

PHOENIX MSA | MULTIFAMILY | Q3 2021 REPORT

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10+ UNIT PROPERTIES	Q3 2021	INCREASE/DECREASE	Q3 2020
Total Sales Volume	\$4.6B	+245.9%	\$1.33B
□ Price/Unit	\$277,850	+69.5%	\$163,936
✓✓Price/SF	\$327.40	+67.1%	\$195.91
> < Year Built	1983	+3 Yrs	1980
Average Rent	\$1,536	+22.8%	\$1,251
Occupancy Rate	96.5%	+1.1%	95.4%
Units Delivered	3,165	-14.2%	3,688

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Phoenix No. 1 for metro-to-metro population growth



Despite increasing costs, Phoenix continues to see 'explosive' construction growth



Phoenix No. 1 in rent growth, No. 2 in home value increase

4,948,203 ††††††



Q-O-Q AS OF SEPT 2021 - BLS

6.0%

EMPLOYMENT GROWTH Y-O-Y AS OF SEPT 2021 - BLS

\$63,883

\$32,522



MEDIAN HH INCOME 2019 ACS 5-YEAR ESTIMATE PER CAPITA INCOME 2019 ACS 5-YEAR ESTIMATE

34,059



357,355



UNDER CONSTRUCTION

TOTAL INVENTORY AS OF OCT 2021 - YARDI

PHOENIX MSA - PER CITY ANALYSIS

PHO	DENIX MSA	QUICK STATS	UNEMPLOYMEN	T RATE MEDIAN HH	INCOME PER CAI	PITA INCOME	50 TOTAL INVENTORY	+ UNDER CONSTRUCTION
e la l	MOL	Phoenix MS	SA 3.8%	\$63,8	383 \$3	2,522	327,805	34,059
		Phoenix	4.2%	\$57,4	159 \$2	9,343	145,456	11,823
		Mesa	3.7%	\$58,1	81 \$2	9,500	40,312	3,081
		Scottsdale	2.9%	\$88,2	213 \$6	2,682	29,443	4,083
		Tempe	3.4%	\$57,9	94 \$3	1,753	38,044	2,434
		Glendale	4.1%	\$55,0)20 \$2	5,561	24,894	2,349
	PHOENIX	MSA - PER CITY	' ANALYSIS	Phoenix	Mesa	Scottsdale	Tempe	Glendale
ATS		Average Re	nt (Q3 2021)	\$1,407	\$1,396	\$1,946	\$1,736	\$1,335
RENT & OCCUPANCY STATS		% Ch	nange (y-o-y)	+21.9%	+22.6%	+24.7%	+20.1%	+24.3%
CUPAI		Occupancy Ra	te (Q3 2021)	96.2%	97.1%	96.1%	96.5%	96.2%
% 0C		% C h	nange (y-o-y)	+1.0%	+0.9%	+1.6%	+1.5%	+0.7%
RENT	Ur	nits Delivered (Q	3 2021, 50+)	587	275	285	686	72
	Total S	ales Volume (Q3	2021, 100+)	\$1,082,664,000	\$293,425,000	\$817,100,000	\$702,700,000	\$324,975,000
(+(Total S	ales Volume (Q3	2020, 100+)	\$516,100,000	\$95,000,000		\$210,500,000	\$111,975,000
A (100+)		% C h	nange (y-o-y)	+109.8%	+208.9%		+233.8%	+190.2%
SALES DATA		Avg P/U (Q3	2021, 100+)	\$248,488	\$218,648	\$411,016	\$335,258	\$208,317
SALE		Avg P/U (Q3	2020, 100+)	\$152,018	\$174,632		\$204,767	\$133,941
	_	% C h	ange (y-o-y)	+63.5%	+25.2%		+63.7%	+55.5%
	Total Sa	les Volume (Q3 :	2021, 10-99)	\$312,930,452	\$88,147,500	\$40,050,000	\$19,200,000	\$35,285,000
(66	Total Sa	les Volume (Q3 :	2020, 10-99)	\$140,695,380	\$25,120,000		\$15,433,500	\$8,300,000
(10-9		% C h	ange (y-o-y)	+122.4%	+250.9%		+24.4%	+325.1%
SALES DATA (10-99)		Avg P/U (Q3	2021, 10-99)	\$211,297	\$223,158	\$374,299	\$202,105	\$145,206
SALES		Avg P/U (Q3	2020, 10-99)	\$149,835	\$124,975		\$142,903	\$118,571
	_	% C h	ange (y-o-y)	+41.0%	+78.6%		+41.4%	+22.5%

100+ UNIT MULTIFAMILY PROPERTY ANALYSIS

Q3 2021	INCREASE/DECREASE	Q3 2020
ne \$4.09B	+263.0%	\$1.13B
it \$289,056	+71.6%	\$168,440
SF \$339.30	+67.8%	\$202.21
ilt 1994	+7 Yrs	1987
	se \$4.09B it \$289,056 F \$339.30	ne \$4.09B +263.0% it \$289,056 +71.6% SF \$339.30 +67.8%

TOP 3 TRANSACTIONS BY PRICE/UNIT (100+)



Apollo Tempe

Tempe, 391 Units | \$202,000,000 \$516,624/Unit | \$498.99/SF | Built 2020

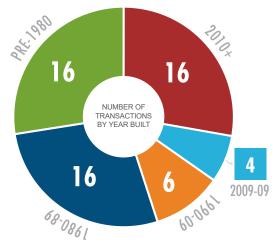


The District at Scottsdale

Scottsdale, 332 Units | \$150,500,000 \$453,313/Unit | \$490.25/SF | Built 2019

The Scottsdale Grand

Scottsdale, 290 Units | \$130,000,000 \$448,276/Unit | \$544/SF | Built 2021



Q3 2021 Transactions by Year Built

	# of Transactions	Avg Price/Unit	Avg Price/SF
2010+	16	\$375K	\$396
2000-09	⁸⁰ 4	\$288K	\$248
1990-99	6	\$369K	\$376
1980-89	16	\$247K	\$322
Pre-1980	16	\$183K	\$268

10 - 99 UNIT MULTIFAMILY PROPERTY ANALYSIS

		Q3 2021	INCREASE/DECREASE	Q3 2020
Total Sales	Volume	\$517M	+152.4%	\$205M
៉ូ Pri	ce/Unit	\$212,710	+48.8%	\$142,942
ĕ ≅ P	rice/SF	\$256.39	+53.3%	\$167.28
	ar Built	1975	No Change	1975
				1

TOP 3 TRANSACTIONS BY PRICE/UNIT (10-99)



MZ Scottsdale

Scottsdale, 11 Units | \$9,200,000 \$836,364/Unit | \$532.72/SF | Built 2019

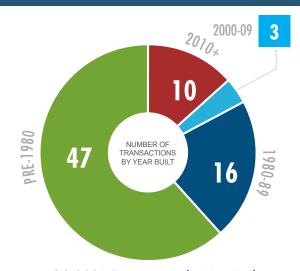


Novella at Biltmore

Phoenix, 51 Units | \$36,750,000 \$720,588/Unit | \$339.07/SF | Built 2021

Novella at Arcadia

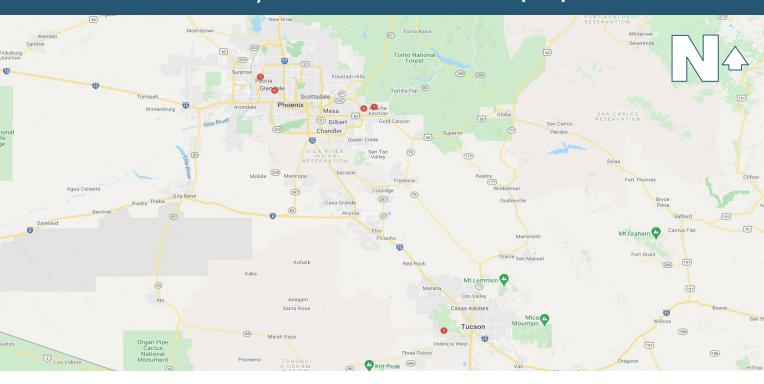
Phoenix, 36 Units | \$22,450,000 \$623,611/Unit | \$353.18/SF | Built 2017



Q3 2021 Transactions by Year Built

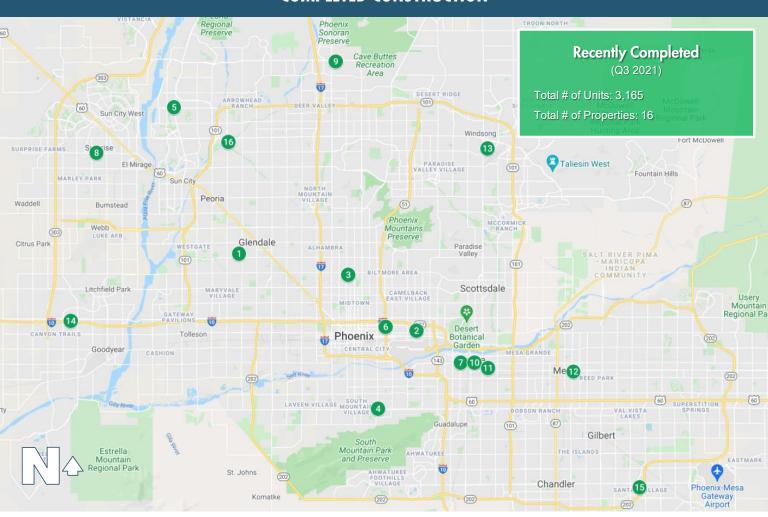
	# of Transactions	Avg Price/Unit	Avg Price/SF
2010+	10	\$473K	\$314
2000-09	3	\$231K	\$260
1990-99			
1980-89	16	\$164K	\$222
Pre-1980	47	\$171K	\$245

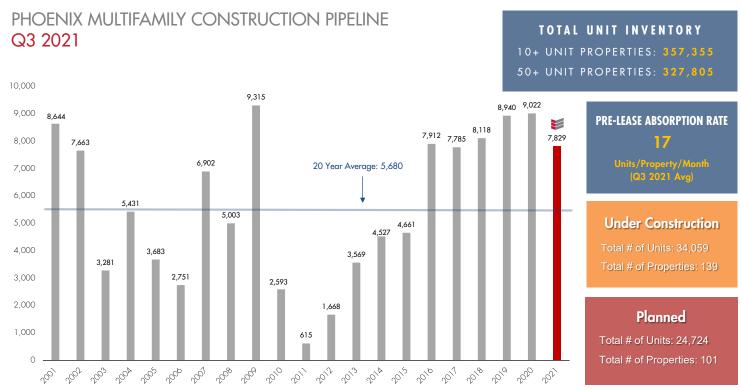
ARIZONA MOBILE / MANUFACTURED HOUSING PARK (MHP) ANALYSIS



National Monument Pisinemo TOHONO OCODHAM (15)	Three Points Witt Peak Wail	Dragoon (186)
MHP SALES VOLUME (50+)	PHOENIX MSA	TUCSON MSA
Transaction Volume (Q3 2021)	\$7,500,000	\$152,500,000
Transaction Volume (Q3 2020)	\$89,000,000	\$6,265,000
Avg Sales Price / Space (Q3 2021)	\$21,429	\$81,726
Avg Sales Price / Space (Q3 2020)	\$74,539	\$40,160
Transaction Values (00 0004)	* 000 040 004	64 000 000
iransaction volume (u3 2021)	\$80,213,394	\$1,800,000
Transaction Volume (Q3 2020)	\$8,200,000	
Avg Sales Price / Space (Q3 2021)	\$74,644	\$22,222
Avg Sales Price / Space (Q3 2020)	\$49,697	
Total Transaction Volume (2021 YTD. 50+)	\$93.713.394	\$154,300,000
Number of Transactions (2021 YTD, 50+)	9	6
MHP INVENTORY (50+)	PHOENIX MSA	TUCSON MSA
Total Spaces	88,754	22,448
Age Restricted/55+	62,655	12,233
Family	26,099	10,215
	MHP SALES VOLUME (50+) Transaction Volume (Q3 2021) Transaction Volume (Q3 2020) Avg Sales Price / Space (Q3 2021) Avg Sales Price / Space (Q3 2020) Transaction Volume (Q3 2021) Transaction Volume (Q3 2020) Avg Sales Price / Space (Q3 2020) Avg Sales Price / Space (Q3 2021) Avg Sales Price / Space (Q3 2020) Total Transaction Volume (2021 YTD, 50+) Number of Transactions (2021 YTD, 50+) MHP INVENTORY (50+) Total Spaces Age Restricted/55+	MHP SALES VOLUME (50+) Transaction Volume (03 2021) Transaction Volume (03 2020) Avg Sales Price / Space (03 2021) Avg Sales Price / Space (03 2020) Transaction Volume (03 2020) Transaction Volume (03 2021) Transaction Volume (03 2021) Avg Sales Price / Space (03 2020) Avg Sales Price / Space (03 2021) Avg Sales Price / Space (03 2021) Avg Sales Price / Space (03 2021) Total Transaction Volume (2021 YTD, 50+) Number of Transactions (2021 YTD, 50+) MHP INVENTORY (50+) PHOENIX MSA Total Spaces Age Restricted/55+ 62,655

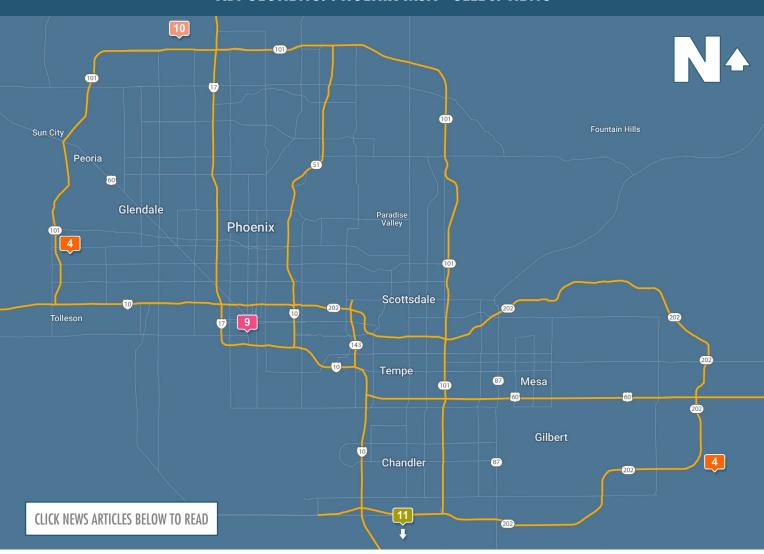
COMPLETED CONSTRUCTION





^{*} Project Units Delivered. Project units delivered is based on when the total project is completed, not as individual buildings/units are delivered

ABI GEONEWS: PHOENIX MSA - SELECT NEWS





City of Phoenix

GPEC: Valley could add 5,400 manufacturing jobs in next four years



Phoenix Council

Phoenix embarks on \$3B bioscience capital projects, creating 7,000 jobs



City of Phoenix

Valley's light rail getting another extension



City of Phoenix

Economists: Arizona to regain all jobs lost in the pandemic in 2021



Amazon

Amazon Plans to Open 11 New Fulfillment Centers Across Metro Phoenix by Years End



City of Phoenix

Here Are The Projects Driving The Boom In Downtown Phoenix Development



Legacy Cares, Inc. / Crystal Lagoons

Deals for 2 Game-Changing Projects Could Redefine Both Sides of Valley



Taiwan Semiconductor Manufacturing Co. Ltd.

How Taiwan Semiconductor's new factory will transform the city's north side



City of Phoenix

Phoenix No. 1 in rent growth, No. 2 in home value increase



Nacero Inc.

Nacero \$3B Casa Grande Plant Will Create 2,000 Construction Jobs



City of Phoenix

Phoenix No. 1 for metro-to-metro population growth



City of Phoenix

Despite increasing costs, Phoenix continues to see 'explosive' construction growth



Multifamily Thriving Despite Economic Constraints

he multifamily industry has pleasantly outperformed even the brightest projections to start the year. It was clear 2021 was slated to be a robust year barring any more shutdowns, but not to the magnitude witnessed year to date. Demand from renters, investors, and developers is catapulting to new heights as total sales volume, rent growth, and apartment construction reach record highs.

A few macro-economic issues have arisen from the pandemic, giving some pause initially, but proving to be minor speedbumps in the path of the semi-truck that is the multifamily industry.

THE EFFECTS OF INFLATION, SUPPLY CONSTRAINTS, AND THE LABOR SHORTAGE ON MULTIFAMILY

The effects of inflation on our everyday lives are becoming more prevalent than ever. Filling up a tank of gas or a trip to the grocery store may seem substantially more expensive than recent memory... because it is.

The U.S. inflation rate has reached its highest level in past

39 years. A significant result of overall demand outpacing supply created some lingering effects like bottlenecks at shipping ports, a labor shortage leading to a reduction in the number of truck drivers available to deliver goods, and sharp wage increases.

Multiple factors have contributed to the labor shortage, including enhanced unemployment benefits, baby boomers retiring, and fewer immigrants entering the country. Now, with unemployment benefits expiring and wages increasing rapidly, economists believe many of the effects of the labor shortage and supply constraints will subside during the second half of 2022.

But how does it all relate to multifamily real estate at the moment?

The combination of the rise in the cost of materials, energy prices, and wages – along with a shortage of skilled labor – has slowed down the supply of single-family housing construction overall. Strong demand for housing persists as more young adults look to move out of their parent's homes or from urban apartments to suburban homes.

As a result, home prices in September jumped a staggering

ABInsight_® Multifamily Thriving Despite Economic Constraints

18% year-over-year nationally, according to the S&P CoreLogic Case-Shiller U.S. National Home Price NSA index. At the same time, the supply of homes for sale went down 13.4%, according to the National Association of Realtors, forcing many to wait and continue to rent.

From an investor's perspective, it makes sense to put their capital into an appreciating asset like multifamily real estate during times of inflation, with the expectation cap rates will compress and rents will increase from here. Fortunately, the abundance of multifamily debt capital remains as Freddie Mac and Fannie Mae raised their cap an additional \$8 billion each for 2022. On the other hand, interest rates will likely go up eventually.

It is no secret multifamily continues to be one of the most resilient sectors throughout the pandemic, posting significant growth in total sales volume, development, occupancy, and rents.

It is likely that current inflation, supply constraints, and labor shortages will have no dramatic long-term negative effects on the multifamily industry.

MULTIFAMILY CONSTRUCTION TRYING TO KEEP UP WITH DEMAND

Demand for apartments is reaching an all-time high after 255,000 multifamily units were absorbed (newly completed units leased) nationally during the third quarter. That figure marks the largest single-quarter absorption since 1990, according to RealPage data, indicating the supply of apartment construction has become more paramount than ever.

Apartment construction appears to have overcome the cost of materials and labor shortage dilemma better than single-family construction. According to U.S. Census Bureau data, new multifamily construction permits were issued nationally for 57,000 units in August 2021, signifying it as the hottest month since June 2015. For single family housing construction, housing starts fell in September and permits dropped to a one-year low, according to a report from the U.S. Department of Commerce.

Multifamily developers recognize the disparity in current supply/demand levels and are getting creative to keep up with demand. Select developers are taking underperforming commercial spaces and converting them into apartments at a record rate. Obsolete office buildings, old industrial facilities, underperforming malls, and out-of-date hotels are all prospects for potential apartment conversions.

It is projected that 20,100 units will be converted into apartments from commercial spaces by the end of the year

nationally, according to a new report by RentCafe.

Creative methods like this will become imperative moving forward if the multifamily industry has any chance of matching supply with demand. Expect multifamily construction to remain active especially, as supply chain constraints diffuse.

PHOENIX DESIGNATED A "MAGNET MARKET"

It appears to be the same good news story with Phoenix quarter after quarter this year. The Valley metro has flourished, and continues to be one of the nation's top economies. According to the 2022 Emerging Trends in Real Estate report, conducted by the Urban Land Institute and PwC US, Phoenix was among the top three metros for real estate prospects in 2022, in terms of overall growth, affordability, and job prospects.

The report designated Phoenix as a "Magnet Market" due to its increasingly robust ability to attract new residents and businesses. Data provided by the U.S. Census Bureau reflects this designation as Phoenix was the nation's number one in metro-to-metro population growth between 2015 & 2019.

Job openings, specifically in the tech and manufacturing industry, are plentiful as new businesses target the Phoenix metro and transform previously underdeveloped submarkets. In addition, Phoenix became the first U.S. metro to restore all the jobs lost as a result of the pandemic. These factors are expressed in the multifamily data as total sales volume, price per unit/square foot, and average occupancy and rent rates all posted remarkable year-over-year increases.

Despite being one of the most affordable metros relative to the nation, Phoenix is becoming more unaffordable for some of the Valley's current longtime residents. Phoenix led the nation in both year-over-year home price and rent increases.

Phoenix home prices are up a whopping 29.3%. Rental rates have increased another huge mark of 22.8%, according to data from Yardi Matrix. Based on the median household income, 64% of residents are unable to afford a new home, according to an analysis conducted by an online home sales platform, The Knock. These sharp increases are a direct correlation of demand outpacing housing supply.

Thankfully, Phoenix builders and developers are making a vigorous effort to construct new housing. The rise in the cost of materials and shortage of labor has not affected Phoenix construction as much as other metros. Housing construction permits are significantly up, and apartment unit deliveries are projected to outperform last year's strong output.

ABInsight Multifamily Thriving Despite Economic Constraints

Strong volume in housing construction must continue if we are to meet the estimated 150,000 units of rental housing needed in the Phoenix metro by 2030 to satisfy demand, according to the National Multifamily Housing Council.

Expect the Phoenix multifamily market to continue its positive trends into 2022.

PHOENIX MARKET METRICS: BY THE NUMBERS

The third quarter of 2021 continued to report extensive growth as Phoenix remains on a record-breaking pace.

For 10-99 unit properties, Q3 2021 saw a transaction volume of approximately \$517 Million, which represented a 152.4% Year-over-Year increase from Q3 2020. In the 100+ unit category, Q3 2021 brought in about \$4.1 Billion, significantly up 263.0% YoY.

Average Price-Per-Unit amounts increased exponentially in the 10-99 segment, rising 48.8% YoY to \$212,710, and showing another significant increase of 71.6% to \$289,056 for 100+. This translated to an Average Price/SF of \$256.39 in 10-99 (up 53.3%) and \$339.30 (up 67.8%) in 100+.

Inventory age saw remained static in the 10-99 segment but increased in 100+ unit properties Year-over-Year. Average Year Built for 10-99 reported the year 1975, same as a year ago. The Average Year Built in 100+ reported the year 1994, versus 1987.

The market's occupancy rate made a large jump YoY. Q3 2021 occupancy finished at 96.5%, a 1.1% increase from Q3 2020. Average rent took one of the largest leaps in the nation, reporting \$1,536, up \$285 (22.8%) from last year.

Phoenix MSA demographics continued their solid trends. The Census estimate of total population was 4,948,203. The unemployment rate finished the year at 3.8%, gradually decreasing from the COVID-19 unemployment hike, according to Bureau of Labor Statistics numbers.

Median Household Income was \$63,883, and Per Capita Income came in at \$32,522.

In the realm of new construction for 50+ unit properties, a significant 3,165 units were delivered across 16 projects for the quarter. This represented a decrease compared to Q3 2020 deliveries of 3,688 units even though both quarters were considered robust.

Currently, a large pipeline of 24,724 units is estimated to be in the Planning stages across 101 properties. Another massive total of 34,059 units is listed as Under Construction across 139 properties.

Pre-lease absorption rates this quarter were at an above average rate of 17 units/property/month.

Total Unit Inventory for 50+ unit properties came in at 327,805.

Across the MSA, 50+ unit inventories by city were:

Phoenix: 145,456

Mesa: 40,312

■ Tempe: 38,044

Scottsdale: 29,443

Glendale: 24,894

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ABI COMPARATIVE MARKET REVIEW: Q3 2021

	ADI COMI ARATIVE MARREI REVIEW. QJ 2021					
		PHOENIX	TUCSON	SACRAMENTO	SAN DIEGO A	
	Total Population	4,948,203	1,047,279	2,405,603	3,339,333	
- S)I	Unemployment Rate (as of Sept 2021)	3.8%	4.3%	5.5%	5.6%	
DEMOGRAPHICS	Employment Growth (y-o-y)	6.0%	4.0%	3.6%	4.0%	
DEM	Median HH Income	\$63,883	\$53,379	\$81,696	\$95,283	
	Per Capita Income	\$32,522	\$29,707	\$35,563	\$34,103	
	Rent (Q3 2021)	\$1,536	\$1,130	\$1,698	\$2,147	
	% Increase/Decrease	+22.8%	+18.4%	+11.7%	+12.9%	
(+05) TSNOO	Occupancy (Q3 2021)	96.5%	96.6%	96.6%	97.6%	
	% Increase/Decrease	+1.1%	+1.0%	+0.5%	+2.1%	
RENT/OCC/	Total Inventory (50+)	327,355	68,774	149,418	238,757	
8	Total Under Construction (50+)	34,059	979	6,514	8,879	
	Units Delivered (50+, YTD)	7,829	1,009	1,779	5,365	
	Total Sales Volume (Q3 2021)	\$4.28B	\$342M	\$538M	\$1.61B	
. (+05	y-o-y % Increase/Decrease	+248.2%	+122.8%	+213.0%	+767.4%	
SALES (50+)	Average P/U (Q3 2021)	\$284,597	\$180,906	\$255,007	\$265,098	
	y-o-y % Increase/Decrease	+71.1%	+49.4%	-10.9%	+14.9%	
	•					



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200+ YEARS OF COMBINED MULTIFAMILY BROKERAGE EXPERIENCE SEASONED ADVISORS WITH REGIONAL INSIGHT COLLABORATION & COOPERATION

NOTABLE RECENT ABI MULTIFAMILY TRANSACTIONS

100+ UNIT PROPERTIES











SKY ANCALA APARTMENTS

11545 N Frank Lloyd Wright Bvld Scottsdale. AZ 85259

Price: \$104,500,000 Units: 330 Year Built: 1988

SOLANO POINTE APARTMENTS

6565 West Bethany Home Road Glendale. AZ 85301

Price: \$42,000,000 Units: 276 Year Built: 2006

CORNELL APARTMENTS

6535 - 6555 North 17th Avenue Phoenix. AZ 85015

Price: \$11,019,000 Units: 51 Year Built: 1968

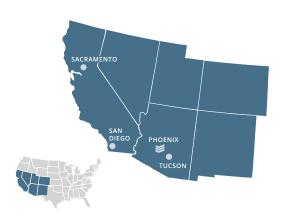
HAVEN ON THE RAIL

111 North Mesa Drive Mesa, AZ 85203

Price: \$19,550,000

Units: 94

Year Built: 1964/1985



APARTMENT BROKERAGE & ADVISORY FIRM

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ABI Multifamily incorporates a global approach with regional real estate expertise to successfully complete any multifamily transaction, regardless of size and complexity.

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