

PHOENIX MSA MU PHOENIX MSA OVERVIEW 02 PHOENIX MSA - PER CITY ANALYSIS MULTIFAMILY PROPERTY ANALYSIS: 100+ & 10-99 UNITS 03 ARIZONA MOBILE / MANUFACTURED HOUSING PARK (MHP) ANALYSIS 04 **COMPLETED CONSTRUCTION & PLANNED PROJECTS** 05 06 ABI GEONEWS: PHOENIX MSA - SELECT NEWS ABInsight Multifamily Navigating Through Headwinds 07-09 **ABI COMPARATIVE MARKET REVIEW: Q2 2022** 10

10+ UNIT PROPERTIES	Q2 2022	INCREASE/DECREASE	Q2 2021
Total Sales Volume	\$5.7B	+55.5%	\$3.66B
Price/Unit	\$337,017	+57.4%	\$214,180
< ≃ Price/SF	\$401.41	+46.7%	\$273.59
> < Year Built	1982	No Change	1982
Average Rent	\$1,702	+19.7%	\$1,422
Occupancy Rate	95.0%	-1.4%	96.4%
Units Delivered	3,626	+125.4%	1,609

ABI GEONEWS: PHOENIX MSA - SELECT NEWS

CONTINUED ON PAGE 06



First look: KORE Power unveils renderings of giant West Valley battery facility



Phoenix looks to redevelop downtown parking lot into potential high-rise for massive property in Phoenix metro



Casa Grande moves forward with Lucid Group development agreement

4,948,203 †††††††††



Q-O-Q AS OF JUN 2022 - BLS

4.0%

EMPLOYMENT GROWTH Y-O-Y AS OF JUN 2022 - BLS

\$67,068

\$34,378



MEDIAN HH INCOME 2020 ACS 5-YEAR ESTIMATE PER CAPITA INCOME 2020 ACS 5-YEAR ESTIMATE

34,762



370,652 Units (10+



UNDER CONSTRUCTION

TOTAL INVENTORY AS OF JULY 2022 - YARDI

PHOENIX MSA - PER CITY ANALYSIS

PHO	JENIY WCV	QUICK STATS UNE	MPLOYMEN	T RATE MEDIAN HH	INCOME DED CAD	PITA INCOME T	OTAL INVENTORY	UNDER CONSTRUCTION
	JENIX MIJA	Phoenix MSA	3.4%			4,378	333,007	34,762
		Phoenix	3.4%			1,427	149,955	10,525
		Mesa	3.4%	\$61,6	40 \$3	0,903	41,601	2,810
		Scottsdale	2.7%	\$91,0	42 \$6	4,992	29,124	4,487
		Тетре	3.3%	\$61,2	90 \$3	3,205	38,485	2,948
		Glendale	3.5%	\$56,9	91 \$2	6,395	26,183	2,351
	PHOENIX	MSA - PER CITY ANA	ALYSIS	Phoenix	Mesa	Scottsdale	Tempe	Glendale
ATS		Average Rent (Q	2 2022)	\$1,576	\$1,560	\$2,097	\$1,901	\$1,506
RENT & OCCUPANCY STATS		% Change	y (y-o-y)	+20.7%	+21.6%	+17.9%	+17.4%	+21.5%
CUPA		Occupancy Rate (Q	2 2022)	94.9%	95.4%	94.4%	95.1%	94.9%
% 0C		% Change	y-o-y)	-1.3%	-1.4%	-1.7%	-1.4%	-1.2%
RENT	Un	its Delivered (Q2 202	22, 50+)	1,617	359	0	0	560
	Total Sa	ales Volume (Q2 2022	2, 100+)	\$1,467,965,006	\$830,246,039	\$825,400,000	\$695,687,500	\$300,231,917
(+	Total Sa	ales Volume (Q2 2021	I, 100+)	\$1,827,003,541	\$129,200,000	\$126,000,000	\$376,313,213	\$327,521,311
A (100+)		% Change	e (y-o-y)	-19.7%	+542.6%	+555.1%	+84.9%	-8.3%
SALES DATA		Avg P/U (Q2 2022	2, 100+)	\$287,949	\$299,404	\$558,080	\$374,832	\$303,265
SALE		Avg P/U (Q2 2021	l, 100+)	\$208,182	\$212,850	\$306,569	\$248,556	\$194,837
	_	% Change	e (y-o-y)	+38.3%	+40.7%	+82.0%	+50.8%	+55.7%
	Total Sa	les Volume (Q2 2022	, 10-99)	\$324,634,400	\$71,480,000	\$17,535,000	\$82,105,000	\$41,680,000
(6)	Total Sa	les Volume (Q2 2021	, 10-99)	\$268,516,148	\$65,445,000	\$12,475,000	\$41,074,124	\$775,000
SALES DATA (10-99)		% Change	(y-o-y)	+20.9%	+9.2%	+40.6%	+99.9%	+5278.1%
DATA		Avg P/U (Q2 2022	, 10-99)	\$244,270	\$245,636	\$246,972	\$421,051	\$231,556
SALES		Avg P/U (Q2 2021	, 10-99)	\$190,167	\$152,552	\$259,896	\$188,413	\$77,500
		% Change	(y-o-y)	+28.5%	+61.0%	-5.0%	+123.5%	+198.8%

100+ UNIT MULTIFAMILY PROPERTY ANALYSIS

22 2022	INCREASE/DECREASE	Q2 2021
5.13B	+57.9%	\$3.25B
349,278	+58.9%	\$219,757
415.59	+48.1%	\$280.63
993	No Change	1993
	5.13B 349,278 415.59	5.13B +57.9% 349,278 +58.9% 415.59 +48.1%

TOP 3 TRANSACTIONS BY PRICE/UNIT (100+)



Gramercy Scottsdale

Scottsdale, 160 Units | \$121,000,000 \$756,250/Unit | \$625.71/SF | Built 2021

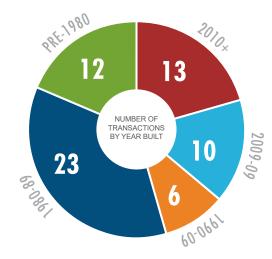


The Moderne

Scottsdale, 367 Units | \$260,000,000 \$708,447/Unit | \$739.40/SF | Built 2015

Liv North Scottsdale

Scottsdale, 240 Units | \$145,000,000 \$604,167/Unit | \$603.21/SF | Built 2014



Q2 2022 Transactions by Year Built

	# of Transactions	Avg Price/Unit	Avg Price/SF
2010+	13	\$522K	\$570
2000-09	10	\$317K	\$318
1990-99	6	\$404K	\$406
1980-89	23	\$314K	\$400
Pre-1980	12	\$259K	\$367

10 - 99 UNIT MULTIFAMILY PROPERTY ANALYSIS

		Q2 2022	INCREASE/DECREASE	Q2 2021
Total Sal	es Volume	\$562M	+36.4%	\$412M
В	Price/Unit	\$255,135	+43.0%	\$178,420
E R A	Price/SF	\$305.04	+33.9%	\$227.75
> A	Year Built	1972	-1 Yr	1973

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



Farmer Avenue Lofts

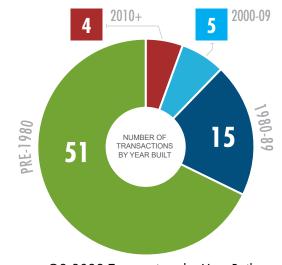
Tempe, 18 Units | \$13,100,000 \$727,778/Unit | \$295.51/SF | Built 2008

Park Central Luxury Townhomes Phoenix, 56 Units | \$33,500,000

\$598,214/Unit | \$325.12/SF | Built 2020

Fleetwood Apartments

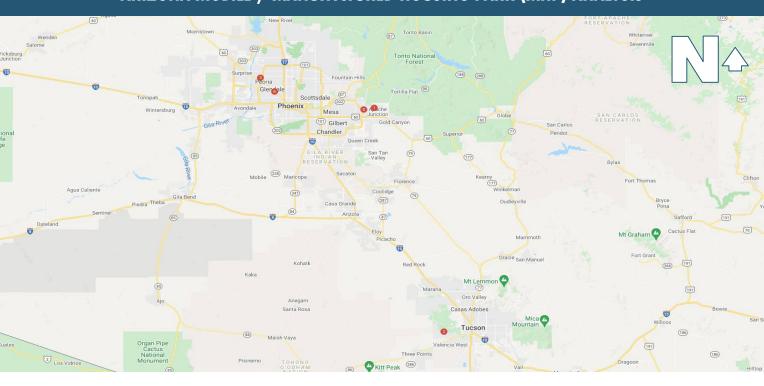
Tempe, 96 Units | \$47,500,000 \$494,792/Unit | \$425.91/SF | Built 2007



Q2 2022 Transactions by Year Built

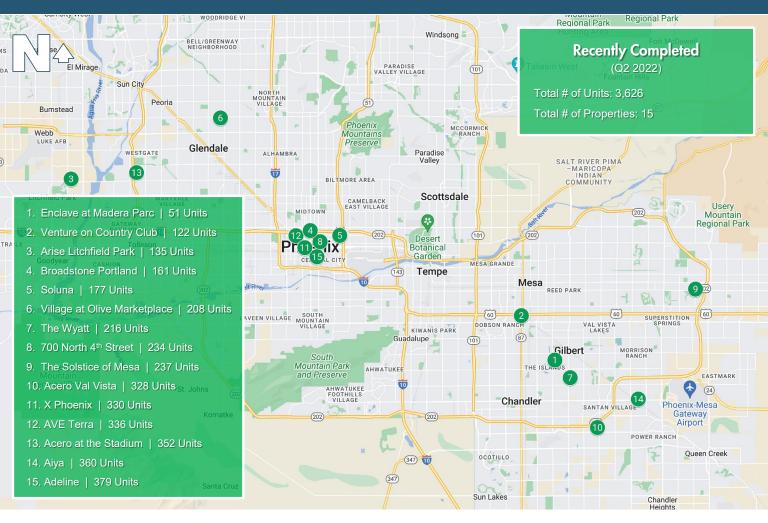
	# of Transactions	Avg Price/Unit	Avg Price/SF
2010+	4	\$449K	\$320
2000-09	5	\$418K	\$319
1990-99			
1980-89	15	\$197K	\$272
Pre-1980	51	\$237K	\$308

ARIZONA MOBILE / MANUFACTURED HOUSING PARK (MHP) ANALYSIS



es	Organ Pipe Cactus National Monument Pisinemo TOHONO OODHAM (5)	Valencia West Three Points A Kitt Peak The Peak Three Points Vall	(Tell) Dragoon Hi
	MHP SALES VOLUME (50+)	PHOENIX MSA	TUCSON MSA
/55+	Transaction Volume (Q2 2022)	\$105,090,239	\$0
AGE RESTRICTED/55+	Transaction Volume (Q2 2021)	\$13,800,000	\$0
RESTR	Avg Sales Price / Space (Q2 2022)	\$160,935	
AGE	Avg Sales Price / Space (Q2 2021)	\$35,115	
	Transaction Volume (Q2 2022)	\$31,870,000	\$2,300,000
IIIY	Transaction Volume (Q2 2021)	\$3,000,000	\$7,500,000
FAMILY	Avg Sales Price / Space (Q2 2022)	\$67,095	\$38,983
	Avg Sales Price / Space (Q2 2021)	\$13,333	\$45,732
	Total Transaction Volume (2022 YTD, 50+)	\$269,726,239	\$2,300,000
	Number of Transactions (2022 YTD, 50+)	15	1
	MHP INVENTORY (50+)	PHOENIX MSA	TUCSON MSA
)RY	Total Spaces	88,595	22,454
INVENTORY	Age Restricted/55+	62,722	12,233
2	Family	25,873	10,221

COMPLETED CONSTRUCTION



PHOENIX MULTIFAMILY CONSTRUCTION PIPELINE Q2 2022

12.000 11,000 9.942 10,000 9,315 8,940 9,022 9,000 7,912 7,785 8,000 20 Year Average: 5,667 6,902 7 000 6,398 6.000 5,003 5,000 4,527 4,661 4,000 3,683 3 569 3.281 2,751 3,000 2,593 2 000 1,668 1,000 20% 2010 20/2 20/2 2014 2016 2018 20b 2001 2009 2015 2017 201 2004

TOTAL UNIT INVENTORY

10+ UNIT PROPERTIES: **370,652** 50+ UNIT PROPERTIES: **338,016**

UNDER CONSTRUCTION

TOTAL # OF UNITS: 34,762

TOTAL # OF PROPERTIES: 145

PRE-LEASE ABSORPTION RATE

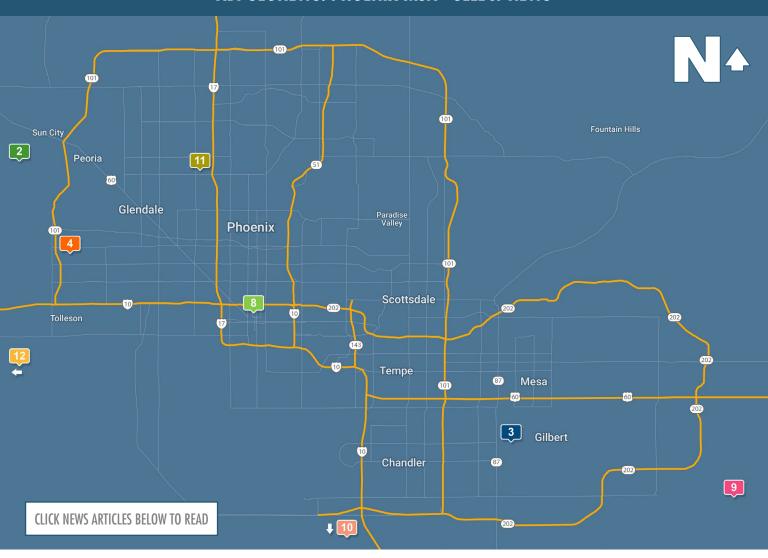
PLANNED

TOTAL # OF UNITS: 29,482

TOTAL # OF PROPERTIES: 119

^{*} 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



BNSF Railway Co.

New documents reveal freight giant BNSF Railway Co.'s plans for regional industrial rail hub



City of Phoenix

Phoenix looks to redevelop downtown parking lot into potential high-rise



Northrop Grumman

Hundreds of jobs expected as Northrop Grumman expands its Arizona satellite-manufacturing plant



LG Energy Solution

\$1.4B LG battery plant that could become Queen Creek's largest employer gets go-ahead



Williams-Sonoma Inc.

Global home goods company signs major industrial lease in Glendale, could hire 3,000 workers



Lucid Motors

Casa Grande moves forward with Lucid Group development agreement



City of Phoenix

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



Wilshire Capital / TLG Investment Partners

\$750 million redevelopment of Metrocenter in Phoenix planned to start next year



City of Phoenix

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



KORE Power

First look: KORE Power unveils renderings of giant West Valley battery facility



MULTIFAMILY NAVIGATING THROUGH HEADWINDS

he multifamily sector is currently facing a number of obstacles. Rising interest rates, inflation, cost of materials, regulations, and supply chain constraints are all creating challenges for multifamily investors. Despite these hurdles, however, the second quarter of 2022 still delivered robust numbers, relative to past years, illustrating why multifamily is considered one of the most resilient sectors in commercial real estate.

NEW SUPPLY REQUIRED TO MEET FUTURE DEMAND

In a time when housing construction is desperately needed, many developers/home builders are navigating through significant hurdles. According to the National Multifamily Housing Council and National Apartment Association, the United States will need approximately 4.3 million new apartments by 2035 to meet rising demand.

A significant factor that contributed to this imbalance between supply and demand was The Great Recession in 2008, which nearly put a halt to all home building, ultimately putting the nation behind the eight ball today.

There is a common consensus that more housing is needed, but hurdles like supply chain constraints, cost of materials/debt, labor shortages, local pushback, and government regulations keep hindering the construction sector. Creative developments, incentives, and an easing of regulations are imperative to ramping up the construction needed to meet demand.

According to the National Multifamily Housing Council, government-imposed regulations account for more than 40% of all multifamily development costs. These costs cause developers to avoid areas with policies like rent control and inclusionary zoning. In addition, the mounting issue of local pushback (or NIMBYism) when a neighborhood discovers plans for new rental housing in the area, has proved to be a significant thorn in developer's sides.

The lack of supply has helped multifamily owners with high occupancy rates and substantial rent growth that, in turn, pushes price appreciation. That being said, the imbalance/

ABInsight Multifamily Navigating Through Headwinds

growth is not sustainable, and more affordable housing needs to be infused into the future housing supply.

Fortunately, the U.S. Department of the Treasury announced new plans to "increase the ability of state, local, and tribal governments to use American Rescue Plan funds to boost the supply of affordable housing in their communities."

This call to action will become very beneficial for the housing supply gap in the years to come. Hopefully, in the near future, the supply chain will return to normal, and the cost of construction materials will come down to ease the pressure on developers.

COMPANY MIGRATION BOOSTING MULTIFAMILY FUNDAMENTALS IN PHOENIX

It is no secret that the Phoenix Metro continues to expand rapidly, making some areas of the Valley almost unrecognizable from what they looked like five years ago. In my opinion, the most notable and impactful trend to the Phoenix multifamily market has been the inflow of outside capital investment.

At the forefront of this transformative period, out-of-state/ foreign corporations are targeting all corners of the Phoenix Metro to relocate their headquarters, expand their current Arizona presence, or open new facilities.

Companies are circling Phoenix on a map for many attractive factors like robust population growth, land availability, affordability, the large talent pool of high-skilled workers, a friendly business tax environment, and advanced logistics centers. The significant inflow of these companies is boding exceptionally well for the multifamily industry in Phoenix.

Practically every week, another company announces they are developing a new facility or leasing an existing or future planned facility, creating significant high wage jobs in the process. This results in a wave of new residents moving to the metro in need of housing.

Most of the new industrial development is located on the outskirts of the metro area in cities like Buckeye, Queen Creek, Casa Grande, Chandler, Goodyear, Mesa, and North Phoenix. Significant portions of some of these cities were empty. Now with new industrial and office developments, the demand for housing is spurring more multifamily development and economic growth in places developers wouldn't even consider in the past.

More housing is something the Valley desperately needs, as demand continues to outpace the current supply; a narrative the Phoenix Metro has been married to the past decade; it seems. Consistent demand and a lack of supply will continue to increase rents and maintain healthy occupancy rates.

The most significant industries to make a splash in Phoenix have been the semiconductor, e-commerce, and electric vehicle industries.

The United States has been pushing for a more extensive domestic chip supply, and Phoenix has benefited tremendously. The Valley quickly became a semiconductor hub once Taiwan Semiconductor Manufacturing Co. announced Arizona's most significant foreign investment of \$12 billion to develop new fabrication manufacturing facilities in Far North Phoenix.

TSMC's announcement created a ripple effect in Phoenix, with Intel Corp. doubling down on its presence in Chandler and expanding with a \$20 billion investment to build two more semiconductor fabrication facilities. These two juggernaut corporations now have semiconductor suppliers flooding to Chandler and North Phoenix to lease industrial space to do business with the two.

That said, Chandler and North Phoenix are not the only areas reaping the benefits. The City of Casa Grande has emerged as a major player in housing these suppliers. Due to Casa Grande's more affordable land and housing, efficient rail infrastructure, and less restrictive regulations compared to Maricopa County, many chemical suppliers are choosing to build new state-of-the-art facilities there.

And chemical suppliers aren't the only companies flocking to Casa Grande. In addition to the robust inflow of the semiconductor industry, electric vehicle battery manufacturers are also coming in droves. Lucid Motors, an electric vehicle manufacturer, opened a 1-million square-foot battery facility last September and has plans to construct a new factory nearby, adding 2.85 million square feet to the company's footprint.

In nearby Queen Creek, LG Energy Solutions is building a brand-new electric vehicle battery facility. In Buckeye, KORE Power announced plans to double the size of its giant lithium-ion battery facility, with an investment of \$1.25 billion.

Buckeye has been experiencing one of the most dramatic changes in The Valley. Recently, the City of Buckeye redesignated about 4,000 acres of land to prepare itself for the ongoing trend of out-of-state companies moving to Arizona. Buckeye is enticing for companies due to its proximity to California ports, access to freeways, and the city's growing population. It has repeatedly been named one of the fastest-growing cities in the United States.

The developments highlighted above only scratch the surface of the type of outside capital investment activity the Phoenix Metro is experiencing. Why is this important and

ABInsight Multifamily Navigating Through Headwinds

beneficial to the Phoenix multifamily market?

The existence of the development and leasing of these new facilities is leading to increased economic growth in areas that were once underdeveloped, ultimately rounding out and expanding the metro itself. In turn, the benefits of job creation, foot traffic, and increased tax revenue is revitalizing areas with more capital investment like housing, retail, and entertainment attractions.

Developers building industrial parks are often constructing large multifamily properties in conjunction with their projects, knowing the area will desperately need housing once these companies are fully operational. This trend will only improve the Phoenix market's already extremely enticing fundamentals that have bolstered this multifamily market to a top market in the country it is today.

Even with the current slowdown in multifamily deal activity, 2022 is still shaping to be a superior year. With the favorable fundamentals in place, Phoenix is expected to be one of the most resilient markets in the nation, even in the event of an economic recession.

PHOENIX MARKET METRICS: BY THE NUMBERS

Q2 2022 multifamily data reported exceptionally robust increases when compared to 2021, which already recorded record-breaking numbers in Phoenix.

For 10-99 unit properties, Q2 2022 saw a transaction volume of approximately \$562 Million, which represented a significant 36.4% Year-over-year increase from Q2 2021. In the 100+ unit category, Q2 2022 brought in more than \$5.1 Billion, up 57.9% YoY.

Average price per unit amounts increased exponentially in the 10-99 segment, rising 43.0% YoY to \$255,135, and showing another significant increase of 58.9% to \$349,278 for 100+. This translated to an Average Price/SF of \$305.04 in 10-99 (up 33.9%) and \$415.59 (up 48.1%) in 100+.

Inventory age decreased slightly in the 10-99 segment and remained static in 100+ unit properties year-over-year. Average Year Built for 10-99 reported the year 1972, versus 1973 a year ago. The Average Year Built in 100+ reported the year 1993.

The market's occupancy rate dropped YoY. Q1 2022 occupancy finished at 95.6%, a 0.4% decrease from Q1 2021. Average rent took another massive leap, reporting \$1,669, up \$337 (25.3%) YoY.

Phoenix MSA demographics continued their solid trends. The Census estimate of total population was 4,948,203. The unemployment rate finished the quarter at 3.4%, according to Bureau of Labor Statistics numbers.

Median Household Income was \$67,068, and Per Capita Income came in at \$34,378.

In the realm of new construction for 50+ unit properties, a robust 3,626 units were delivered across 15 projects for the quarter. This represented an increase of 125.4% compared to Q2 2021, a record year.

Currently, a large pipeline of 29,482 units is estimated to be in the Planning stages across 119 properties. Another massive total of 34,762 units is listed as Under Construction across 145 properties.

Pre-lease absorption rates this quarter were at a below average rate of 12 units/property/month.

Total Unit Inventory for 50+ unit properties came in at 338,016.

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

Phoenix: 149,955

Mesa: 41,601

■ Tempe: 38,485

Scottsdale: 29,124

Glendale: 26,183



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ABI COMPARATIVE MARKET REVIEW: Q2 2022

		PHOENIX	TUCSON	SAN DIEGO A
	Total Population	4,948,203	1,047,279	3,280,419
- SOIH	Unemployment Rate (as of Jun 2022)	3.4%	4.0%	3.2%
DEMOGRAPHICS	Employment Growth (y-o-y)	4.0%	2.7%	5.5%
DEN	Median HH Income	\$67,068	\$55,023	\$98,290
	Per Capita Income	\$34,378	\$30,747	\$35,384
	Rent (Q2 2022)	\$1,702	\$1,258	\$2,214
	% Increase/Decrease	+19.7%	+18.5%	+12.5%
(+05)	Occupancy (Q2 2022)	95.0%	95.7%	97.6%
RENT/OCC/CONST (50+)	% Increase/Decrease	-1.4%	-0.7%	+0.5%
ENT/OC	Total Inventory (50+)	338,016	69,826	243,025
	Total Under Construction (50+)	34,762	1,131	9,635
	Units Delivered (50+, YTD)	6,398	55	2,179
	Total Sales Volume (Q2 2022)	\$5.40B	\$338M	\$781M
- (+05	y-o-y % Increase/Decrease	+57.3%	+62.6%	+67.2%
SALES (50+)	Average P/U (Q2 2022)	\$345,234	\$143,369	\$342,688
	y-o-y % Increase/Decrease	+59.6%	-2.6%	+0.4%



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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











ASCENT 1829

1829 East Morten Avenue Phoenix. AZ 85020

Price: \$48,000,000 Units: 180 Year Built: 1980

SUNRISE IN BILTMORE

6131 North 16th Street Phoenix, AZ 85016

Price: \$37,500,000 Units: 125 Year Built: 1975

PHOENICIAN PINES

17211 North 35th Avenue Phoenix, AZ 85053

Price: \$22,000,000 Units: 92 of 240 Year Built: 1982

HAVEN ON THE RAIL

111 North Mesa Drive Mesa, AZ 85203

Price: \$19,550,000

Units: 94

Year Built: 1964/1985



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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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