

ULI Baltimore – Emerging Trends in Real Estate Trends 2020 January 28, 2020









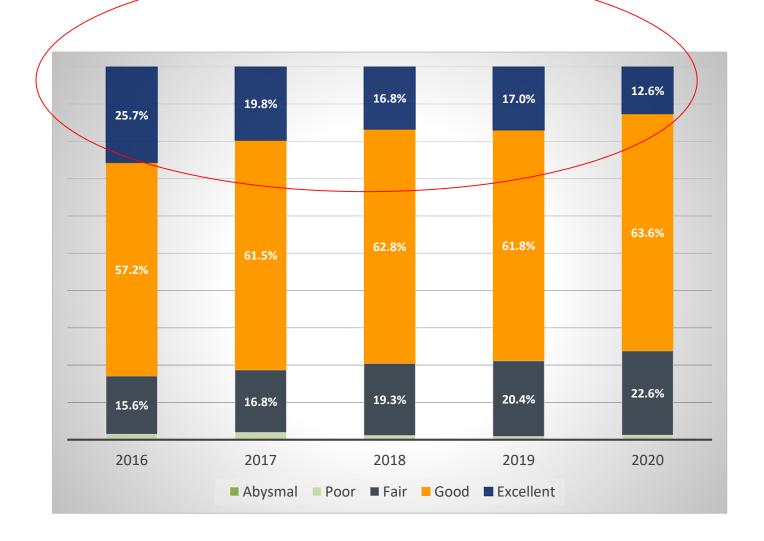
Market Sentiment; Still positive, but are we seeing some diversity in opinion?



2020 Expected Profitability

Is this what an extended expansion looks like?

- Abysmal to poor is up slightly, but still a very small percent of the total
- Some moderation is expected as those expecting a fair outcome in 2020 rises to 22.6%
- Outlook still shows some confidence as those expecting good rises each year
- Since 2016 the excellent outlook has been cut in half



What is behind the change of heart?

Reasons given for change in expectations from 2019

Lower

23%

- 1. Economy 36%
- 2. Fundamentals 29%
- 3. Government 14%
- 4. Capital markets 11%
- 5. Strategy shift 5%

Higher

23%

- 1. Strategy shift 28%
- 2. Fundamentals 28%
- 3. Internal changes 22%
- 4. Economy 16%
- 5. Capital markets 6%



Let's not talk ourselves into a recession, but we do need to keep an eye on the possibility



Key numbers to consider

3.2%

2.0%

2.0%

Post WWII average annual GDP growth Consensus
forecast for
average annual
GDP growth
over the next 5
years

Baltimore average annual GDP growth over the next 5 years

The danger in relying on averages...



C

Personal consumption expenditures

Goods

Durable

Non durable

Services





Private domestic Investment

Fixed investment

Non residential

Residential

Change in private inventories





Government consumption expenditures and gross investment

Federal

National defense

Nondefense

State and local





Net exports of goods and services

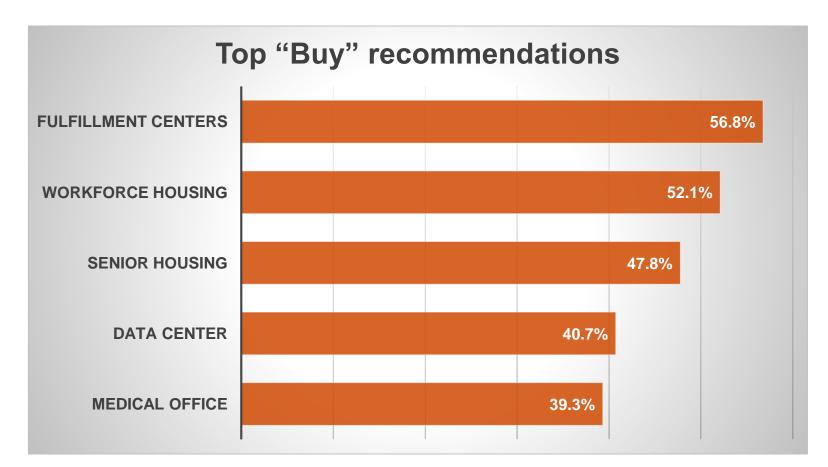
Exports

Imports

What property types do survey respondents think will be winners in 2020?



Average percent of survey respondents that recommend either buying or holding in 2020



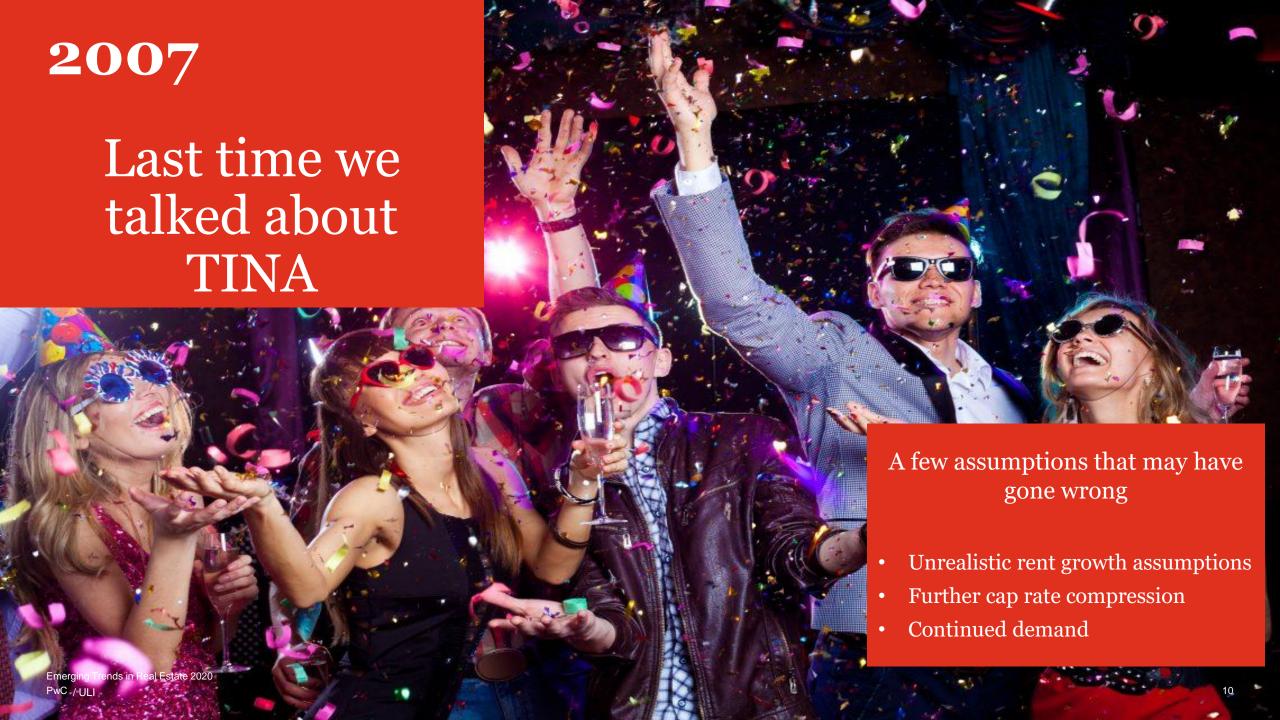


The flow of capital into real estate is both a blessing and a curse

The Siren Call of TIMA

ASSET ALLOCATION







2019

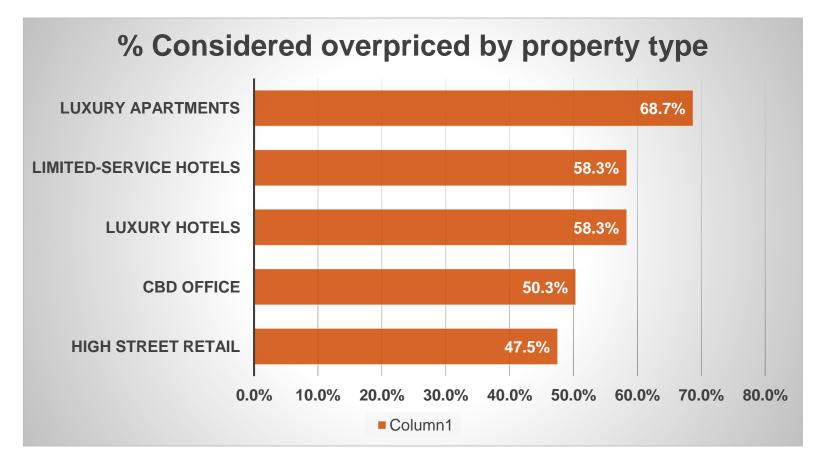
Lessons learned! Maybe we are a little more restrained this time around



Despite record high property values, market doesn't consider them too out of line



Average percent of all property types that survey respondents feel are fairly priced



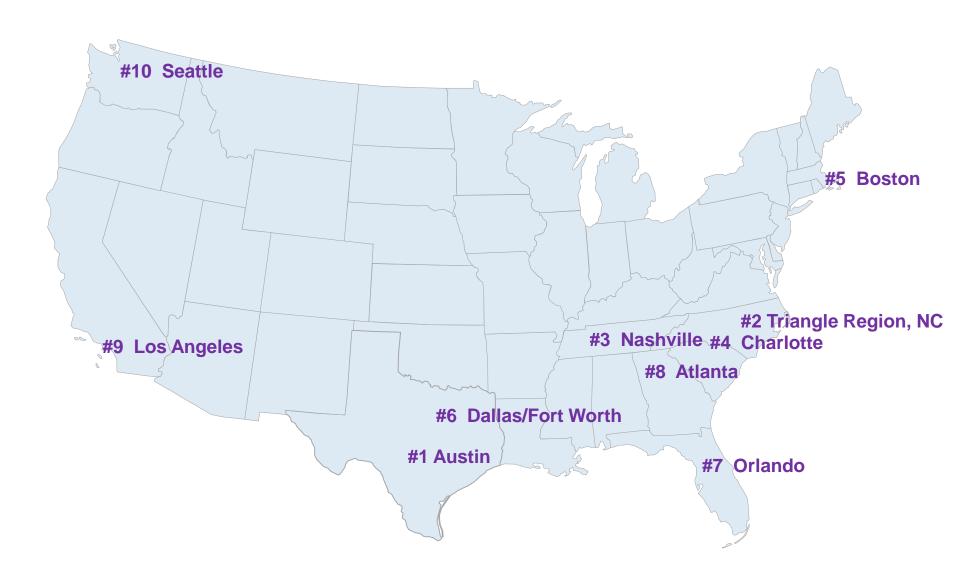
"One size doesn't fit all

Market Menu

Top 20 Markets for 2020 A rising number of choices appealing to many appetites	Market Price
Major Capital Magnets Old favorites that we keeps us coming back	Seasonal
Determined Competitors Familiar choices that may hide a hidden kick	Mixed Pricing
Aligning Expectations Choices that are delivering what they promise	Fair Pricing
Treasures Ripe for Discovery An oyster with a pearl or tomorrow's favorite today	Mixed Pricing
Potpourri: Thrifty Choices, Boutiques, and Special Situations You may be pleasantly surprised what you'll find	Ala Carte

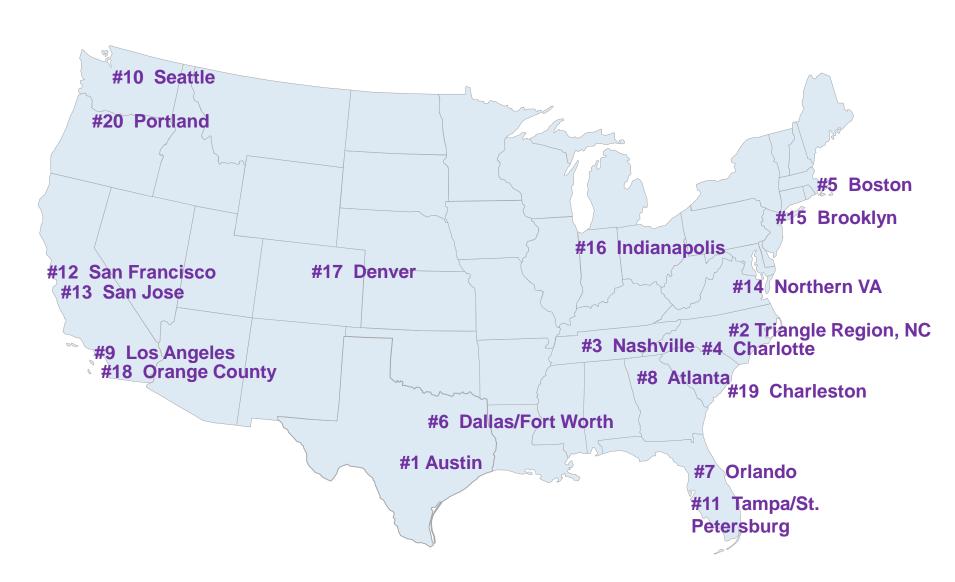
Top 10 Markets

☐ Heavily weighted toward growth and the Southeast



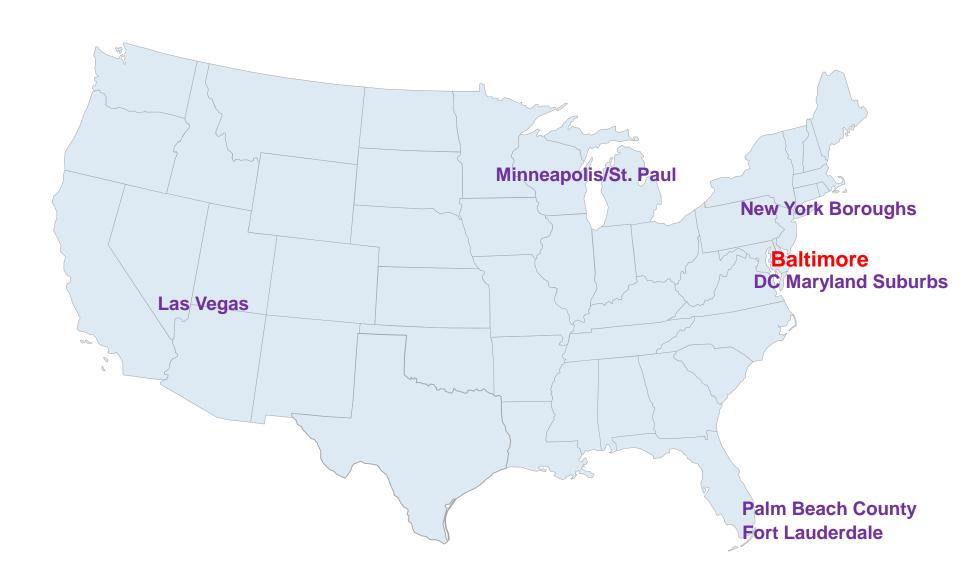
Top 20 Markets

- ☐ Heavily weighted toward growth and the Southeast
- More diverse and reflect recent volatility



Determined Competitors

- □ Punching above their weight
- Percent of investment trending upward
- □ Often adjacent to top 20 or capital magnet markets





High growth or low growth, Southeast or Midwest, everyone is talking about some form of housing affordability

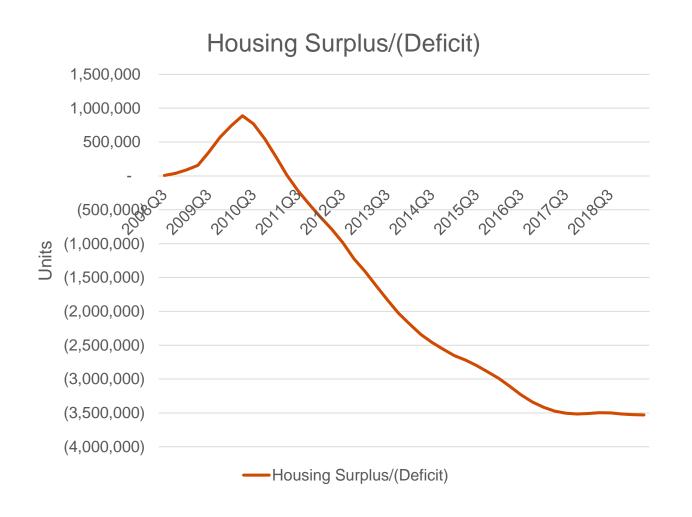
Housing: The Great Unraveling



Housing shortfall

Household formations easily outpace new supply

- □ A simple analysis that doesn't even address geographic specifics, but clearly points to the depth of the problem
- Demographic and economic factors are driving household formations
- Demographic and economic factors are making it difficult for the housing industry to add units at the required rate



Searching for a feeling of place

While technology and the gig economy have given us the tools to work from anywhere, human nature seems to crave a sense of community. This is having an impact on the real estate industry as well

- □ Employers are finding that creating a sense of community is a benefit in the attraction and retention of employees
- ☐ Multifamily properties are substituting unit amenities with community amenities to appeal to tenants
- ☐ Landlords that can create a sense of community in their buildings find it easier to attract and retain tenants
- □ Neighborhoods are looking to attract the right buildings that will be an anchor to developing a community feel in the surrounding area



Remember when it was just work space?



1960's interpretation of the open office concept



1980's interpretation of a private office concept



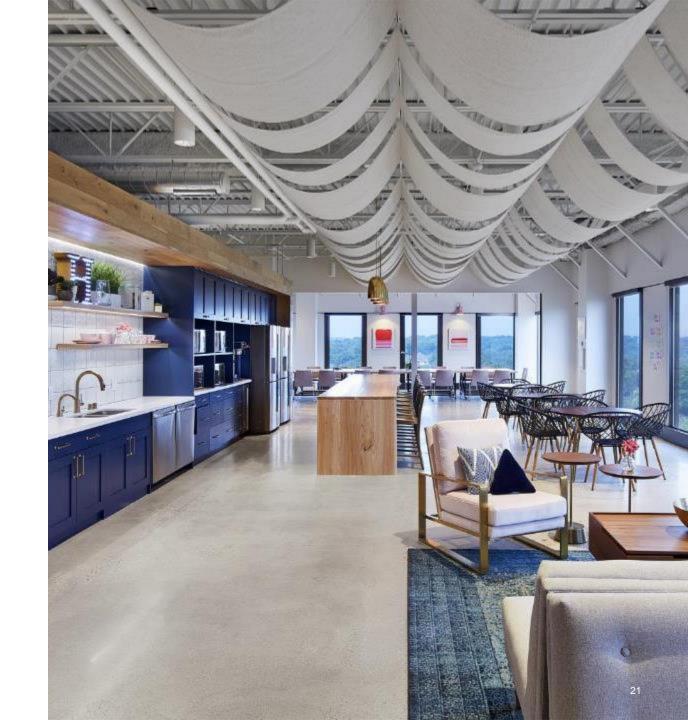
Today's interpretation of collaboration space

It is all about work process

One work space does not fit all work

Tenants want space to address different goals

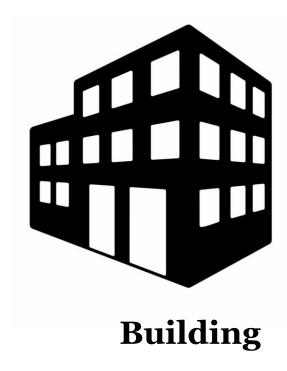
- Collaboration in formal and informal settings
- Quiet space for individualized work
- Available space for hotelling workers
- Flexible space that can be utilized to house staff on a temporary basis
- Space where employees can relax, eat, socialize



Community doesn't end at the workplace



Tenants



Neighborhood

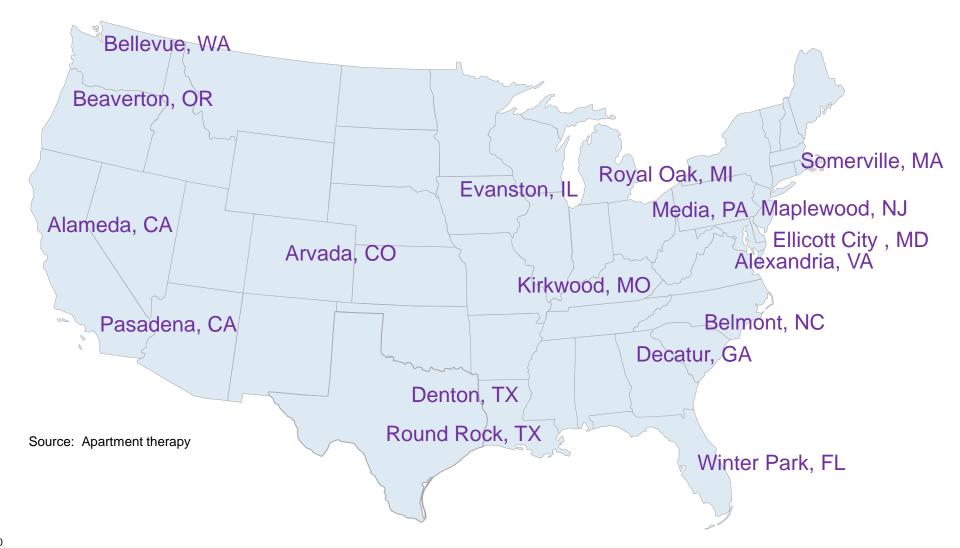
Suburbs are becoming cool again

The expectation that Millennials would begin to move to the suburbs has become a reality. This generation however, is putting their own spin on the suburbs they are choosing.

- ☐ Suburbs that are in favor offer many of the same amenities that drew the generation to the urban core
- Many of these suburbs are also gentrifying to meet the needs of the new residents
- ☐ "You can't be a suburb of nowhere" Suburbs in markets with strong urban cores are seeing the most growth



Cool Suburbs





Sustainable and green building has been so successful, that ESG just seems like the natural progression of these ideals





The ultimate goal of implementing technology is to make the whole equal more than the sum of the parts



We continue to generate more data every year!



2019 This Is What Happens In An Internet Minute



How technology is being used today

Visualization Facilitation Collaboration Efficiency

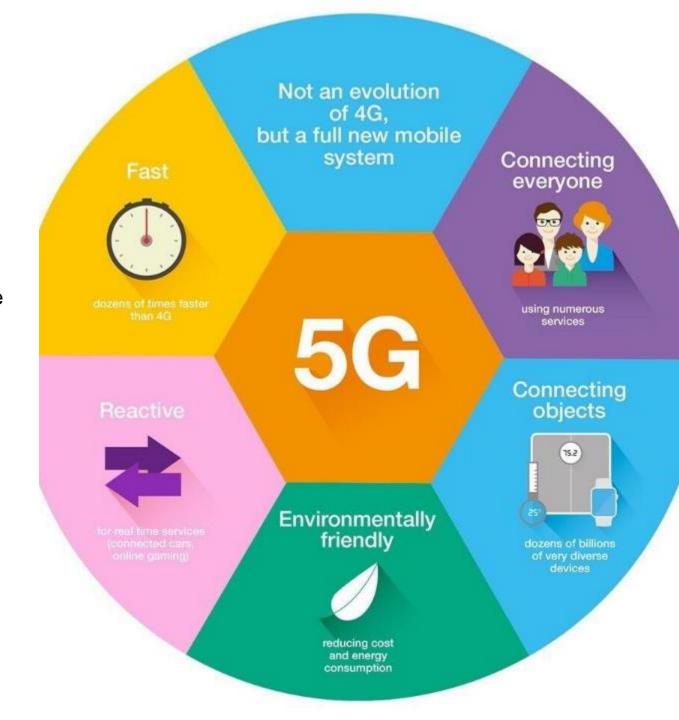
- Seeing how things are going to happen
- Making life easier for tenants
- Bringing people and processes together
- Improve operational processes
- Using data to enhance decision making

Will 5G allow current and existing technologies to have a real impact?

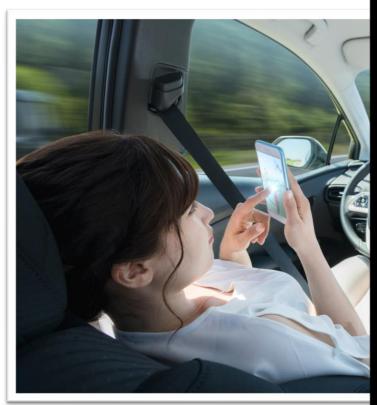
5G will enhance speed and reliability

The increased speed and latency provided by 5G will make a number of technologies viable

- Increased broadband access
- Autonomous vehicles/smart infrastructure
- Control of remote devices
- Machine learning and enhanced IOT (internet of things)



What you don't want to see when...









A confident industry

Slower but more sustainable growth?

Strategy will be more important as there will be more over/under performers

Change will be ongoing





Questions Feel free to contact me at: andrew.warren@pwc.com

Thank You!

Please feel free to download a copy of the report at

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