

ALLEN MATKINS | UCLA ANDERSON FORECAST

COMMERCIAL REAL ESTATE SURVEY

Allen Matkins

Winter 2021
Issue No. 28

UCLA Anderson
Forecast

Office | Multi-Family | Industrial | Retail

Allen Markins **FORECAST**

- A Increase faster than the rate of inflation
- B Increase slower than or at the rate of inflation
- C Stay the same
- D Decrease
- E N/A

9. If you invest in office space in Los Angeles, do you forecast that between 2014 and 2015, the vacancy rate in Los Angeles will:

- A Increase
- B Decrease
- C Stay the same
- D N/A

10. If you invest in office space in San Diego, do you forecast that between 2014 and 2015, the vacancy rate in San Diego will:

- A Increase
- B Decrease
- C Stay the same
- D N/A

11. If you invest in office space in Orange County, do you forecast that between 2014 and 2015, the vacancy rate in Orange County will:

- A Increase
- B Decrease
- C Stay the same
- D N/A

12. In the last 12 months, the number of office buildings under construction in the Los Angeles area has:

- A Increased
- B Decreased
- C Stayed the same
- D N/A

13. In the last 12 months, the number of office buildings under construction in the San Diego area has:

- A Increased
- B Decreased
- C Stayed the same
- D N/A

14. In the last 12 months, the number of office buildings under construction in the Orange County area has:

- A Increased
- B Decreased
- C Stayed the same
- D N/A



Welcome to the latest edition of the Allen Matkins/UCLA Anderson Forecast California Commercial Real Estate Survey and Index

Allen Matkins and UCLA Anderson Forecast have partnered to create a Commercial Real Estate Survey and Index to better predict future California commercial rental and vacancy rates. This tool surveys supply-side participants – commercial developers and financiers of commercial development – for insights into their markets. The Survey and the resulting Index provide a measure of the commercial real estate supply-side participants' view of current and future conditions. Since participants make investment actions based upon these views, it provides a leading indicator of changing supply conditions.

Through an analysis of the Index and the incorporation of the Index into other economic forecasting models, the Survey, now in its 28th issue, is designed to provide more accurate information on future office, industrial, retail, and multi-family space in major California geographical markets.

The Allen Matkins and UCLA Anderson Forecast partnership

At Allen Matkins, a California-based top-ranked law firm according to *Chambers USA*, we have been fortunate to work with and assist leading institutions, developers, and lenders in the real estate industry. We have prospered, along with our clients, in this vital sector of the California economy. We sponsor this Survey to provide value to the industry. We have partnered with UCLA Anderson Forecast, the leading independent economic forecast of both the U.S. and California economies for over 65 years, and have tapped the knowledge of the leading developers and financiers of real estate development in California to provide what we believe is the best, clear-sighted forecast of the California commercial real estate industry.

We hope you will find this Survey and Index to be helpful.

A handwritten signature in black ink that reads "John M. Tipton". The signature is written in a cursive, flowing style.

John M. Tipton
Partner, Real Estate Department
Allen Matkins

ECONOMIC STRESS AND ECONOMIC OPPORTUNITY



The Allen Matkins/UCLA Anderson Forecast California Commercial Real Estate Survey for 2021-2023

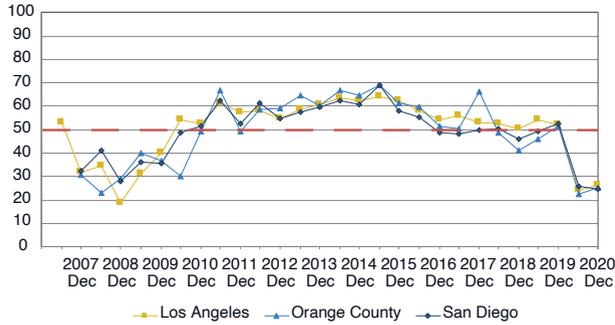
Jerry Nickelsburg
Adjunct Professor of Economics, UCLA Anderson School
Senior Economist and Director, UCLA Anderson Forecast

Each economic recession is a little bit different, but this one is a lot different. Through the post-World War II period, recessions have been characterized by downturns in the purchase of goods by households, and by a slackening in housing markets. But today they are not. Consequently, multi-family housing and industrial space remain in the growth portion of their business cycles. But these unusual recession trends are not seen in either retail or office space markets. Both are in a more normal recession pattern of a downward trajectory with the rest of the economy.

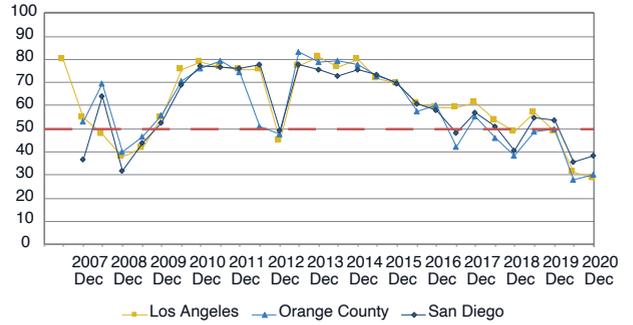
Statistical forecast analysis has as its basis the proposition that past statistical relationships hold into the future. A knowledge of those correlations, current data, and perhaps some assumptions about data not yet known, lead to the forecast. Today, the ability to use past data to forecast into the future is more limited than before. However, forward-looking surveys such as the Allen Matkins/UCLA Anderson Forecast California CRE Survey, taken contemporaneously, can enrich our understanding and projections. The Survey has a rich set of questions such that, indirect qualitative inference can be made.

The Allen Matkins/UCLA Anderson Forecast California CRE Survey compiles the views of commercial real estate developers, owners, and investors with respect to markets three years hence. The three-year time horizon was chosen to approximate the average time a new commercial project requires for completion (though projects with significant environmental issues often take much longer). The panelists' views on vacancy and rental rates are key ingredients to their own business plans for new projects, and as such, the Survey provides insights into new, not yet on the radar, building projects and is a leading indicator of future commercial construction. For example, if a developer were optimistic about economic conditions in Silicon Valley's office market in 2023, then initial work for a new project with an expected ready-for-occupancy date of 2023 — a business plan, preliminary architecture, and a search for financial backing — would have to begin no later than the latter part of 2020. Although optimism does not always translate into new construction projects, this sentiment is usually a prerequisite for it.

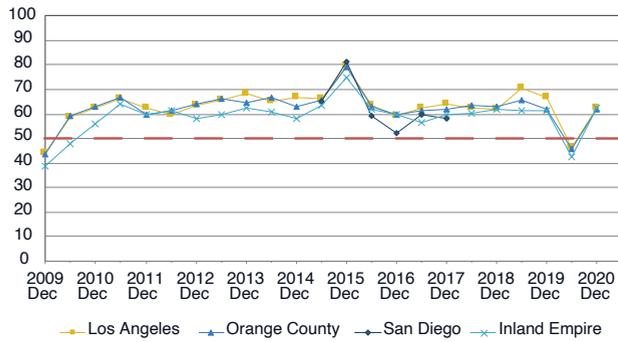
Southern California Office Rental Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



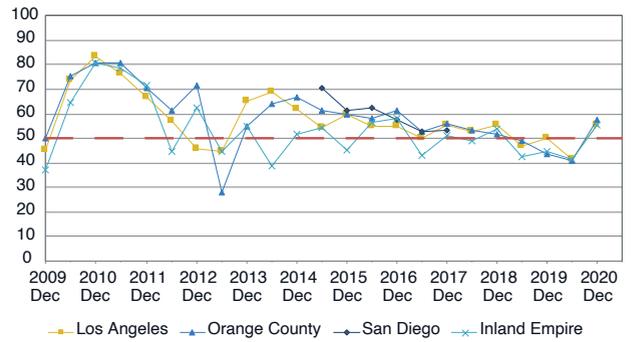
Southern California Office Vacancy Rates
Indexes of Survey: 3 year forecast
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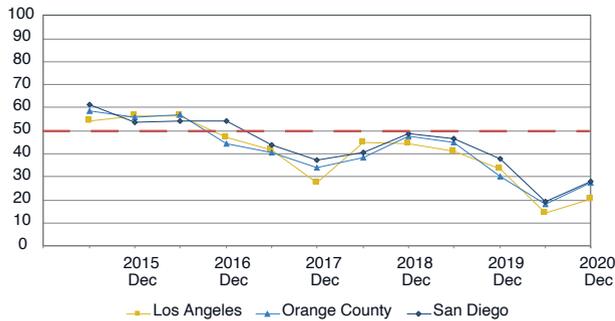
Southern California Industrial Rental Rates
Indexes of Survey Responses
(<50 market weakening, >50 market tightening)



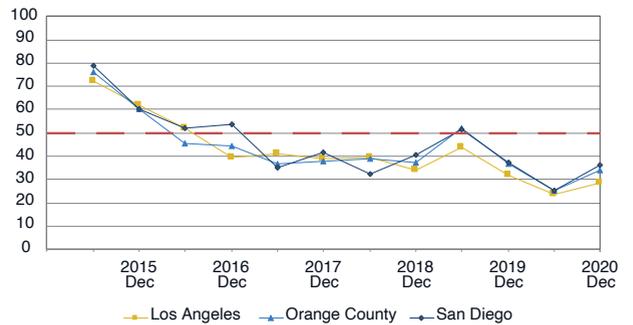
Southern California Industrial Vacancy Rates
Indexes of Survey Responses
(<50 market weakening, >50 market tightening)



Southern California Retail Rental Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



Southern California Retail Vacancy Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



OFFICE SPACE MARKETS

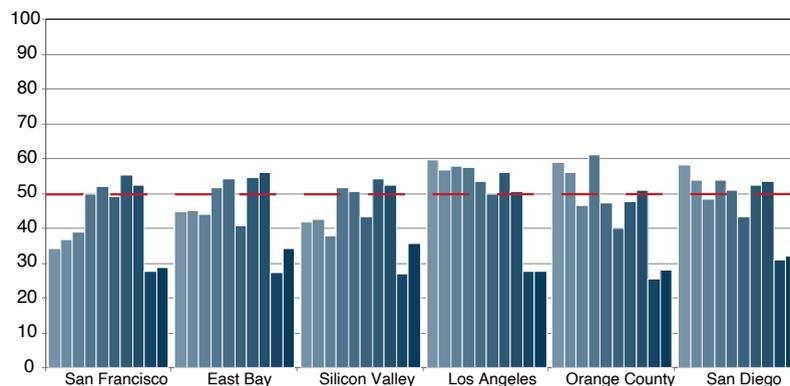
What is the future of the office building? That is the money question on the mind of all who own or develop office space. There will surely be differences, perhaps dramatic ones. Office using employment, as it historically has been defined, will undoubtedly increase in the next expansion as technology intensive industries, health care, education, professional and business services, and information services grow. Health safety and the architecture of the office will be important when the first wave of employees now working remotely return. Will the experience of working from home allow firms to demand less office space? On the surface, the answer is yes. Under the surface, it is not all that clear. The idea of hot-desks, ones with multiple users, has become less attractive. Corporate culture, on-the-job training, socially induced creativity, and company socialization suggest no. How does a new hire understand the company and learn from others, and how does a supervisor understand the new hire's work ethic and innate productivity? The answer is not two hours per day on a meeting web platform. It is only those jobs that, in part or in their entirety, never needed to be in the office in the first place, and that are measured solely by output, that seem to be candidates for complete work-from-home. And, even then, knowing the staff and understanding the goals and requirements might

matter. Nevertheless, this remains an open question, particularly with new technologies being developed for improving the productivity of those working from home.

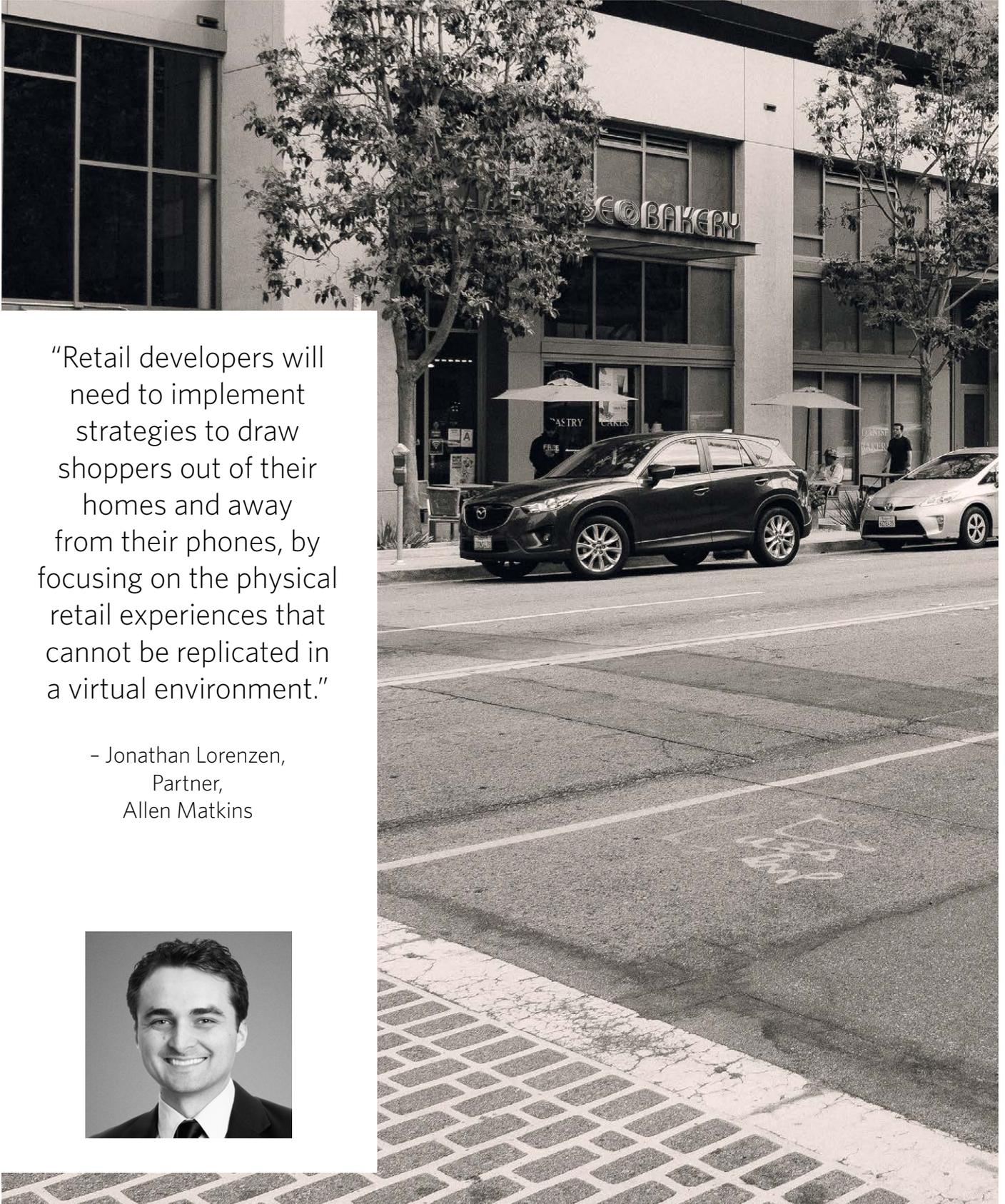
The latest Survey provides a confirmation that the above questions are yet to be settled. While survey participants are confident about the growth in demand for office space between 2020 and 2023, they are pessimistic about the return to investment in new space today. In both Northern and Southern California, the panelists believe that newly built space, in addition to that freed by companies reducing their existing space, will outstrip any near-term increased demand for office space. Compared to last summer's Survey, our panelists are marginally less pessimistic about 2023, but their sentiment has not turned to optimism. Taking these two surveys together leads to the conclusion that although there will be demand for office reconstruction and for low-rise office building construction, the end of the latest office building boom is at hand.

The headline sentiment remained decidedly negative in the six regions¹ we surveyed (Office Space Developer Sentiment Index figure). In Northern California, only 12 percent of our panelists plan to start a new project in the coming year, down from 40 percent who started one or more projects in 2020. In Southern California, there was a similar drop with 17 percent planning on starting a new project compared to 33 percent in 2020. In both regions non-labor building costs were down. However, there was a dramatic rise in sub leases and slow-walking leases from the previous year, and more than half the panelists stated that the pandemic reduced their overall building plans. Across the board there is a wait-and-see sentiment in the office space market, and that portends a downturn in the rate of new development.

Office Space Developer Sentiment Index
(>50 optimistic sentiment, June '16 to Dec '20)



1. The Sacramento / San Joaquin region office, retail, and multi-family markets were added to the survey, however with only this first observation they have not been included in the charts.



“Retail developers will need to implement strategies to draw shoppers out of their homes and away from their phones, by focusing on the physical retail experiences that cannot be replicated in a virtual environment.”

- Jonathan Lorenzen,
Partner,
Allen Matkins



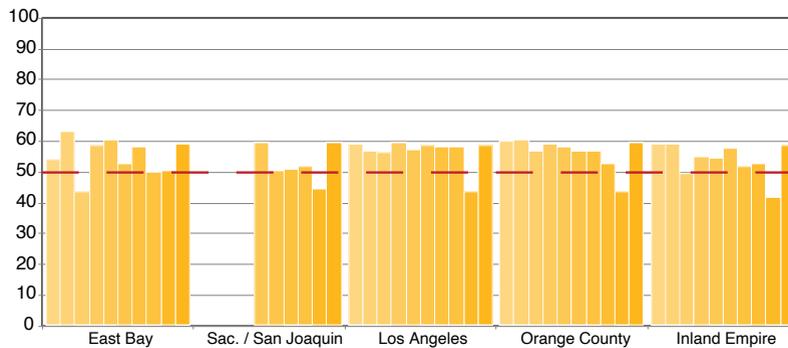


“The industrial market continues to be the hottest segment of the CRE world. 2020 was a record year with 224 million square of industrial product absorbed in the US.”

- Barbara Perrier,
Vice Chairman,
CBRE



Industrial Space Developer Sentiment Index
(>50 optimistic sentiment, June '16 to Dec '20)



INDUSTRIAL SPACE MARKETS

Though the pandemic has dampened the market for office space, the opposite is true for industrial properties. Industrial markets over the past several years have seen consistently high occupancy rates and superior lease rate growth. Sentiment expressed in the June Survey dropped precipitously in all markets (Industrial Space Developer Sentiment Index Figure), and that is logical. We were in a deep recession and pessimism about the coming couple of years was the order of the day. However, vacancy rates remain extremely low. At the end of September, Los Angeles and Inland Empire vacancy rates were under 4 percent, and from Sacramento to the East Bay between 4 percent and 5 percent. As expected, industrial space sentiment has come roaring back, and it is now at levels of optimism about the coming three years that has not been seen for many years.

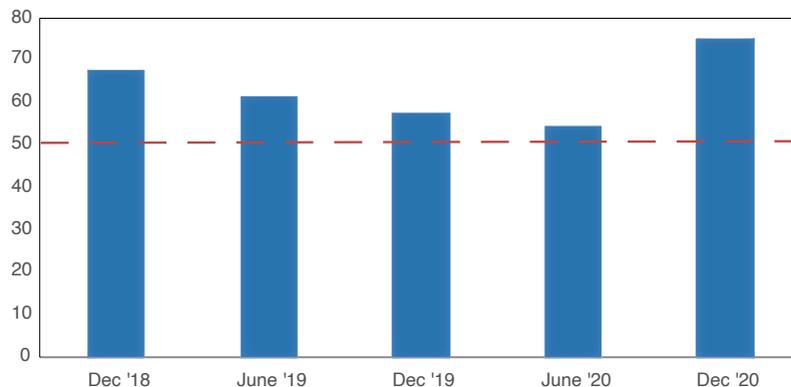
In both Northern and Southern California, the developer sentiment index rebounded to significantly over 50, the dividing line between optimism and pessimism. In each market surveyed, the expectation was for lease rate increases to exceed the rate of inflation and for the already low vacancy rates to be even lower by 2023. Behind this sentiment is a view by the panelists about online shopping induced demand for industrial space, and about the expected increase in the stock

of that space. The figure below shows demand and supply question responses for Southern California over the past two and a half years. A value over 50 indicates that the panelists expect the demand for space to increase faster than the supply of available space.

The dramatic change in household buying habits during the pandemic is illustrated by the latest data on retail sales from the US Census Bureau. It reported that overall retail sales in the United States were down 1.1 percent from October to November. However, non-store retail was up by 29 percent. While some of the shift to online purchases will reverse when the pandemic is behind us, the experience of online shopping has most likely changed household purchasing permanently.

Although our panelists are very optimistic about the next three years, their current building plans are only marginally higher than their pre-pandemic plans. In both Northern and Southern California, approximately 30 percent of the panelists stated that the experience of the recession has caused them to consider increasing the amount of development they will undertake. Therefore, our expectation is for a new wave of warehouse building over the coming three years.

Industrial Space Demand/Supply Growth -- SoCal
(Three-year Horizon)

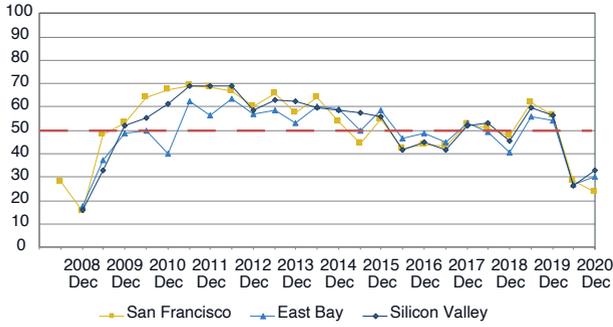


“Other than industrial, multi-family is currently the most attractive asset class. At the current interest rates and cap rates, the multi-family product is still a good investment.”

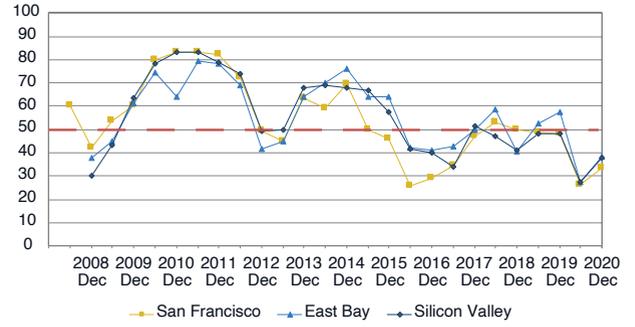
- David Blackwell,
Partner,
Allen Matkins



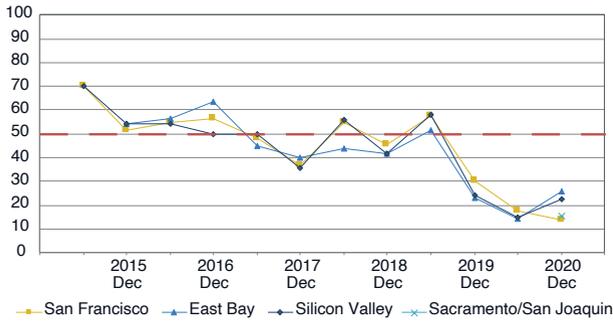
Bay Area Office Rental Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



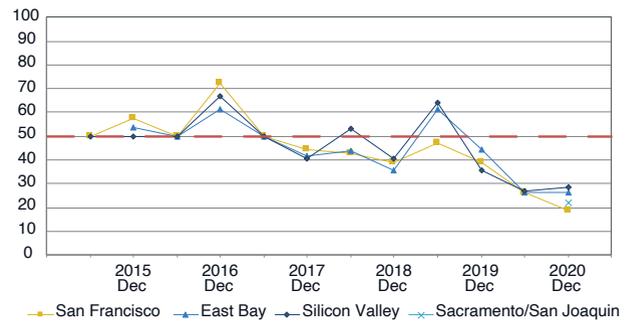
Bay Area Office Vacancy Rates
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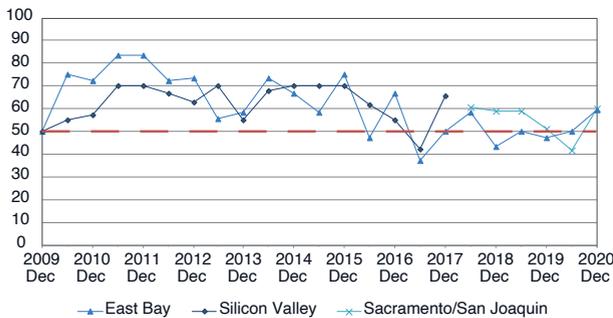
Bay Area Retail Rental Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



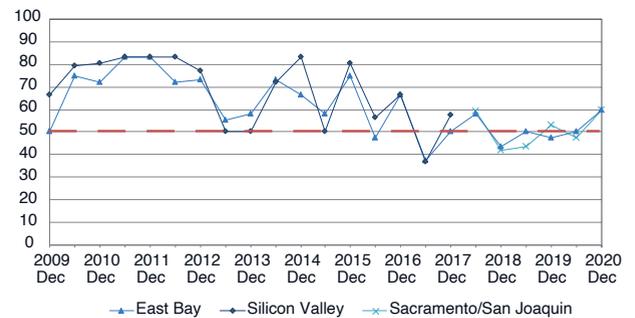
Bay Area Retail Vacancy Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



Bay Area Industrial Rental Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



Bay Area Industrial Vacancy Rates
Indexes of Survey: 3 year forecast
(>50 optimistic sentiment)



THE SURVEY IN PERSPECTIVE

Scuba divers know that when navigating to and from the shore, one does not use fish as reference points as they move before you know it. This is a lesson we should take to prognostication during a pandemic-induced recession. There are many moving parts. Several vaccines have been approved for use and are in the process of being distributed. But a second wave of the pandemic is upon us and the rapidity of the adoption of the vaccine, as well as the abatement of the pandemic remain uncertain. When the public health crisis is in the rear-view mirror, then any changes in the trends in commercial real estate will become clearer. For now, if we ignore the fish and look for a path related to the pre-pandemic markets, there are some clear trends.

Is the office market dead? No, not likely, even though many are now working from home. But what it will look like post-pandemic is still uncertain. So, our forecast from the Survey is for a near-term pullback in office construction, with the possibility of a rapid turnaround. Is everyone moving out of the city? Some are, but some will be moving back in and rents will equilibrate. And in a tight housing market, a short-term easing does not have a significant impact on new development. The current Survey confirms a continuation of the aggregate trends previously seen in industrial and multi-family spaces, a more nuanced hiatus in the office space, and a steeper downturn in the retail space. This is a most unusual recession. The implication of our two Surveys since it began is that in general, commercial real estate will have an easier path ahead than in most recessions, though there are a few, possibly large, rocks in the path, particularly for office and retail properties.

“Overall, the recent survey did not contain significant surprises. Working remotely and COVID-related safety requirements have caused a pause in office development, retail is being kicked by COVID while it was already down, multi-family generally remains a solid performer, and industrial markets continue to have a promising present and future. We are hopeful for more clarity and optimism in the office and retail sectors in our upcoming Summer survey.”

- John Tipton,
Partner,
Allen Matkins



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COMMERCIAL REAL ESTATE SURVEY

Los Angeles
Orange County
Inland Empire
San Diego
Sacramento
San Joaquin County
San Francisco
East Bay
Silicon Valley

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