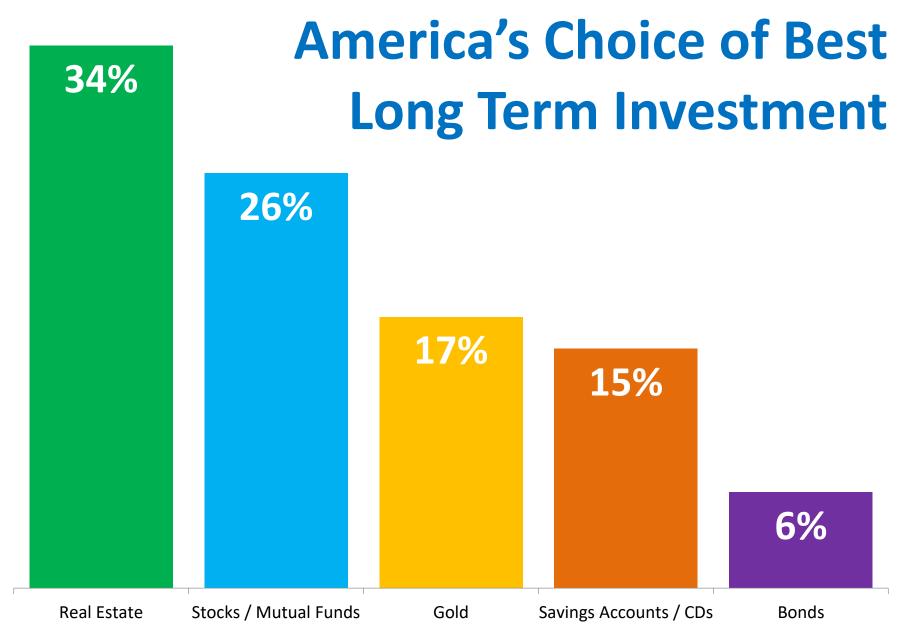
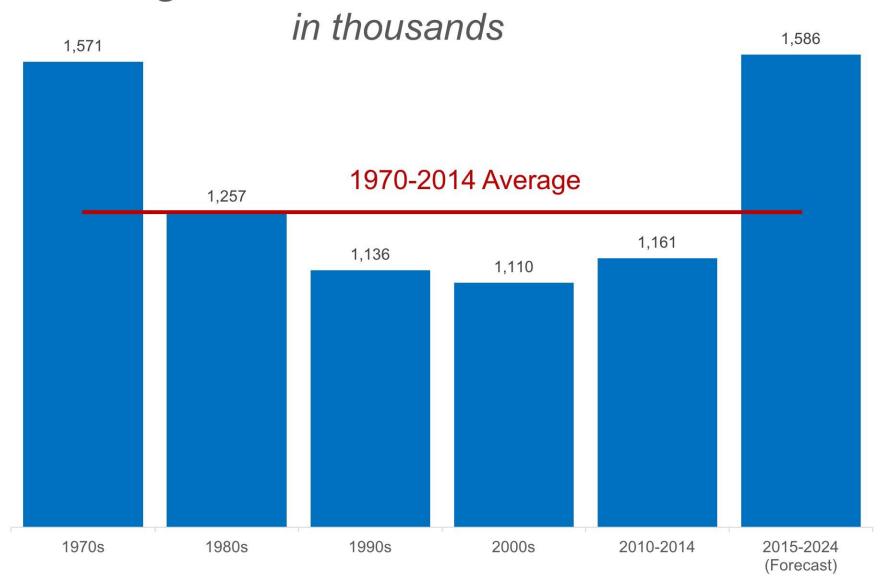
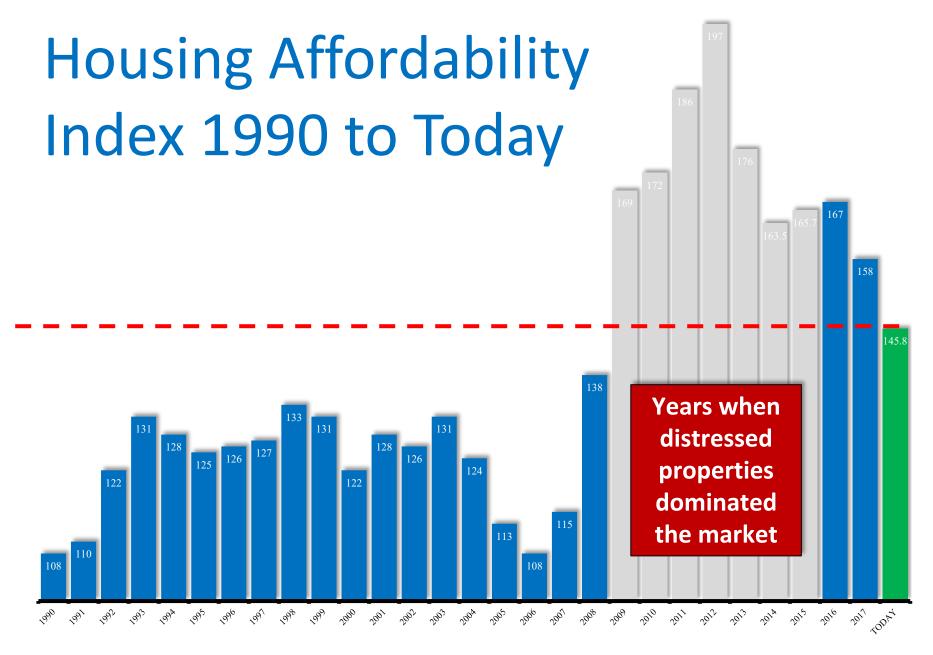
National Housing Trends



Average Annual Household Formation





Upcoming Recession?

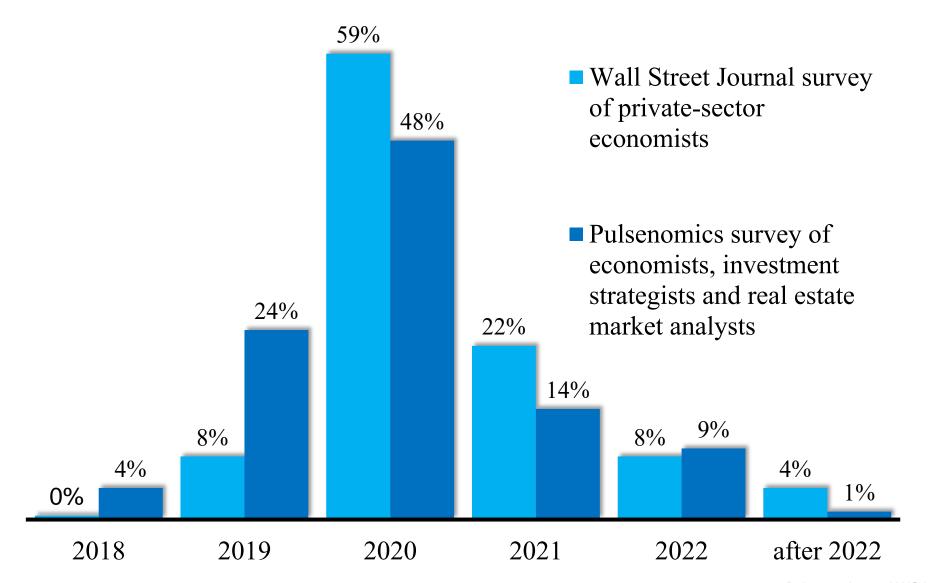


Wall Street Journal survey of economists predicts a recession in 2020

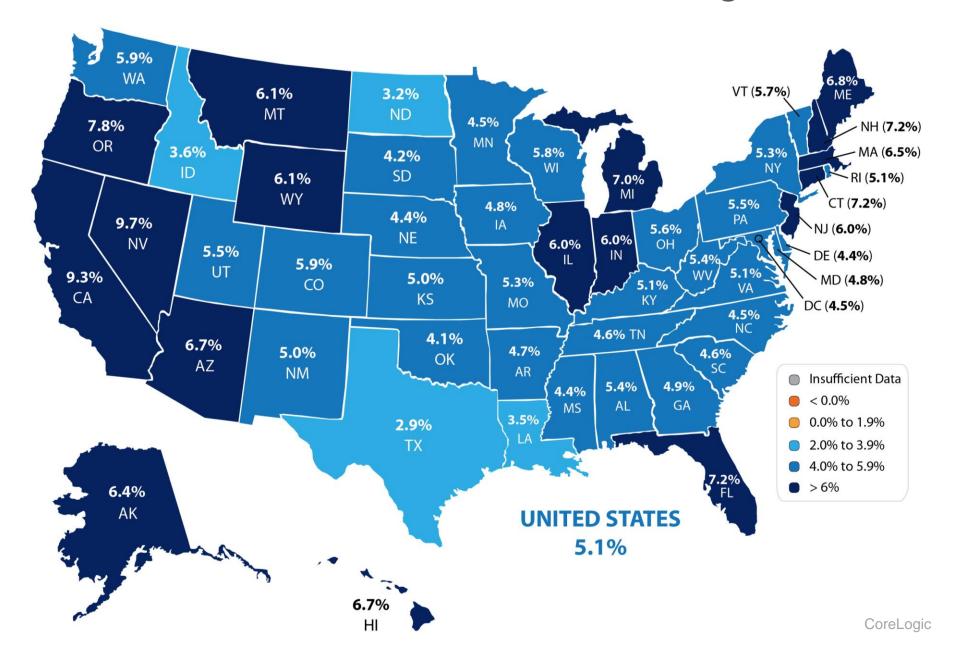
Pulsenomics survey of economists and analysts predicts a recession in 2020

Recession #Housing Crisis

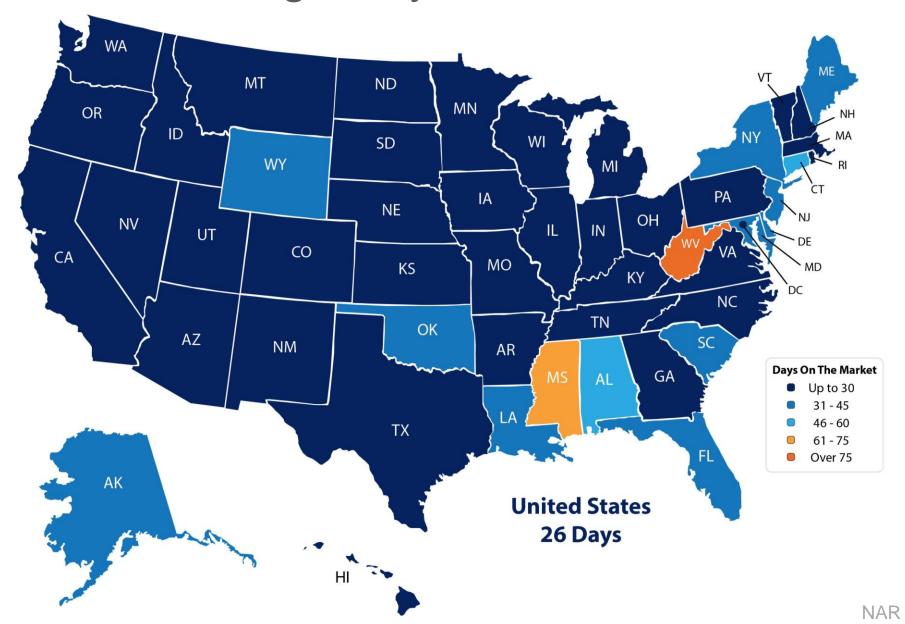
When Will Next U.S. Recession Begin?



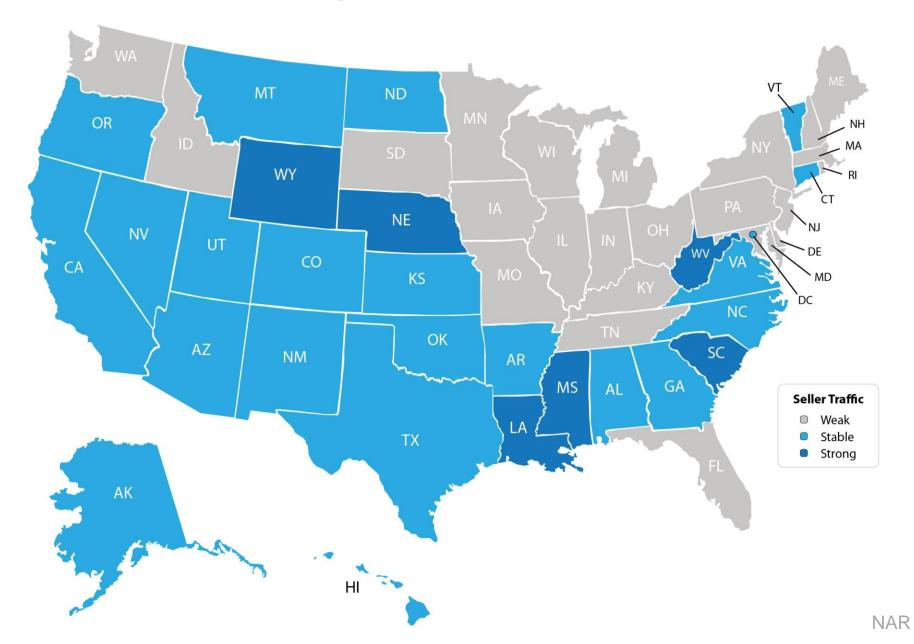
Forecasted Year-Over-Year % Change in Price



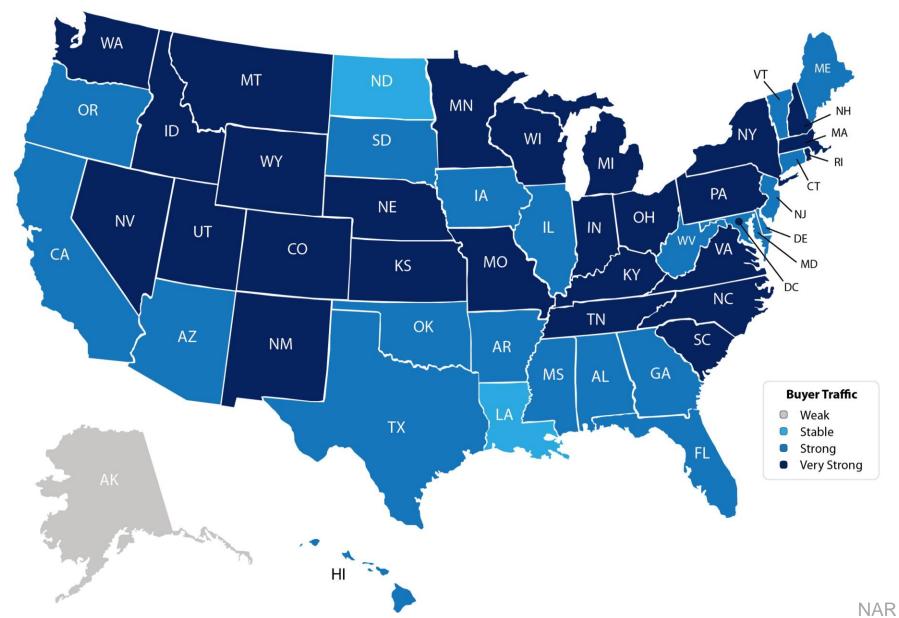
Average Days on the Market



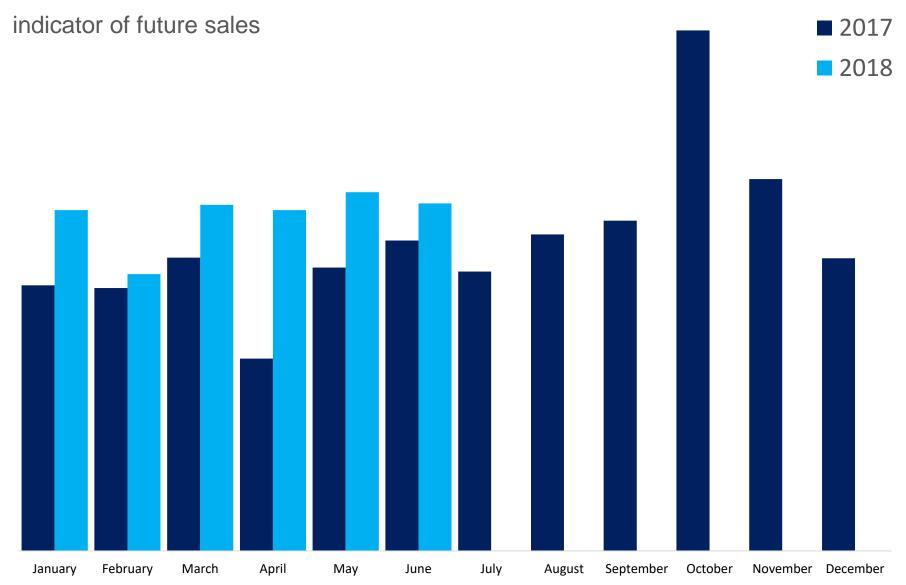
Seller Traffic



Buyer Traffic



Foot Traffic



SOUTH REGION HEATS UP AS BUYER DEMAND REMAINS STEADY IN MANY U.S. REAL ESTATE MARKETS

Showing Time Showing Index® records year-over-year consecutive gains for key U.S. markets

Key Points:

- South Region (3.8 percent) exhibits biggest increase in showings for the fourth consecutive month, while the Midwest (1.7 percent) also experiences an increase
- West Region (-6.9 percent) sees year-over-year decrease for fifth consecutive month; moderate inventory
- buildup occurring in some western markets
- Showing Time combines showing data with findings from its MarketStats division to provide a set of benchmarks that track demand for active listings throughout the country

ShowingTime Chief Analytics Officer Daniil Cherkasskiy said that many U.S. real estate markets were just as busy in June as they were during an intense 2017, with buyers going on more showings in the South and Midwest regions of the country than they did at the same time last year.

Data compiled for the Showing Time Showing Index® reveals that homebuyer interest overall remains strong, with the South experiencing the highest year-over-year increase in showing activity for the fourth consecutive month at 3.8 percent while the Midwest posted a year-over-year increase of 1.7 percent.

The West (-6.9 percent) and Northeast (-2 percent), however, experienced year-over-year decreases; nationally, the combined index indicated showing activity for all regions was up 0.2 percent.

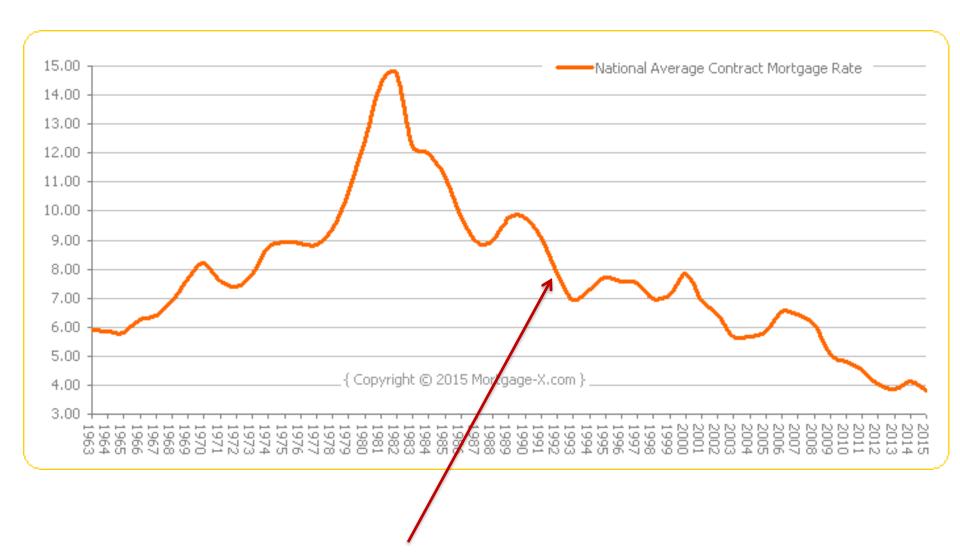
"We've now seen five consecutive months of year-overyear decreases in the West Region and are also seeing a moderate buildup of inventory in some western markets," Cherkasskiy said. "These two factors point to a potential slowdown in demand in the West while real estate prices stay at historically elevated levels."

SOUTH REGION: + 3.8%

NORTHEAST REGION: - 2.0%

WEST REGION: - 6.9%

MIDWEST REGION: + 1.7%



Historical Mortgage Rates Have Averaged Around 8%

Mortgage Rate Projections

Quarter	Fannie Mae	MBA	NAR	Average of All Three
2018 3Q	4.5	4.7	4.7	4.63
2018 4Q	4.6	4.9	4.8	4.77
2019 1Q	4.6	5.0	4.9	4.83
2019 2Q	4.6	5.1	5.0	4.90

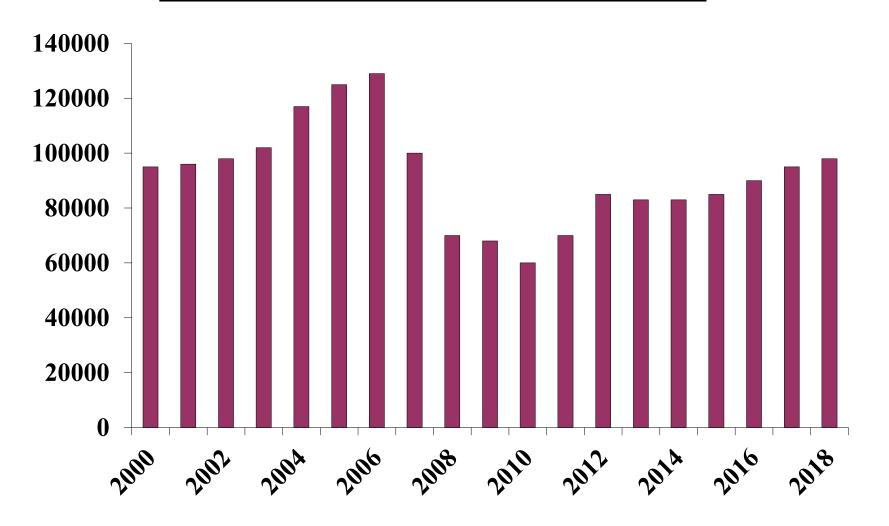
Increasing Mortgage Rates Make A Significant Difference In Home Affordability

Amount Of Mortgage	3.5% Mortgage	30-Year Cost	5% Mortgage	30-Year Cost	8% Mortgage	30-Year Cost
\$200,000	\$898	\$323,280	\$1,073	\$386,280	\$1,467	\$528,120
\$300,000	\$1,347	\$484,920	\$1,610	\$579,600	\$2,201	\$792,360
\$400,000	\$1,796	\$646,560	\$2,147	\$772,920	\$2,935	\$1,056,600
\$500,000	\$2,245	\$808,200	\$2,684	\$966,240	\$3,668	\$1,320,480
\$1 million	\$4,490	\$1,616,400	\$5,368	\$1,932,480	\$7,337	\$2,641,320

Greater Metro Atlanta Varket

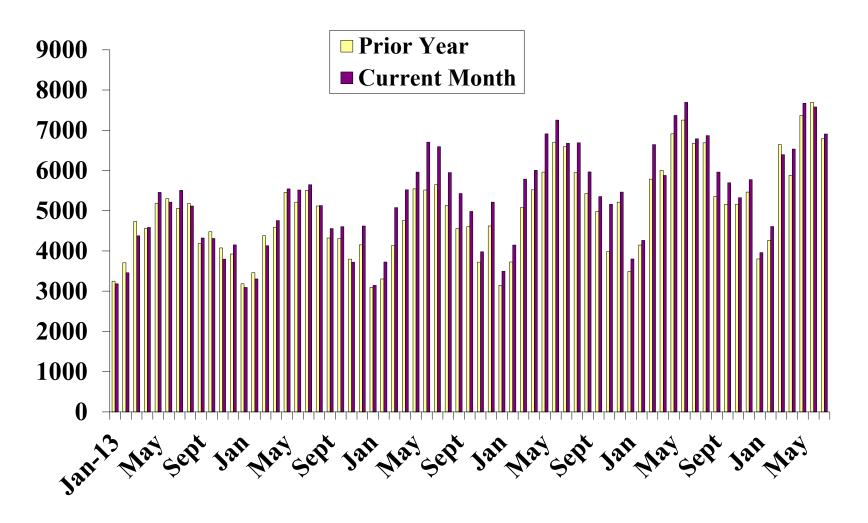
August 2018 Report
With Results Through July 2018

Metro Atlanta Homes Sold



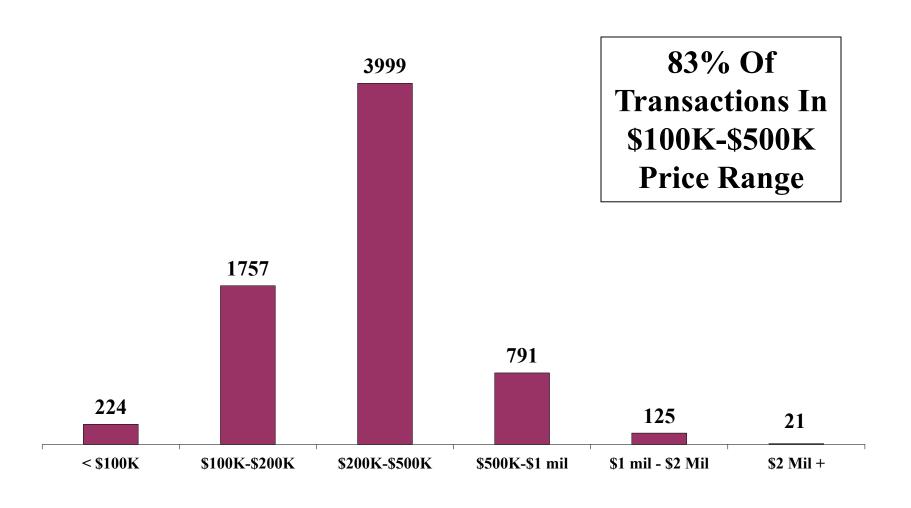
125,000 Homes Sold In 2006. 60,000 Homes Sold In 2010. 2018 YTD Closings 2.9% Higher Than 2017. Pendings Up 4.6%.

Metro Atlanta 2013-2018 Closings

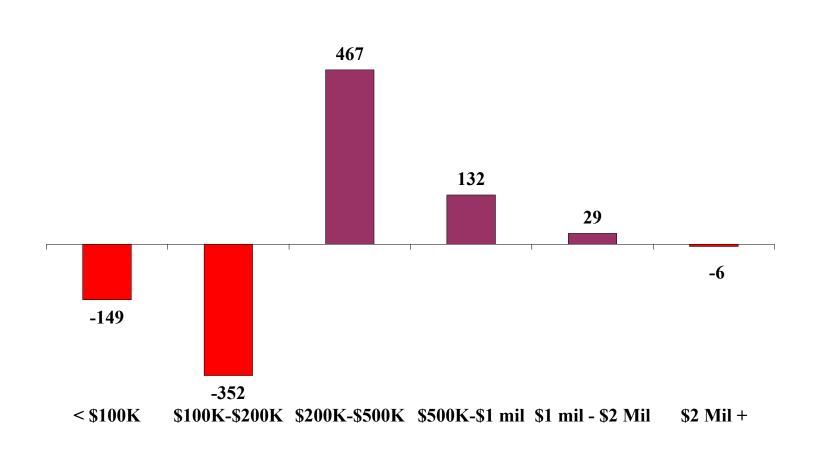


July Closings Down 8.9% Compared To June Closings
July 2018 Closings Up 1.8% Compared To July 2017
All 2018 Months Exceeded Prior Year Except March and June

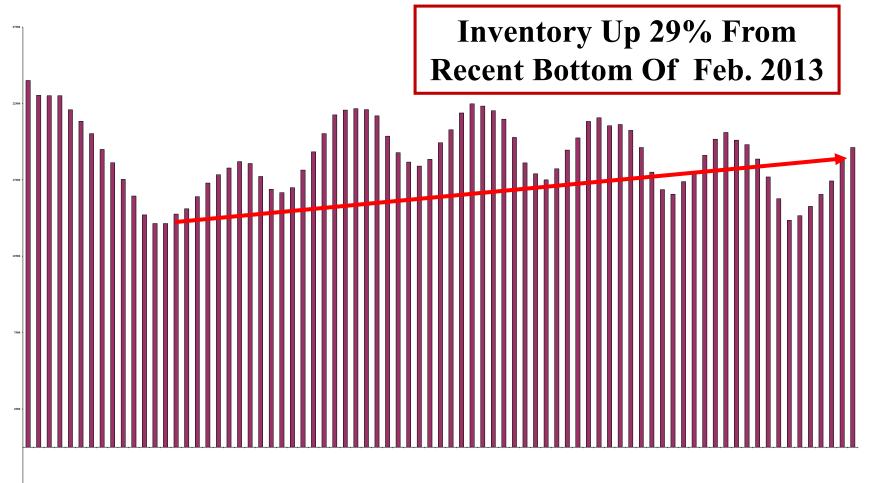
Metro Atlanta Closings – July 2018 (Number Of Transactions By Price)



Metro Atlanta Closed Units By Price Point July 2018 Compared To July 2017



Listed Inventory January 2012 – July 2018 Residential Detached, Metro Atlanta



Inventory Up 4.1% From Last Month, Down 4.8% Compared To Last Year

Months of Inventory Change The Market Strategy

GREATER THAN
7 MONTHS

LESS THAN 6 MONTHS

BETWEEN
6-7 MONTHS

SELLERS MARKET

Home prices will appreciate

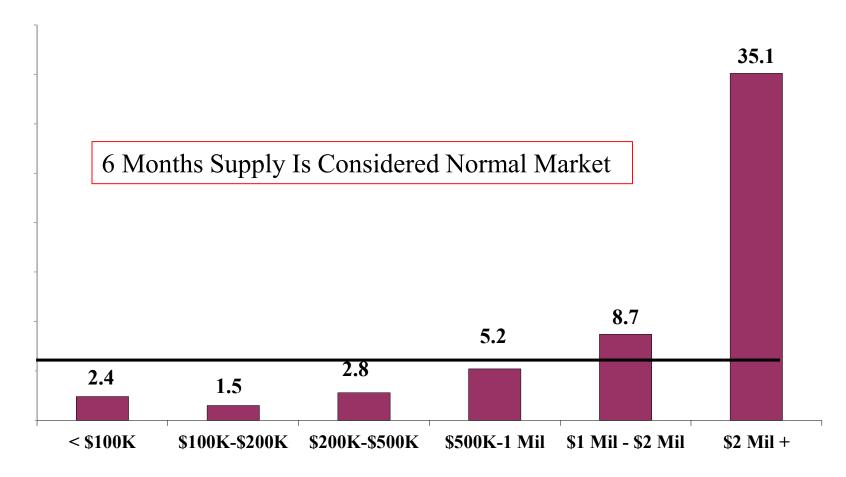
NEUTRAL MARKET

Home prices
will only
appreciate with
inflation

BUYERS MARKET

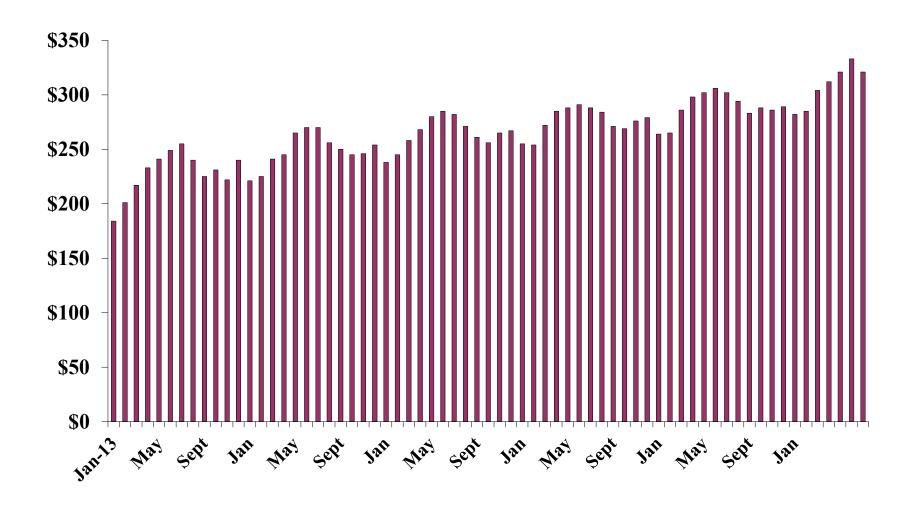
Home prices will depreciate

Metro Atlanta Months of Inventory (July 2018, Based On Closed Sales)



Total Metro Atlanta "Months Of Inventory" Is 2.8 Months

Metro Atlanta Monthly Average Sale Prices



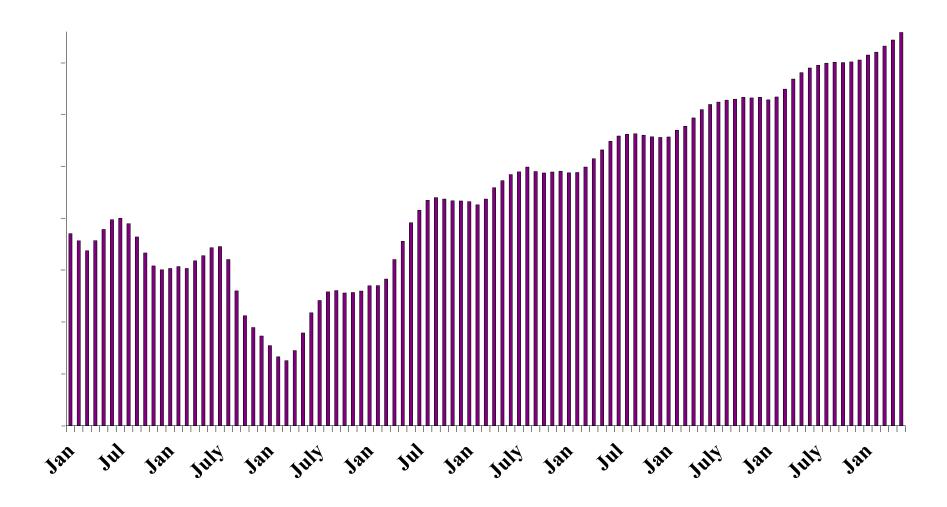
ASP \$321,000 In July. ASP \$333,000 Last Month. Down 3.7% From Last Month. Up 6.3% From Last July.

Metro Atlanta Annual Average Sale Prices



Annual ASP Up 75% From Bottom Of 2011

Case-Shiller Index For Metro Atlanta



Jan 2010 Through May 2018 (Reported July 31, 2018) Home Values Up 75% From Recent Bottom Of March 2012.

Case-Shiller Gain/ Loss For Metro Atlanta

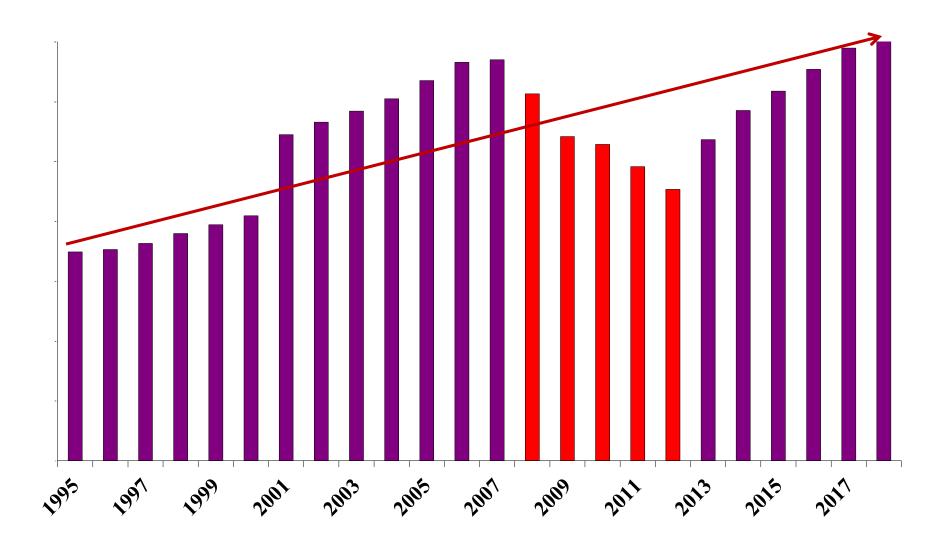
Comparisons Based On The Latest Case Shiller Index Compared To The Average Index For The Year Property Was Purchased.

Year Property Bought	Gain/ Loss
2001	33.76%
2002	28.80%
2003	24.75%
2004	20.50%
2005	14.72%
2006	9.48%
2007	8.78%
2008	18.80%

Year Property Bought	Gain/ Loss
2009	34.52%
2010	37.87%
2011	48.26%
2012	60.74%
2013	35.82%
2014	24.51%
2015	18.00%
2016	11.46%

Case Shiller Index For Metro Atlanta - May 2018 As Reported July 31, 2018. Local Markets And Price Points May Have Significantly Different Outcomes.

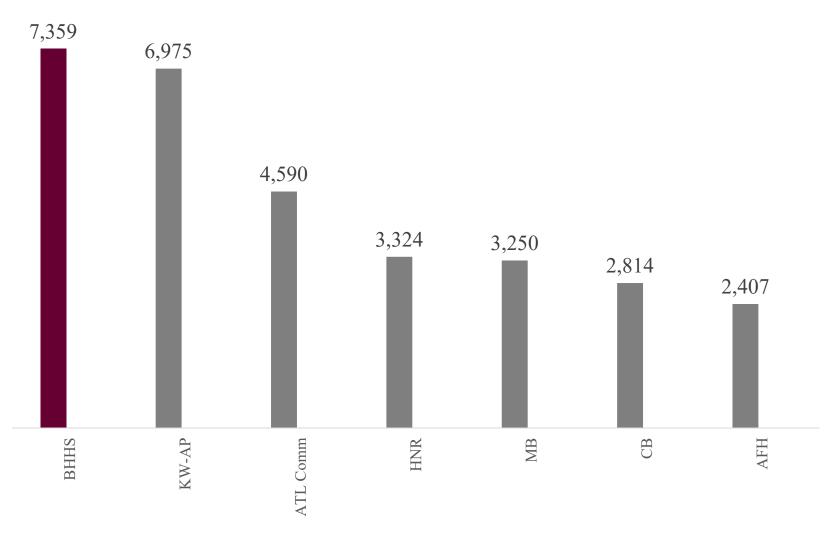
Case-Shiller Home Values For Metro Atlanta



Recent Bottom Was March 2012. Metro Average Home Values Back To Normal Trend Line.

Berkshire Hathaway HomeServices Georgia Properties

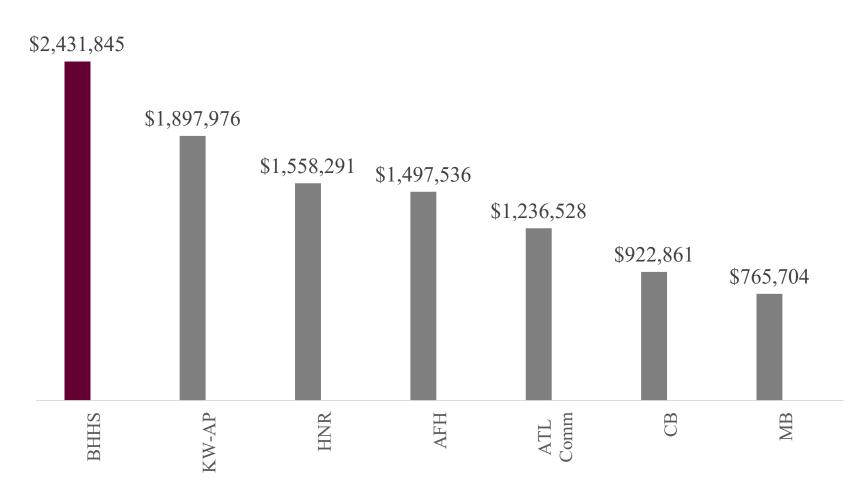
YTD Closed Units – July 2018 FMLS Counties + Southern Crescent



Information Provided By Trendgraphix and BHHS GP Internal Reports.

YTD Closed Volume – July 2018 FMLS Counties + Southern Crescent

(\$ Volume in Thousands)



Information Provided By Trendgraphix and BHHS GP Internal Reports.

Georgia Economic & Housing Trends

Top States For Business

CNBC Survey

VIEW RANKINGS: Data Table | Chart | Maps

Overall	♦ State ♦	Workforce	Cost of Doing Business	Infra- structure	♦ Economy	Quality of Life	Technology and Innovation	♦ Education	Business Friendliness	Cost of Living	Access to Capital	\$
1	Utah	12	19	13	3	13	16	23	10	22	24	
2	Texas	8	23	2	1	37	10	40	18	21	7	
3	Colorado	1	37	29	2	12	8	25	9	32	8	
4	Minnesota	15	35	5	17	2	9	2	27	27	21	
5	North Carolina	9	18	30	11	30	7	28	15	18	2	
6	Washington	11	30	39	6	8	1	24	30	37	10	
7	Michigan	29	12	27	7	32	6	19	30	10	4	
8	Georgia	7	31	4	9	37	13	33	14	17	6	
9	lowa	37	2	16	29	9	23	17	15	12	40	
10	Florida	14	32	10	4	26	17	26	22	28	14	

Buyers Moving To Atlanta!

Here is the Top 10 List including previous rank:

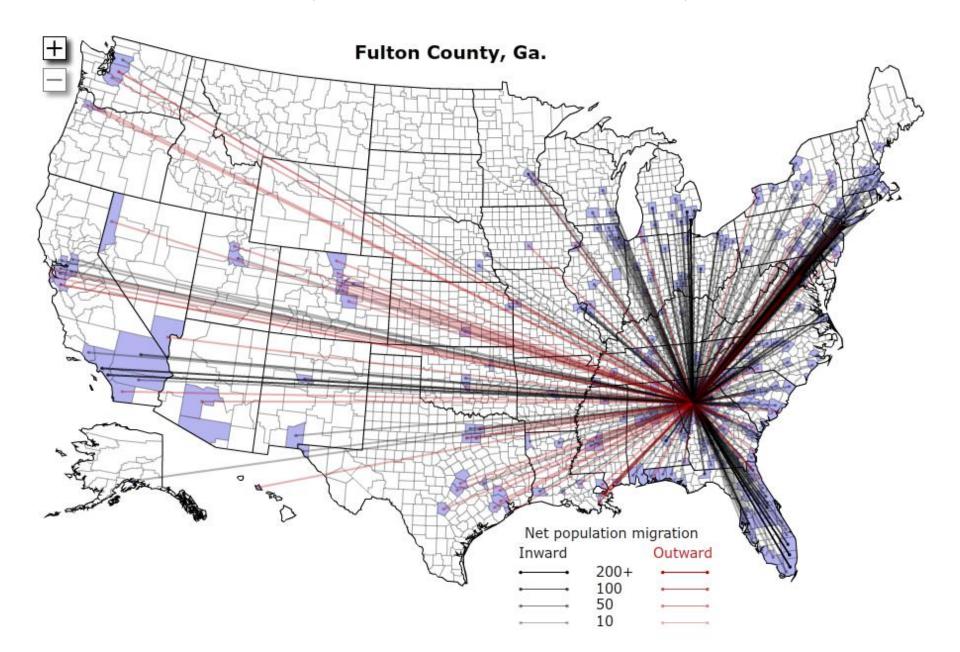
- 1. Atlanta (1)
- 2. Phoenix (4)
- 3. Tampa/Sarasota (2)
- 4. Dallas/Fort Worth (3)
- 5. Orlando (5)
- 6. Denver (7)
- 7. Houston (8)
- 8. Seattle (6)
- 9. Las Vegas (10)
- 10. Chicago (9)

Penske Truck Rental published their latest moving destination list and **Atlanta** was ranked #1 for the 6th year in a row. The trend of moving to the sunbelt has returned. Desirable attributes that help Metro Atlanta include a business friendly environment, low cost of living for a metro area, airport, moderate weather with 4 seasons and a high quality of life.

Baby Boomers Are Coming To Be Close To Their Children & Grandchildren.

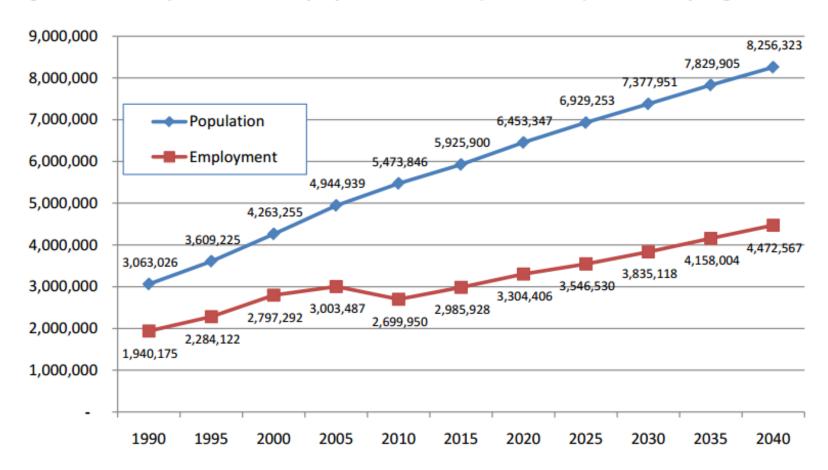
			Rank of Share					
	Total Population	Under 20	20-64	65+	25-39	45-59		
Dallas	6,144,489	3	9	25	1	24		
Atlanta	5,271,550	5	6	27	2	19		
Phoenix	4,179,427	4	24	15		26		
Denver	2,466,591	11	5	24	4	12		
Riverside	4,081,371	1	27	22	5	27		
Houston	5,629,127	2	10	26	6	21		
Portland	2,174,631	19		19	7	7		
Seattle	3.309.347	22	1	20	8	3		
Sacramento		4						
Washington	IVI e	etro Atla	inta H	las Ine				
Los Angeles								
San Diego	-#2 Pop	ulatio	$\mathbf{n} \wedge \mathbf{o}$	75	30			
San Francisco		ulativ			J			
Orlando								
Orlando Minneapolis	• #5 Pon	ulatio						
	•#5 Pop	ulatio						
Minneapolis	•#5 Pop	ulatio						
Minneapolis Chicago New York	• #5 Pop	ulatio				10		
Minneapolis Chicago New York Boston			n Ur	der 2	20	10		
Minneapolis Chicago New York Boston Cincinnati	4,482,857	23	n Ur	nder 2	20	_		
Minneapolis Chicago	4,482,857 2,134,864	23 9	n Ur	oder 2	20 18 19	14		
Minneapolis Chicago New York Boston Cincinnati Baltimore	4,482,857 2,134,864 2,668,056	23 9 17	n Ur	9 13 11	20 18 19 20	14		
Minneapolis Chicago New York Boston Cincinnati Baltimore Detroit	4,482,857 2,134,864 2,668,056 4,467,592	23 9 17 13	8 19 11 18	9 13 11 12	20 18 19 20 21	14 9 5		
Minneapolis Chicago New York Boston Cincinnati Baltimore Detroit Philadelphia	4,482,857 2,134,864 2,668,056 4,467,592 5,827,962	23 9 17 13 16	8 19 11 18 21	9 13 11 12 5	20 18 19 20 21 22	14 9 5 13		
Minneapolis Chicago New York Boston Cincinnati Baltimore Detroit Philadelphia St. Louis	4,482,857 2,134,864 2,668,056 4,467,592 5,827,962 2,802,282	23 9 17 13 16 15	8 19 11 18 21 20	9 13 11 12 5 7	20 18 19 20 21 22 23	14 9 5 13 8		
Minneapolis Chicago New York Boston Cincinnati Baltimore Detroit Philadelphia St. Louis	4,482,857 2,134,864 2,668,056 4,467,592 5,827,962 2,802,282 5,413,212	23 9 17 13 16 15 24	8 19 11 18 21 20 26	9 13 11 12 5 7 3 1	20 18 19 20 21 22 23 24	14 9 5 13 8 17 16		

Rustbelt To Sunbelt



Population & Employment Growth Trends

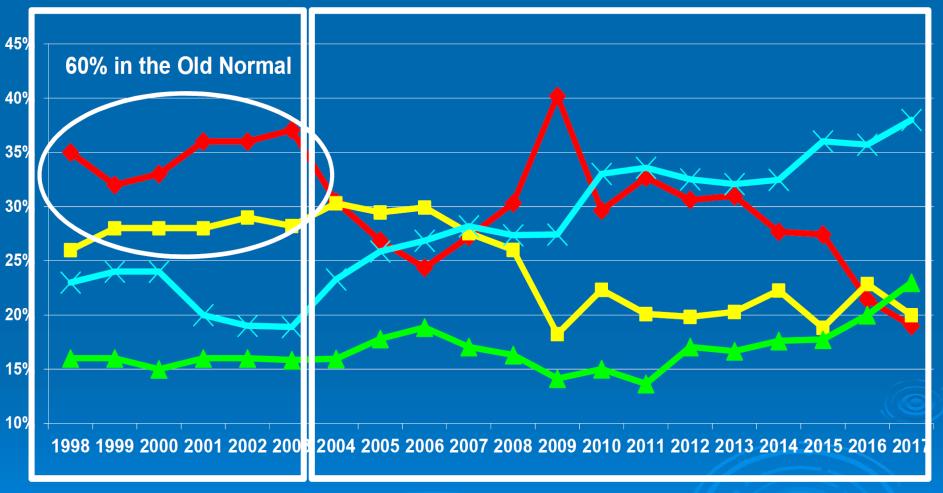
Figure 1: ARC's Population and Employment Forecasts (1990 - 2040) - 20-County Region



Source: ARC







"Old Normal"

"New Normal"

Population & Employment Growth Trends



- U.S. Conference of Mayors Report predicts that Metro Atlanta will be the 6th largest city in the nation by 2046.
- Metro Atlanta will grow from 5.8 million residents to 8.6 million residents.
- That means 2.8 million people will move to our area!
- This is great news for our long-term real estate values!