community amenities, that list includes secured community access, rooftop amenity space and a pool. It is important to note that these monthly rent premiums are averages across the nation. These premiums could vary depending on geographic location and product type.

Apartment investors that take an innovative and proactive approach to meeting this challenge will see that effort translate into a true competitive advantage, one that could potentially lead to outperformance of their assets through higher rents and more stable occupancy.

We have published a more detailed paper on this topic, Understanding and Appealing to the Modern Renter (link: https://image.insights.dws.com/lib/fe8b1372756d037477/ m/8/50751c90-626c-46ac-98db-fda31609b510.pdf), October 2019.

Alternative investments may be speculative and involve significant risks including illiquidity, heightened potential for loss and lack of transparency. Alternatives are not suitable for all clients. All opinions and claims are based upon data on 12/10/19 and may not come to pass. This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are based on assumptions, estimates, opinions and hypothetical models that may prove to be incorrect. DWS Investment GmbH

¹ Pew Research Center. Data as of December 2018.

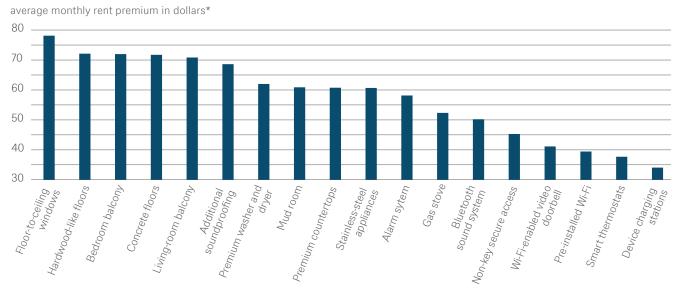
² US Census Bureau. Data as of 2018.

³ TenantCloud. Data as of January 2018.

⁴ Freddie Mac; GfK Public Affairs and Corporate Communications. Data as of 2016.

RENT PREMIUM FOR TOP UNIT AMENITIES

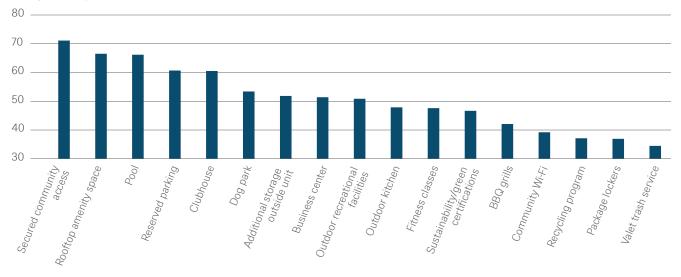
Floor-to-ceiling windows and hardwood-like floors command the most rent premium, whereas smart thermostats and device charging stations generate the least rent premium.



* Average monthly rent premium for top unit amenities of baby boomers and millennials (in U.S. dollar) Sources: Greystar, RREEF Management L.L.C. as of 03/2019

RENT PREMIUM FOR TOP COMMUNITY AMENTIES

Secured access, rooftop space and pool are the amenities that command the highest rent premiums average monthly rent premium in dollars*



* Average monthly rent premium Baby Boomers and Millennials are willing to pay for top community amenities (in U.S. dollars) Sources: Greystar, RREEF Management L.L.C. as of 03/2019

Alternative investments may be speculative and involve significant risks including illiquidity, heightened potential for loss and lack of transparency. Alternatives are not suitable for all clients. All opinions and claims are based upon data on 12/10/19 and may not come to pass. This information is subject to change at any time, based upon economic, market and other considerations and should not be construed as a recommendation. Past performance is not indicative of future returns. Forecasts are based on assumptions, estimates, opinions and hypothetical models that may prove to be incorrect. DWS Investment GmbH



Important Information – EMEA

The following document is intended as marketing communication.

DWS is the brand name under which DWS Group GmbH & Co. KGaA and its subsidiaries operate their business activities. Clients will be provided DWS products or services by one or more legal entities that will be identified to clients pursuant to the contracts, agreements, offering materials or other documentation relevant to such products or services.

The information contained in this document does not constitute investment advice.

All statements of opinion reflect the current assessment of DWS Investment GmbH and are subject to change without notice.

Forecasts are not a reliable indicator of future performance. Forecasts are based on assumptions, estimates, opinions and hypothetical performance analysis, therefore actual results may vary, perhaps materially, from the results contained here.

Past performance, [actual or simulated], is not a reliable indication of future performance.

The information contained in this document does not constitute a financial analysis but qualifies as marketing communication. This marketing communication is neither subject to all legal provisions ensuring the impartiality of financial analysis nor to any prohibition on trading prior to the publication of financial analyses.

This document and the information contained herein may only be distributed and published in jurisdictions in which such distribution and publication is permissible in accordance with applicable law in those jurisdictions. Direct or indirect distribution of this document is prohibited in the USA as well as to or for the account of US persons and persons residing in the USA.

DWS Investment GmbH 2019

Important Information – UK

Issued in the UK by DWS Investments UK Limited. DWS Investments UK Limited is authorised and regulated by the Financial Conduct Authority (Registration number 429806).

DWS is the brand name of DWS Group GmbH & Co. KGaA. The respective legal entities offering products or services under the DWS brand are specified in the respective contracts, sales materials and other product information documents. DWS, through DWS Group GmbH & Co. KGaA, its affiliated companies and its officers and employees (collectively "DWS") are communicating this document in good faith and on the following basis.

This document is a financial promotion and is for general information purposes only and consequently may not be complete or accurate for your specific purposes. It is not intended to be an offer or solicitation, advice or recommendation, or the basis for any contract to purchase or sell any security, or other instrument, or for DWS to enter into or arrange any type of transaction as a consequence of any information contained herein. It has been prepared without consideration of the investment needs, objectives or financial circumstances of any investor.

This document does not identify all the risks (direct and indirect) or other considerations which might be material to you when entering into a transaction. Before making an investment decision, investors need to consider, with or without the assistance of an investment adviser, whether the investments and strategies described or provided by DWS, are suitability and appropriate, in light of their particular investment needs, objectives and financial circumstances. We assume no responsibility to advise the recipients of this document with regard to changes in our views.

We have gathered the information contained in this document from sources we believe to be reliable; but we do not guarantee the accuracy, completeness or fairness of such information and it should not be relied on as such. DWS has no obligation to update, modify or amend this document or to otherwise notify the recipient in the event that any matter stated herein, or any opinion, projection, forecast or estimate set forth herein, changes or subsequently becomes inaccurate.

DWS does not give taxation or legal advice. Prospective investors should seek advice from their own taxation agents and lawyers regarding the tax consequences on the purchase, ownership, disposal, redemption or transfer of the investments and strategies suggested by DWS. The relevant tax laws or regulations of the tax authorities may change at any time. DWS is not responsible for and has no obligation with respect to any tax implications on the investment suggested.

This document contains forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models and hypothetical performance analysis. The forward looking statements expressed constitute the author's judgment as of the date of this document. Forward looking statements involve significant elements of subjective judgments and analyses and changes thereto and/ or consideration of different or additional factors could have a material impact on the results indicated. Therefore, actual results may vary, perhaps materially, from the results contained herein. No representation or warranty is made by DWS as to the reasonableness or completeness of such forward looking statements or to any other financial information contained in this document.

PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.

@DWS 2019

Publisher: DWS Investment GmbH, Mainzer Landstraße 11-17, 60329 Frankfurt am Main, Germany

Important Information – APAC

DWS is the brand name of DWS Group GmbH & Co. KGaA. The respective legal entities offering products or services under the DWS brand are specified in the respective contracts, sales materials and other product information documents. DWS Group GmbH & Co. KGaA, its affiliated companies and its officers and employees (collectively "DWS Group") are communicating this document in good faith and on the following basis.

This document has been prepared without consideration of the investment needs, objectives or financial circumstances of any investor. Before making an investment decision, investors need to consider, with or without the assistance of an investment adviser, whether the investments and strategies described or provided by DWS Group, are appropriate, in light of their particular investment needs, objectives and financial circumstances. Furthermore, this document is for information/discussion purposes only and does not constitute an offer, recommendation or



solicitation to conclude a transaction and should not be treated as giving investment advice.

DWS Group does not give tax or legal advice. Investors should seek advice from their own tax experts and lawyers, in considering investments and strategies suggested by DWS Group. Investments with DWS Group are not guaranteed, unless specified.

Investments are subject to various risks, including market fluctuations, regulatory change, possible delays in repayment and loss of income and principal invested. The value of investments can fall as well as rise and you might not get back the amount originally invested at any point in time. Furthermore, substantial fluctuations of the value of the investment are possible even over short periods of time. The terms of any investment will be exclusively subject to the detailed provisions, including risk considerations, contained in the offering documents. When making an investment decision, you should rely on the final documentation relating to the transaction and not the summary contained herein. Past performance is no guarantee of current or future performance. Nothing contained herein shall constitute any representation or warranty as to future performance.

Although the information herein has been obtained from sources believed to be reliable, DWS Group does not guarantee its accuracy, completeness or fairness. No liability for any error or omission is accepted by DWS Group. Opinions and estimates may be changed without notice and involve a number of assumptions which may not prove valid. All third party data (such as MSCI, S&P, Dow Jones, FTSE, Bank of America Merrill Lynch, Factset & Bloomberg) are copyrighted by and proprietary to the provider. DWS Group or persons associated with it may (i) maintain a long or short position in securities referred to herein, or in related futures or options, and (ii) purchase or sell, make a market in, or engage in any other transaction involving such securities, and earn brokerage or other compensation.

The document was not produced, reviewed or edited by any research department within DWS Group and is not investment research. Therefore, laws and regulations relating to investment research do not apply to it. Any opinions expressed herein may differ from the opinions expressed by other DWS Group departments including research departments. This document may contain forward looking statements. Forward looking statements include, but are not limited to assumptions, estimates, projections, opinions, models and hypothetical performance analysis. The forward looking statements expressed constitute the author's judgment as of the date of this material. Forward looking statements involve significant elements of subjective judgments and analyses and changes thereto and/or consideration of different or additional factors could have a material impact on the results indicated. Therefore, actual results may vary, perhaps materially, from the results contained herein. No representation or warranty is made by DWS Group as to the reasonableness or completeness of such forward looking statements or to any other financial information contained herein.

This document may not be reproduced or circulated without DWS Group's written authority. The manner of circulation and distribution of this document may be restricted by law or regulation in certain countries, including the United States.

This document is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, including the United States, where such distribution, publication, availability or use would be contrary to law or regulation or which would subject DWS Group to any registration or licensing requirement within such jurisdiction not currently met within such jurisdiction. Persons into whose possession this document may come are required to inform themselves of, and to observe, such restrictions.

Unless notified to the contrary in a particular case, investment instruments are not insured by the Federal Deposit Insurance Corporation ("FDIC") or any other governmental entity, and are not guaranteed by or obligations of DWS Group.

In Hong Kong, this document is issued by DWS Investments Hong Kong Limited and the content of this document has not been reviewed by the Securities and Futures Commission.

© 2019 DWS Investments Hong Kong Limited

In Singapore, this document is issued by DWS Investments Singapore Limited and the content of this document has not been reviewed by the Monetary Authority of Singapore.

© 2019 DWS Investments Singapore Limited

In Australia, this document is issued by DWS Investments Australia Limited (ABN: 52 074 599 401) (AFSL 499640) and the content of this document has not been reviewed by the Australian Securities Investment Commission.

© 2019 DWS Investments Australia Limited

Publisher: DWS Investment GmbH, Mainzer Landstraße 11-17, 60329 Frankfurt am Main, Germany

CRC 072551 (19/2019)