

East Bay - CA (USA)

**PREPARED BY** 





# East Bay Multi-Family

#### **MULTI-FAMILY MARKET REPORT**

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12 Mo Delivered Units

12 Mo Absorption Units

Vacancy Rate

12 Mo Asking Rent Growth

2,716

3,338

**7.0%** 

-1.0%

Multifamily leasing in the East Bay began to pick up during the second half of 2023, while a noticeable downshift in groundbreakings has contributed to a dwindling construction pipeline. These factors have allowed vacancies to level off, with current rates are trending to 7.0%. There are 4,300 units in the pipeline as of the first quarter of 2024, set to increase inventory by 2.2%. Occupancies of 93.0% are projected to stabilize in coming quarters, before potentially gaining some momentum in the latter part of the year.

Most areas of the region had already reclaimed prepandemic rent levels, but year-over-year growth of -1.1% has stalled after a recent five-year peak of 5.4%. Submarkets in more-densely populated urban areas like Downtown Oakland, for example, have yet to reclaim pre-pandemic rental rates. At a macro level, some of this is the result of residents tightening budgets to battle historically high inflation, which has resulted in some hesitancy to sign new leases. Oakland's core has also taken the lion's share of units during this construction cycle.

Lower cost submarkets that have witnessed minimal competing supply—such as Pittsburg/Antioch and Hayward/Castro Valley/Union City—are leading the way in annual rent growth. More expensive submarkets like Walnut Creek/San Ramon also turned in positive growth despite supply expansions, as renters look for highly rated schools and accessible transit.

However, the East Bay has led the region in population growth in recent years and still offers more affordability than its cross bay rivals of San Francisco and San Jose. For these reasons, some structural demand in the form of well paid renters fleeing east across the bay is solidifying. New projects are thus generally aimed at higher-income renters, concentrated in and around BART rail stations for accessibility to regional job nodes.

#### **KEY INDICATORS**

Current Quarter	Units	Vacancy Rate	Asking Rent	Effective Rent	Absorption Units	Delivered Units	Under Constr Units
4 & 5 Star	40,207	11.1%	\$2,957	\$2,908	571	378	3,423
3 Star	48,897	5.7%	\$2,417	\$2,400	75	0	837
1 & 2 Star	100,995	6.0%	\$1,965	\$1,950	(8)	0	0
Market	190,099	7.0%	\$2,389	\$2,363	638	378	4,260
Annual Trends	12 Month	Historical Average	Forecast Average	Peak	When	Trough	When
Vacancy Change (YOY)	-0.4%	4 9%	6.1%	7.8%	2020 Q3	2 2%	2000 Q1

Annual Trends	12 Month	Historical Average	Forecast Average	Peak	When	Trough	When
Vacancy Change (YOY)	-0.4%	4.9%	6.1%	7.8%	2020 Q3	2.2%	2000 Q1
Absorption Units	3,338	1,192	2,043	6,944	2021 Q4	(1,590)	2009 Q2
Delivered Units	2,716	1,654	1,463	5,059	2021 Q2	0	2011 Q3
Demolished Units	31	28	30	190	2009 Q4	0	2023 Q3
Asking Rent Growth (YOY)	-1.0%	2.0%	2.9%	18.1%	2001 Q1	-7.0%	2009 Q4
Effective Rent Growth (YOY)	-0.4%	1.9%	2.9%	17.8%	2001 Q1	-6.9%	2009 Q4
Sales Volume	\$642M	\$1.2B	N/A	\$3.7B	2022 Q2	\$265.8M	2010 Q1



As of the first quarter of 2024, 3,300 units have been absorbed on a trailing 12-month basis. For reference, the prior decade average was 1,800 units, with a cycle peak of 6,900 units in 2021. Vacancies are thus trending to 7.0%, reflecting a one-year change of -0.4%. The previous five-year average vacancy mark equates to 6.7%. A dwindling supply pipeline and slowing apartment starts could allow downside pressure on vacancies to form if leasing breaks out to the upside.

The effects of supply pressure are being felt most acutely in bayside submarkets like Downtown Oakland and Berkeley. Other areas of the metro, particularly certain suburban communities in the eastern portion of the East Bay, are experiencing lower vacancy rates when compared with their urban counterparts. Access to good quality schools and services, along with BART stations for easy transportation into the cores and across the bay have enticed many renters to places like Fremont/Newark, Walnut Creek/San Ramon and Dublin/Pleasanton/Livermore.

Despite the supply glut, Downtown Oakland remains among the metro's five strongest in terms of number of units absorbed in the last 12 months. This is likely due to a boomerang effect that took shape as renters fled during the pandemic, but returned to the central portion of the city seeking re-opened services and strong leasing incentives. Nonetheless, vacancies in the core

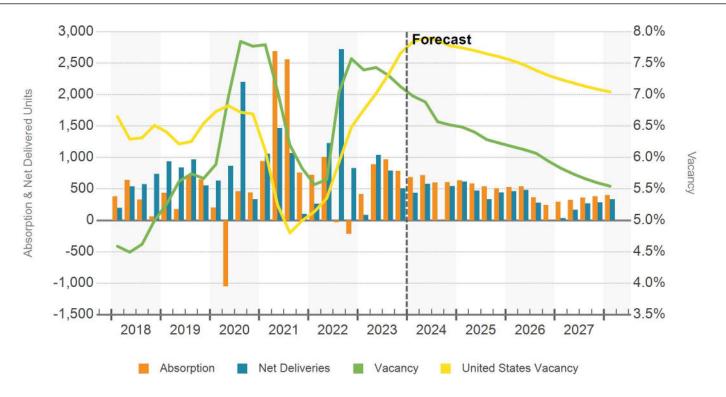
Oakland neighborhoods are likely to remain above metro trend figures, as many newly delivered high-rise towers work towards stabilization, with a few other large projects ongoing.

The East Bay continues to produce outsized population growth figures, having added over 250,000 residents since 2010 and outpacing national averages. An increasingly desirable, yet relatively affordable market for housing has enticed developers to bet on new apartment communities overcoming the current near-term challenges with a long-term ability to attract residents. Those seeking high-end housing at rental rates that compare favorably to San Jose and San Francisco will boost prospects for investors and landlords.

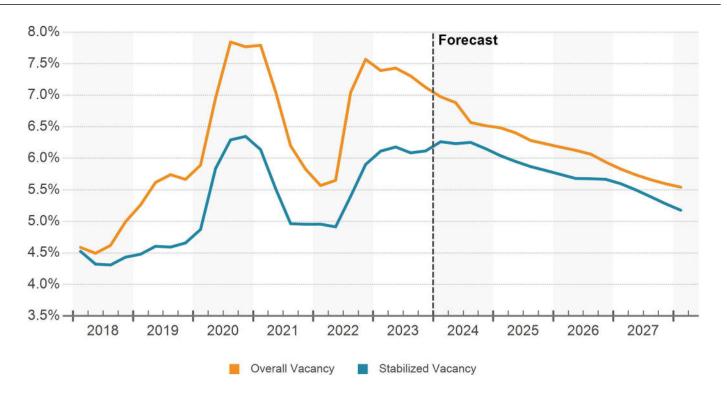
In addition, access to these larger cross bay markets is now more feasible. A healthy number of multifamily units making their way to the market in the East Bay are located near BART stations in submarkets like Downtown Oakland, Walnut Creek/Pleasant Hill, and Fremont/Newark. BART commute times to San Francisco's Financial District from new high-rise developments in Downtown Oakland measure just 15 minutes. That is competitive with public transit commute times from most residential areas in the City of San Francisco. BART's continued extension into Silicon Valley should increase demand for transit-oriented developments in the southern portion of the metro.



## **ABSORPTION, NET DELIVERIES & VACANCY**



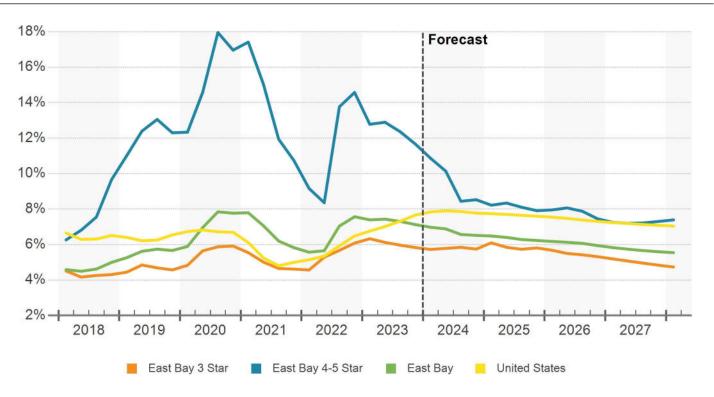
#### **OVERALL & STABILIZED VACANCY**



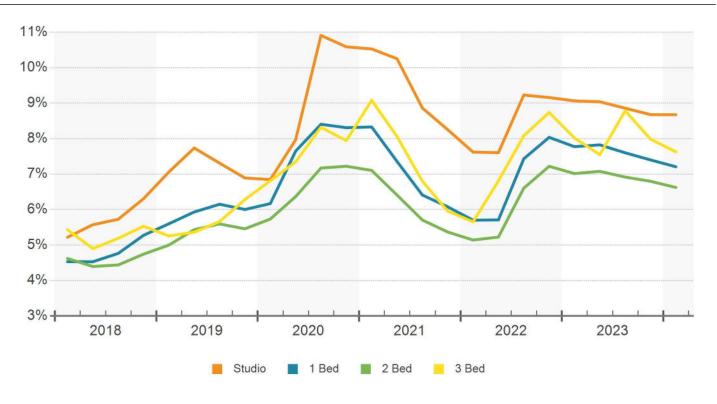




## **VACANCY RATE**



#### **VACANCY BY BEDROOM**







As of the first quarter of 2024, East Bay asking rents average around \$2,390/month, with year-over-year rent growth currently measuring -1.1%. Stagnating growth after a recent peak of 5.4% has set in, as leasing works to find its footing.

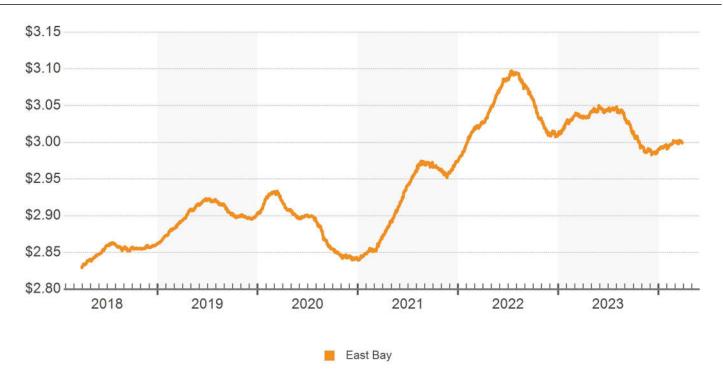
While average asking rents in the East Bay are among the 20 most expensive markets in the country, monthly rates are still around 20% below the neighboring metros of San Francisco and San Jose.

Average rental rates vary widely, with the most expensive markets like Emeryville and Berkeley showcasing asking rents around 40% higher than submarkets like San Leandro/San Lorenzo, Pittsburg/Antioch, and East Oakland, which sit at the opposite end of the metro's rankings. The most expensive markets are more centralized in the western portion of the metro with shorter commute times to job centers compared to less costly submarkets.

Nonetheless, population demographics also play a role in submarkets such as Dublin/Pleasanton/Livermore and Walnut Creek/San Ramon. These submarkets lie in the eastern portion of the metro but consist of populations with higher median incomes and boast desirable lifestyle and community amenities, as well as public transportation access. These factors support rental rates above the metro average.

The 4 & 5 Star quality slice will see the most downside rent pressure in coming quarters, as around 80% of the units in the pipeline are in luxury communities. Already, trailing 12-month rent growth in this category is -3.5%, which paces well behind 3 Star and 1 & 2 Star growth of 0.4% and 0.2%, respectively. One exception to this would be higher-end communities clustered around the Warm Springs/South Fremont BART station and the Tesla factory in Fremont/Newark. Here, in the Eastside Industrial district, occupancies are well above metro trends and rent growth has outperformed, given walkable proximity to Tesla and other major employers.

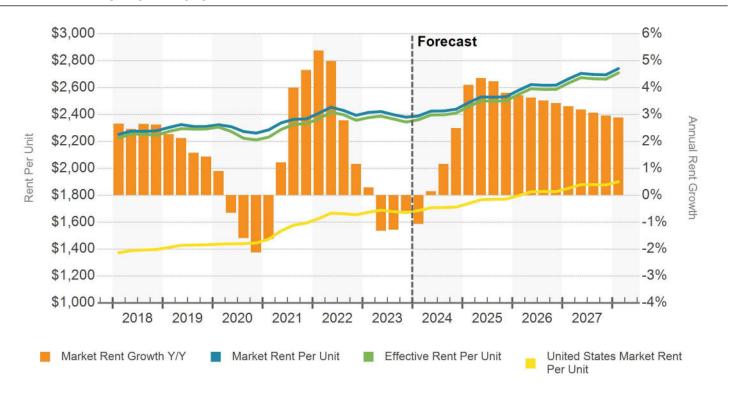
#### **DAILY ASKING RENT PER SF**



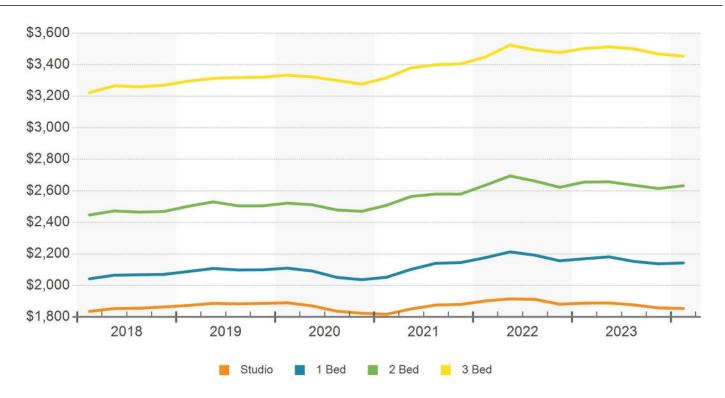




#### **MARKET RENT PER UNIT & RENT GROWTH**



#### MARKET RENT PER UNIT BY BEDROOM







# 4 & 5 STAR EXPENSES PER SF (ANNUAL)

				Operating	Expenses				Capi			
Market / Cluster	Mgmt.	Admin.	Payroll	Water	Utilities	Maint.	Insurance	Taxes	Appliance	Structural	Other	Total
East Bay	\$0.93	\$0.98	\$0.63	\$0.72	\$1.23	\$1.28	\$0.42	\$2.53	\$0.25	\$0.81	\$0.98	\$10.76
Berkeley	\$0.98	\$1.02	\$0.65	\$0.72	\$1.24	\$1.30	\$0.43	\$2.71	\$0.30	\$0.82	\$1.01	\$11.18
Concord/Pleasant Hill	\$0.64	\$1.07	\$0.56	\$0.87	\$1.28	\$1.47	\$0.42	\$2.29	\$0.10	\$0.74	\$1.01	\$10.45
Downtown Oakland	\$0.98	\$1.02	\$0.65	\$0.72	\$1.24	\$1.30	\$0.43	\$2.71	\$0.30	\$0.82	\$1.01	\$11.18
Dublin/Pleasanton/L	\$0.74	\$1.01	\$0.65	\$0.71	\$1.12	\$1.28	\$0.42	\$2.64	\$0.29	\$0.80	\$0.99	\$10.65
East Oakland	\$0.91	\$0.68	\$0.56	\$0.58	\$1.14	\$0.77	\$0.37	\$2	\$0.14	\$0.70	\$0.90	\$8.75
Emeryville	\$0.78	\$1.02	\$0.65	\$0.72	\$1.14	\$1.30	\$0.43	\$2.71	\$0.30	\$0.82	\$1.01	\$10.88
Fremont/Newark	\$1.03	\$0.94	\$0.64	\$0.70	\$1.35	\$1.22	\$0.41	\$2.52	\$0.27	\$0.77	\$0.97	\$10.82
Hayward/Castro Val	\$0.91	\$0.66	\$0.57	\$0.65	\$1.17	\$0.91	\$0.37	\$1.87	\$0.17	\$0.61	\$0.84	\$8.73
Pittsburg/Antioch	\$0.64	\$1.07	\$0.56	\$0.87	\$1.28	\$1.47	\$0.42	\$2.29	\$0.10	\$0.74	\$1.01	\$10.45
Richmond/Martinez	\$1.05	\$0.97	\$0.74	\$0.74	\$1.16	\$1.31	\$0.42	\$2.63	\$0.08	\$0.59	\$0.99	\$10.68
Walnut Creek/San	\$1.17	\$1.08	\$0.62	\$0.75	\$1.18	\$1.53	\$0.45	\$2.62	\$0.32	\$1.15	\$1	\$11.87

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	Expenses				Capi	tal Expenditu	ıres	
Market / Cluster	Mgmt.	Admin.	Payroll	Water	Utilities	Maint.	Insurance	Taxes	Appliance	Structural	Other	Total
East Bay	\$0.93	\$0.52	\$0.54	\$0.55	\$1.16	\$0.59	\$0.37	\$1.92	\$0.08	\$0.73	\$0.94	\$8.33
Alameda	\$0.92	\$0.48	\$0.51	\$0.51	\$1.17	\$0.46	\$0.35	\$1.88	\$0.05	\$0.76	\$0.94	\$8.03
Berkeley	\$0.93	\$0.49	\$0.52	\$0.51	\$1.17	\$0.48	\$0.35	\$1.91	\$0.05	\$0.76	\$0.95	\$8.12
Concord/Pleasant Hill	\$0.57	\$0.84	\$0.53	\$0.48	\$0.88	\$0.68	\$0.34	\$1.80	\$0.09	\$0.60	\$0.93	\$7.74
Downtown Oakland	\$0.91	\$0.58	\$0.54	\$0.53	\$1.16	\$0.60	\$0.36	\$1.96	\$0.09	\$0.75	\$0.94	\$8.42
Dublin/Pleasanton/L	\$0.70	\$0.80	\$0.62	\$0.50	\$0.96	\$0.64	\$0.35	\$2.10	\$0.14	\$0.76	\$0.94	\$8.51
East Oakland	\$0.90	\$0.48	\$0.51	\$0.50	\$1.13	\$0.47	\$0.34	\$1.76	\$0.05	\$0.71	\$0.90	\$7.75
Emeryville	\$0.71	\$0.80	\$0.62	\$0.50	\$0.95	\$0.63	\$0.35	\$2.14	\$0.14	\$0.78	\$0.96	\$8.58
Fremont/Newark	\$1	\$0.34	\$0.51	\$0.60	\$1.31	\$0.57	\$0.39	\$1.85	\$0.06	\$0.76	\$0.94	\$8.33
Hayward/Castro Val	\$1	\$0.35	\$0.51	\$0.60	\$1.31	\$0.59	\$0.38	\$1.85	\$0.06	\$0.76	\$0.94	\$8.35
Oakland Hills	\$0.93	\$0.48	\$0.51	\$0.51	\$1.18	\$0.46	\$0.35	\$1.91	\$0.05	\$0.77	\$0.95	\$8.10
Pittsburg/Antioch	\$0.55	\$0.85	\$0.53	\$0.48	\$0.88	\$0.69	\$0.34	\$1.84	\$0.10	\$0.62	\$0.94	\$7.82
Richmond/Martinez	\$1.01	\$0.80	\$0.71	\$0.62	\$1.04	\$0.75	\$0.32	\$2.29	\$0.08	\$0.23	\$0.95	\$8.80
San Leandro/San L	\$1.01	\$0.31	\$0.50	\$0.59	\$1.32	\$0.54	\$0.39	\$1.84	\$0.05	\$0.77	\$0.95	\$8.27
Walnut Creek/San	\$1.12	\$0.96	\$0.58	\$0.42	\$0.79	\$0.81	\$0.39	\$2.30	\$0.32	\$1.13	\$0.96	\$9.78

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		Capi	tal Expenditu	ires				
Market / Cluster	Mgmt.	Admin.	Payroll	Water	Utilities	Maint.	Insurance	Taxes	Appliance	Structural	Other	Total
East Bay	\$0.74	\$0.50	\$0.51	\$0.51	\$0.91	\$0.53	\$0.31	\$1.05	\$0.06	\$0.40	\$0.67	\$6.19
Alameda	\$0.76	\$0.46	\$0.49	\$0.48	\$0.94	\$0.44	\$0.31	\$1.04	\$0.04	\$0.41	\$0.67	\$6.04
Berkeley	\$0.76	\$0.46	\$0.49	\$0.48	\$0.94	\$0.44	\$0.31	\$1.04	\$0.04	\$0.41	\$0.67	\$6.04
Concord/Pleasant Hill	\$0.55	\$0.81	\$0.51	\$0.46	\$0.84	\$0.65	\$0.31	\$1.04	\$0.09	\$0.41	\$0.67	\$6.34
Downtown Oakland	\$0.75	\$0.48	\$0.50	\$0.48	\$0.94	\$0.45	\$0.31	\$1.04	\$0.05	\$0.41	\$0.67	\$6.08
Dublin/Pleasanton/L	\$0.67	\$0.75	\$0.59	\$0.47	\$0.94	\$0.59	\$0.31	\$1.08	\$0.11	\$0.43	\$0.68	\$6.62
East Oakland	\$0.76	\$0.46	\$0.49	\$0.48	\$0.94	\$0.44	\$0.31	\$1.03	\$0.04	\$0.41	\$0.67	\$6.03
Emeryville	\$0.68	\$0.72	\$0.57	\$0.47	\$0.94	\$0.57	\$0.31	\$1.04	\$0.10	\$0.41	\$0.67	\$6.48
Fremont/Newark	\$0.77	\$0.31	\$0.48	\$0.58	\$0.96	\$0.52	\$0.31	\$1.07	\$0.04	\$0.43	\$0.68	\$6.15
Hayward/Castro Val	\$0.76	\$0.30	\$0.48	\$0.59	\$0.94	\$0.52	\$0.31	\$1.03	\$0.04	\$0.41	\$0.67	\$6.05
Oakland Hills	\$0.76	\$0.46	\$0.49	\$0.48	\$0.94	\$0.44	\$0.31	\$1.03	\$0.04	\$0.41	\$0.67	\$6.03
Pittsburg/Antioch	\$0.52	\$0.81	\$0.51	\$0.46	\$0.84	\$0.65	\$0.31	\$1.09	\$0.09	\$0.42	\$0.69	\$6.39
Richmond/Martinez	\$0.76	\$0.75	\$0.67	\$0.58	\$0.94	\$0.71	\$0.31	\$1.03	\$0.07	\$0.23	\$0.67	\$6.72
San Leandro/San L	\$0.76	\$0.32	\$0.48	\$0.58	\$0.94	\$0.51	\$0.31	\$1.04	\$0.04	\$0.41	\$0.67	\$6.06
Walnut Creek/San	\$0.76	\$0.86	\$0.54	\$0.28	\$0.63	\$0.56	\$0.31	\$1.04	\$0.11	\$0.41	\$0.67	\$6.17

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





Over 18,000 units have been completed in the past five years in the East Bay, equating to an inventory expansion of 10.4%. Another 4,300 units are underway as of the first quarter of 2024. The current pipeline will expand the metro's inventory by 2.2%, pushing the market closer to 200,000 total units.

Downtown Oakland has been the focal point of development of late. Signature Development Group of Oakland is leading a multi-year transformation of Brooklyn Basin that includes around 3,100 housing units and 200,000 SF of commercial space on the project's 65-acre waterfront site. Submarket inventory has already grown by nearly 50% since 2015. In addition, Downtown Oakland has experienced some companies establishing larger office footprints over the years. As a result, it has emerged as a friendlier live/work/play environment.

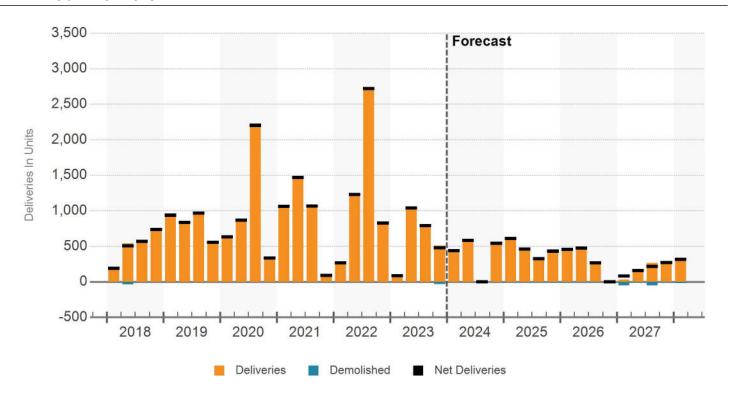
Recent projects to complete include the 419-unit midrise VESPR project on 24th Street developed by The Holland Partner Group out of Vancouver, Washington. Occupancy is around 70%. Holland also broke ground on the 328-unit 24th and Waverly, located at 2359 Harrison Street, with a completion timeline expected to stretch into

2024. The 19th Street BART station is located about one-half of a mile to the south.

Fremont/Newark has also seen plenty of construction activity, gaining momentum as tech-oriented tenants from the South Bay move in and the development of Silicon Valley's BART extension progresses. Phase 1 of the BART extension, from Fremont to Milpitas and Berryessa/North San Jose, was completed in 2020. This phase has spurred the significant development seen in Fremont in recent years. Phase 2 of the extension to Santa Clara through Downtown San Jose and Diridon Station is anticipated to initiate service by 2029.

Lastly, Berkeley, Walnut Creek, Concord, and Pleasanton have also seen BART-proximate communities deliver in recent quarters. Some cities have improved zoning regulations allowing for increased density around transit stations. In response, developers have capitalized on desirable areas where residents can benefit from the accessibility and good quality of life. In Walnut Creek, the 91-unit Rise and the 284-unit Hanover Walnut Creek near the Pleasant Hill/Contra Costa Centre station are prime examples.

#### **DELIVERIES & DEMOLITIONS**





East Bay Multi-Family

Properties Units Percent of Inventory Avg. No. Units

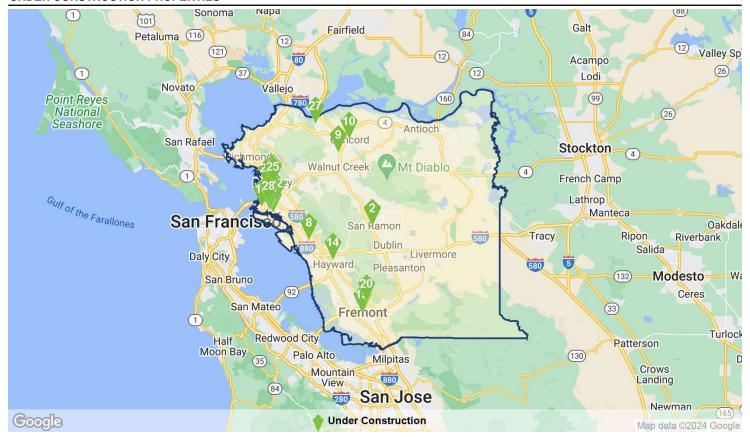
28

4,260

2.2%

152

#### **UNDER CONSTRUCTION PROPERTIES**



## **UNDER CONSTRUCTION**

Pro	operty Name/Address	Rating	Units	Stories	Start	Complete	Developer/Owner
1	1900 Broadway 1900 Broadway	****	452	39	Aug 2021	Apr 2024	Behring Companies Mission Bay Development Group,.
2	6131 Bollinger Canyon Rd	****	381	7	Sep 2023	Feb 2025	- Related California
3	2359 Harrison St	****	330	16	Jan 2022	Apr 2024	- Holland Partner Group
4	24th and Waverly 2359 Harrison St	****	328	16	Oct 2022	Jun 2024	Holland Partner Group Holland Partner Group
5	MIG Fremont Apartments 39150 Fremont Blvd	****	250	5	Apr 2022	Apr 2024	Bayrock Multifamily LLC MIG Real Estate, LLC
6	1510 Webster St	****	236	25	Nov 2022	Apr 2024	oWOW Webster Development Corp
7	2011-2195 Wood St	****	235	6	May 2023	Feb 2025	Holliday Development Holliday Development





# East Bay Multi-Family

# **UNDER CONSTRUCTION**

Pro	perty Name/Address	Rating	Units	Stories	Start	Complete	Developer/Owner
8	Centro Callan Apartments 100 Callan Ave	****	196	5	Oct 2022	Dec 2024	The Martin Group Sansome Pacific Properties, Inc.
9	Alwell Pleasant Hill 85 Cleaveland Rd	****	189	4	Feb 2023	Jul 2024	Gemdale USA Gemdale USA
10	The Argent 2400 Willow Pass Rd	****	171	7	Mar 2023	Jan 2026	- Meyer International Ltd.
11	Ace Berkeley 2108 Berkeley Way	****	163	12	Feb 2023	May 2024	Grosvenor Grosvenor
12	2150 Kittredge 2150 Kittredge St	****	159	7	Apr 2022	Apr 2024	East Beach Capital East Beach Capital
13	Link Apartments Four12 412 Madison St	****	157	7	Mar 2022	Apr 2024	Swenson Swenson
14	Bellara 1202 A St	****	157	6	Apr 2022	Jun 2024	SRM Construction
15	685 9th St	****	117	1	Jun 2023	Dec 2024	- Riaz Capital
16	The Phoenix 801 Pine St	****	101	4	Sep 2023	Jan 2025	Holliday Development, Inc. Holliday Development, Inc.
17	1625 Clay St	****	94	8	Sep 2021	Dec 2024	- FH1
18	1888 MLK 1888 Martin Luther King Jr	****	88	6	Nov 2020	Apr 2024	CRC Development CRC Development
19	Bell Street Gardens 4103 Mowry Ave	****	79	4	Apr 2023	Apr 2025	Resources for Community Develo Resources for Community Develo
20	Hartford by Lennar Homes 37903 Niles Blvd	****	75	3	Feb 2023	Jul 2024	Lennar Lennar
21	Rumi at King 2099 Martin Luther King Jr	****	72	6	Oct 2022	Oct 2024	- Thompson 1997 Living Trust
22	One Piedmont 230-240 W Macarthur Blvd	****	57	5	May 2021	Apr 2024	- Bayrock Multifamily LLC
23	1035 Yerba Buena Ave	****	50	3	Aug 2022	Aug 2024	Riaz Capital Riaz Capital
24	Poet's Place 2435 San Pablo Ave	****	41	4	Jun 2022	May 2024	- Wang Brothers Investments, LLC
25	The Lair 2440 Shattuck Ave	****	40	8	Oct 2022	Jun 2024	-
26	1925 Brush St	****	18	3	Dec 2022	May 2024	DCI Construction Riaz Capital
27	901 Estudillo St	****	12	2	Dec 2018	Apr 2024	- James Scott Busby
28	2432 Chestnut St	****	12	3	Sep 2022	May 2024	- Riaz Capital





Trailing 12-month multifamily sales volume as of the first quarter of 2024 comes in at \$636 million on 150 recorded transactions. However, the East Bay metro has averaged a healthy 280 sales annually over the past five years. For reference, during that period, trailing four quarter sales volume peaked at \$3.7 billion, while averaging about \$1.9 billion. Deteriorating lending conditions as a result of the Federal Reserve's ongoing battle with inflation have greatly reduced liquidity in capital markets, slowing activity.

Investors are currently paying a market price of \$370,000/unit, but market cap rates have trended up over the past few quarters in response to increases in bid-ask spreads. Even after a steady correction in pricing over the past few quarters, the East Bay boasts one of the highest price points in the country.

Value-add plays by private investors in areas such as Hayward and Walnut Creek/San Ramon have helped to push volume recently. In 23Q1, a local buyer picked up the 45-unit Dixon Landing Apartments for \$11.6 million (\$258,000/unit). Buyer motivations reportedly included some upside potential with a prime location near the South Hayward BART station. The 23Q2 transactions of the 21- and 22-unit La Posada Apartments and the Courtyard at Poet Corner were also deals that could each benefit from minor upgrades and higher rents in Walnut Creek. Closing prices were \$7.5 million (\$341,000/unit) and \$8 million (\$381,000/unit), respectively.

MG Properties drove a hefty portion of volume in the third quarter of 2023 with an outsized purchase in Fremont. In September, the San Diego-based firm purchased the 185-unit Artist Walk for just under \$90 million (\$485,000/unit). MG's relatively bullish outlook on the longer-term economic potential of the Bay Area

drove the elevated price. Given the newer 2018 build date, maintenance costs should be minimal in the near term and units won't need many updates to support rent growth over the hold period, which could bolster cash flow.

However, turn-key properties like Artist Walk haven't completely outshined other types of deals. Certain investors have also shown a willingness to acquire apartments creatively during a period of rising interest rates. One example is the Investment Management Group's purchase of the Stratus Apartments in Castro Valley.

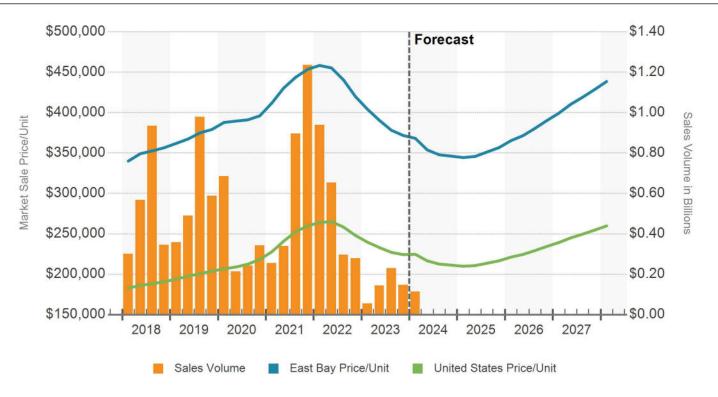
The local buyer acquired the property through a debt assumption, which allowed it to secure a lower interest rate that was put into place before the Federal Reserve's current rate hiking cycle. The loan was structured as Fannie Mae debt at a 2.82% interest rate on a 10-year term, with interest-only payments through July of 2025, followed by interest and principal payments through June of 2030. The 46-unit community was built in 1959 but had undergone a substantial renovation in the past five years. The closing price totaled \$15.5 million (\$337,000/unit).

California public agencies have made prominent investments here over the past several years as well. Both the California Statewide Communities Development Authority (CSCDA) and the California Community Housing Agency (CalCHA) utilized similar strategies to make significant asset purchases. Both CSCDA and CalCHA issue governmental purpose bonds for the purpose of financing projects that provide, preserve and support affordable local housing for low-income, moderate-income, and middle-income families and individuals.

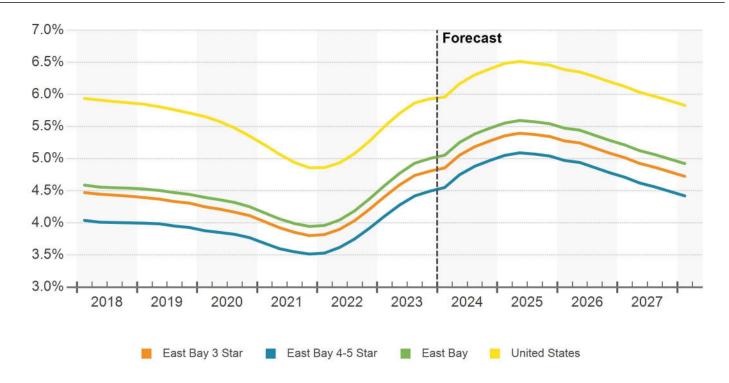




#### **SALES VOLUME & MARKET SALE PRICE PER UNIT**



#### **MARKET CAP RATE**







Sale Comparables

Avg. Price/Unit (thous.)

Average Price (mil.)

**Average Vacancy at Sale** 

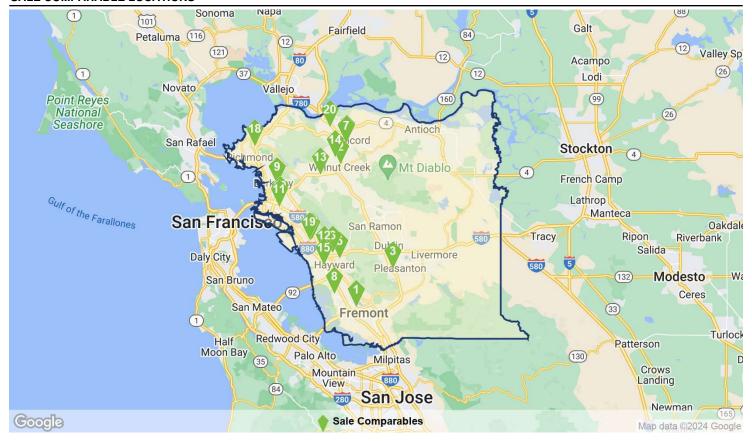
148

\$291

\$4.5

6.0%

## SALE COMPARABLE LOCATIONS



#### SALE COMPARABLES SUMMARY STATISTICS

Sales Attributes	Low	Average	Median	High
Sale Price	\$750,000	\$4,539,043	\$1,900,000	\$89,750,000
Price/Unit	\$52,727	\$291,292	\$250,000	\$690,186
Cap Rate	2.4%	5.7%	5.4%	10.4%
Vacancy Rate At Sale	0%	6.0%	0%	100%
Time Since Sale in Months	0.7	6.6	7.1	12.0
Property Attributes	Low	Average	Median	High
Property Size in Units	5	16	8	185
Number of Floors	1	2	2	8
Average Unit SF	78	813	747	2,804
Year Built	1896	1957	1962	2022
Star Rating	****	★ ★ ★ ★ 2.2	****	****



# East Bay Multi-Family

## **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
•	Artist Walk 3888 Artist Walk Commons	****	2018	185	4.9%	9/13/2023	\$89,750,000	\$485,135	\$436
2	The Boulders 530 Civic Dr	****	1971	164	7.3%	11/6/2023	\$57,956,500	\$353,393	\$497
3	The Kensington 1552 E Gate Way	****	2002	100	14.0%	1/9/2024	\$35,500,000	\$355,000	\$318
4	Sunset Pines Apartments 1770 Adelaide St	****	1967	69	0%	6/30/2023	\$22,157,500	\$321,123	\$285
5	Vermont Hills Apartments 22811 Vermont St	****	1986	64	0%	1/26/2024	\$19,770,500	\$308,914	\$294
6	Stratus Apartments 20421-20499 Anita Ave	****	1959	39	0%	6/27/2023	\$15,500,000	\$397,435	\$513
•	Coral Court Apartments 1491 Detroit Ave	****	1968	47	0%	6/30/2023	\$15,093,000	\$321,127	\$517
8	Summerhill Place 3900 Horner St	****	1986	60	0%	9/1/2023	\$15,000,000	\$250,000	\$336
9	2410-2424 Telegraph Ave	****	1919	42	8.1%	12/12/2023	\$15,000,000	\$357,142	\$378
10	612 Mariposa Ave	****	1966	50	0%	1/8/2024	\$10,600,000	\$212,000	\$210
₽	Bellevue Towers 396 Bellevue Ave	****	1960	30	6.7%	12/5/2023	\$10,250,000	\$341,666	\$336
<b>P</b>	Brightmoor 1537 165th Ave	****	1984	42	4.8%	1/8/2024	\$9,985,000	\$237,738	\$312
13	La Posada Apartments 241 Lafayette Cir	****	1964	21	4.8%	4/11/2023	\$7,993,500	\$380,642	\$303
14	The Courtyard at Poet Corner 264 Douglas Ln	****	1962	22	18.2%	5/17/2023	\$7,495,000	\$340,681	\$333
15	21788 Thelma St	****	1965	15	6.7%	8/31/2023	\$7,000,000	\$466,666	\$549
16	184 Callan Ave	****	1963	12	11.9%	7/26/2023	\$6,988,000	\$582,333	\$366
P	540 Callan Ave	****	1963	29	0%	7/26/2023	\$6,366,000	\$219,517	\$255
18	5405-5411 Morrow Dr	****	1962	31	9.7%	8/23/2023	\$6,150,000	\$198,387	\$295
19	150 Haas Ave	****	1971	24	0%	7/26/2023	\$5,807,000	\$241,958	\$206
20	Pacheco Adobe 50 Arthur Rd	****	1987	20	15.0%	8/2/2023	\$5,800,000	\$290,000	\$256



The East Bay economy has fully recovered from the fallout caused by the coronavirus pandemic, which abruptly ended the longest economic expansion in U.S. history. The East Bay and the broader Bay Area were more cautious and methodical regarding opening up the economy following shutdown measures. As retail businesses continued to reopen, the recovery picked up more steam in 2022 and 2023. According to the Bureau of Labor Statistics, employment in the East Bay metro fell by nearly 180,000 between March and April 2020, or over 15%. To date, employment now exceeds prepandemic levels by approximately 31,000 jobs.

Unemployment stood at 4.5% in late 2023, up around 150 basis points from one year prior. The East Bay rate compares to 5.1% for California and 3.7% for the nation overall. The construction, leisure and hospitality, and education and health services sectors have posted the most robust annual gains by percentage across the region, with growth in the 5% to 6% range. Leisure and hospitality payrolls continue to inch closer to the prepandemic mark, with just under 6,000 people added to payrolls in 2023.

While employment gains pre-pandemic in San Jose and San Francisco were more robust, the East Bay has significantly outpaced national average employment growth. Median income gains have also been substantial, climbing above \$100,000 and significantly outpacing the national average during the recent expansion. The East Bay benefited from the Bay Area's widespread, tech-led economic expansion from the Great Recession. Established tech players such as Workday, Lam Research, and Veeva Systems continued or expanded their East Bay presence. In addition, newcomers like fintech firms Square and Credit Karma and startups like Pleasanton-based 10x Genomics, among others, grew around the metro. Oxford Economics estimates that job growth in the East Bay will continue outperforming the national benchmark by a healthy margin over the next five years.

Outside of the tech sector, the East Bay is home to the Port of Oakland, one of the busiest ports in the U.S. and a central economic force in the metro. The East Bay is also the largest Bay Area industrial market, and

significant distribution tenants like Amazon and UPS have been expanding in the metro recently. The continued rise of e-commerce and the need for warehouse space and last-mile distribution facilities should benefit the East Bay economy and employment market.

Major U.S. research facilities, Lawrence Livermore and Lawrence Berkeley National Laboratories and Sandia National Laboratories are located in the East Bay. In addition, the East Bay is home to primary operations for a diverse set of large corporations. Employment in the healthcare industry in the East Bay includes healthcare systems Kaiser Permanente, Sutter Health, and John Muir Health, along with device and supplier companies like The Cooper Companies and Bio-Rad Laboratories. Tesla maintains a large manufacturing plant in Fremont, which is a hub for the auto giant's Model S, Model 3, Model X, and Model Y production. Additionally, The Clorox Company is headquartered in the East Bay, with offices at 1221 Broadway in Downtown Oakland.

Looking from a broader perspective, continued real estate development and public transportation infrastructure projects already in the works will strengthen economic activity in the East Bay moving forward. Most notable is the considerable amount of apartment construction throughout the market, primarily in transit-oriented projects. While these projects may face issues in the near term, the long-term outlook is for continued connectivity in the Bay Area's most affordable major metro for housing and office space.

BART's ongoing extension from the East Bay to San Jose significantly expands the commuting options for East Bay residents. Job centers in San Francisco, Downtown Oakland, and Pleasanton are becoming even more accessible from the southern portion of the East Bay. Once BART reaches San Jose, East Bay residents can look for work in the Bay Area's three major cities of San Francisco, Oakland, and San Jose. Simultaneously, constructing new BART stations through the southern end of the East Bay opens pockets for transit-oriented residential and commercial development, unlocking more economic potential for the region.

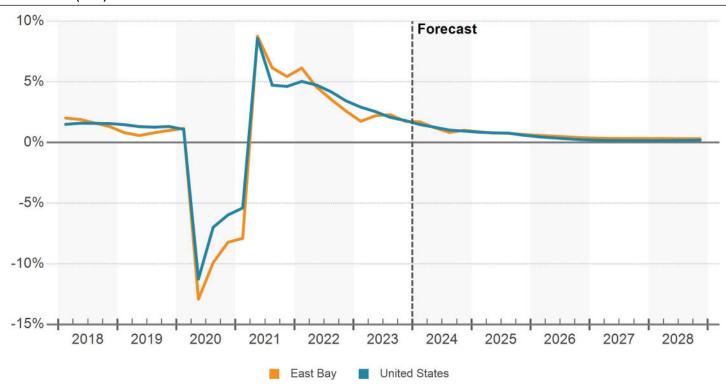


## **EAST BAY EMPLOYMENT BY INDUSTRY IN THOUSANDS**

	CURRE	NT JOBS	CURRENT	GROWTH	10 YR HIS	TORICAL	5 YR FORECAST	
Industry	Jobs	LQ	Market	US	Market	US	Market	US
Manufacturing	115	1.2	-0.12%	0.04%	3.48%	0.71%	0.96%	0.14%
Trade, Transportation and Utilities	205	0.9	0.58%	0.08%	0.88%	1.04%	0.01%	0.14%
Retail Trade	105	0.9	-0.08%	-0.15%	-0.29%	0.19%	0.00%	0.13%
Financial Activities	52	0.7	1.77%	0.62%	-0.03%	1.45%	0.09%	0.18%
Government	165	0.9	1.36%	2.40%	0.15%	0.55%	0.18%	0.33%
Natural Resources, Mining and Construction	83	1.2	5.63%	2.22%	3.57%	2.38%	0.98%	0.25%
Education and Health Services	217	1.1	2.97%	3.48%	2.51%	1.98%	0.82%	0.64%
Professional and Business Services	189	1.1	-1.57%	0.76%	0.79%	1.99%	0.23%	0.48%
Information	24	1.0	-2.07%	-1.82%	0.54%	1.10%	0.68%	0.22%
Leisure and Hospitality	120	0.9	6.95%	2.56%	1.71%	1.52%	1.09%	0.71%
Other Services	41	0.9	2.97%	1.53%	0.73%	0.66%	0.10%	0.27%
Total Employment	1,211	1.0	1.70%	1.49%	1.45%	1.35%	0.50%	0.38%

Source: Oxford Economics LQ = Location Quotient

## **JOB GROWTH (YOY)**

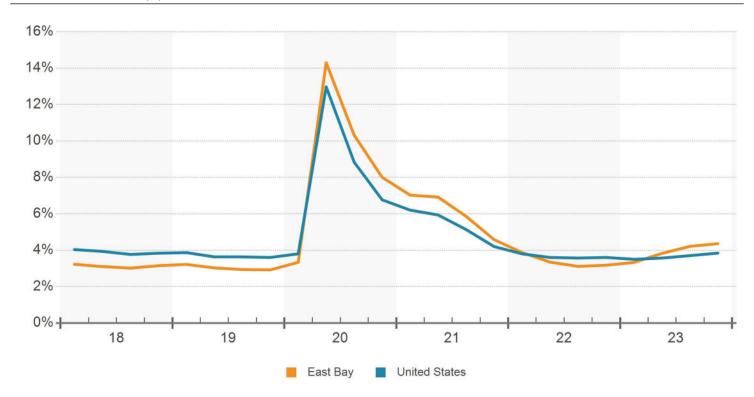


Source: Oxford Economics

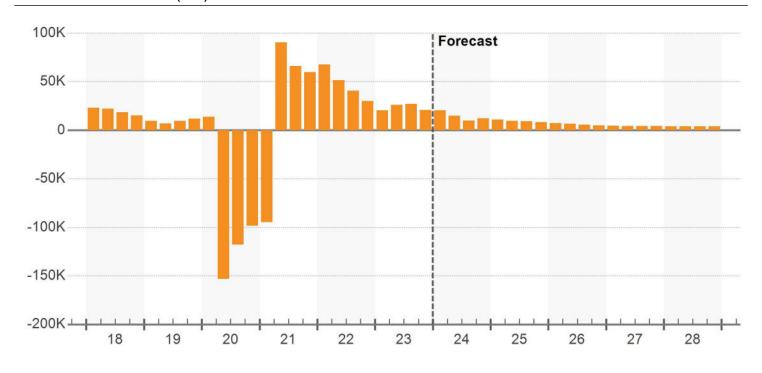




## **UNEMPLOYMENT RATE (%)**

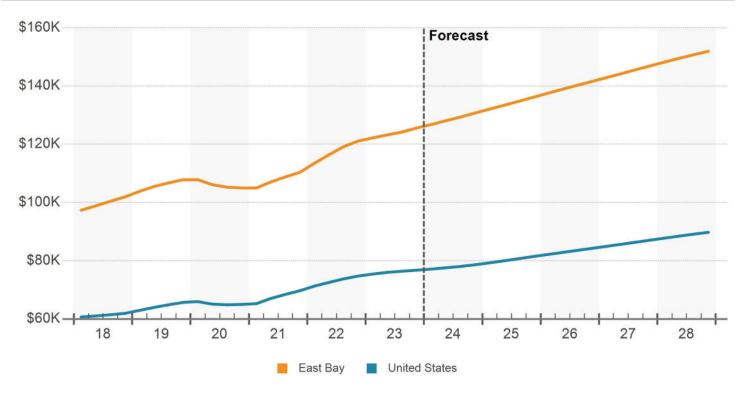


# **NET EMPLOYMENT CHANGE (YOY)**

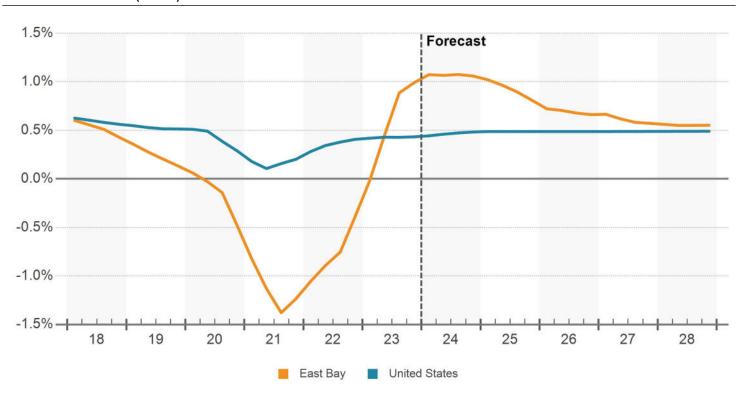




#### **MEDIAN HOUSEHOLD INCOME**



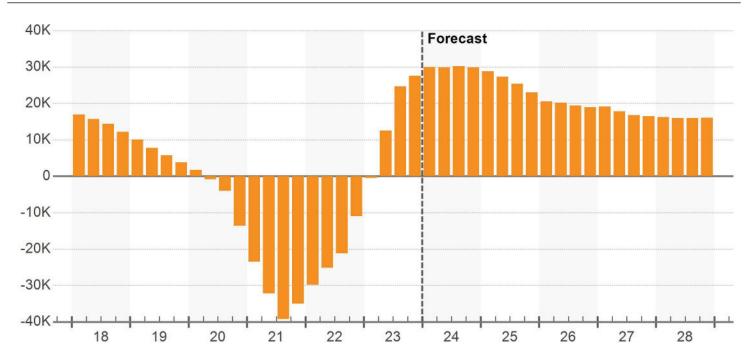
## **POPULATION GROWTH (YOY %)**







## **NET POPULATION CHANGE (YOY)**



## **DEMOGRAPHIC TRENDS**

	Curre	nt Level	12 Month	n Change	10 Year	Change	5 Year Forecast	
Demographic Category	Metro	US	Metro	US	Metro	US	Metro	US
Population	2,825,666	335,489,750	1.1%	0.4%	0.4%	0.5%	0.7%	0.5%
Households	1,028,603	131,027,992	1.2%	0.6%	0.6%	0.9%	0.8%	0.6%
Median Household Income	\$126,750	\$77,140	3.7%	2.3%	5.2%	3.9%	3.8%	3.2%
Labor Force	1,395,625	169,019,469	0.4%	1.7%	0.4%	0.8%	-0.1%	0.1%
Unemployment	4.4%	3.8%	1.0%	0.3%	-0.2%	-0.3%	-	-

Source: Oxford Economics

## **POPULATION GROWTH**



#### **LABOR FORCE GROWTH**

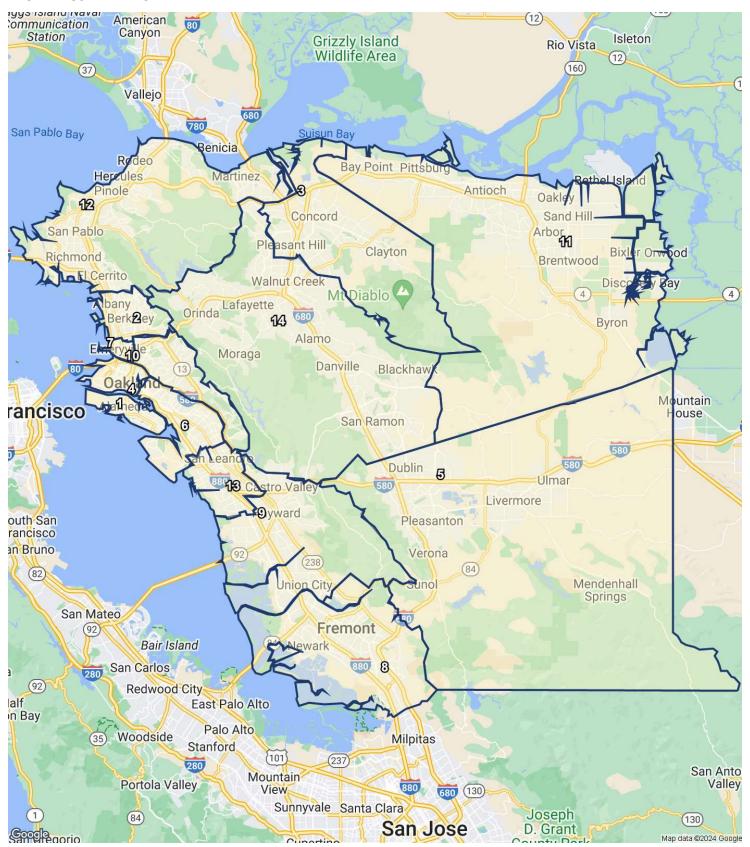


#### **INCOME GROWTH**



Source: Oxford Economics

#### **EAST BAY SUBMARKETS**







# East Bay Multi-Family

# SUBMARKET INVENTORY

		Inventory 12 Month Deliveries							Under Con	er Construction				
No.	Submarket	Bldgs	Units	% Market	Rank	Bldgs	Units	Percent	Rank	Bldgs	Units	Percent	Rank	
1	Alameda	444	8,719	4.6%	12	2	375	4.3%	3	0	0	0%	-	
2	Berkeley	1,277	17,949	9.4%	4	4	231	1.3%	5	5	475	2.6%	2	
3	Concord/Pleasant Hill	293	11,190	5.9%	9	0	0	0%	-	2	360	3.2%	5	
4	Downtown Oakland	692	21,125	11.1%	2	1	65	0.3%	7	12	2,168	10.3%	1	
5	Dublin/Pleasanton/Liverm	177	14,131	7.4%	7	2	721	5.1%	2	0	0	0%	-	
6	East Oakland	1,478	18,232	9.6%	3	4	759	4.2%	1	0	0	0%	-	
7	Emeryville	145	4,478	2.4%	14	1	186	4.2%	6	1	50	1.1%	9	
8	Fremont/Newark	467	24,690	13.0%	1	0	6	0%	8	3	404	1.6%	3	
9	Hayward/Castro Valley/U	640	14,813	7.8%	6	1	1	0%	9	1	157	1.1%	7	
10	Oakland Hills	727	10,182	5.4%	10	0	0	0%	-	1	57	0.6%	8	
11	Pittsburg/Antioch	185	7,971	4.2%	13	0	0	0%	-	0	0	0%	-	
12	Richmond/Martinez	616	11,393	6.0%	8	0	0	0%	-	1	12	0.1%	10	
13	San Leandro/San Lorenzo	415	8,983	4.7%	11	0	0	0%	-	1	196	2.2%	6	
14	Walnut Creek/San Ramon	314	16,236	8.5%	5	3	369	2.3%	4	1	381	2.3%	4	

## **SUBMARKET RENT**

			Asking I	Rents		Effective Rents						
No.	Market	Per Unit	Per SF	Rank	Yr. Growth	Per Unit	Per SF	Rank	Yr. Growth	Concession	Rank	
1	Alameda	\$2,584	\$3.21	2	-1.9%	\$2,542	\$3.16	2	-1.8%	1.6%	2	
2	Berkeley	\$2,811	\$4.17	1	-1.6%	\$2,791	\$4.14	1	-0.7%	0.7%	11	
3	Concord/Pleasant Hill	\$2,128	\$2.64	12	0.6%	\$2,102	\$2.61	12	0.7%	1.2%	4	
4	Downtown Oakland	\$2,329	\$3.17	3	-6.7%	\$2,282	\$3.10	4	-5.1%	2.0%	1	
5	Dublin/Pleasanton/Liverm	\$2,722	\$3.04	8	0.1%	\$2,698	\$3.01	8	0.3%	0.9%	9	
6	East Oakland	\$1,796	\$2.53	13	-0.3%	\$1,778	\$2.50	13	0.7%	1.0%	7	
7	Emeryville	\$2,779	\$3.08	6	-3.1%	\$2,748	\$3.04	6	-3.6%	1.1%	5	
8	Fremont/Newark	\$2,599	\$3.12	5	-0.1%	\$2,572	\$3.09	5	0.2%	1.0%	6	
9	Hayward/Castro Valley/U	\$2,196	\$2.71	9	0%	\$2,179	\$2.69	9	0.9%	0.7%	10	
10	Oakland Hills	\$2,173	\$3.05	7	-3.4%	\$2,160	\$3.04	7	-1.5%	0.6%	13	
11	Pittsburg/Antioch	\$2,054	\$2.40	14	-0.8%	\$2,026	\$2.37	14	-1.0%	1.4%	3	
12	Richmond/Martinez	\$2,116	\$2.67	11	-1.2%	\$2,104	\$2.66	11	-0.8%	0.5%	14	
13	San Leandro/San Lorenzo	\$2,059	\$2.70	10	0%	\$2,039	\$2.68	10	0%	1.0%	8	
14	Walnut Creek/San Ramon	\$2,613	\$3.15	4	1.3%	\$2,595	\$3.12	3	1.7%	0.7%	12	



# SUBMARKET VACANCY & ABSORPTION

			Vacancy			12 Month	Absorption	
No.	Submarket	Units	Percent	Rank	Units	% of Inv	Rank	Construc. Ratio
1	Alameda	806	9.2%	13	473	5.4%	2	0.8
2	Berkeley	1,439	8.0%	9	506	2.8%	1	0.5
3	Concord/Pleasant Hill	648	5.8%	5	124	1.1%	10	-
4	Downtown Oakland	1,893	9.0%	12	324	1.5%	6	0.2
5	Dublin/Pleasanton/Liverm	1,011	7.2%	8	452	3.2%	4	1.6
6	East Oakland	1,750	9.6%	14	172	0.9%	8	4.4
7	Emeryville	382	8.5%	11	241	5.4%	7	0.8
8	Fremont/Newark	1,121	4.5%	1	6	0%	12	-
9	Hayward/Castro Valley/U	822	5.5%	3	151	1.0%	9	-
10	Oakland Hills	514	5.0%	2	97	1.0%	11	-
11	Pittsburg/Antioch	655	8.2%	10	327	4.1%	5	-
12	Richmond/Martinez	732	6.4%	7	(11)	-0.1%	13	-
13	San Leandro/San Lorenzo	509	5.7%	4	(45)	-0.5%	14	-
14	Walnut Creek/San Ramon	972	6.0%	6	470	2.9%	3	0.8





## **OVERALL SUPPLY & DEMAND**

		Inventory			Absorption	
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio
2028	196,453	1,440	0.7%	1,656	0.8%	0.9
2027	195,013	725	0.4%	1,354	0.7%	0.5
2026	194,288	1,189	0.6%	1,675	0.9%	0.7
2025	193,099	1,824	1.0%	2,259	1.2%	0.8
2024	191,275	1,554	0.8%	2,607	1.4%	0.6
YTD	190,099	378	0.2%	638	0.3%	0.6
2023	189,721	2,387	1.3%	3,057	1.6%	0.8
2022	187,334	5,037	2.8%	1,480	0.8%	3.4
2021	182,297	3,680	2.1%	6,944	3.8%	0.5
2020	178,617	4,032	2.3%	50	0%	80.6
2019	174,585	3,293	1.9%	1,960	1.1%	1.7
2018	171,292	1,995	1.2%	1,404	0.8%	1.4
2017	169,297	1,307	0.8%	879	0.5%	1.5
2016	167,990	1,521	0.9%	499	0.3%	3.0
2015	166,469	1,203	0.7%	970	0.6%	1.2
2014	165,266	1,028	0.6%	1,284	0.8%	0.8
2013	164,238	481	0.3%	662	0.4%	0.7
2012	163,757	691	0.4%	958	0.6%	0.7

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

		Inventory			Absorption	
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio
2028	45,884	1,480	3.3%	1,240	2.7%	1.2
2027	44,404	766	1.8%	775	1.7%	1.0
2026	43,638	1,071	2.5%	1,186	2.7%	0.9
2025	42,567	1,181	2.9%	1,344	3.2%	0.9
2024	41,386	1,557	3.9%	2,673	6.5%	0.6
YTD	40,207	378	0.9%	571	1.4%	0.7
2023	39,829	2,238	6.0%	3,072	7.7%	0.7
2022	37,591	4,492	13.6%	2,573	6.8%	1.7
2021	33,099	3,465	11.7%	4,936	14.9%	0.7
2020	29,634	3,993	15.6%	2,132	7.2%	1.9
2019	25,641	3,105	13.8%	2,134	8.3%	1.5
2018	22,536	2,002	9.7%	1,205	5.3%	1.7
2017	20,534	1,325	6.9%	1,438	7.0%	0.9
2016	19,209	1,502	8.5%	934	4.9%	1.6
2015	17,707	1,191	7.2%	1,005	5.7%	1.2
2014	16,516	1,043	6.7%	1,091	6.6%	1.0
2013	15,473	555	3.7%	502	3.2%	1.1
2012	14,918	750	5.3%	836	5.6%	0.9





# East Bay Multi-Family

## **3 STAR SUPPLY & DEMAND**

		Inventory		Absorption				
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio		
2028	49,734	0	0%	154	0.3%	0		
2027	49,734	0	0%	238	0.5%	0		
2026	49,734	158	0.3%	394	0.8%	0.4		
2025	49,576	679	1.4%	606	1.2%	1.1		
2024	48,897	0	0%	44	0.1%	0		
YTD	48,897	0	0%	75	0.2%	0		
2023	48,897	173	0.4%	285	0.6%	0.6		
2022	48,724	498	1.0%	(238)	-0.5%	-		
2021	48,226	223	0.5%	837	1.7%	0.3		
2020	48,003	30	0.1%	(618)	-1.3%	0		
2019	47,973	188	0.4%	55	0.1%	3.4		
2018	47,785	(15)	0%	140	0.3%	-		
2017	47,800	(2)	0%	(83)	-0.2%	0		
2016	47,802	56	0.1%	(200)	-0.4%	-		
2015	47,746	0	0%	(38)	-0.1%	0		
2014	47,746	15	0%	170	0.4%	0.1		
2013	47,731	0	0%	33	0.1%	0		
2012	47,731	0	0%	265	0.6%	0		

# 1 & 2 STAR SUPPLY & DEMAND

		Inventory		Absorption				
Year	Units	Growth	% Growth	Units	% of Inv	Construction Ratio		
2028	100,835	(40)	0%	262	0.3%	-		
2027	100,875	(41)	0%	341	0.3%	-		
2026	100,916	(40)	0%	95	0.1%	-		
2025	100,956	(36)	0%	309	0.3%	-		
2024	100,992	(3)	0%	(110)	-0.1%	0		
YTD	100,995	0	0%	(8)	0%	0		
2023	100,995	(24)	0%	(300)	-0.3%	0.1		
2022	101,019	47	0%	(855)	-0.8%	-		
2021	100,972	(8)	0%	1,171	1.2%	0		
2020	100,980	9	0%	(1,464)	-1.4%	0		
2019	100,971	0	0%	(229)	-0.2%	0		
2018	100,971	8	0%	59	0.1%	0.1		
2017	100,963	(16)	0%	(476)	-0.5%	0		
2016	100,979	(37)	0%	(235)	-0.2%	0.2		
2015	101,016	12	0%	3	0%	4.0		
2014	101,004	(30)	0%	23	0%	-		
2013	101,034	(74)	-0.1%	127	0.1%	-		
2012	101,108	(59)	-0.1%	(143)	-0.1%	0.4		





## **OVERALL VACANCY & RENT**

		Vacancy			Mark		Effective Rents		
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Units	Per SF
2028	10,696	5.4%	(0.2)	\$2,768	\$3.49	2.7%	(0.2)	\$2,735	\$3.45
2027	10,912	5.6%	(0.3)	\$2,694	\$3.40	2.9%	(0.5)	\$2,663	\$3.36
2026	11,542	5.9%	(0.3)	\$2,617	\$3.30	3.4%	(0.4)	\$2,586	\$3.26
2025	12,029	6.2%	(0.3)	\$2,531	\$3.19	3.8%	1.3	\$2,501	\$3.16
2024	12,465	6.5%	(0.6)	\$2,438	\$3.08	2.5%	3.1	\$2,410	\$3.04
YTD	13,255	7.0%	(0.2)	\$2,389	\$3	-1.1%	(0.5)	\$2,363	\$2.97
2023	13,516	7.1%	(0.4)	\$2,379	\$2.99	-0.6%	(1.7)	\$2,344	\$2.94
2022	14,180	7.6%	1.7	\$2,393	\$3.01	1.1%	(3.5)	\$2,357	\$2.96
2021	10,623	5.8%	(1.9)	\$2,366	\$2.97	4.6%	6.8	\$2,331	\$2.93
2020	13,875	7.8%	2.1	\$2,261	\$2.84	-2.1%	(3.6)	\$2,211	\$2.77
2019	9,893	5.7%	0.7	\$2,311	\$2.90	1.4%	(1.2)	\$2,292	\$2.88
2018	8,555	5.0%	0.3	\$2,278	\$2.86	2.6%	0	\$2,245	\$2.82
2017	7,967	4.7%	0.2	\$2,220	\$2.79	2.6%	0.2	\$2,187	\$2.75
2016	7,543	4.5%	0.6	\$2,163	\$2.72	2.4%	(5.1)	\$2,132	\$2.68
2015	6,520	3.9%	0.1	\$2,112	\$2.65	7.6%	2.3	\$2,094	\$2.63
2014	6,287	3.8%	(0.2)	\$1,963	\$2.46	5.3%	0	\$1,949	\$2.45
2013	6,543	4.0%	(0.1)	\$1,864	\$2.34	5.3%	1.1	\$1,853	\$2.32
2012	6,725	4.1%	(0.2)	\$1,771	\$2.22	4.1%	-	\$1,761	\$2.21

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

		Vacancy			Mark	et Rent		Effective Rents		
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Units	Per SF	
2028	3,481	7.6%	0.3	\$3,412	\$3.90	2.5%	(0.3)	\$3,344	\$3.82	
2027	3,242	7.3%	(0.1)	\$3,328	\$3.80	2.8%	(0.5)	\$3,262	\$3.73	
2026	3,251	7.4%	(0.5)	\$3,236	\$3.70	3.3%	(0.4)	\$3,172	\$3.62	
2025	3,366	7.9%	(0.6)	\$3,133	\$3.58	3.7%	1.7	\$3,071	\$3.51	
2024	3,529	8.5%	(3.1)	\$3,021	\$3.45	1.9%	4.2	\$2,962	\$3.38	
YTD	4,453	11.1%	(0.6)	\$2,957	\$3.36	-3.5%	(1.3)	\$2,908	\$3.30	
2023	4,646	11.7%	(2.9)	\$2,964	\$3.37	-2.2%	(0.9)	\$2,882	\$3.27	
2022	5,478	14.6%	3.8	\$3,031	\$3.45	-1.3%	(6.2)	\$2,943	\$3.35	
2021	3,556	10.7%	(6.2)	\$3,070	\$3.49	4.9%	8.8	\$2,979	\$3.39	
2020	5,025	17.0%	4.7	\$2,926	\$3.33	-3.9%	(4.9)	\$2,794	\$3.18	
2019	3,154	12.3%	2.6	\$3,044	\$3.46	1.1%	(1.4)	\$3,008	\$3.42	
2018	2,177	9.7%	2.9	\$3,011	\$3.43	2.5%	0	\$2,960	\$3.37	
2017	1,381	6.7%	(1.1)	\$2,939	\$3.34	2.5%	0.6	\$2,889	\$3.29	
2016	1,495	7.8%	2.5	\$2,867	\$3.26	1.9%	(3.4)	\$2,810	\$3.20	
2015	927	5.2%	0.7	\$2,812	\$3.20	5.3%	1.9	\$2,781	\$3.16	
2014	742	4.5%	(0.6)	\$2,669	\$3.04	3.5%	(1.3)	\$2,648	\$3.01	
2013	791	5.1%	0.2	\$2,579	\$2.93	4.8%	1.4	\$2,562	\$2.91	
2012	739	5.0%	(0.9)	\$2,462	\$2.80	3.4%	-	\$2,446	\$2.78	





## **3 STAR VACANCY & RENT**

		Vacancy			Mark		Effective Rents		
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Units	Per SF
2028	2,252	4.5%	(0.3)	\$2,789	\$3.44	2.9%	(0.2)	\$2,767	\$3.41
2027	2,406	4.8%	(0.5)	\$2,712	\$3.34	3.0%	(0.5)	\$2,691	\$3.31
2026	2,644	5.3%	(0.5)	\$2,632	\$3.24	3.5%	(0.4)	\$2,611	\$3.22
2025	2,881	5.8%	0.1	\$2,543	\$3.13	3.9%	1.4	\$2,523	\$3.11
2024	2,808	5.7%	(0.1)	\$2,449	\$3.02	2.5%	2.0	\$2,429	\$2.99
YTD	2,776	5.7%	(0.2)	\$2,417	\$2.97	0.4%	(0.2)	\$2,400	\$2.95
2023	2,852	5.8%	(0.2)	\$2,389	\$2.93	0.5%	(1.5)	\$2,366	\$2.91
2022	2,963	6.1%	1.5	\$2,376	\$2.92	2.1%	(4.9)	\$2,356	\$2.89
2021	2,226	4.6%	(1.3)	\$2,329	\$2.86	6.9%	9.2	\$2,312	\$2.84
2020	2,839	5.9%	1.3	\$2,178	\$2.67	-2.3%	(4.0)	\$2,155	\$2.65
2019	2,192	4.6%	0.3	\$2,228	\$2.74	1.8%	(1.1)	\$2,216	\$2.72
2018	2,058	4.3%	(0.3)	\$2,189	\$2.69	2.9%	0.3	\$2,160	\$2.65
2017	2,214	4.6%	0.2	\$2,127	\$2.61	2.6%	0.7	\$2,091	\$2.57
2016	2,133	4.5%	0.5	\$2,074	\$2.55	1.9%	(8.0)	\$2,044	\$2.51
2015	1,877	3.9%	0.1	\$2,036	\$2.50	9.9%	3.1	\$2,021	\$2.48
2014	1,838	3.9%	(0.3)	\$1,853	\$2.27	6.8%	0.3	\$1,839	\$2.26
2013	1,993	4.2%	(0.1)	\$1,735	\$2.13	6.4%	0.5	\$1,723	\$2.11
2012	2,027	4.2%	(0.6)	\$1,630	\$2	5.9%	-	\$1,620	\$1.99

# 1 & 2 STAR VACANCY & RENT

		Vacancy		Mark		Effective Rents			
Year	Units	Percent	Ppts Chg	Per Unit	Per SF	% Growth	Ppts Chg	Units	Per SF
2028	4,963	4.9%	(0.3)	\$2,296	\$3.18	2.8%	(0.2)	\$2,280	\$3.16
2027	5,265	5.2%	(0.4)	\$2,233	\$3.09	3.0%	(0.5)	\$2,218	\$3.07
2026	5,647	5.6%	(0.1)	\$2,168	\$3	3.5%	(0.4)	\$2,153	\$2.98
2025	5,782	5.7%	(0.3)	\$2,096	\$2.90	3.8%	0.8	\$2,081	\$2.88
2024	6,128	6.1%	0.1	\$2,018	\$2.79	3.0%	2.9	\$2,004	\$2.77
YTD	6,027	6.0%	0	\$1,965	\$2.70	0.2%	0	\$1,950	\$2.68
2023	6,019	6.0%	0.3	\$1,959	\$2.69	0.1%	(2.9)	\$1,946	\$2.68
2022	5,739	5.7%	0.9	\$1,956	\$2.69	3.1%	0.8	\$1,943	\$2.67
2021	4,841	4.8%	(1.2)	\$1,898	\$2.61	2.3%	2.3	\$1,887	\$2.59
2020	6,012	6.0%	1.4	\$1,856	\$2.55	0%	(1.6)	\$1,842	\$2.53
2019	4,548	4.5%	0.2	\$1,856	\$2.55	1.5%	(1.0)	\$1,845	\$2.53
2018	4,320	4.3%	(0.1)	\$1,828	\$2.51	2.5%	(0.3)	\$1,804	\$2.48
2017	4,372	4.3%	0.5	\$1,783	\$2.45	2.9%	(0.7)	\$1,764	\$2.42
2016	3,915	3.9%	0.2	\$1,733	\$2.38	3.5%	(4.6)	\$1,720	\$2.36
2015	3,717	3.7%	0	\$1,674	\$2.30	8.1%	1.9	\$1,665	\$2.28
2014	3,707	3.7%	(0.1)	\$1,548	\$2.12	6.2%	1.4	\$1,539	\$2.11
2013	3,759	3.7%	(0.2)	\$1,458	\$1.99	4.8%	1.4	\$1,451	\$1.98
2012	3,960	3.9%	0.1	\$1,391	\$1.90	3.4%	-	\$1,384	\$1.89





#### **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
2028	-	-	-	-	-	-	\$466,095	308	4.7%
2027	-	-	-	-	-	-	\$428,439	283	5.0%
2026	-	-	-	-	-	-	\$390,038	257	5.3%
2025	-	-	-	-	-	-	\$356,601	235	5.5%
2024	-	-	-	-	-	-	\$346,072	228	5.5%
YTD	26	\$114.6M	0.3%	\$4,583,412	\$265,859	5.9%	\$368,803	243	5.0%
2023	140	\$575.1M	1.1%	\$4,259,961	\$290,599	5.6%	\$371,600	245	5.0%
2022	290	\$2.2B	3.3%	\$7,469,961	\$352,070	5.0%	\$419,617	277	4.4%
2021	305	\$2.7B	4.1%	\$8,932,907	\$368,081	5.0%	\$453,362	299	3.9%
2020	215	\$1.5B	2.8%	\$7,127,738	\$314,837	5.3%	\$395,920	261	4.3%
2019	374	\$2.4B	4.7%	\$9,891,363	\$360,492	5.1%	\$379,061	250	4.4%
2018	449	\$2.1B	5.3%	\$8,196,555	\$325,526	4.8%	\$356,463	235	4.5%
2017	557	\$1.8B	5.3%	\$5,659,428	\$260,652	5.0%	\$331,483	219	4.6%
2016	435	\$1.7B	4.9%	\$5,379,076	\$240,041	5.2%	\$307,242	203	4.7%
2015	476	\$1.3B	4.8%	\$3,880,349	\$194,958	5.1%	\$284,530	188	4.8%
2014	397	\$1.4B	6.2%	\$4,275,642	\$197,148	5.8%	\$255,773	169	5.0%
2013	404	\$1.6B	5.9%	\$4,836,130	\$197,792	6.4%	\$226,430	149	5.3%

<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	
2028	-	-	-	-	-	-	\$713,652	309	4.2%	
2027	-	-	-	-	-	-	\$654,199	284	4.5%	
2026	-	-	-	-	-	-	\$593,510	257	4.8%	
2025	-	-	-	-	-	-	\$541,143	235	5.0%	
2024	-	-	-	-	-	-	\$526,138	228	5.0%	
YTD	1	\$0	0.4%	-	-	-	\$564,425	245	4.5%	
2023	2	\$91.3M	0.5%	\$45,666,500	\$480,700	5.7%	\$571,580	248	4.5%	
2022	8	\$363.4M	1.8%	\$45,430,688	\$533,694	-	\$649,021	281	3.9%	
2021	10	\$1B	5.7%	\$103,529,700	\$548,066	3.8%	\$707,196	307	3.5%	
2020	2	\$158.9M	0.9%	\$79,447,500	\$588,500	4.3%	\$624,010	270	3.8%	
2019	15	\$875.2M	7.1%	\$62,512,660	\$509,120	4.3%	\$600,380	260	3.9%	
2018	11	\$748.4M	10.8%	\$83,157,168	\$459,714	4.6%	\$567,421	246	4.0%	
2017	7	\$249.7M	2.6%	\$41,620,833	\$468,527	4.4%	\$521,849	226	4.1%	
2016	8	\$353.4M	4.8%	\$44,173,018	\$379,575	4.5%	\$483,546	210	4.2%	
2015	5	\$210.4M	4.6%	\$42,074,167	\$260,038	4.9%	\$445,953	193	4.3%	
2014	5	\$214.9M	5.7%	\$53,728,750	\$296,844	5.2%	\$404,697	175	4.4%	
2013	12	\$590M	13.9%	\$59,002,352	\$293,983	4.8%	\$356,522	155	4.7%	

<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	(2)	
Year	Deals	Volume	Turnover	Avg Price	Avg Price/Unit	Avg Cap Rate	Price/Unit	Price Index	Cap Rate
2028	-	-	-	-	-	-	\$449,050	331	4.5%
2027	-	-	-	-	-	-	\$412,129	304	4.8%
2026	-	-	-	-	-	-	\$374,680	277	5.1%
2025	-	-	-	-	-	-	\$342,163	253	5.3%
2024	-	-	-	-	-	-	\$331,946	245	5.3%
YTD	8	\$63.3M	0.4%	\$7,913,913	\$298,638	6.7%	\$353,713	261	4.9%
2023	16	\$106.3M	0.7%	\$6,643,989	\$306,351	5.2%	\$356,359	263	4.8%
2022	29	\$642.1M	3.4%	\$22,140,152	\$387,019	4.6%	\$400,490	296	4.2%
2021	28	\$640.1M	3.6%	\$22,859,214	\$364,290	4.7%	\$432,012	319	3.8%
2020	32	\$574M	3.6%	\$19,132,975	\$368,414	5.1%	\$371,791	274	4.1%
2019	42	\$739M	4.4%	\$19,447,092	\$356,311	5.0%	\$354,941	262	4.3%
2018	40	\$642.2M	4.0%	\$18,889,601	\$342,897	4.9%	\$331,588	245	4.4%
2017	55	\$522.6M	4.8%	\$12,153,326	\$241,160	5.3%	\$308,726	228	4.5%
2016	38	\$461.3M	4.0%	\$13,179,471	\$244,452	5.0%	\$286,180	211	4.6%
2015	39	\$465.6M	4.2%	\$12,253,368	\$234,692	5.1%	\$261,771	193	4.7%
2014	45	\$586.2M	9.5%	\$16,283,502	\$241,535	5.0%	\$234,587	173	4.9%
2013	35	\$445.3M	6.2%	\$15,904,275	\$224,909	5.8%	\$206,057	152	5.2%

<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	
2028	-	-	-	-	-	-	\$367,544	294	5.1%	
2027	-	-	-	-	-	-	\$338,943	271	5.3%	
2026	-	-	-	-	-	-	\$309,701	247	5.6%	
2025	-	-	-	-	-	-	\$283,989	227	5.9%	
2024	-	-	-	-	-	-	\$275,240	220	5.8%	
YTD	17	\$51.3M	0.2%	\$3,016,118	\$234,128	5.4%	\$291,725	233	5.4%	
2023	122	\$377.5M	1.5%	\$3,226,136	\$261,760	5.7%	\$292,713	234	5.3%	
2022	253	\$1.2B	3.8%	\$4,588,059	\$304,427	5.1%	\$329,934	264	4.7%	
2021	267	\$1B	3.7%	\$3,929,519	\$279,335	5.1%	\$354,219	283	4.2%	
2020	181	\$749.7M	2.9%	\$4,259,575	\$260,217	5.3%	\$309,267	247	4.5%	
2019	317	\$799.3M	4.2%	\$4,163,156	\$275,440	5.1%	\$295,328	236	4.7%	
2018	398	\$756.8M	4.6%	\$3,455,875	\$244,456	4.8%	\$277,578	222	4.8%	
2017	495	\$1B	6.1%	\$3,832,838	\$244,502	4.9%	\$260,451	208	4.9%	
2016	389	\$869M	5.4%	\$3,218,463	\$207,098	5.2%	\$241,450	193	5.0%	
2015	432	\$651.1M	5.1%	\$2,177,527	\$162,202	5.1%	\$226,003	181	5.1%	
2014	347	\$635.5M	4.7%	\$2,146,942	\$153,650	5.9%	\$201,870	161	5.3%	
2013	357	\$531.6M	4.5%	\$1,858,612	\$135,086	6.5%	\$180,263	144	5.6%	

<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
2028	-	196,456	5.4%	-	1,494	-	1,441	-	-
2027	-	195,015	5.6%	-	747	-	725	-	-
2026	-	194,290	5.9%	-	1,221	-	1,190	-	-
2025	-	193,100	6.2%	-	1,860	-	1,824	-	-
2024	-	191,276	6.5%	-	1,557	-	1,555	-	-
YTD	7,871	190,099	7.0%	1	378	1	378	28	4,260
2023	7,870	189,721	7.1%	19	2,418	18	2,387	29	4,638
2022	7,852	187,334	7.6%	28	5,037	28	5,037	39	5,545
2021	7,824	182,297	5.8%	24	3,688	23	3,680	42	7,121
2020	7,801	178,617	7.8%	24	4,032	24	4,032	51	8,187
2019	7,777	174,585	5.7%	24	3,293	24	3,293	58	10,244
2018	7,753	171,292	5.0%	15	2,043	12	1,994	51	9,449
2017	7,741	169,297	4.7%	14	1,337	11	1,307	37	6,612
2016	7,730	167,990	4.5%	14	1,558	10	1,521	29	3,853
2015	7,720	166,469	3.9%	10	1,239	8	1,202	22	2,605
2014	7,712	165,266	3.8%	6	1,058	5	1,028	13	1,437
2013	7,707	164,238	4.0%	4	555	2	481	14	2,094
2012	7,705	163,757	4.1%	3	750	(1)	691	8	1,636



