

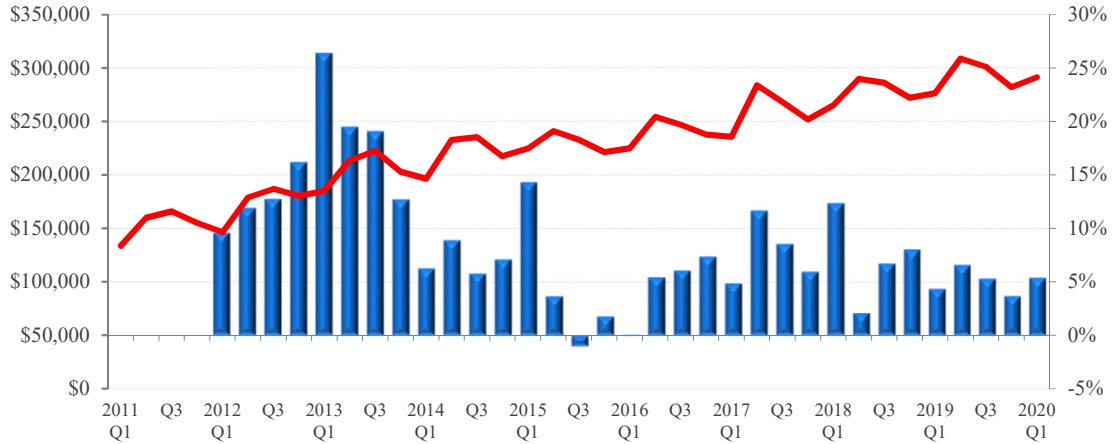
Ann Arbor Area

Local Market Report, First Quarter 2020

including the impact of COVID-19 on the local economy

Today's Market...

Median Price (Red Line) and One-year Price Growth



Local Price Trends			
Price Activity	Ann Arbor	U.S.	Local Trend
Current Median Home Price (2020 Q1)	\$291,300	\$272,433	Prices continue to grow relative to last year
1-year (4-quarter) Appreciation (2020 Q1)	5.4%	7.7%	
3-year (12-quarter) Appreciation (2020 Q1)	23.5%	18.1%	
3-year (12-quarter) Housing Equity Gain*	\$55,500	\$41,733	Gains in the last 3 years have extended the trend of positive price growth after the recession
7-year (28 quarters) Housing Equity Gain*	\$106,300	\$96,500	
9-year (36 quarters) Housing Equity Gain*	\$157,700	\$114,500	

*Note: Equity gain reflects price appreciation only

	Ann Arbor	U.S.	
Conforming Loan Limit**	\$484,350	\$726,525	Most buyers in this market have access to government-backed financing
FHA Loan Limit	\$314,827	\$726,525	
Local Median to Conforming Limit Ratio	60%	not comparable	

Note: limits are current and include the changes made on January 1st 2019.

Local NAR Leadership

The Ann Arbor market is part of region 6 in the NAR governance system, which includes all of Ohio and Michigan. The 2020 NAR Regional Vice President representing region 6 is Greg Hrabcak.

Benefits of Ownership: Total Equity Appreciation

Total Equity Accrued to Owner by Year and Quarter of Purchase



Total Equity Gained** through 2020 Q1 from quarter in which home was of purchased

Price Activity	Ann Arbor	U.S.	Local Trend
1-year (4-quarter)	\$19,071	\$23,185	Price appreciation and principle payments in the last 3 years have boosted total equity growth since the recession
3-year (12-quarter)*	\$66,994	\$52,978	
5-year (20-quarter)*	\$86,918	\$87,425	
7-year (28 quarters)*	\$131,380	\$120,351	
9-year (36 quarters)*	\$178,049	\$138,556	

*Note: Equity gain reflects price and principle payments since purchase, prevailing 30-year fixed rate mortgage at time of purchase and a 10% downpayment. Downpayment is not included in total equity

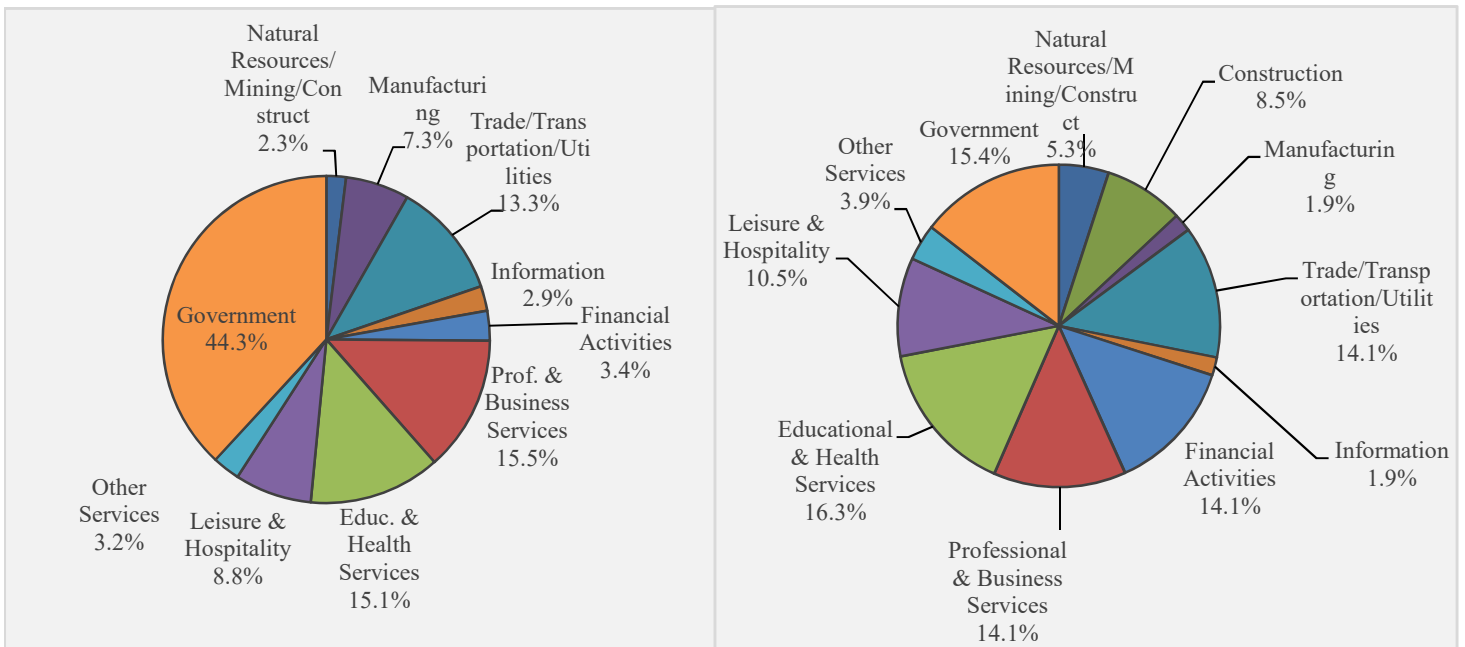
Drivers of Local Supply and Demand...

Local Economic Outlook	Ann Arbor	U.S.	
12-month Job Change (Mar)	1,000	Not Comparable	Employment growth has eased, but remains positive
12-month Job Change (Feb)	3,900	Not Comparable	
36-month Job Change (Mar)	9,300	Not Comparable	Unemployment in Ann Arbor is better than the national average and improving
Current Unemployment Rate (Mar)	2.3%	4.4%	
Year-ago Unemployment Rate	3.1%	3.8%	Local employment growth is poor and needs to improve
1-year (12 month) Job Growth Rate	0.4%	1.3%	

Share of Total Employment by Industry

Ann Arbor Area

U.S.



12-month Employment Change by Industry in the Ann Arbor Area (Mar - 2020)

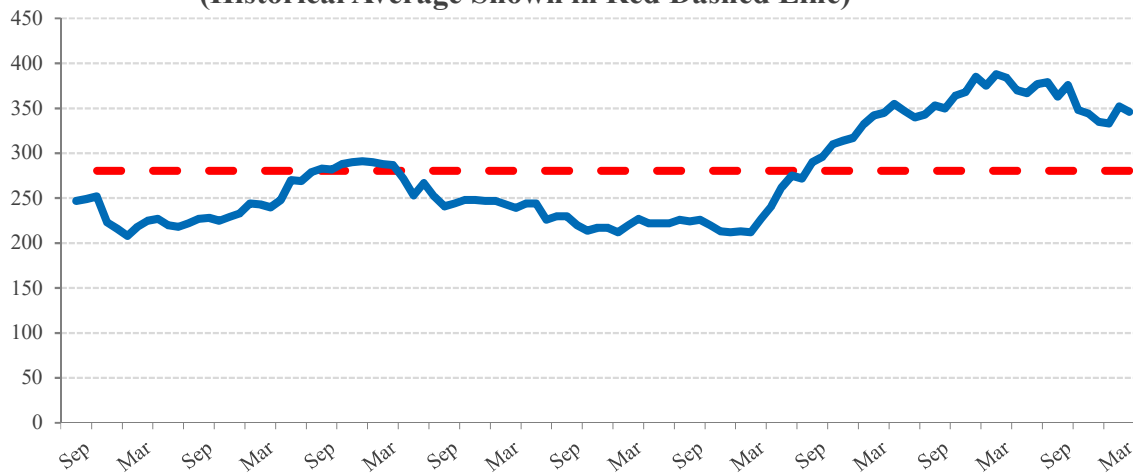
Goods Producing	NA	Information	200
Natural Resources/Mining/Construction	200	Financial Activities	100
Natural Resources and Mining	NA	Prof. & Business Services	700
Construction	NA	Educ. & Health Services	600
Manufacturing	-500	Leisure & Hospitality	-200
Service Providing Excluding Government	NA	Other Services	0
Trade/Transportation/Utilities	200	Government	2,600

State Economic Activity Index	Michigan	U.S.	
12-month change (2020 - Mar)	2.1%	1.2%	The economy of Michigan has outpaced the rest of the nation and improved modestly from last month's -43.06% change
36-month change (2020 - Mar)	NA	7.0%	

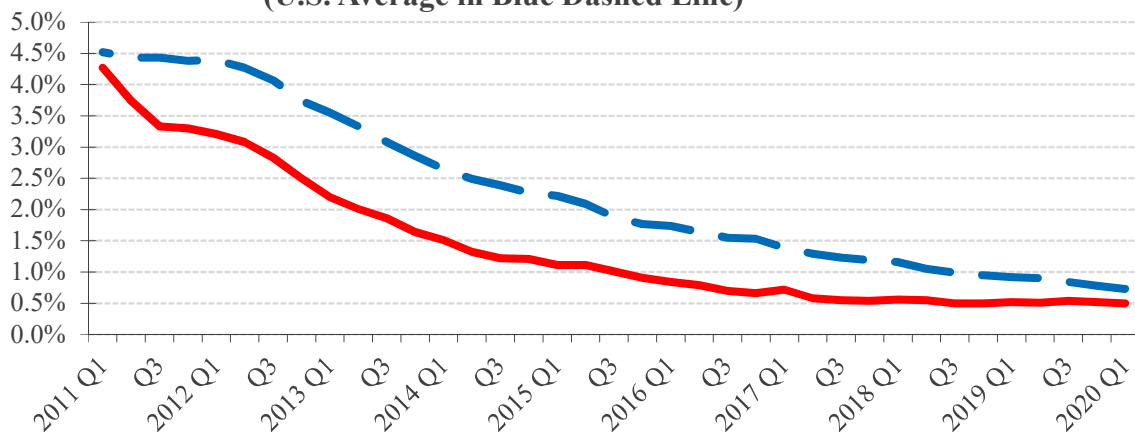
New Housing Construction

Local Fundamentals	Ann Arbor	U.S.	
12-month Sum of 1-unit Building Permits through Mar	346	not comparable	The current level of construction is 23.4% above the long-term average
8-year average for 12-month Sum of 1-Unit Building Permits	280	not comparable	Production above trend for an extended period of time could cause prices to moderate as inventory is built up.
Single-Family Housing Permits (Mar) 12-month sum vs. a year ago	-9.9%	5.5%	Construction is down from last year, but appears to have bottomed.

Construction: 12-month Sum of Local Housing Permits
(Historical Average Shown in Red Dashed Line)

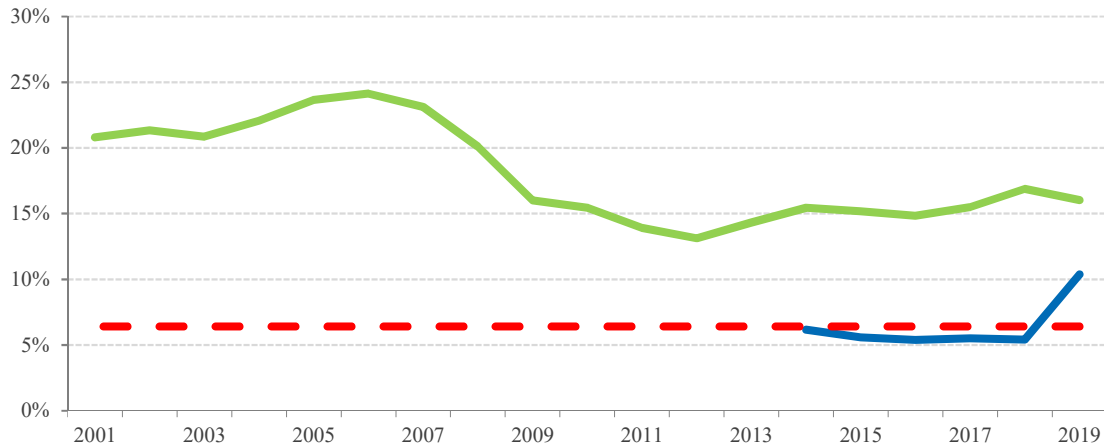


State Total Foreclosure Rate vs. U.S. Average
(U.S. Average in Blue Dashed Line)



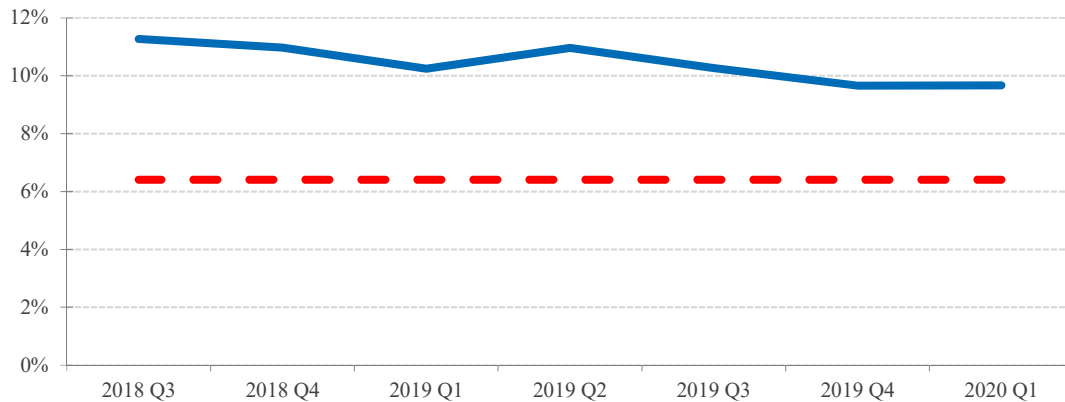
Affordability

Long-Term Trend: Ratio of Local Mortgage Servicing Cost to Income
(Local Historical Average Shown in Red, U.S. Average in Green)



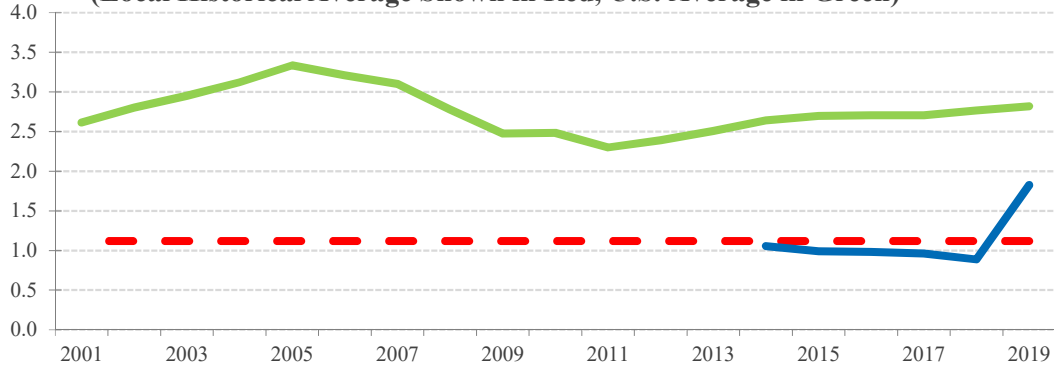
Monthly Mortgage Payment to Income	Ann Arbor	U.S.	
Ratio for 2019	10.4%	16.0%	Weak by local standards and could weigh on demand
Ratio for 2020 Q1	9.7%	14.6%	
Historical Average	6.4%	18.4%	More affordable than most markets

Recent Trend - Local Mortgage Servicing Cost to Income
(Historical Average Shown in Red Dashed Line)



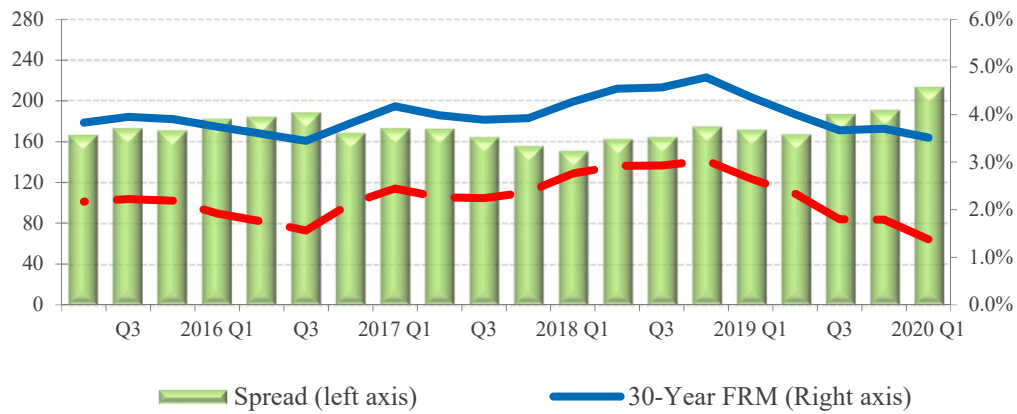
Median Home Price to Income	Ann Arbor	U.S.	
Ratio for 2019	1.8	2.8	The price-to-income ratio is high by historic standards and getting worse
Ratio for 2020 Q1	1.8	2.7	
Historical Average	1.1	2.7	Affordable compared to most markets

**Ratio of Local Median Home Price to Local Average Income
(Local Historical Average Shown in Red, U.S. Average in Green)**



The Mortgage Market

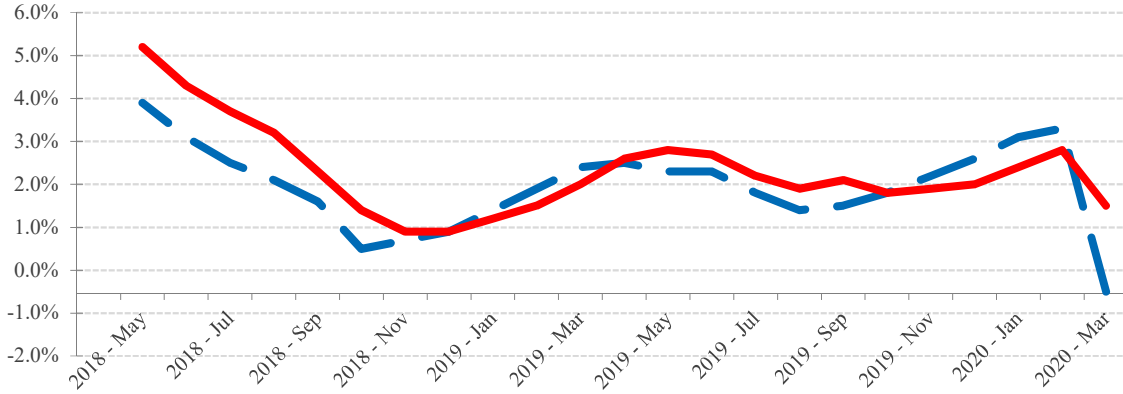
30-year Fixed Mortgage Rate and Treasury Bond Yield



The first quarter of the year mostly encompassed a pre-pandemic economy that was characterized by low unemployment and a robust economy. Nevertheless, as a result of the COVID-19 outbreak, mortgage rates reached a then-historical low in March of 2020 fueling an increase in refinance activities. Specifically, at the end of the first quarter, mortgage rates declined 90 basis points compared to a year earlier. According to the mortgage finance provider Freddie Mac, the 30-year fixed rate mortgage dropped to 3.51 percent in Q1 2020 from 4.37 percent in Q1 2019. Looking ahead, NAR is forecasting the 30-year fixed rate mortgage to average 3.20 percent for 2020.

REALTOR® Price Expectations

REALTOR® Price Expectations for the Next 12 Months
(U.S. Average in Blue Dashed Line)



Source: NAR

REALTOR® Price Expectations	Michigan	U.S.	
2020 - Mar	1.5%	-0.5%	REALTORS® expect higher price growth in Michigan than in the U.S. in the next 12 months. However, their price expectations for the local market are more modest than a year ago.
Prior 12 months	2.0%	2.4%	

Geographic Coverage for this Report

The Ann Arbor area referred to in this report covers the geographic area of the Ann Arbor metro area as officially defined by the Office of Management and Budget of the U.S. Government. The official coverage area includes the following counties:

Washtenaw County

More information on the OMB's geographic definitions can be found at https://obamawhitehouse.archives.gov/omb/bulletins_default/