

# **MULTI-FAMILY MARKET REPORT**

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12 Mo. Delivered Units

12 Mo. Absorption Units

Vacancy Rate

12 Mo. Asking Rent Growth

3,987

3,042

**5.1%** 

3.0%

Net absorption outpaced deliveries in 19Q3 for the third straight quarter, and occupancies remained in line with the long-term average. However, annual rent growth still fell below the long-term average in 2019 for the first time since 2012. The weight of record-high rent levels is expected to keep annual rent growth below that historical benchmark through the majority of the forecast as concerns over affordability spread across the region.

In an attempt to rein in outsized rent growth, California passed a state-wide rent cap measure in October 2019 that limits annual rent increases to 5% plus inflation. It does not apply to apartment units delivered within the past 15 years. The bill also provides tenant-protective measures against eviction without cause. However, landlords will still have the ability to make significant capital improvements and evict tenants as necessary, but they will have to pay relocation assistance equal to one month's rent.

Supply additions are still less than what is necessary to support population growth, and the burden has fallen most heavily on cost-conscious renters. Fewer areas of San Diego offer affordable options for residents, leading to a noticeable uptick in out-migration. Even so, San

Diego's construction starts in 2019 are far below what is required to keep pace with growth.

Developers have primarily built luxury units because of the high costs associated with land, construction, and parking. The city council moved forward in removing parking requirements near transit priority areas, which would lower the financial burden for builders and presumably renters. It is one of several paths the city has taken to increase density.

With San Diego's economy diversified among tech fields, tourism, trade, and the military, the metro's apartment fundamentals are on firm footing, and demand remains largely inelastic. But with the heavy wave of supply Downtown and its thick pipeline, it is expected that vacancies there are likely to remain elevated through the forecast while denting rent growth.

Investors have shown steady interest in San Diego's apartment inventory in 2019. The county's largest landlord expanded its portfolio even further this year in the Mission Valley area, after purchasing two newly delivered communities for nearly \$300 million.

# **KEY INDICATORS**

Current Quarter	Units	Vacancy Rate	Asking Rent	Effective Rent	Absorption Units	Delivered Units	Under Constr Units
4 & 5 Star	48,818	9.9%	\$2,514	\$2,473	544	1,449	6,661
3 Star	83,844	4.7%	\$1,878	\$1,866	17	383	294
1 & 2 Star	130,031	3.6%	\$1,435	\$1,428	(10)	0	0
Market	262,693	5.1%	\$1,857	\$1,840	551	1,832	6,955

Annual Trends	12 Month	Historical Average	Forecast Average	Peak	When	Trough	When
Vacancy Change (YOY)	0.3%	4.4%	5.5%	5.4%	2009 Q4	2.3%	2000 Q2
Absorption Units	3,042	1,862	1,911	4,684	2016 Q1	(1,771)	2009 Q1
Delivered Units	3,987	2,346	2,689	6,039	2001 Q2	237	2011 Q2
Demolished Units	0	101	132	341	2009 Q3	0	2019 Q3
Asking Rent Growth (YOY)	3.0%	3.0%	1.8%	7.1%	2015 Q3	-2.6%	2009 Q4
Effective Rent Growth (YOY)	3.6%	2.9%	1.8%	6.9%	2015 Q3	-2.8%	2009 Q4
Sales Volume	\$2.1 B	\$1.6B	N/A	\$3.0B	2018 Q1	\$478.5M	2009 Q4



Demand outpaced the county's supply additions in 19Q3 for the third straight quarter, although trailing 12-month absorption has exceeded 3,000 units only once during that stretch.

A steady flow of millennials has poured into San Diego. The county includes one of the heaviest concentrations of this cohort in the country, accounting for 27% of the population according to the latest U.S. Census Bureau estimates.

Workers of all ages are attracted to San Diego because it is firmly cemented as a bastion of high tech and life science research. Firms such as Amazon and Apple are expanding here and will add hundreds of new tech positions, especially in the UC San Diego area.

Millennials help support demand for new inventory in San Diego. For properties that deliver Downtown, monthly absorption rates average near 25 units per month, such as at Luma in Little Italy. In Mission Valley, leasing velocity during lease-up averages closer to 20 units per month. That is close to the average for several new communities there, including Vora Mission Gorge and Millennium Mission Valley. More suburban assets, such as in Carlsbad or Chula Vista, typically average closer to 15 units per month of absorption during lease-up.

San Diego is undersupplied, with both single-family and multifamily housing growth lagging far behind the pace of household formation. The San Diego Housing Commission estimates that, based on population growth over the past decade and future projections, San Diego

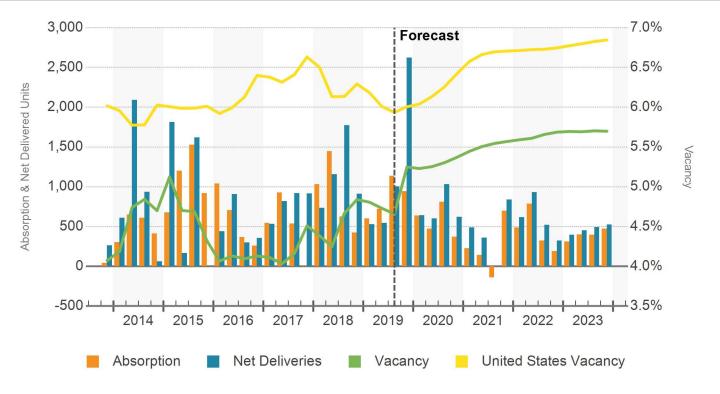
should receive an average of about 15,000 new housing units annually for at least the next decade. New supply, both single-family and multifamily, is only about a third of that level.

The city council is trying to do its part to address the lack of affordable supply. It passed a measure in March 2019 that overhauls the city's minimum parking requirements for dense, urban housing. The plan effectively eliminates the need to build off-street parking for communities built in proximity to transit priority areas, both trolley and bus routes, with the expectation that it will increase density and lower rent. The policy also sets a maximum of one parking space per unit for new Downtown projects. The city council also approved new zoning guidelines in July 2019. The new guidelines make mixed-use development a new type of zone and streamline the ability of developers to build dense housing projects with an industrial or commercial component, similar to Civita or One Paseo.

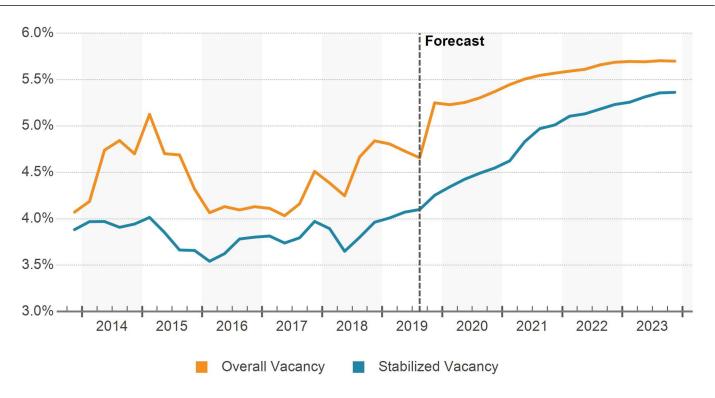
San Diego's supply constraints have also spilled over into the single-family market. The Case-Shiller Home Price Index increased about 30% in the past five years. Renters interested in moving into homeownership must deal with the added burden of too little for-sale inventory. The Greater San Diego Association of Realtors estimates that for-sale stock is about half of what is traditionally needed to keep up with demand. A study released by USC's Sol Price School of Public Policy at the end of April 2019 ranked San Diego the second least affordable metro in the country, trailing only Washington, D.C.



# **ABSORPTION, NET DELIVERIES & VACANCY**



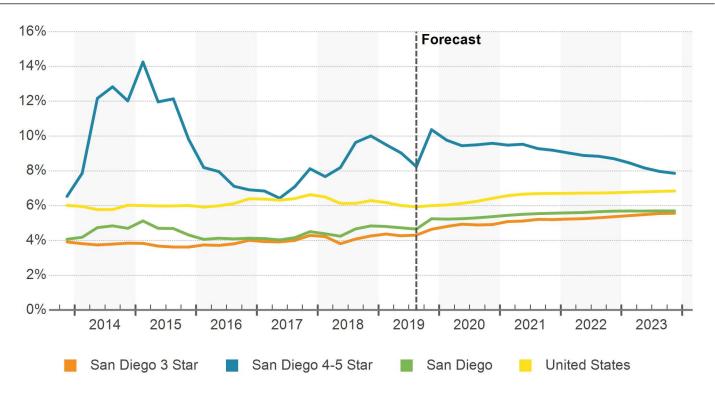
# **OVERALL & STABILIZED VACANCY**



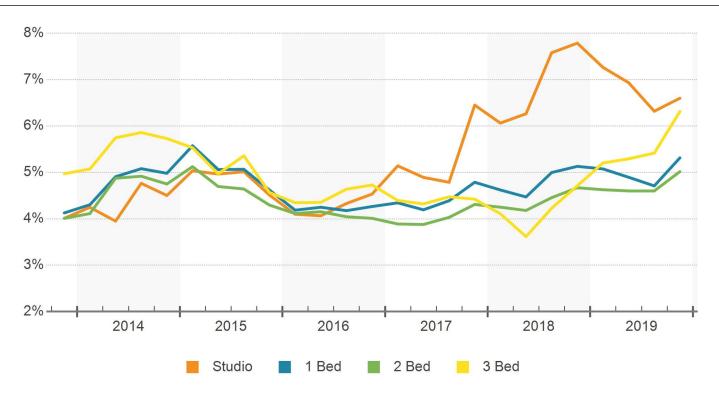




# **VACANCY RATE**



# **VACANCY BY BEDROOM**







In October 2019, California passed a state-wide rent cap. It joined Oregon and New York, which passed similar restrictions in 2019. It places a cap on raising rents above 5% plus inflation for buildings older than 15 years old. Since the recession, annual rent growth in San Diego peaked in 15Q3, the only trailing 12 months to record annual growth of 7%, which is largely in line with the rent cap.

Since the recession, half of submarkets in San Diego have posted annual rent growth above 7%. Most peaked during 15Q3, with La Jolla/UTC topping out above 13% annual growth. That run up has since dissipated, and no submarket has neared that level for more than three years.

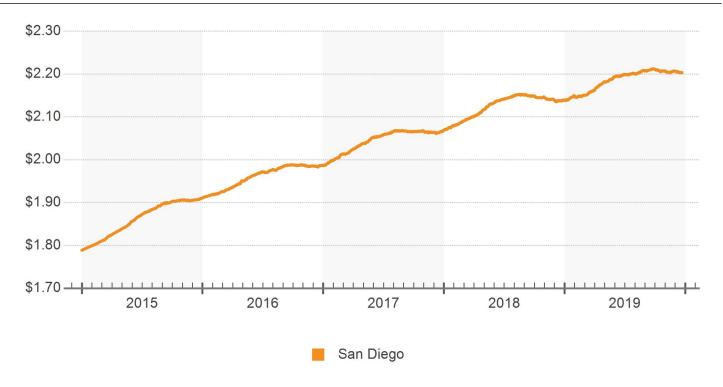
After quarterly rent growth surged in 19Q2 above 2%, seasonality crept in during 19Q3, and rent growth pulled back notably. It was in line with rent growth during the previous 18Q3 and 17Q3. Rent levels largely reached their zenith for the year in September, and rents are

expected to fall during 19Q4, as they have in each of the past three fourth quarters.

Annual rent growth pulled back below the long-term average in 2019. On account of record-high rent levels that exceeded \$1850/month on average during 19Q3, and thus concerns over affordability, annual rent growth is expected to fall short of the historical benchmark through the majority of the forecast.

Concessions are offered primarily in new deliveries and do not generally provide an outlet for savings in lower-tiered and older communities. Concessions are heaviest in the Downtown Submarket, where some apartments offer up to eight weeks free and no parking fees, often on leases for 13 to 15 months. At K1, eight weeks of free rent are offered on new 15-month leases, while Spire offers similar incentives. They are also picking up in Mission Valley, where it is no longer uncommon for six weeks of free rent to be offered.

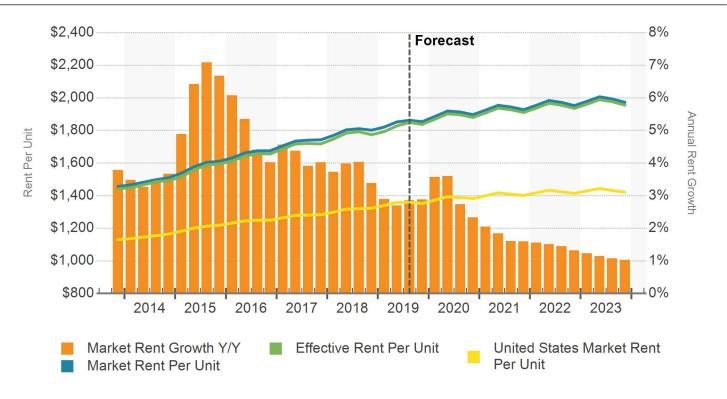
### **DAILY ASKING RENT PER SF**



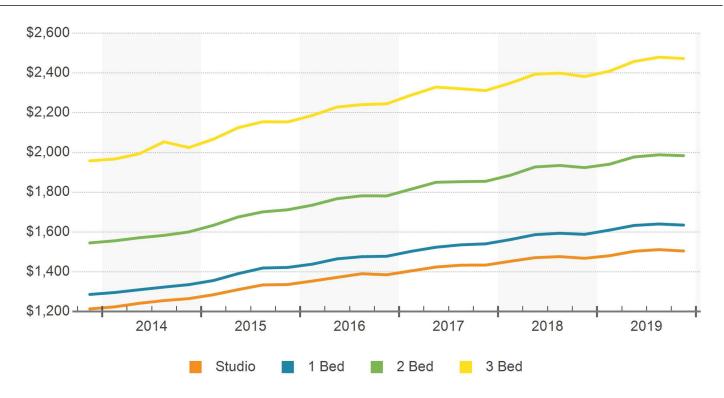




# **MARKET RENT PER UNIT & RENT GROWTH**



# MARKET RENT PER UNIT BY BEDROOM







# 4 & 5 STAR EXPENSES PER SF (ANNUAL)

				Operating	Expenses				Capi	tal Expenditu	ires	
Market / Cluster	Mgmt.	Admin.	Payroll	Water	Utilities	Maint.	Insurance	Taxes	Appliance	Structural	Other	Total
San Diego	\$0.85	\$0.80	\$0.85	\$0.84	\$1.28	\$1.74	\$0.37	\$1.60	\$0.12	\$0.16	\$0.72	\$9.33
Balboa Park	\$0.81	\$0.70	\$0.80	\$0.90	\$1.30	\$1.72	\$0.35	\$1.64	\$0.11	\$0.13	\$0.57	\$9.03
Chula Vista/Imperial	\$0.81	\$0.83	\$0.80	\$0.90	\$1.30	\$1.72	\$0.35	\$1.64	\$0.15	\$0.13	\$0.57	\$9.20
Coronado/Point Loma	\$0.85	\$0.53	\$0.69	\$0.65	\$1.14	\$2.50	\$0.46	\$1.43	\$0.13	\$0.09	\$0.35	\$8.82
Downtown San Diego	\$0.81	\$0.70	\$0.80	\$0.90	\$1.30	\$1.72	\$0.35	\$1.64	\$0.11	\$0.13	\$0.57	\$9.03
East San Diego/El	\$0.81	\$1.22	\$0.80	\$0.98	\$1.45	\$1.72	\$0.35	\$1.64	\$0.11	\$0.27	\$1.73	\$11.08
La Jolla/UTC	\$0.82	\$0.62	\$0.68	\$0.66	\$1.14	\$2.30	\$0.50	\$1.58	\$0.12	\$0.09	\$0.35	\$8.86
Mission Valley/Nort	\$0.84	\$0.50	\$0.70	\$0.68	\$1.18	\$2.58	\$0.47	\$1.25	\$0.13	\$0.12	\$0.50	\$8.95
National City/South	\$0.81	\$0.73	\$0.80	\$0.90	\$1.30	\$1.72	\$0.35	\$1.64	\$0.14	\$0.13	\$0.57	\$9.09
North County	\$0.77	\$0.55	\$0.64	\$0.74	\$1.10	\$1.27	\$0.31	\$1.66	\$0.14	\$0.13	\$0.57	\$7.88
North I-15 Corridor	\$1.19	\$1.29	\$1.52	\$1.11	\$1.50	\$1.05	\$0.29	\$1.77	\$0.08	\$0.27	\$1.16	\$11.23
North Shore Cities	\$0.75	\$0.55	\$0.58	\$0.73	\$1.10	\$1.31	\$0.31	\$1.65	\$0.14	\$0.13	\$0.57	\$7.82
South I-15 Corridor	\$0.86	\$1.16	\$1.11	\$0.82	\$1.37	\$1.24	\$0.34	\$1.89	\$0.08	\$0.26	\$0.89	\$10.02

Expenses are estimated using NCREIF, IREM, and CoStar data using the narrowest possible geographical definition from Zip Code to region.

# 3 STAR EXPENSES PER SF (ANNUAL)

				Operating	g Expenses				Capi	tal Expenditu	ıres	
Market / Cluster	Mgmt.	Admin.	Payroll	Water	Utilities	Maint.	Insurance	Taxes	Appliance	Structural	Other	Total
San Diego	\$0.73	\$0.66	\$0.77	\$0.82	\$1.22	\$1.21	\$0.24	\$1.39	\$0.12	\$0.17	\$0.77	\$8.10
Balboa Park	\$0.75	\$0.63	\$0.75	\$0.83	\$1.24	\$1.30	\$0.26	\$1.37	\$0.11	\$0.13	\$0.58	\$7.95
Chula Vista/Imperial	\$0.74	\$0.65	\$0.76	\$0.86	\$1.24	\$1.32	\$0.26	\$1.39	\$0.14	\$0.12	\$0.54	\$8.02
Coronado/Point Loma	\$0.80	\$0.51	\$0.66	\$0.63	\$1.10	\$1.51	\$0.40	\$1.30	\$0.12	\$0.09	\$0.34	\$7.46
Downtown San Diego	\$0.74	\$0.63	\$0.76	\$0.84	\$1.24	\$1.31	\$0.25	\$1.39	\$0.11	\$0.12	\$0.54	\$7.93
East San Diego/El	\$0.73	\$1.01	\$0.76	\$0.98	\$1.39	\$1.03	\$0.13	\$1.38	\$0.10	\$0.30	\$1.51	\$9.32
La Jolla/UTC	\$0.61	\$0.48	\$0.65	\$0.60	\$1.10	\$1.40	\$0.48	\$1.29	\$0.11	\$0.09	\$0.33	\$7.14
Mission Valley/Nort	\$0.81	\$0.39	\$0.65	\$0.60	\$1.09	\$1.42	\$0.40	\$1.14	\$0.12	\$0.09	\$0.33	\$7.04
National City/South	\$0.74	\$0.64	\$0.76	\$0.86	\$1.24	\$1.30	\$0.25	\$1.38	\$0.13	\$0.12	\$0.54	\$7.96
North County	\$0.71	\$0.52	\$0.61	\$0.70	\$1.04	\$1.16	\$0.15	\$1.55	\$0.13	\$0.12	\$0.54	\$7.23
North I-15 Corridor	\$0.63	\$0.40	\$1.42	\$0.83	\$1.19	\$0.89	\$0.19	\$1.40	\$0.08	\$0.25	\$1.11	\$8.39
North Shore Cities	\$0.68	\$0.52	\$0.55	\$0.69	\$1.05	\$1.22	\$0.18	\$1.54	\$0.13	\$0.12	\$0.54	\$7.22
Outlying San Diego	\$0.74	\$1.00	\$0.76	\$1.00	\$1.41	\$0.97	\$0.13	\$1.35	\$0.10	\$0.34	\$1.61	\$9.41
Poway/Santee/Ram	\$0.77	\$1.01	\$0.76	\$1.05	\$1.45	\$1.00	\$0.15	\$1.39	\$0.10	\$0.37	\$1.65	\$9.70
South I-15 Corridor	\$0.80	\$0.71	\$1.13	\$0.80	\$1.33	\$1.03	\$0.23	\$1.54	\$0.08	\$0.25	\$0.90	\$8.80

Expenses are estimated using NCREIF, IREM, and CoStar data using the narrowest possible geographical definition from Zip Code to region.



# 1 & 2 STAR EXPENSES PER SF (ANNUAL)

				Operating	Expenses				Capi	tal Expenditu	ires	
Market / Cluster	Mgmt.	Admin.	Payroll	Water	Utilities	Maint.	Insurance	Taxes	Appliance	Structural	Other	Total
San Diego	\$0.65	\$0.47	\$0.72	\$0.65	\$1.07	\$0.99	\$0.20	\$0.99	\$0.10	\$0.13	\$0.62	\$6.59
Balboa Park	\$0.70	\$0.48	\$0.71	\$0.56	\$1.20	\$1.11	\$0.24	\$1.15	\$0.10	\$0.11	\$0.51	\$6.87
Chula Vista/Imperial	\$0.67	\$0.61	\$0.72	\$0.80	\$1.12	\$1.23	\$0.24	\$0.80	\$0.13	\$0.11	\$0.51	\$6.94
Coronado/Point Loma	\$0.70	\$0.52	\$0.62	\$0.59	\$1.09	\$0.96	\$0.26	\$1.16	\$0.11	\$0.09	\$0.33	\$6.43
Downtown San Diego	\$0.71	\$0.51	\$0.72	\$0.58	\$1.22	\$1.15	\$0.24	\$1.17	\$0.10	\$0.11	\$0.51	\$7.02
East San Diego/El	\$0.69	\$0.42	\$0.72	\$0.62	\$1.00	\$0.83	\$0.11	\$0.78	\$0.09	\$0.14	\$0.92	\$6.32
La Jolla/UTC	\$0.59	\$0.43	\$0.62	\$0.56	\$1.05	\$0.88	\$0.26	\$1.07	\$0.10	\$0.08	\$0.32	\$5.96
Mission Valley/Nort	\$0.70	\$0.36	\$0.62	\$0.57	\$1.06	\$0.90	\$0.26	\$1.10	\$0.12	\$0.08	\$0.32	\$6.09
National City/South	\$0.71	\$0.57	\$0.72	\$0.71	\$1.18	\$1.21	\$0.24	\$0.86	\$0.11	\$0.11	\$0.51	\$6.93
North County	\$0.50	\$0.48	\$0.60	\$0.64	\$1.01	\$1.01	\$0.14	\$1.25	\$0.12	\$0.12	\$0.55	\$6.42
North I-15 Corridor	\$0.51	\$0.29	\$1.20	\$0.73	\$0.92	\$0.69	\$0.17	\$1.06	\$0.07	\$0.24	\$1.05	\$6.93
North Shore Cities	\$0.50	\$0.49	\$0.54	\$0.63	\$1.03	\$1.04	\$0.16	\$1.28	\$0.12	\$0.11	\$0.49	\$6.39
Outlying San Diego	\$0.71	\$0.42	\$0.72	\$0.64	\$1.02	\$0.72	\$0.12	\$0.73	\$0.09	\$0.17	\$0.98	\$6.32
Poway/Santee/Ram	\$0.73	\$0.42	\$0.72	\$0.64	\$1.00	\$0.74	\$0.15	\$0.74	\$0.09	\$0.16	\$0.99	\$6.38
South I-15 Corridor	\$0.53	\$0.30	\$0.94	\$0.65	\$0.92	\$0.72	\$0.18	\$1.25	\$0.08	\$0.23	\$0.80	\$6.60

Expenses are estimated using NCREIF, IREM, and CoStar data using the narrowest possible geographical definition from Zip Code to region.



Even with widespread concern about undersupply in San Diego, a concern shared across many cities in California, there has been no noticeable uptick in housing permits across the county. The level of single-family and multifamily permits topped out at about 10,000 annually, well short of the 15,000 units that the county needs to have built annually. The first half of 2019 recorded the fewest construction starts since the beginning of the post-recession period. When Town and Country broke ground during 19Q3 in Mission Valley, it surpassed the first half's total starts by itself and brought the submarket's pipeline up to 7% of inventory.

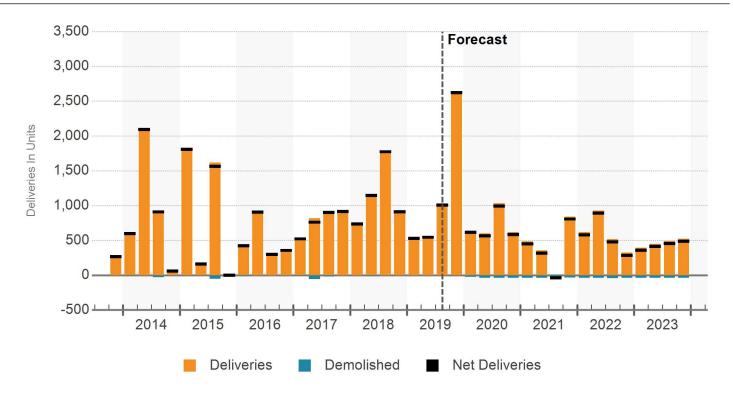
The Downtown Submarket is in the midst of a sustained development wave, with thousands of units under construction and in the pipeline, and it has added some pressure to Downtown's fundamentals, as evidenced by the sky-high vacancy rate that is expected to dip below 10% only momentarily during the forecast. A significant portion of the metro's supply pipeline resides here, nearly 35% of the metro's current under-construction inventory. And Downtown accounted for an equal share of the metro's new supply in the trailing 12 months, including the Richman Group's 222-unit K1 that delivered in 19Q3

and Pinnacle's Spire San Diego in 19Q4.

Several master plans are currently under review or have recently been updated with the intention of adding more density. The Midway District's update increases housing by upwards of 10,000 units. Other areas include the Morena Corridor, the Balboa Avenue Station Area in Pacific Beach, Linda Vista, Old Town, Mission Valley, and Kearny Mesa, to name a few. Mission Valley's, alone, adds more than 28,000 housing units.

An often exhaustive entitlement process (entitling a property for higher densities can often drag on for years, and permitting fees can run upwards of 40% of the development cost), neighborhood opposition to increased density, and the generally high cost of development are all barriers to outsized growth. With these added costs, workforce housing becomes extremely difficult to pencil out, which is why more than 90% of post-recession stock has consisted of luxury units. And finally, developers note the lack of labor for projects as being especially challenging, especially near border control stations.

### **DELIVERIES & DEMOLITIONS**





Properties Units Percent of Inventory Avg. No. Units

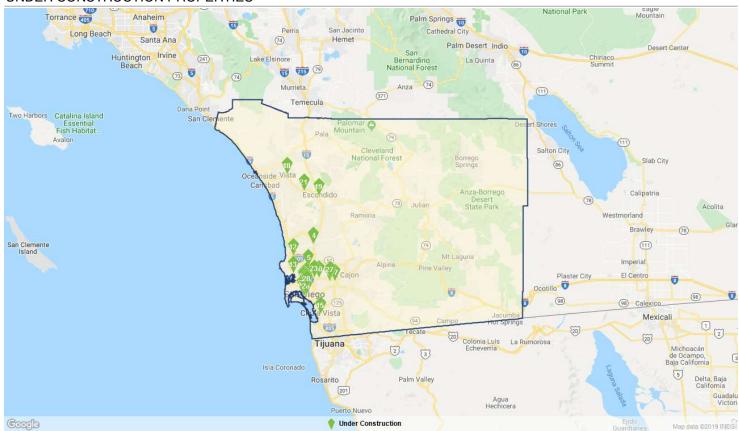
41

6,928

2.6%

169

# **UNDER CONSTRUCTION PROPERTIES**



# **UNDER CONSTRUCTION**

Pro	perty Name/Address	Rating	Units	Stories	Start	Complete	Developer/Owner
1	<b>Town and Country - Resi</b> 500 Hotel Cir N	****	840	-	Jul-2019	Oct-2021	Holland Partner Group  Lowe Enterprises Investment Ma
2	Broadway Block 702 Broadway	****	620	41	Aug-2018	Oct-2020	Bosa Development Bosa Development
3	11th & Broadway 909 11th Ave	****	618	32	Oct-2018	Oct-2021	Pinnacle International Pinnacle International Group
4	Casa Mira View - Phase III 9800 Mira Lee Way	****	600	5	Mar-2015	Mar-2020	Garden Communities California Garden Homes
5	Vive Lux 8620 Spectrum Rd	****	442	7	Aug-2019	Oct-2021	Sunroad Holding Corporation Sunroad Holding Corporation
6	Purl 7901 Civita Blvd	****	435	5	Jan-2019	Aug-2020	Sudberry Properties, Inc. Sudberry Properties, Inc.
7	Park + Market 601 11th Ave	****	426	34	Jan-2018	Jul-2020	Holland Partner Group Brookfield Residential Oliver Mc

# **UNDER CONSTRUCTION**

Pro	perty Name/Address	Rating	Units	Stories	Start	Complete	Developer/Owner
8	Modera Apartments 241 14th St	****	368	7	Nov-2018	Nov-2021	Mill Creek Residential Trust, LLC Platt Management, Inc.
9	Alexan Gallerie 375 Camino De La Reina	****	284	7	Oct-2019	Oct-2021	Trammell Crow Residential Comp Crow Holdings
10	Gravity Apartments 4750 Mission Gorge PI	****	250	5	Dec-2018	Jan-2021	Fairfield Residential Mission Valley Church of the Naz
11	<b>625 Broadway</b> 625 Broadway	****	231	14	Jan-2017	Mar-2020	Hammer Ventures Hammer Ventures
12	LUX UTC - Tower B 4200 Brooke Ct	****	225	-	Dec-2019	Jun-2021	Garden Homes Garden Homes
13	Jefferson Pacific Beach 4275 Mission Bay Dr	****	172	3	Jan-2018	Jan-2020	JPI/TDI JPI/TDI
14	4th & J 372 4th Ave	****	168	6	Dec-2017	Feb-2020	Legacy Partners Residential Legacy Partners
15	<b>Urbana</b> 361-393 H St	****	135	5	Jun-2018	Mar-2020	MountainWest Real Estate MountainWest Real Estate
16	Camden Hillcrest 4311 3rd Ave	****	132	4	Sep-2019	Apr-2021	Camden Property Trust Camden Property Trust
17	Little Flower Haven 8585 La Mesa Blvd	****	130	3	Oct-2019	Mar-2021	Silvergate Development, LLC Blum & Co Inc
18	100 Main St	****	126	5	Apr-2018	Jul-2020	StreetLights Residential StreetLights Residential
19	Gateway Grand 700 W Grand Ave	****	126	5	Oct-2018	Feb-2020	Lyon Living City of Escondido
20	Cielo 915 W Grape St	****	70	8	Aug-2018	Jan-2020	Ibex Limited Ibex Limited
21	Block C - Phase II 310 Campus Way	****	65	4	Aug-2018	Jan-2020	Sea Breeze Properties Sea Breeze Properties
22	Foley Financial Center 2131 3rd Ave	****	56	-	Jan-2018	Jan-2020	Foley Enterprises, Inc. Foley Enterprises, Inc.
23	The Harlow 10222 San Diego Mission	****	48	2	Dec-2018	Jun-2020	- ColRich
24	7353 El Cajon Blvd	****	45	3	Jul-2019	Aug-2020	Euston Management Corporation Euston Management Corporation
25	1445 Washington St	****	40	4	Oct-2018	Jan-2020	- Mitchell A Keeler
26	The Leo 715 15th St	****	28	6	Jun-2018	Feb-2020	Canvas Ventures Joshua Lichtman & Robert Morgan
27	Villea at Lake Murray 5565 Lake Murray Blvd	****	27	3	Jun-2018	Jan-2020	SENTRE, Inc. First Republic Bank
28	Indiana Street Apartments 3525-3549 Indiana St	****	24	3	Jul-2017	Jan-2020	Wright Real Estate Project Mana Indiana St Apartments 1 LLC



San Diego continues to be a target for deep-pocketed investors, although local parties are most active here, and both investment classes often target value-add opportunities. Only about 15% of investment originated from institutional, private equity, or REIT concerns this year. The cycle average is closer to 20%. Market cap rates sit at 4.5%, and market pricing exceeded \$315,000/unit in 19Q4 after rising 6% in the past 12 months.

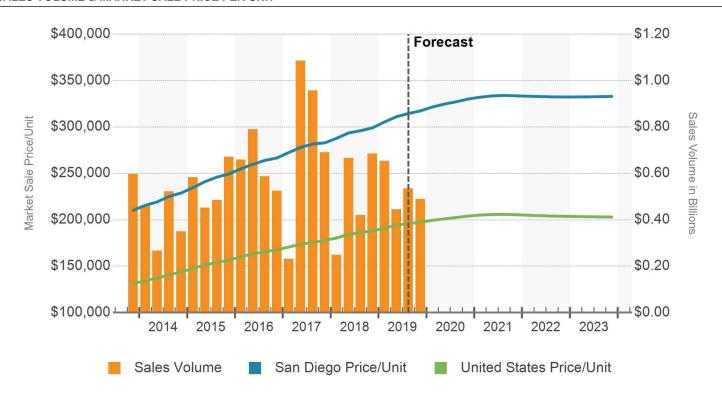
One of Chula Vista's newest communities sold in October 2019 for \$131 million (\$423,948/unit). Barings, a subsidiary of MassMutual, purchased Alexan Millenia from a partnership between Trammell Crow Residential and Diamond Realty Investments. It is located in a master-planned community and delivered in 2018 with 309 units.

Although few properties sell in La Jolla, when one becomes available, investors will jump at the opportunity

to enter the market. In February 2019, La Salle Investment Management sold the 333-unit Regents La Jolla to Raintree Partners for \$141.5 million (\$424,924/unit). The reported cap rate was 4.6%. The seller had begun a renovation program of the unit interiors, which Raintree intended to continue. The 4 Star community last sold in 2007 for \$106.4 million.

San Diego's largest landlord branched out even further into Mission Valley this year with a few new communities. R&V Management acquired the 2018-vintage Millennium Mission Valley along with some retail space for \$140 million in February. That 305-unit Dinerstein project included a retail component. Then, in 19Q2, it purchased another new community, Hanover Mission Gorge, from The Hanover Company. That 374-unit 2018 delivery sold for almost \$150 million. That brings R&V Management's San Diego portfolio to more than 11,500 units. The property was rebranded as Vora Mission Gorge.

### SALES VOLUME & MARKET SALE PRICE PER UNIT





Sale Comparables

Avg. Price/Unit (thous.)

Average Price (mil.)

**Average Vacancy at Sale** 

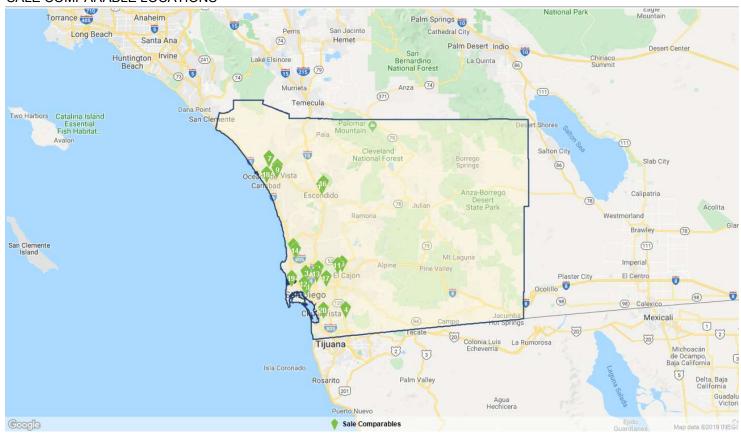
562

\$286

\$6.1

6.1%

# SALE COMPARABLE LOCATIONS



# SALE COMPARABLES SUMMARY STATISTICS

Sales Attributes	Low	Average	Median	High
Sale Price	\$393,000	\$6,100,172	\$2,495,000	\$149,000,000
Price Per Unit	\$24,562	\$285,651	\$237,500	\$1,400,000
Cap Rate	1.9%	4.5%	4.6%	8.7%
Vacancy Rate at Sale	0%	6.1%	0%	80.0%
Time Since Sale in Months	0.1	6.0	5.8	11.9
Property Attributes	Low	Average	Median	High
Property Size in Units	5	20	8	504
Number of Floors	1	2	2	23
Average Unit SF	0	738	740	2,695
Year Built	1884	1967	1969	2019
Star Rating	****	<b>★</b> ★ ★ ★ 2.1	****	****



# RECENT SIGNIFICANT SALES

		Pro	perty Infor	mation			Sale Informa	tion	
Prop	erty Name/Address	Rating	Yr Built	Units	Vacancy	Sale Date	Price	Price/Unit	Price/SF
•	Vora Mission Gorge 4440 Twain Ave	****	2018	374	15.8%	4/30/2019	\$149,000,000	\$398,395	\$338
2	Regents La Jolla 9253 Regents Rd	****	1999	333	5.7%	2/12/2019	\$141,500,000	\$424,924	\$428
3	Millennium Mission Valley 5080 Camino Del Arroyo	****	2018	305	29.8%	2/28/2019	\$140,000,000	\$459,016	\$560
4	Alexan Millenia 1660 Metro Ave	****	2018	309	5.8%	10/1/2019	\$131,000,000	\$423,948	\$437
5	Forest Park 1250 Petree St	****	1974	338	4.4%	9/5/2019	\$88,000,000	\$260,355	\$347
6	Sunterra Apartments 3851 Sherbourne Dr	****	1974	240	5.0%	8/23/2019	\$66,250,000	\$276,041	\$303
•	The Dylan 550 Los Arbolitos Blvd	****	1973	208	9.7%	1/31/2019	\$57,143,182	\$274,726	\$288
8	Entrada 453 13th St	****	2004	172	1.7%	1/31/2019	\$46,600,000	\$270,930	\$535
9	Vue Oceanside 3675 Barnard Dr	****	1975	136	11.8%	11/26/2019	\$41,000,000	\$301,470	\$327
10	Strata 945-969 Market St	****	2009	163	8.6%	11/25/2019	\$38,204,300	\$234,382	\$273
•	Colonnade at Fletcher Hills 2950 Fletcher Pky	****	1973	138	8.0%	9/5/2019	\$38,000,000	\$275,362	\$316
12	Current 1551 Union St	****	2008	144	2.1%	11/25/2019	\$34,924,792	\$242,533	\$388
13	4142 Adams Ave	****	2014	34	0%	2/11/2019	\$22,650,000	\$666,176	\$484
14	Elan Terraza 5165 Luigi Ter	****	1980	61	8.2%	11/21/2019	\$22,016,500	\$360,926	\$425
15	City Plaza 300-328 S Escondido Blvd	****	2018	55	0%	8/12/2019	\$19,750,000	\$359,090	\$239
16	Savenna Apartments 902 E Washington Ave	****	1971	98	5.1%	2/6/2019	\$19,500,000	\$198,979	\$268
•	Willow Glen Apartments 3635 College Ave	****	1961	98	5.1%	2/13/2019	\$17,900,000	\$182,653	\$304
18	Park Place Apartments 2605 Jefferson St	****	1987	44	16.3%	1/4/2019	\$17,650,000	\$401,136	\$410
19	The View 3788 Elliott St	****	1966	34	17.7%	4/5/2019	\$16,350,000	\$480,882	\$433
20	Vista Pacific Apartments 1035 4th Ave	****	1981	55	3.6%	5/30/2019	\$14,200,000	\$258,181	\$283



San Diego's economy is doing well by most measures. More than 80 research institutes are located in San Diego, from Scripps Research Institute to Salk Institute for Biological Studies, in addition to five universities. This cluster of research in the Golden Triangle has created one of the strongest life science cores in the United States.

San Diego is also home to more than 143,000 active duty and civilian military employees. And the defense industry accounts for 22% of jobs in San Diego. The military ecosystem provides economic benefits to the region unmatched by any other sector and supports cutting edge innovation. It also contributes about 20% to the gross regional product.

It is also why San Diego has one of the largest concentrations of millennials in the country, accounting for 27% of the population.

In the past 12 months, San Diego added 30,200 net nonfarm jobs. That is an increase of 2.0% since last October. Employment grew by 7,100 in Professional and Business Services, one of the largest sector gains in the past year. More specifically, 5,400 jobs were added in the Professional, Scientific, & Technical Services sector. Trade, Transportation and Utilities recorded the largest year-over-year drop, shedding 2,200 jobs. That brought the unemployment rate up to 2.8% in October, largely in line with September's 2.7% rate.

Although the office market is performing well, a number

of residents are falling behind. The cost of living and lack of affordable housing in San Diego has led to slowing population growth. It is now almost half the rate of what it was earlier this cycle. Data indicates that residents are moving to more cost-friendly areas, including Inland Empire, Phoenix, Las Vegas and Texas.

The tech economy in San Diego contributes almost \$30 billion annually to the local economy, which is almost 15% of San Diego's GDP, and employs 140,000 people according to the San Diego Regional Economic Development Corp. Those jobs pay an average of \$132,000 compared with an average of \$63,000 for jobs in the rest of the economy. Furthermore, Scripps Health has five campuses across the metro and announced that it is spending \$2.6 billion on upgrades to its facilities, further bolstering San Diego as a destination for "medical tourism." The port, as well, supports more than 40,000 jobs in San Diego and drives more than \$8 billion in economic activity.

Major San Diego defense contractors are one of the metro's economic pillars. In fact, Northrop Grumman has designated San Diego as one of its five "centers of excellence," focusing on unmanned systems. The metro should be able to avoid major defense cuts because it specializes in the future of military spending: unmanned drones and cybersecurity. And the Navy's renewed focus on the Pacific theater of operation will result in a 60/40 split between the Pacific and Atlantic fleets, further solidifying San Diego's status as a major Navy hub.

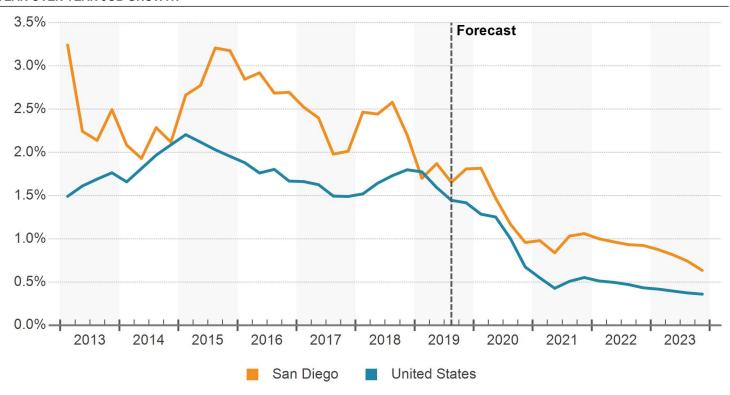


# SAN DIEGO EMPLOYMENT BY INDUSTRY IN THOUSANDS

	Currer	nt Jobs	Current	Growth	10 Yr H	istorical	5 Yr Forecast	
NAICS Industry	Jobs	LQ	Market	US	Market	US	Market	US
Manufacturing	117	0.9	2.17%	0.88%	2.11%	1.14%	0.29%	-0.25%
Trade, Transportation and Utilities	224	0.8	-0.01%	0.58%	1.23%	1.31%	1.04%	0.32%
Retail Trade	147	0.9	-0.17%	-0.18%	1.23%	0.94%	1.18%	0.24%
Financial Activities	77	0.9	0.24%	1.20%	1.03%	1.18%	0.05%	0.31%
Government	250	1.1	1.50%	0.62%	1.18%	0.05%	0.82%	0.66%
Natural Resources, Mining and Construction	88	1.1	3.34%	2.25%	4.07%	2.71%	0.94%	0.26%
Education and Health Services	219	0.9	2.78%	2.43%	2.92%	2.14%	1.16%	0.62%
Professional and Business Services	260	1.2	3.09%	2.00%	2.50%	2.73%	0.82%	0.87%
Information	24	0.8	-0.10%	0.29%	-1.17%	0.30%	1.19%	0.47%
Leisure and Hospitality	207	1.2	1.43%	1.96%	3.14%	2.62%	1.00%	0.60%
Other Services	58	1.0	1.94%	1.59%	2.07%	1.13%	-0.11%	0.22%
Total Employment	1,523	1.0	1.80%	1.42%	2.10%	1.58%	0.83%	0.48%

Source: Oxford Economics LQ = Location Quotient

# YEAR OVER YEAR JOB GROWTH



Source: Oxford Economics

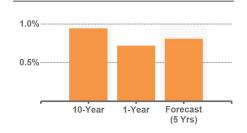


# **DEMOGRAPHIC TRENDS**

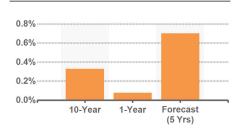
	Current Level		Current	Change	10-Year	Change	Forecast Change (5 Yrs)	
Demographic Category	Metro	U.S.	Metro	U.S.	Metro	U.S.	Metro	U.S.
Population	3,375,549	330,025,313	0.7%	0.7%	0.9%	0.7%	0.8%	0.7%
Households	1,139,987	121,473,258	0.6%	0.5%	0.9%	0.6%	0.7%	0.6%
Median Household Income	\$83,407	\$65,674	4.3%	4.0%	3.3%	2.7%	4.4%	4.2%
Labor Force	1,608,388	163,878,453	0.1%	0.6%	0.3%	0.6%	0.7%	0.5%
Unemployment	3.3%	3.7%	0.1%	-0.1%	-0.7%	-0.6%	-	-

Source: Oxford Economics

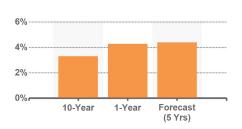
# **POPULATION GROWTH**



# **LABOR FORCE GROWTH**



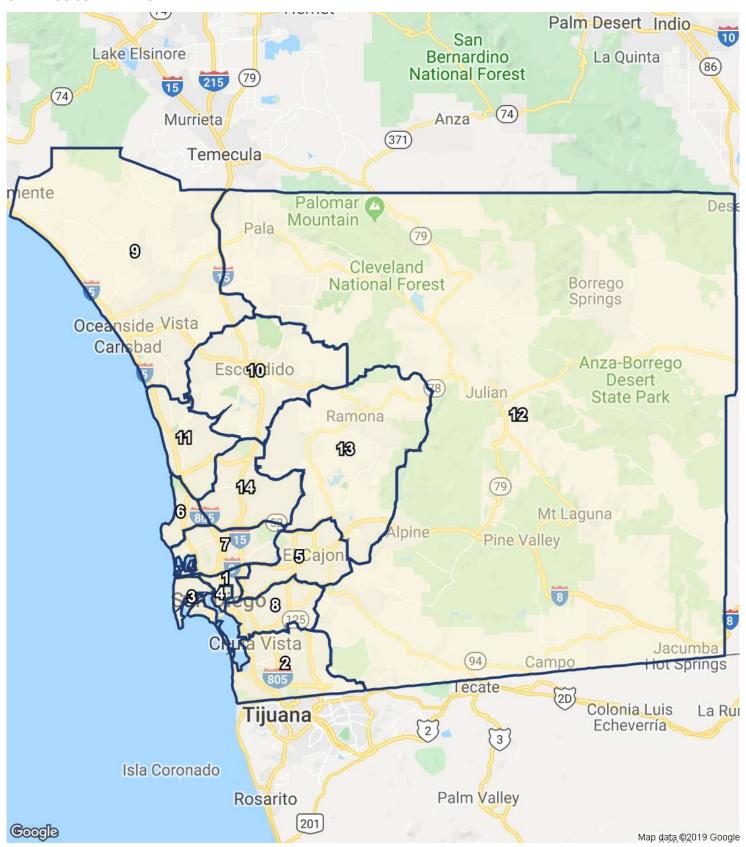
# **INCOME GROWTH**



Source: Oxford Economics



### SAN DIEGO SUBMARKETS







# SUBMARKET INVENTORY

			Invento		12 Month [	Deliveries			Under Cor	struction			
No.	Submarket	Bldgs	Units	% Market	Rank	Bldgs	Units	Percent	Rank	Bldgs	Units	Percent	Rank
1	Balboa Park	2,943	29,221	11.1%	4	8	395	1.4%	3	9	331	1.1%	4
2	Chula Vista/Imperial Beach	826	28,562	10.9%	5	2	351	1.2%	5	1	135	0.5%	9
3	Coronado/Point Loma	667	8,958	3.4%	11	2	19	0.2%	12	1	24	0.3%	10
4	Downtown San Diego	141	11,457	4.4%	9	8	1,216	10.6%	1	9	2,547	22.2%	1
5	East San Diego/El Cajon	2,259	45,150	17.2%	1	3	30	0.1%	11	4	230	0.5%	6
6	La Jolla/UTC	159	12,448	4.7%	8	2	310	2.5%	6	3	246	2.0%	5
7	Mission Valley/North Cen	1,092	35,335	13.5%	2	2	386	1.1%	4	7	2,471	7.0%	2
8	National City/South Central	855	15,312	5.8%	7	3	184	1.2%	9	1	15	0.1%	11
9	North County	878	31,700	12.1%	3	5	220	0.7%	8	2	153	0.5%	8
10	North I-15 Corridor	375	18,750	7.1%	6	2	239	1.3%	7	3	203	1.1%	7
11	North Shore Cities	175	8,411	3.2%	12	1	608	7.2%	2	0	0	0%	-
12	Outlying San Diego County	24	1,161	0.4%	14	0	0	0%	-	0	0	0%	-
13	Poway/Santee/Ramona	111	5,111	1.9%	13	1	32	0.6%	10	0	0	0%	-
14	South I-15 Corridor	62	11,117	4.2%	10	0	0	0%	-	1	600	5.4%	3

# SUBMARKET RENT

			Asking I	Rents				Effecti	ve Rents		
No.	Submarket	Per Unit	Per SF	Rank	Yr. Growth	Per Unit	Per SF	Rank	Yr. Growth	Concession	Rank
1	Balboa Park	\$1,474	\$2.16	7	0.8%	\$1,465	\$2.15	7	0.9%	0.6%	10
2	Chula Vista/Imperial Beach	\$1,703	\$1.97	10	3.8%	\$1,694	\$1.96	10	4.5%	0.5%	12
3	Coronado/Point Loma	\$1,933	\$2.57	4	5.4%	\$1,917	\$2.55	4	6.8%	0.8%	7
4	Downtown San Diego	\$2,495	\$3.12	1	2.2%	\$2,418	\$3.03	1	2.6%	3.1%	2
5	East San Diego/El Cajon	\$1,492	\$1.88	11	2.8%	\$1,484	\$1.87	11	3.1%	0.5%	11
6	La Jolla/UTC	\$2,500	\$2.63	3	3.6%	\$2,474	\$2.60	3	4.4%	1.0%	4
7	Mission Valley/North Cen	\$2,054	\$2.40	5	2.5%	\$2,036	\$2.38	5	3.6%	0.9%	6
8	National City/South Central	\$1,407	\$1.82	13	3.7%	\$1,394	\$1.80	13	3.6%	0.9%	5
9	North County	\$1,830	\$2.10	8	3.0%	\$1,817	\$2.09	8	3.5%	0.7%	8
10	North I-15 Corridor	\$1,808	\$2.05	9	4.0%	\$1,797	\$2.04	9	5.0%	0.6%	9
11	North Shore Cities	\$2,628	\$2.66	2	3.3%	\$2,617	\$2.65	2	4.4%	0.4%	14
12	Outlying San Diego County	\$1,547	\$1.80	14	4.9%	\$1,500	\$1.74	14	5.7%	3.1%	1
13	Poway/Santee/Ramona	\$1,602	\$1.85	12	3.8%	\$1,595	\$1.84	12	4.1%	0.5%	13
14	South I-15 Corridor	\$2,143	\$2.31	6	3.4%	\$2,108	\$2.27	6	3.1%	1.6%	3



# SUBMARKET VACANCY & ABSORPTION

			Vacancy			12 Month Absorption						
No.	Submarket	Units	Percent	Rank	Units	% of Inv	Rank	Construct. Ratio				
1	Balboa Park	1,106	3.8%	3	276	0.9%	4	1.4				
2	Chula Vista/Imperial Beach	1,458	5.1%	9	182	0.6%	7	1.9				
3	Coronado/Point Loma	536	6.0%	12	(103)	-1.2%	14	-				
4	Downtown San Diego	1,515	13.2%	14	1,258	11.0%	1	0.9				
5	East San Diego/El Cajon	1,758	3.9%	4	(20)	0%	13	-				
6	La Jolla/UTC	583	4.7%	6	274	2.2%	5	1.1				
7	Mission Valley/North Cen	1,916	5.4%	10	264	0.7%	6	1.4				
8	National City/South Central	555	3.6%	1	86	0.6%	9	2.1				
9	North County	1,488	4.7%	7	402	1.3%	2	0.5				
10	North I-15 Corridor	938	5.0%	8	100	0.5%	8	2.4				
11	North Shore Cities	886	10.5%	13	280	3.3%	3	2.2				
12	Outlying San Diego County	70	6.0%	11	(10)	-0.9%	12	-				
13	Poway/Santee/Ramona	219	4.3%	5	9	0.2%	11	3.4				
14	South I-15 Corridor	417	3.7%	2	42	0.4%	10	-				



# **OVERALL SUPPLY & DEMAND**

		Inventory			Absorption	
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio
2023	271,862	1,706	0.6%	1,577	0.6%	1.1
2022	270,156	2,230	0.8%	1,788	0.7%	1.2
2021	267,926	1,534	0.6%	921	0.3%	1.7
2020	266,392	2,758	1.0%	2,290	0.9%	1.2
2019	263,634	4,849	1.9%	3,395	1.3%	1.4
YTD	262,693	3,908	1.5%	3,005	1.1%	1.3
2018	258,785	4,560	1.8%	3,523	1.4%	1.3
2017	254,225	3,093	1.2%	2,019	0.8%	1.5
2016	251,132	1,981	0.8%	2,368	0.9%	0.8
2015	249,151	3,532	1.4%	4,321	1.7%	0.8
2014	245,619	3,653	1.5%	1,973	0.8%	1.9
2013	241,966	1,219	0.5%	2,070	0.9%	0.6
2012	240,747	1,734	0.7%	2,760	1.1%	0.6
2011	239,013	2,204	0.9%	2,447	1.0%	0.9
2010	236,809	515	0.2%	1,172	0.5%	0.4
2009	236,294	1,805	0.8%	2	0%	902.5
2008	234,489	474	0.2%	(1,023)	-0.4%	-
2007	234,015	1,153	0.5%	1,293	0.6%	0.9

# **4 & 5 STAR SUPPLY & DEMAND**

		Inventory			Absorption					
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio				
2023	58,312	1,863	3.3%	2,191	3.8%	0.9				
2022	56,449	2,389	4.4%	2,442	4.3%	1.0				
2021	54,060	1,525	2.9%	1,596	3.0%	1.0				
2020	52,535	2,593	5.2%	2,735	5.2%	0.9				
2019	49,942	4,295	9.4%	3,692	7.4%	1.2				
YTD	48,818	3,171	6.9%	2,934	6.0%	1.1				
2018	45,647	4,125	9.9%	2,962	6.5%	1.4				
2017	41,522	2,932	7.6%	2,243	5.4%	1.3				
2016	38,590	1,534	4.1%	2,509	6.5%	0.6				
2015	37,056	3,559	10.6%	3,950	10.7%	0.9				
2014	33,497	3,594	12.0%	1,532	4.6%	2.3				
2013	29,903	1,446	5.1%	1,135	3.8%	1.3				
2012	28,457	1,202	4.4%	1,334	4.7%	0.9				
2011	27,255	1,948	7.7%	1,926	7.1%	1.0				
2010	25,307	552	2.2%	638	2.5%	0.9				
2009	24,755	1,608	6.9%	1,312	5.3%	1.2				
2008	23,147	411	1.8%	307	1.3%	1.3				
2007	22,736	1,053	4.9%	1,175	5.2%	0.9				





# **3 STAR SUPPLY & DEMAND**

		Inventory		Absorption				
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio		
2023	84,109	0	0%	(166)	-0.2%	0		
2022	84,109	0	0%	(138)	-0.2%	0		
2021	84,109	159	0.2%	(93)	-0.1%	-		
2020	83,950	300	0.4%	61	0.1%	4.9		
2019	83,650	528	0.6%	32	0%	16.3		
YTD	83,844	722	0.9%	293	0.3%	2.5		
2018	83,122	437	0.5%	445	0.5%	1.0		
2017	82,685	239	0.3%	2	0%	119.5		
2016	82,446	463	0.6%	121	0.1%	3.8		
2015	81,983	27	0%	210	0.3%	0.1		
2014	81,956	76	0.1%	130	0.2%	0.6		
2013	81,880	54	0.1%	486	0.6%	0.1		
2012	81,826	714	0.9%	1,338	1.6%	0.5		
2011	81,112	343	0.4%	404	0.5%	0.8		
2010	80,769	217	0.3%	424	0.5%	0.5		
2009	80,552	332	0.4%	(42)	-0.1%	-		
2008	80,220	199	0.2%	(492)	-0.6%	-		
2007	80,021	180	0.2%	193	0.2%	0.9		

# 1 & 2 STAR SUPPLY & DEMAND

		Inventory				
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio
2023	129,441	(157)	-0.1%	(448)	-0.3%	0.4
2022	129,598	(159)	-0.1%	(516)	-0.4%	0.3
2021	129,757	(150)	-0.1%	(582)	-0.4%	0.3
2020	129,907	(135)	-0.1%	(506)	-0.4%	0.3
2019	130,042	26	0%	(329)	-0.3%	-
YTD	130,031	15	0%	(222)	-0.2%	-
2018	130,016	(2)	0%	116	0.1%	0
2017	130,018	(78)	-0.1%	(226)	-0.2%	0.3
2016	130,096	(16)	0%	(262)	-0.2%	0.1
2015	130,112	(54)	0%	161	0.1%	-
2014	130,166	(17)	0%	311	0.2%	-
2013	130,183	(281)	-0.2%	449	0.3%	-
2012	130,464	(182)	-0.1%	88	0.1%	-
2011	130,646	(87)	-0.1%	117	0.1%	-
2010	130,733	(254)	-0.2%	110	0.1%	-
2009	130,987	(135)	-0.1%	(1,268)	-1.0%	0.1
2008	131,122	(136)	-0.1%	(838)	-0.6%	0.2
2007	131,258	(80)	-0.1%	(75)	-0.1%	1.1



# **OVERALL VACANCY & RENT**

		Vacancy			Mark		Effective Rent		
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Per Unit	Per SF
2023	15,492	5.7%	0	\$1,973	\$2.35	1.0%	(0.3)	\$1,956	\$2.33
2022	15,362	5.7%	0.1	\$1,953	\$2.32	1.3%	(0.3)	\$1,936	\$2.30
2021	14,920	5.6%	0.2	\$1,927	\$2.29	1.6%	(0.7)	\$1,910	\$2.27
2020	14,307	5.4%	0.1	\$1,897	\$2.26	2.3%	(0.6)	\$1,880	\$2.24
2019	13,838	5.2%	0.4	\$1,854	\$2.21	2.9%	(0.5)	\$1,837	\$2.19
YTD	13,443	5.1%	0.3	\$1,857	\$2.21	3.1%	(0.3)	\$1,840	\$2.19
2018	12,525	4.8%	0.3	\$1,802	\$2.14	3.4%	(0.6)	\$1,774	\$2.11
2017	11,467	4.5%	0.4	\$1,743	\$2.07	4.0%	0	\$1,718	\$2.04
2016	10,373	4.1%	(0.2)	\$1,676	\$1.99	4.0%	(2.7)	\$1,656	\$1.96
2015	10,764	4.3%	(0.4)	\$1,611	\$1.91	6.7%	3.0	\$1,595	\$1.89
2014	11,544	4.7%	0.6	\$1,510	\$1.79	3.7%	(0.1)	\$1,494	\$1.77
2013	9,854	4.1%	(0.4)	\$1,457	\$1.73	3.8%	0.9	\$1,442	\$1.71
2012	10,700	4.4%	(0.5)	\$1,404	\$1.66	2.9%	1.7	\$1,392	\$1.65
2011	11,724	4.9%	(0.2)	\$1,364	\$1.61	1.2%	1.1	\$1,356	\$1.60
2010	12,089	5.1%	(0.3)	\$1,348	\$1.60	0.1%	2.7	\$1,339	\$1.58
2009	12,749	5.4%	0.7	\$1,347	\$1.59	-2.6%	(3.8)	\$1,336	\$1.58
2008	10,948	4.7%	0.6	\$1,383	\$1.64	1.2%	(1.5)	\$1,375	\$1.63
2007	9,456	4.0%	(0.1)	\$1,366	\$1.62	2.7%	-	\$1,359	\$1.61

# **4 & 5 STAR VACANCY & RENT**

		Vacancy			Marke	et Rent		Effective Rent		
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Per Unit	Per SF	
2023	4,584	7.9%	(8.0)	\$2,642	\$2.70	0.8%	(0.3)	\$2,601	\$2.66	
2022	4,912	8.7%	(0.5)	\$2,621	\$2.68	1.1%	(0.2)	\$2,580	\$2.64	
2021	4,965	9.2%	(0.4)	\$2,592	\$2.65	1.3%	(0.6)	\$2,551	\$2.61	
2020	5,036	9.6%	(0.8)	\$2,559	\$2.62	1.9%	(0.6)	\$2,518	\$2.58	
2019	5,178	10.4%	0.4	\$2,510	\$2.57	2.5%	0.2	\$2,470	\$2.53	
YTD	4,817	9.9%	(0.1)	\$2,514	\$2.57	2.7%	0.4	\$2,473	\$2.53	
2018	4,569	10.0%	1.9	\$2,448	\$2.51	2.3%	(0.7)	\$2,384	\$2.44	
2017	3,373	8.1%	1.2	\$2,392	\$2.45	3.1%	1.1	\$2,339	\$2.39	
2016	2,667	6.9%	(2.9)	\$2,321	\$2.37	1.9%	(4.0)	\$2,282	\$2.34	
2015	3,642	9.8%	(2.2)	\$2,276	\$2.33	6.0%	2.5	\$2,245	\$2.30	
2014	4,027	12.0%	5.5	\$2,148	\$2.20	3.4%	(1.3)	\$2,113	\$2.16	
2013	1,954	6.5%	0.8	\$2,076	\$2.12	4.8%	1.1	\$2,041	\$2.09	
2012	1,642	5.8%	(0.7)	\$1,982	\$2.03	3.7%	2.4	\$1,961	\$2.01	
2011	1,774	6.5%	(0.4)	\$1,912	\$1.96	1.3%	1.0	\$1,899	\$1.94	
2010	1,752	6.9%	(0.5)	\$1,887	\$1.93	0.3%	4.3	\$1,872	\$1.92	
2009	1,836	7.4%	0.8	\$1,883	\$1.93	-4.1%	(4.4)	\$1,861	\$1.90	
2008	1,541	6.7%	0.3	\$1,962	\$2.01	0.3%	(2.1)	\$1,951	\$2.00	
2007	1,438	6.3%	(0.9)	\$1,956	\$2.00	2.4%	-	\$1,944	\$1.99	



# **3 STAR VACANCY & RENT**

		Vacancy			Mark		Effective Rent		
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Per Unit	Per SF
2023	4,682	5.6%	0.2	\$2,006	\$2.34	1.1%	(0.3)	\$1,994	\$2.33
2022	4,515	5.4%	0.2	\$1,984	\$2.32	1.4%	(0.3)	\$1,972	\$2.30
2021	4,377	5.2%	0.3	\$1,957	\$2.29	1.7%	(8.0)	\$1,944	\$2.27
2020	4,125	4.9%	0.3	\$1,924	\$2.25	2.5%	(1.0)	\$1,912	\$2.23
2019	3,887	4.6%	0.4	\$1,876	\$2.19	3.6%	(0.4)	\$1,864	\$2.18
YTD	3,971	4.7%	0.5	\$1,878	\$2.19	3.7%	(0.2)	\$1,866	\$2.18
2018	3,542	4.3%	0	\$1,811	\$2.11	4.0%	(0.4)	\$1,786	\$2.08
2017	3,550	4.3%	0.3	\$1,742	\$2.03	4.4%	(0.6)	\$1,717	\$2.00
2016	3,310	4.0%	0.4	\$1,669	\$1.95	5.0%	(2.8)	\$1,649	\$1.92
2015	2,972	3.6%	(0.2)	\$1,590	\$1.85	7.8%	3.5	\$1,575	\$1.84
2014	3,153	3.8%	(0.1)	\$1,474	\$1.72	4.3%	0.5	\$1,459	\$1.70
2013	3,208	3.9%	(0.5)	\$1,413	\$1.65	3.8%	0.9	\$1,402	\$1.64
2012	3,638	4.4%	(8.0)	\$1,361	\$1.59	2.9%	1.5	\$1,350	\$1.57
2011	4,261	5.3%	(0.2)	\$1,322	\$1.54	1.4%	1.3	\$1,314	\$1.53
2010	4,450	5.5%	(0.3)	\$1,304	\$1.52	0.1%	2.3	\$1,296	\$1.51
2009	4,657	5.8%	0.4	\$1,303	\$1.52	-2.2%	(4.1)	\$1,294	\$1.51
2008	4,283	5.3%	0.8	\$1,332	\$1.55	1.9%	(1.3)	\$1,323	\$1.54
2007	3,593	4.5%	0	\$1,306	\$1.52	3.2%	-	\$1,299	\$1.52

# 1 & 2 STAR VACANCY & RENT

		Vacancy			Mark	et Rent		Effective Rent		
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Per Unit	Per SF	
2023	6,226	4.8%	0.2	\$1,534	\$2.05	1.1%	(0.3)	\$1,527	\$2.04	
2022	5,935	4.6%	0.3	\$1,517	\$2.02	1.4%	(0.3)	\$1,510	\$2.02	
2021	5,578	4.3%	0.3	\$1,495	\$2.00	1.7%	(8.0)	\$1,489	\$1.99	
2020	5,146	4.0%	0.3	\$1,470	\$1.96	2.5%	(0.2)	\$1,464	\$1.95	
2019	4,774	3.7%	0.3	\$1,435	\$1.91	2.7%	(1.1)	\$1,428	\$1.90	
YTD	4,656	3.6%	0.2	\$1,435	\$1.90	2.7%	(1.1)	\$1,428	\$1.90	
2018	4,414	3.4%	(0.1)	\$1,397	\$1.85	3.8%	(0.9)	\$1,389	\$1.84	
2017	4,544	3.5%	0.1	\$1,346	\$1.78	4.7%	(0.5)	\$1,338	\$1.77	
2016	4,396	3.4%	0.2	\$1,286	\$1.70	5.2%	(0.8)	\$1,280	\$1.69	
2015	4,150	3.2%	(0.2)	\$1,223	\$1.61	6.0%	2.9	\$1,216	\$1.61	
2014	4,364	3.4%	(0.3)	\$1,154	\$1.52	3.1%	0.5	\$1,148	\$1.51	
2013	4,692	3.6%	(0.6)	\$1,119	\$1.47	2.6%	0.7	\$1,114	\$1.46	
2012	5,420	4.2%	(0.2)	\$1,091	\$1.43	1.9%	1.1	\$1,084	\$1.43	
2011	5,688	4.4%	(0.1)	\$1,070	\$1.41	0.8%	0.9	\$1,064	\$1.40	
2010	5,887	4.5%	(0.3)	\$1,061	\$1.39	-0.1%	1.4	\$1,055	\$1.39	
2009	6,256	4.8%	0.9	\$1,062	\$1.40	-1.5%	(2.9)	\$1,056	\$1.39	
2008	5,125	3.9%	0.5	\$1,078	\$1.42	1.4%	(1.2)	\$1,072	\$1.41	
2007	4,425	3.4%	0	\$1,063	\$1.40	2.6%	-	\$1,058	\$1.39	



# **OVERALL SALES**

			Completed	Transactions (1)			Market	Pricing Trends	(2)
Year	Deals	Volume	Turnover	Avg Price	Avg Price/Unit	Avg Cap Rate	Price/Unit	Price Index	Cap Rate
2023	-	-	-	-	-	-	\$332,943	227	4.6%
2022	-	-	-	-	-	-	\$332,310	227	4.5%
2021	-	-	-	-	-	-	\$333,595	228	4.5%
2020	-	-	-	-	-	-	\$330,077	225	4.4%
2019	-	-	-	-	-	-	\$317,349	217	4.5%
YTD	552	\$2,122 M	2.8%	\$6,169,831	\$286,388	4.5%	\$317,306	217	4.5%
2018	505	\$2,019 M	2.9%	\$6,138,193	\$268,154	4.4%	\$299,095	204	4.5%
2017	684	\$2,964 M	4.3%	\$7,466,556	\$272,097	4.4%	\$282,874	193	4.6%
2016	511	\$2,560 M	4.4%	\$6,124,510	\$233,944	4.8%	\$266,567	182	4.7%
2015	545	\$2,191 M	4.5%	\$5,369,393	\$195,914	4.9%	\$249,494	170	4.8%
2014	453	\$1,599 M	3.8%	\$4,275,930	\$169,460	5.1%	\$228,855	156	5.0%
2013	467	\$1,650 M	3.7%	\$4,331,943	\$182,231	5.6%	\$210,257	144	5.2%
2012	411	\$1,088 M	3.0%	\$3,432,617	\$149,923	6.0%	\$205,691	140	5.2%
2011	303	\$1,064 M	3.0%	\$4,206,255	\$147,906	6.3%	\$196,437	134	5.2%
2010	227	\$814.9 M	2.1%	\$4,014,438	\$162,143	6.6%	\$178,458	122	5.4%
2009	170	\$478.5 M	1.8%	\$3,147,994	\$113,982	6.4%	\$136,618	93	6.0%
2008	226	\$824.2 M	2.6%	\$3,798,029	\$137,568	6.0%	\$146,474	100	5.9%

<sup>(1)</sup> Completed transaction data is based on actual arms-length sales transactions and levels are dependent on the mix of what happened to sell in the period.

# 4 & 5 STAR SALES

	Completed Transactions (1)						Market Pricing Trends (2)			
Year	Deals	Volume	Turnover	Avg Price	Avg Price/Unit	Avg Cap Rate	Price/Unit	Price Index	Cap Rate	
2023	-	-	-	-	-	-	\$464,112	224	4.3%	
2022	-	-	-	-	-	-	\$464,502	224	4.3%	
2021	-	-	-	-	-	-	\$466,514	225	4.2%	
2020	-	-	-	-	-	-	\$462,458	223	4.2%	
2019	-	-	-	-	-	-	\$446,300	215	4.3%	
YTD	10	\$706.2 M	3.8%	\$78,469,899	\$377,058	5.0%	\$446,501	216	4.2%	
2018	8	\$641.2 M	3.6%	\$91,603,714	\$393,390	4.0%	\$416,662	201	4.3%	
2017	15	\$1,396 M	8.1%	\$93,085,439	\$417,423	4.2%	\$398,846	193	4.3%	
2016	8	\$535.1 M	3.9%	\$66,893,562	\$358,198	4.5%	\$381,039	184	4.4%	
2015	8	\$423.7 M	3.1%	\$52,962,500	\$364,630	4.4%	\$358,724	173	4.4%	
2014	4	\$180.3 M	1.7%	\$60,100,000	\$316,872	4.6%	\$328,579	159	4.6%	
2013	14	\$678.5 M	8.2%	\$135,694,081	\$275,130	4.8%	\$301,081	145	4.8%	
2012	12	\$238.5 M	3.3%	\$119,250,000	\$250,525	3.5%	\$294,374	142	4.8%	
2011	3	\$126.5 M	2.1%	\$42,151,667	\$223,419	4.9%	\$280,267	135	4.8%	
2010	4	\$300.4 M	4.7%	\$75,093,750	\$250,730	6.2%	\$252,899	122	5.0%	
2009	3	\$112.8 M	3.3%	\$37,591,667	\$138,715	7.3%	\$193,716	94	5.6%	
2008	1	\$4.5 M	0.1%	\$4,510,000	\$322,143	5.1%	\$207,154	100	5.5%	

<sup>(1)</sup> Completed transaction data is based on actual arms-length sales transactions and levels are dependent on the mix of what happened to sell in the period.

<sup>(2)</sup> Market price trends data is based on the estimated price movement of all properties in the market, informed by actual transactions that have occurred.





<sup>(2)</sup> Market price trends data is based on the estimated price movement of all properties in the market, informed by actual transactions that have occurred.

### **3 STAR SALES**

	Completed			Transactions (1)		Market Pricing Trends (2)			
Year	Deals	Volume	Turnover	Avg Price	Avg Price/Unit	Avg Cap Rate	Price/Unit	Price Index	Cap Rate
2023	-	-	-	-	-	-	\$317,106	230	4.6%
2022	-	-	-	-	-	-	\$316,361	230	4.5%
2021	-	-	-	-	-	-	\$316,813	230	4.5%
2020	-	-	-	-	-	-	\$312,709	227	4.5%
2019	-	-	-	-	-	-	\$300,000	218	4.5%
YTD	56	\$350.8 M	1.4%	\$8,555,429	\$297,265	4.6%	\$299,955	218	4.5%
2018	54	\$595.9 M	2.7%	\$12,679,494	\$265,214	4.4%	\$282,144	205	4.6%
2017	88	\$675.4 M	3.8%	\$11,072,065	\$216,334	4.7%	\$264,122	192	4.6%
2016	75	\$1,208 M	6.1%	\$18,587,020	\$239,904	4.8%	\$248,598	181	4.7%
2015	91	\$947.6 M	5.9%	\$13,346,689	\$195,425	4.9%	\$233,949	170	4.8%
2014	79	\$766.9 M	5.1%	\$12,369,028	\$182,070	5.0%	\$215,902	157	5.0%
2013	54	\$421.2 M	2.5%	\$9,359,944	\$204,366	5.3%	\$199,053	145	5.2%
2012	52	\$348.2 M	2.8%	\$8,491,733	\$150,459	5.5%	\$194,419	141	5.2%
2011	45	\$614.4 M	4.7%	\$13,962,723	\$162,787	6.1%	\$185,413	135	5.2%
2010	38	\$314.0 M	2.3%	\$8,485,185	\$166,818	6.5%	\$167,480	122	5.4%
2009	30	\$165.8 M	1.9%	\$5,525,450	\$110,142	6.8%	\$128,194	93	6.0%
2008	41	\$434.1 M	3.6%	\$11,130,013	\$149,268	6.1%	\$137,643	100	5.9%

<sup>(1)</sup> Completed transaction data is based on actual arms-length sales transactions and levels are dependent on the mix of what happened to sell in the period.

### 1 & 2 STAR SALES

	Completed Transactions (1)						Market Pricing Trends (2)			
Year	Deals	Volume	Turnover	Avg Price	Avg Price/Unit	Avg Cap Rate	Price/Unit	Price Index	Cap Rate	
2023	-	-	-	-	-	-	\$285,075	228	4.7%	
2022	-	-	-	-	-	-	\$284,062	227	4.6%	
2021	-	-	-	-	-	-	\$285,563	228	4.6%	
2020	-	-	-	-	-	-	\$282,662	226	4.5%	
2019	-	-	-	-	-	-	\$271,441	217	4.6%	
YTD	486	\$1,065 M	3.4%	\$3,623,878	\$244,475	4.4%	\$271,246	216	4.6%	
2018	443	\$782.3 M	2.8%	\$2,844,740	\$214,095	4.4%	\$257,981	206	4.6%	
2017	581	\$892.5 M	3.4%	\$2,780,515	\$201,614	4.4%	\$243,631	194	4.7%	
2016	428	\$816.7 M	3.4%	\$2,367,363	\$185,076	4.8%	\$227,482	182	4.8%	
2015	446	\$819.4 M	4.0%	\$2,490,570	\$158,460	4.9%	\$211,163	169	4.9%	
2014	370	\$652.0 M	3.6%	\$2,110,090	\$140,038	5.2%	\$193,057	154	5.1%	
2013	399	\$550.8 M	3.5%	\$1,664,056	\$121,590	5.7%	\$177,272	141	5.3%	
2012	347	\$501.5 M	3.1%	\$1,830,214	\$125,621	6.2%	\$173,698	139	5.3%	
2011	255	\$323.4 M	2.2%	\$1,569,747	\$113,264	6.4%	\$166,432	133	5.3%	
2010	185	\$200.6 M	1.5%	\$1,238,297	\$103,085	6.6%	\$152,583	122	5.5%	
2009	137	\$200.0 M	1.4%	\$1,680,307	\$106,360	6.3%	\$116,774	93	6.1%	
2008	184	\$385.6 M	2.3%	\$2,178,484	\$125,641	6.0%	\$125,306	100	6.0%	

<sup>(1)</sup> Completed transaction data is based on actual arms-length sales transactions and levels are dependent on the mix of what happened to sell in the period.

<sup>(2)</sup> Market price trends data is based on the estimated price movement of all properties in the market, informed by actual transactions that have occurred.





<sup>(2)</sup> Market price trends data is based on the estimated price movement of all properties in the market, informed by actual transactions that have occurred.

# **DELIVERIES & UNDER CONSTRUCTION**

	Inventory			Deliveries		Net Deliveries		Under Construction	
Year	Bldgs	Units	Vacancy	Bldgs	Units	Bldgs	Units	Bldgs	Units
2023	-	271,864	5.7%	-	1,863	-	1,707	-	-
2022	-	270,157	5.7%	-	2,389	-	2,230	-	-
2021	-	267,927	5.6%	-	1,684	-	1,534	-	-
2020	-	266,393	5.4%	-	2,893	-	2,759	-	-
2019	-	263,634	5.2%	-	4,699	-	4,698	-	_
YTD	10,567	262,693	5.1%	33	3,908	33	3,908	41	6,955
2018	10,541	258,785	4.8%	38	4,574	36	4,560	61	8,236
2017	10,508	254,225	4.5%	25	3,177	15	3,093	58	8,305
2016	10,490	251,132	4.1%	16	1,997	15	1,981	50	7,829
2015	10,476	249,151	4.3%	17	3,596	13	3,532	26	5,439
2014	10,455	245,619	4.7%	16	3,697	14	3,653	23	4,904
2013	10,444	241,966	4.1%	9	1,500	0	1,219	23	5,633
2012	10,444	240,747	4.4%	8	1,916	1	1,734	17	4,874
2011	10,442	239,013	4.9%	5	2,178	(3)	2,076	12	4,276
2010	10,445	236,809	5.1%	6	785	(15)	515	8	3,507
2009	10,468	236,294	5.4%	14	2,139	3	1,805	8	2,488
2008	10,465	234,489	4.7%	9	621	3	474	17	2,697
2007	10,450	234,015	4.0%	16	1,271	9	1,153	13	2,495





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