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AVISON  
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2020

2020 FORECAST

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UNITED STATES  
**DALLAS**

# Contents

## Ten trends you need to know about for 2020



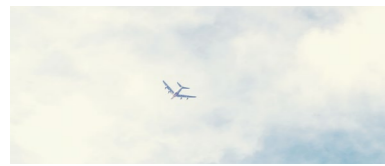
### #1 Lower for longer p4

How investors are dealing with a low inflation, low interest rate world – and whether they should be concerned about the possibility of a downturn.



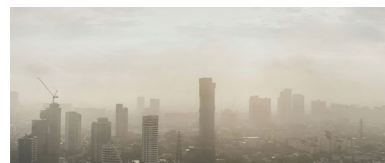
### #2 Power to the people p6

Landlords, developers and occupiers need to pay increasing attention to local political activism, as today's street protests increasingly signal tomorrow's policy initiatives.



### #3 (De)globalization p8

The pace of globalization is slowing, and in some areas is starting to reverse as nearshoring and the localization of supply chains gathers momentum.



### #4 Building resilience p10

Cities across the world are leading the charge in responding to climate change, to ensure economic, social and environmental sustainability.



### #5 (Place)making an impact p12

Placemaking creates great environments for people, organizations and communities. It is becoming the focus of socially responsible investors looking for impact investment opportunities.



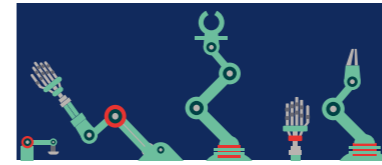
### #6 The rebirth of retail p14

Urban design initiatives, an explosion of technology-fuelled experiential retail and the emergence of new omni-channel strategies give an insight into the future of physical retail.



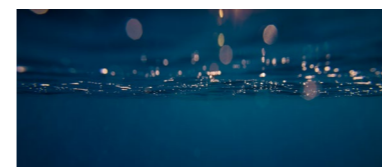
### #7 Let's talk about flex p16

Forget what you may have read in the newspapers, flexible offices are here to stay and will remain one of real estate's hottest growth areas in 2020.



### #8 AI p18

Augmented intelligence? Your new best friend could be your cobot, a collaborative robot who will make your life easier by helping you work quicker – and smarter.



### #9 Wishing well p20

Wellness is the new front in the war for talent, and buildings have a huge part to play in supporting companies' efforts to look after their staff.



### #10 Heavy lifting p22

Logistics is currently a labor-intensive business, and the sector is facing the twin challenges of staff shortages and a growing volume of e-commerce product returns.

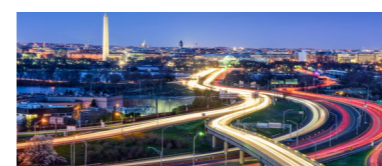


### And finally... Future growth p24

With political and social easing over cannabis leading to policy changes worldwide, medical legalization presents the real estate industry with new opportunities in 2020.

### Sources p26

## National and local property market outlooks



### United States market outlook p30

Positive momentum within U.S. commercial property markets in 2019 is likely to persist into 2020, with continued healthy occupancy levels and rent growth across most markets.



### Dallas market outlook p40

Our 2020 Forecast for local real estate market activity, examining key drivers and likely trends across the major commercial real estate sectors.

# #1 Lower for longer

## LIVING WITH LOW INTEREST RATES

With inflation seemingly nailed to the floor across most of the western world, there are few signs that interest rates are set to rise any time soon<sup>1</sup>. “Lower for (even) longer” remains the mantra for investors.

On the surface it’s a great environment for property investing; low interest rates offer a warm bath for real estate, keeping it competitive against other asset classes<sup>2</sup>. Capital continues to flow into the sector, as investors seek out the unique combination of income return and capital preservation that real estate offers over time<sup>3</sup>.

But with the real estate cycle slipping into its second decade, the uncertainty felt by many investors about whether current pricing is sustainable seems justified. Real estate might be enjoying an extended period of popularity, but in large part this is due to the backdrop of economic weakness (hence low interest rates) and heightened political uncertainty across the globe – issues which also bring risks for the property sector.

A slowing global economy, with few signs of a sustained pickup in global trade, will impact occupier demand. Productivity growth has been low and while unemployment levels have fallen sharply in many countries, inflation has not risen meaningfully<sup>4</sup>.

Central banks currently have little ability to raise interest rates, robbing them of room to manoeuvre if – or more likely when – a slowdown turns into a recession<sup>5</sup>. With governments seemingly devoid of effective policy initiatives, the impact on rental income in the event of a protracted recession could be significant and prolonged.

So, what’s the answer for real estate? Avoid investing at these historically high prices? We think not, for several reasons.

First, while risks are apparent, a significant recession does not look imminent. Downturns are most often triggered by interest rate rises, following a bout of inflation due to excessive growth, which is hardly the case at present<sup>6</sup>. Shocks are always a possibility – but the risk of an all-out trade war seems to be receding. Markets may fluctuate, but a huge pool of Asian capital lies waiting to invest in good quality assets when the opportunity arises, which will help provide a floor for values<sup>7</sup>. Conditions hardly appear “set fair” but the external drivers pushing investors towards real estate are likely to remain in place for a while yet. Second, in most markets there are few signs of overbuilding or “irrational exuberance” in the structuring and financing of real estate transactions. The triggers for the periodic self-destruction that characterised many previous real estate cycles are largely absent. Real estate remains vulnerable to economic and political events, globally and at home, but the same is true of other asset classes. Income is king, so investors should go “back to basics” with a laser focus on managing properties and tenants well, and stress-testing their financing against future turmoil in the credit markets.

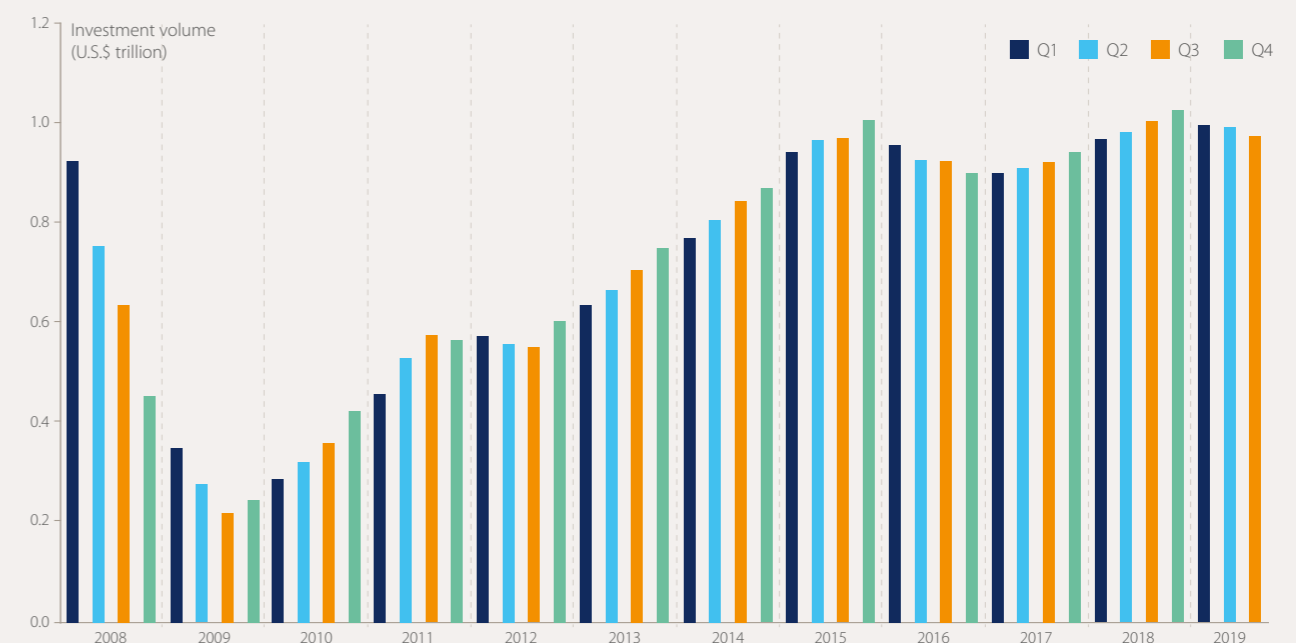
Third, savvy investors are seeking out new channels of opportunity. Climate change, impact investing, placemaking, the technological revolution and a host of other issues are reshaping our economies and cities.

They bring new challenges, but also new opportunities to create sustainable long-term value in the built environment<sup>8</sup>. Those who accurately detect the current shifting of the tides, and swim with the stream rather than against it, will prosper.

The search for yield continues. Indeed, further yield compression is expected on secure, long-duration assets that still look attractively priced relative to fixed income. But investors need to enter the market with their eyes wide open to the potential downsides, and with clear strategies in place to weather the turbulence that may be lurking over the horizon.

**On the surface it’s a great environment for property investing; low interest rates offer a warm bath for real estate, keeping it competitive against other asset classes**

12 MONTH ROLLING GLOBAL INVESTMENT VOLUME



Source: Real Capital Analytics



#2

# Power to the people

## HOW POPULISM IS CHANGING THE WORLD

**With the U.S. in election mode, Britain still struggling with Brexit negotiations and discontent still rife across huge swathes of the global political landscape, 2020 will be another year when the fallout from populism will be distracting governments from attending to some of its root causes.**

When the Developed World Populism Index concluded in 2017 that populism was at its highest levels since the late 1930s<sup>1</sup>, many feared an impending avalanche of political extremism. The successes of U.S. President Trump and Nigel Farage, leader of the U.K.'s Brexit Party, gave new impetus to the populist coalitions emerging across a range of countries – but a series of subsequent national elections failed to deliver the dramatic changes of government that once looked likely<sup>2</sup>. Europe, in particular, breathed a sigh of relief.

The sense that a bullet had been dodged was, and remains, misplaced. The underlying issues which drove populist movements haven't gone away – quite the opposite. Populist politicians typically prosper during periods of general discontent by focussing on one or two key issues that resonate most strongly with the electorate: big business, big government, immigration, regional independence, climate change... whatever happens to be the issue du jour<sup>3</sup>.

This explains why populism often creates coalitions which transcend conventional political divides; the far Right and far Left coalesce around something they have in common, albeit for different reasons - politics does indeed make strange bedfellows. If anything, the range and strength of populist groups is increasing.

The fact that such movements rarely end up forming a national government misses the point. Mainstream parties are scrambling to claw back support, and thus the populist agenda becomes incorporated into mainstream manifestos. The objectives may be watered down a little to appeal to a broader cross-section of the electorate, but the populists are succeeding in changing the focus of the political agenda.

Where the shift in position is measured, thoughtful and strategic in nature, this process should be welcomed. However unpalatable the rhetoric may be to some, this is democracy in action: politicians responding to the "will of the people". But problems can arise when knee-jerk policies are introduced to tackle specific issues, not recognizing – or wilfully ignoring – the unintended consequences that may follow.

Real estate often finds itself caught up in this process, which is increasingly playing out on the local rather than national stage. City authorities are stepping in where central governments fear to tread. Housing affordability is a case in point: Berlin has already announced a residential rent freeze for five years and New York has expanded its housing rent controls to cover around one million units<sup>4</sup>. In London, Mayor Sadiq Khan intends to make rent controls a cornerstone of his 2020 re-election campaign<sup>5</sup>.

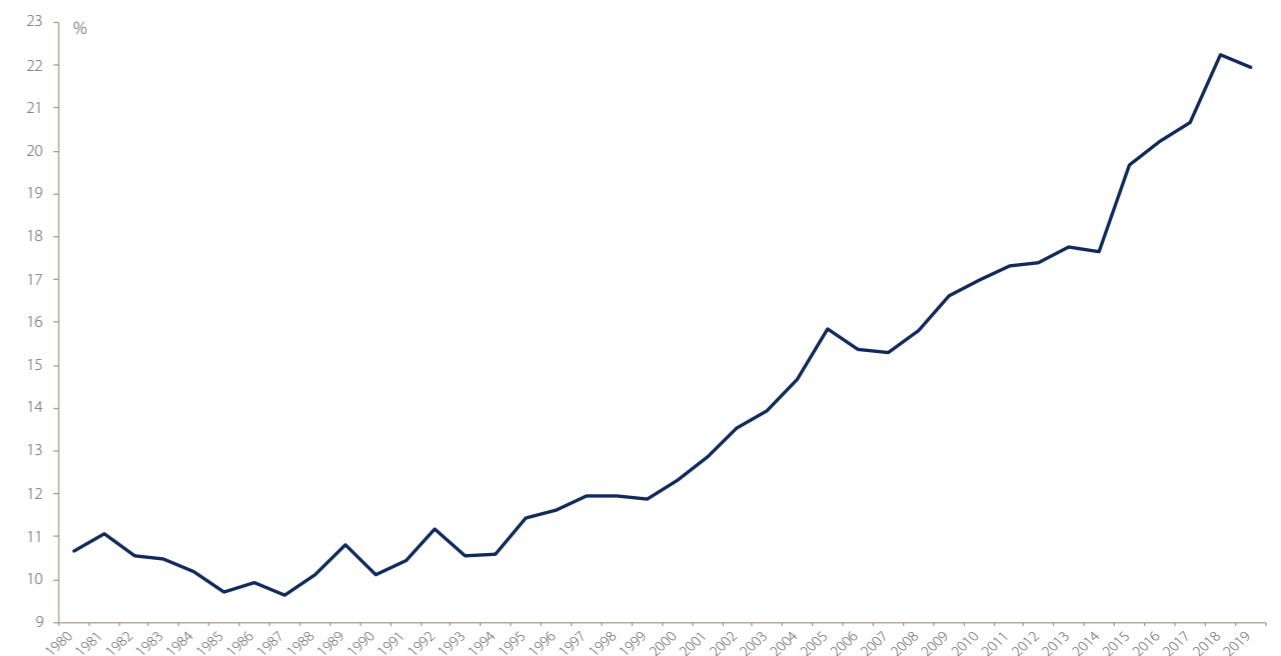
Economists may continue to debate the effectiveness of such measures – the research evidence is mixed<sup>6</sup> - but landlords are left dealing with the immediate impact on the market.

Cities will also continue to take the lead on climate change, bypassing central government inertia on the topic. CDP, a non-profit organization, which supports environmental reporting by cities and corporates, notes that five cities including Paris, San Francisco and Canberra have set 100% renewable energy targets city-wide, while thirteen cities including Boston and Sydney plan to be climate or carbon neutral by 2050<sup>7</sup>.

Whatever their views on the issues concerned or the effectiveness of particular policies, landlords, developers and occupiers need to pay increasing attention to local political activism, as today's street protests increasingly signal tomorrow's policy initiatives.

## Landlords, developers and occupiers need to pay increasing attention to local political activism, as today's street protests increasingly signal tomorrow's policy initiatives

### AVERAGE VOTE SHARE OF POPULIST PARTIES IN ELECTIONS ACROSS EUROPE



Source: Timbro Authoritarian Populism Index (2019)



# #3 (De) globalization

## A PARADIGM SHIFT?

Globalization's most significant impact on the real estate sector has been the rapid growth in cross border flows of capital into investment markets around the world<sup>1</sup>. While they may fluctuate in the short term, these flows are set to accelerate over the coming years as rising wealth in Asia targets investment grade real estate in the west.

Occupational markets have also been transformed. Globalization has been the defining feature of the business environment of the last 50 years, as corporates have expanded into new markets, production and back-office functions have been offshored and supply chains have internationalized. Here, however, the longer-term trend may be shifting. Heading into 2020, multinational companies are rethinking global footprints to find a new balance between cost-efficiency and business effectiveness<sup>2</sup>. Consumer demands for greater social and environmental awareness from the companies they buy from are encouraging a shift in priorities<sup>3</sup>.

On average, affluence and living standards have benefited hugely from the rapid internationalization of almost every aspect of trade and commerce<sup>4</sup>. But averages can be misleading. Many parts of Western Europe and North America continue to struggle with the impacts of de-industrialization. The benefits of economic growth have not been uniform; perceived inequality has risen sharply<sup>5</sup> and the financial crisis has left lasting scars.

Reactions against the "globalization of culture" used to be viewed as a distinctly xenophobic phenomenon – yet consumers across the globe are seeking out authentic local products and pushing back against the uniform array of multinational brands that typify many shopping centers. The frustration of dealing with a call center halfway round the world is felt by many.

Even from a purely economic standpoint, globalization feels past its peak<sup>6</sup>. The world has already wrung most of the "quick wins" from expanding the reach of World Trade Organization (WTO) rules. The same can be said of the efficiencies to be gained from off-shoring manufacturing and streamlining global supply chains<sup>7</sup>.



Political calls to "bring home our manufacturing" play well to a populist audience, but they echo thinking already taking place in many boardrooms<sup>8</sup>. The fact that those new facilities may house more robots than traditional employees gets less publicity. But global companies who are seen as destroying jobs in their home country, unfairly avoiding taxes or ignoring the carbon footprint of their activities are damaging their brand in the eyes of a new generation of customers.

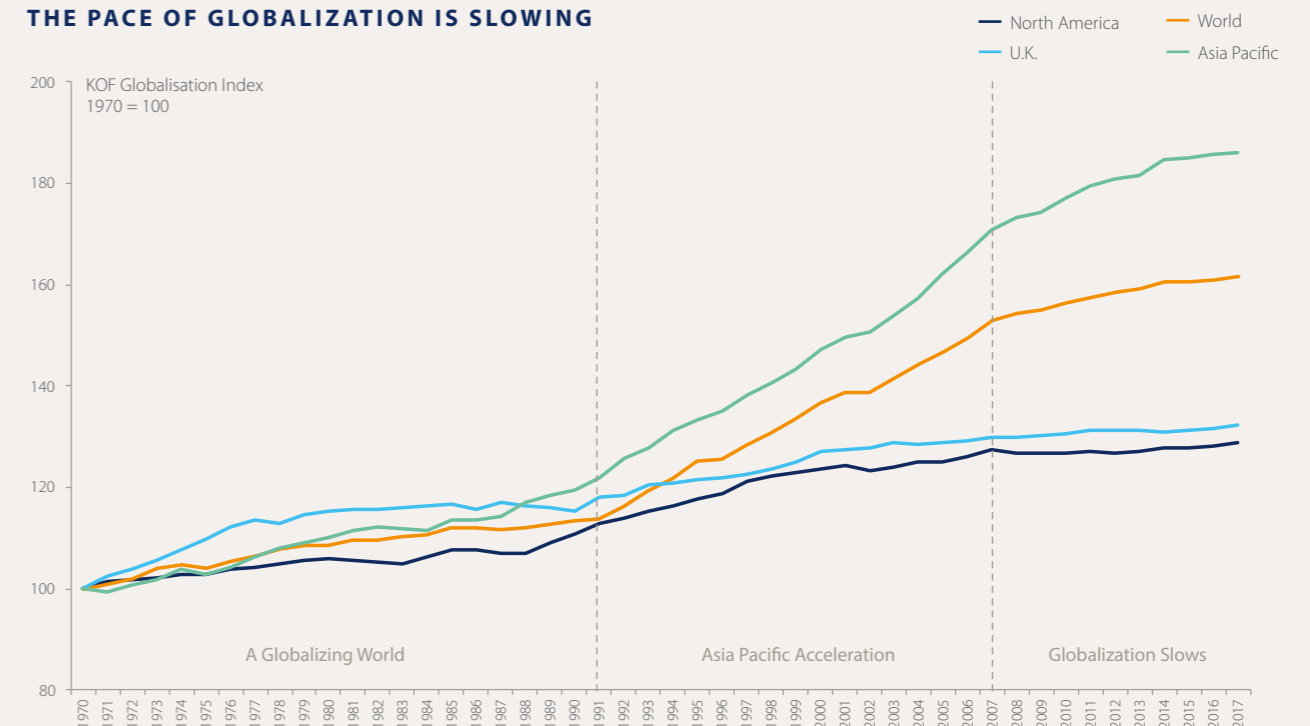
The resulting shift in favor of localization – or at least regionalization – of activities may only be evident at the margins for now, but it is gathering pace. Nearshoring has a commercial imperative; it enables shorter delivery times and greater localization of products, allowing companies to meet consumer demands and react to trends more quickly.

The implications for real estate are profound. Manufacturing facilities (if not necessarily employment) will see renewed demand. Logistics networks will focus more on integrating local and regional hubs, rather than simply connecting efficiently to major ports that are the gateways from Asia. Shopping centers offering a wider range of locally sourced food and beverage, products and services will be differentiated from their competitors, breathing new life into a retail sector desperately in need of reinvigoration.

Globalization is not dead, but it is changing. Investment capital will continue to flow around the globe. But for occupiers, integrating operations in different parts of the world will focus on maximizing quality, access to talent and innovation rather than solely on cost reduction<sup>9</sup>.

## Nearshoring has a commercial imperative; it enables shorter delivery times and greater localization of products, allowing companies to meet consumer demands and react to trends more quickly

### THE PACE OF GLOBALIZATION IS SLOWING



KOF Globalisation Index<sup>10</sup>, Avison Young



# #4 Building resilience

## CITY RESPONSES TO CLIMATE CHANGE

As warning signs of an ongoing climate emergency are becoming more dire and harder to ignore, it is no longer just the scientific community sounding the alarm. Radicalized social protest movements, climate activists young and old and even municipal politicians and bureaucrats are joining the vast majority of the world's climate scientists in reaching a consensus and understanding of the potential social and economic costs of climate change.

The demand for a response is growing, and cities around the globe are developing urban resilience strategies to ensure economic, social and environmental sustainability. They are recognizing their responsibility to mitigate the impacts of extreme weather events on local people, property and infrastructure. By 2030, according to the UN, unless there is significant investment to make cities more resilient, natural disasters may cost cities worldwide \$314 billion annually and climate change could push up to 77 million more city residents into poverty<sup>1</sup>; lower income groups tend to be worst affected by climate change, and least able to recover from the effects<sup>2</sup>.

Urban authorities also need to adopt meaningful regulation to compel more sustainable development, and to champion the use of technology to measure and reduce energy consumption and emissions from buildings.

Cities have started working together on the issue. The C40 Cities Climate Leadership Group, comprising 94 cities around the world that represent a quarter of the global economy and 70% of the global CO<sub>2</sub> emissions<sup>3</sup>, is one such powerful agent for change. Canadian cities including Montreal, Toronto, Vancouver and Calgary have appointed chief resilience officers (CROs) and are developing localized strategies thanks to their involvement in the 100 Resilient Cities Network<sup>4</sup>.

The World Green Building Council and the International Energy Agency have highlighted the need for the built-environment sector to significantly reduce its carbon footprint and emissions<sup>5</sup>. New York City's Climate Mobilization Act, which was passed in April 2019, could prove a game changer for North America. It sets a carbon emissions limit for large NYC buildings, and will provide a model for other global cities to emulate<sup>6</sup>. In 2019, the U.K. became the first major economy in the world to pass laws mandating net zero greenhouse gas (GHG) emissions by 2050 and cities such as Nottingham, Bristol, Oxford, Cambridge and Manchester all have ambitions to reach net zero GHG emissions through more localized initiatives<sup>7</sup>.

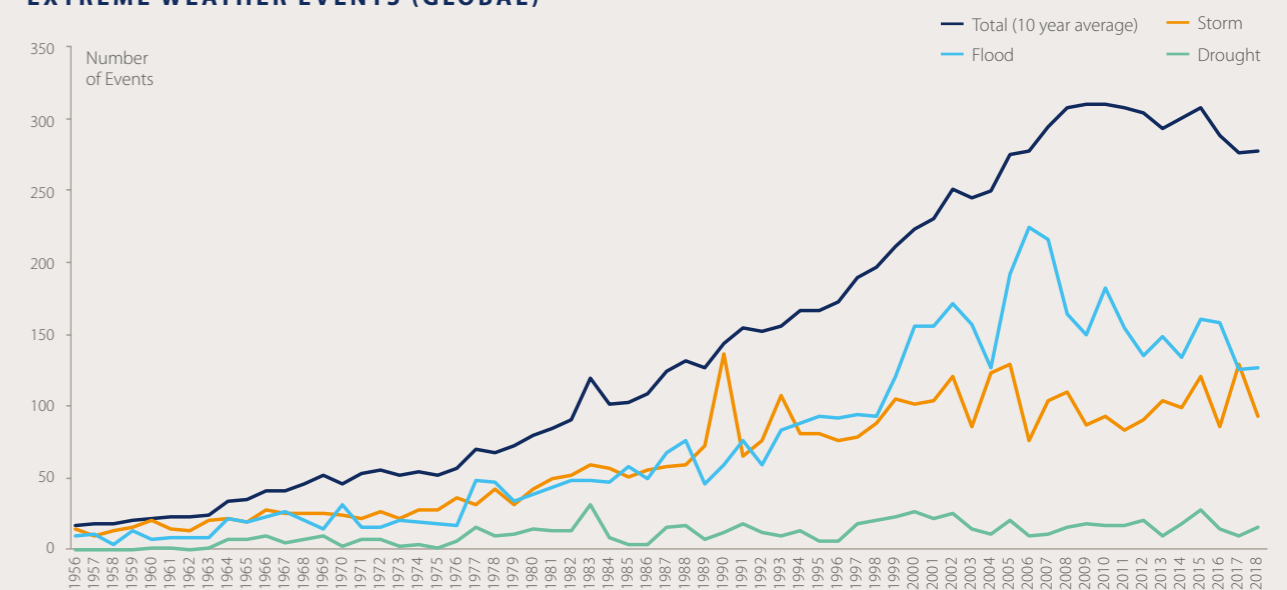
Adopting urban resilience strategies represents a fundamental shift in how we build cities. It will require substantial funding from both the public and private sector, creating significant finance and investment opportunities for private and institutional real estate investors.

It will also need specialized construction and project management expertise to tackle new technologies, building codes and materials<sup>8</sup>. Existing assets will need to be refurbished and retrofitted to meet updated emissions targets. All this will drive demand for new service offerings; from benchmarking of new technology and construction standards to educating the investment industry on which assets will not only deliver strong returns but contribute to the sustainability and health of our built environment.

The introduction of new policies and regulations may be a challenge for the unprepared. However, the real estate industry is perfectly placed to lead a major component of our response to the climate emergency. Around 70% of the global population will live in cities by 2050<sup>9</sup>, yet 60% of that new urban settlement has yet to be built<sup>10</sup>. The challenge is also a huge opportunity.

## The demand for a response is growing, and cities around the globe are developing urban resilience strategies to ensure economic, social and environmental sustainability

### EXTREME WEATHER EVENTS (GLOBAL)



Source: The Emergency Events Database (2019)





# #5 (Place)making an impact

## SOCIALLY RESPONSIBLE INVESTING

**In recent years, we've seen growing recognition of the power of good placemaking in creating vibrant and successful developments and neighborhoods. In 2020 the focus on "place" will increase, accelerated by an emerging priority amongst institutional investors: impact investing.**

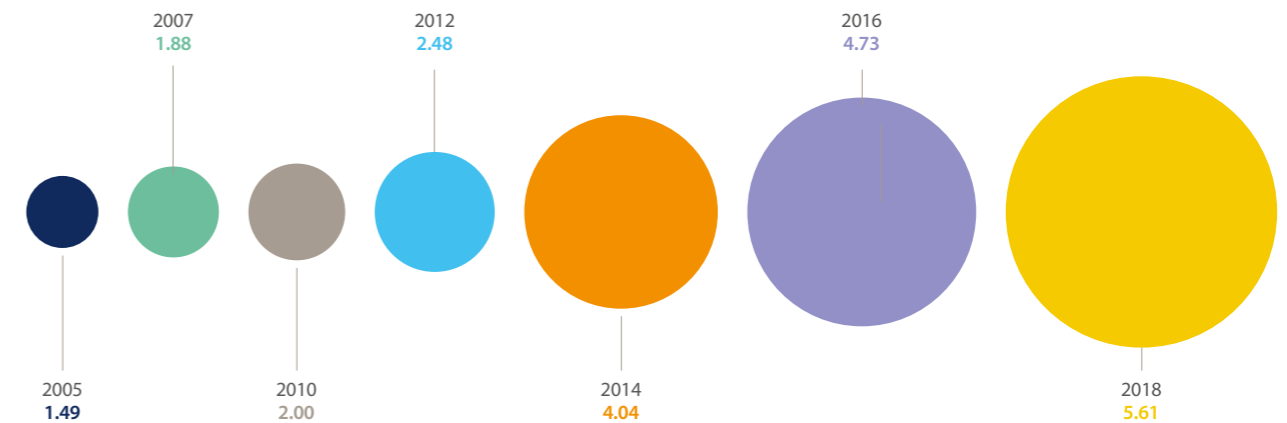
Successful placemaking requires a deeply considered, multi-dimensional response to the factors that come together to create liveable, sustainable and vibrant neighborhoods that are embodied by – and rooted in – the built environment<sup>1</sup>.

Mixed-use schemes have long sought to capitalise on the potential benefits of combining multiple occupational uses within a single development. Contemporary thinking now recognizes that a new property development offers opportunities to go further in providing a local response to issues of growing community concern<sup>2</sup>.

They can address concerns such as the environment and climate change; housing affordability and social exclusion; and a pushback by corporate occupiers and individuals against inauthentic, sterile environments with no "sense of place".

Private sector recognition that this can enhance rather than detract from return on investment parallels a shift in government policymaking on both sides of the Atlantic. In the U.S., the government is encouraging investors to consider social impact by offering tax breaks for development in 8,700 "opportunity zones" to support underserved communities<sup>3</sup>.

### ASSETS MANAGED UNDER ESG\* CRITERIA BY U.S. INSTITUTIONS (U.S.\$ TRILLION)



Source: US SIF Forum for Sustainable Investing (2018)

\*ESG: Environmental, Social, Governance

In the U.K., the Social Value Act commands the public sector to deliver social, economic and environmental benefits with each project<sup>4</sup>. As a major client and partner for placemaking and regeneration projects, the public sector is beginning to influence the delivery of social outcomes at scale.

More broadly, we are seeing a societal shift in attitudes towards the very nature of capitalism. The ongoing aftermath of the financial crisis coupled with rising concern over climate change and social equality are fuelling a surge in populist politics that is challenging conventional free-market economics<sup>5</sup>. Consumers, clients and employees – particularly from younger generations – increasingly demand that the organizations they deal with recognize their wider obligations to society<sup>6</sup>. Companies that have a "sense of purpose" embedded in their culture will increasingly be at an advantage. Last year, over 180 top U.S. CEOs signed up to a new Statement on the Purpose of a Corporation, committing their companies to operate not just for their shareholders, but for the benefit of all stakeholders – including customers, employees, suppliers, and communities<sup>7</sup>. Corporate attitudes are clearly changing.

Interestingly, this parallels a shift which is starting to occur within the real estate investment community. The growing interest in socially responsible investing is now being focused on "impact investing" – investment undertaken in order to generate specific social or environmental benefits in addition to financial gains<sup>8</sup>. At present, investors seeking such opportunities are leaning into sectors such as later living, affordable housing and healthcare, all of which have obvious social outcomes but are still within the traditional sphere of investing.

More individuals are now focussing on the SRI credentials of the funds and organizations they choose to invest their savings and pensions with. As the level and sophistication of scrutiny increases, institutional investors seeking to tap into this growing pool of funds will have to make genuine efforts to balance social outcomes with financial ones.

The interests of various players therefore seem to be converging. Schemes and neighborhoods where placemaking has created positive environments, combining multiple uses and respecting local communities, are likely to be more commercially successful<sup>9,10</sup>. Where they are also seen as socially and environmentally responsive, they will be doubly attractive to the talent occupiers are competing for. They therefore offer the kind of investments that tick multiple boxes for institutional investors desperately searching for yield in a market short on opportunities.

Impact investors seeking to capitalise on a growing pool of socially-aware investors could soon become the champions of social and environmental change in our cities.

**Companies that have a "sense of purpose" embedded in their culture will increasingly be at an advantage**





#6

# The rebirth of retail

## THE REINVENTION OF THE RETAIL SECTOR

Shopping is no longer just about getting goods into the hands of consumers. Retailing has grown to encompass a fully immersive and integrative experience that invites and holds the public's attention. It stimulates their desire to engage with brands, embark on sponsored journeys of the mind and body and interact with a like-minded community of fellow customers<sup>1</sup>.

A reimagining of what retail engagement means for consumers has returned us to the modern equivalent of the traditional town square, a central destination that intentionally blends uses including retail, workspace and leisure with residential space and accessible rapid transit options<sup>2</sup>.

The impersonal and transaction-focused nature of e-commerce, while efficient and appealing to cost-focused customers, has left many shoppers seeking to re-engage with experiential retail in search of a renewed sense of community<sup>3</sup>. This has sparked a renaissance of what it means to be a retailer in the age of online shopping.



Microsoft's first European store, in London, allows you to sit in a McLaren for a virtual driving experience

## Experiential retail is incorporating digital and mobile technologies such as virtual and augmented reality and social media platforms in ways unheard of just five years ago

Experiential retail is incorporating digital and mobile technologies such as virtual and augmented reality and social media platforms in ways unheard of just five years ago<sup>4</sup>. These tools are being used to keep people engaged - specialized showrooms are integrating multiple offers, from food and beverage areas to hands-on opportunities for in-store product personalization. Curating brand experiences that build and reinforce customer loyalty in immersive environs represents a new phase of retailing the public is only now beginning to perceive<sup>5</sup>.

While online activity remains a comparatively small portion of total retail sales<sup>6</sup>, its impact on traditional storefront retail has been dramatic. Vacated shopping centers, high streets, strip malls and big-box power centers serve as highly visible victims of the rapidly evolving retail landscape. Yet many of these assets have appealing characteristics - from site configuration and building construction to proximity to rapid transit lines, arterial roads and high-density residential or employment areas<sup>7</sup>. Much of our former retail space is therefore ideal for adaptive reuse or redevelopment.

While retail generally remains a key component of any reimagining of the local environment, a complete community of complementary uses is required to boost public and consumer engagement. Investments in the public realm and a focus on walkability produce improved returns across the whole spectrum of stakeholders<sup>8</sup>.

While internet sales will continue to expand, many pure-play online retailers are discovering the need for bricks-and-mortar locations as an essential part of an omni-channel strategy. While unlikely to roll out a traditional large-scale store network, many e-tailers are turning to physical locations as a way to promote and showcase new products, and as a channel for reverse-logistics<sup>9</sup>.

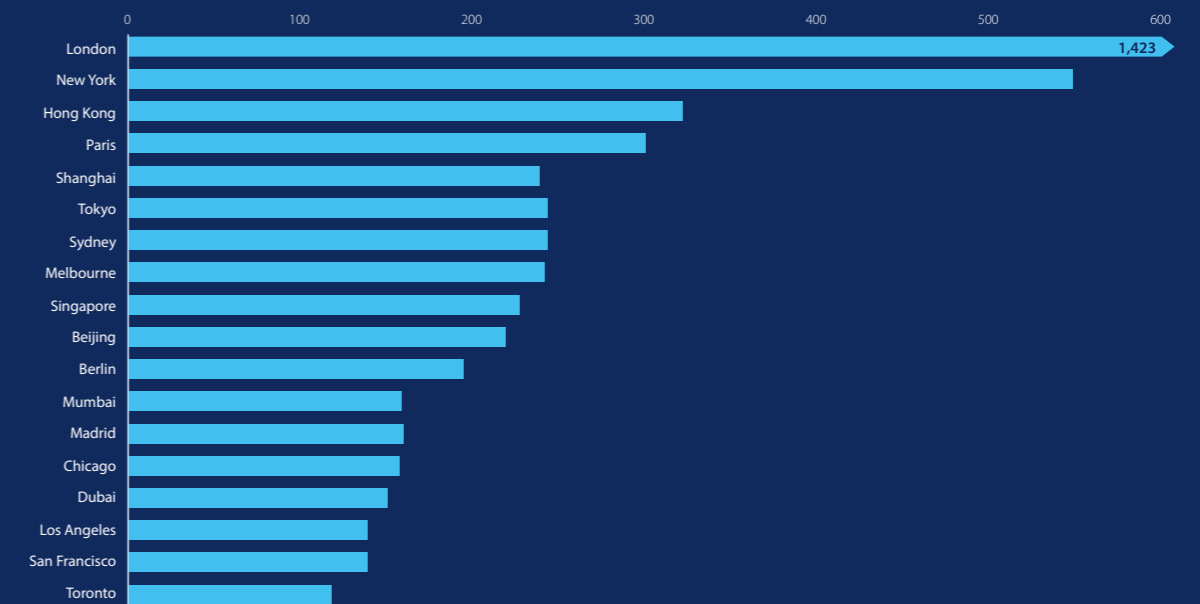
Pop-up stores in a variety of forms are also driving demand for physical retail outlets. Short-term leases provide flexibility, with opportunities to experiment and to exploit unique spaces. Where these are tied to holidays, product launches or celebrity involvement they can attract publicity and boost consumer appeal substantially.

The ongoing evolution of existing retail-focused assets towards more complete communities of activity that better integrate residential and commercial uses will likely be the most influential retail trend for the next five years. Ongoing investment and visionary thinking are being employed to put communities back at the heart of projects in ways that will deliver long-lasting value for a wider range of stakeholders and facilitate the rebirth of retail.





NUMBER OF FLEXIBLE OFFICE CENTERS BY CITY



Source: The Instant Group (2019) Instant Insight.

# #7 Let's talk about flex

## THE FUTURE OF FLEXIBILITY

Forget anything you've read in the newspapers, flexible offices are here to stay and will remain one of real estate's hottest growth areas in 2020. The world is in the early stages of a transformational period as the technological revolution takes over from globalization as the primary driver of business change. For all sorts of reasons, workplace flexibility is at the forefront of occupiers' minds.

As a market disruptor, it's not surprising that WeWork received disproportionate levels of attention for cancelling its public offering. But we all know its instincts are correct. With shorter business cycles, innovation at a premium, and talent expecting workplaces that more seamlessly integrate with their lives, how office space is being used is in a major state of flux<sup>1</sup>.

Flexible offerings currently account for up to 5% of space across most major office markets<sup>2</sup>. Within ten years, this is expected to make a transformative leap to 15-30%. That's because this is no longer just about freelancers and start-ups, this is smart thinking across all businesses. For occupiers and institutional owners, the future is the core-and-flex combo.

The talented individuals that employers want to target are increasingly drawn from the Millennial and Gen Z cohorts<sup>3</sup>. Like it or not, this talent is making new demands for, amongst other things, work/life integration and a more dynamic work environment<sup>4</sup>. Occupiers are having to respond by securing the right types of spaces in the right places, then managing them effectively to create the environments, plural, that the best employees are looking for. Cellular offices, cubicles, open-plan desks and quiet meeting spaces are not mutually exclusive; each is suited to a particular type of work<sup>1</sup>. Staff are looking to employers to provide the type of space they need, when and where they need it<sup>5</sup>.

There is also a growing need for occupiers to flex in and out of space to react to economic cycles, to reconfigure it to drive efficiencies and to remain nimble by adapting space to special projects or assignments<sup>6</sup>. Integrating short-term solutions into their portfolio mix will generate efficiency savings, facilitate business responsiveness to new opportunities, fuel growth and reduce operational risks. Occupiers are willing to pay a premium for space that helps put this strategy into practice.

For institutional owners, the threat is not that core leases will be consigned to history, but that the market is now more nuanced; 'space as a service' requires a combination of offerings – not just in terms of lease length, but in the level of landlord servicing provided<sup>7</sup>. A string of major owners including Tishman Speyer, British Land, EQ office, WashREIT, Landsec, Irvine Companies, Boston Properties and Hines have already turned over parts of their portfolios to flexible offices, and more will follow<sup>8</sup>.

We think owners will eventually commit up to 20% of their portfolios to flexible space, and at these levels the capital markets don't currently think it materially impacts valuations. Certain institutional owners will push deeper than others into the sector; those that get it right can expect to reap the rewards. New products, operating models and partnerships are evolving to support diverse business needs and provide differentiation around factors such as workplace experience, branding and security. While the lease arbitrage model at scale might have been called into question, new management/partnership agreements are likely to smooth the way for future opportunities. Additionally, we predict more operators will look to own the real estate.

Flexible office providers already account for more space take-up than any other sector in every major market around the globe. At some point, consolidation is inevitable. During 2020, this transformation of the office sector will continue apace.

**Flexible offices are here to stay and will remain one of real estate's hottest growth areas in 2020**



# #8 AI

## AUGMENTED INTELLIGENCE?

**Get ready to make new friends in 2020 - your cobot will soon be on its way. Robotic process automation (RPA) won't – necessarily - take your job, but it will transform it. A collaborative robot will make your life easier, helping you work quicker and smarter by willingly taking on those lower-value tasks clogging up your working day.**

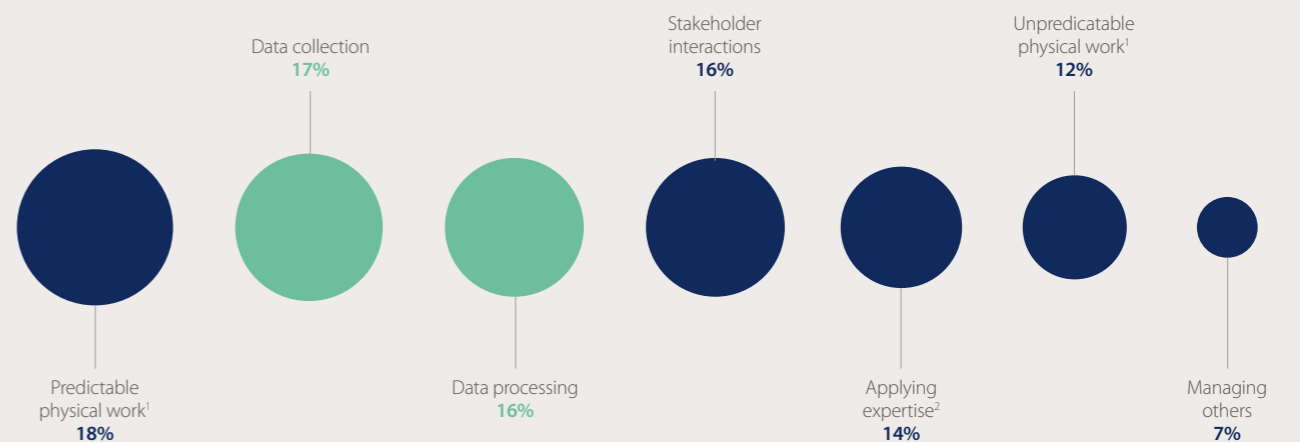
Disappointingly, not everyone will be sitting next to their very own C-3PO or BB-8. There will be some physical automation, akin to the robots we already see in warehousing and manufacturing. But for workers who focus on knowledge rather than products, most RPA is likely to be software or app based, enabling you to automate workflows across multiple interfaces<sup>1</sup>. Either way it's near future now... RPA is getting cheaper, more efficient and more embedded in cutting-edge organizations with every passing year.

RPA adoption is a fast-emerging trend that crosses all industries<sup>2</sup>, with major real estate implications due to the cumulative effect on the type and number of jobs required across different businesses. The McKinsey Global Institute estimates about 30% of the activities in 60% of all occupations could be automated<sup>3</sup>.

Back-office functions, which tend to be clustered in more cost-effective secondary and tertiary cities around the world, will be significantly affected; think of the routine information processing that goes on within banking, insurance and accounting<sup>4</sup>. Hot-bed offshoring locations will also be substantially impacted; offshoring is not going away, but robotics will replace some elements of human behavior and activities.

Less obvious is the impact on organizations, or individual jobs, where such processing is currently intertwined with more client-facing tasks. Separating the wheat from the intellectual chaff of everyday work will boost productivity and creativity, with as yet unforeseeable implications for organizational structures and working practices.

### TIME SPENT IN ALL U.S. OCCUPATIONS



<sup>1</sup>Unpredictable physical work (physical activities and the operation of machinery) is performed in unpredictable environments, while in predictable physical work, the environments are predictable.

<sup>2</sup>Applying expertise to decision making, planning and creative tasks.  
Source: McKinsey & Co (2016)

## A collaborative robot will make your life easier, helping you work quicker and smarter by willingly taking on those lower-value tasks clogging up your working day

For real estate in particular, the scope and pace of these advances should cause us to focus on the processes embedded in our industry. From research and investment decision-making to project management and building engineering, our use of technology and automation to process and manage information is in its infancy<sup>5</sup>. That's in addition to staple company activities where opportunities to deploy RPA abound - such as financial management, invoicing, recruitment and HR. One of the big four management consultancies already uses RPA in the onboarding of thousands of new employees each year<sup>6</sup>.

Before the real estate sector can benefit from the transformative efficiencies and profitability improvements that RPA and AI will deliver, there is some less glamorous blocking and tackling required. As an industry we need to be much better at collecting and taking back control of the data we have access to, and combining it with third party sources in order to unite the currently fragmented real estate data landscape.

Technology will help, but the first step is a change in mindset. Transparency of data about our urban environment has a long way to go. As an industry, we don't yet have clarity over what meaningful information we have and what other data potential strategic partners within real estate might own. The increasing availability of such data has seen prices fall, and the current focus on Smart Cities is rapidly accelerating the range of public and private providers<sup>7</sup>.

If the industry is going to optimize its use of automation and artificial intelligences, it needs to start assessing its data needs and acting on them. Within those organizations that are already doing so, the robots are coming...



# #9 Wishing well

## THE NEW FRONT IN THE WAR FOR TALENT

This is how it used to work just a few years ago: the real estate industry provided the building, the tenant provided the people to put in it every day. The office was a shell within which people got on with their jobs. At the end of the day the workers went home – maybe via the gym, depending on their personal choice. Coffee machines and on-site canteens helped reduce time “wasted” away from the desk. Hours worked was the unofficial metric of employee commitment<sup>1</sup>. Employers were concerned about absence, but mainly in the context of productivity and efficiency.

Not anymore. In recent years, revolutions in working practices have driven a radical shake-up in office design and fitout, forging new relationships between landlord and tenant<sup>2</sup>. Changes in technology and the rise of the sharing economy have transformed our thinking about the nature of work and the workplace. “Space as a service” is now in common parlance<sup>3</sup>, but most often thought of in the context of flexible lease terms. In truth, offices are now a joint venture partnership within which owners and occupiers collaborate to provide workspace as a service to their most important customer: the employee.

As the “war for talent” heats up, wellness has become the new frontier for HR departments around the world. Property managers and landlords are becoming their key allies. Employees generally, and younger generations in particular, are becoming more health conscious. The global wellness market has expanded to be worth U.S.\$4.2 trillion<sup>4</sup>.

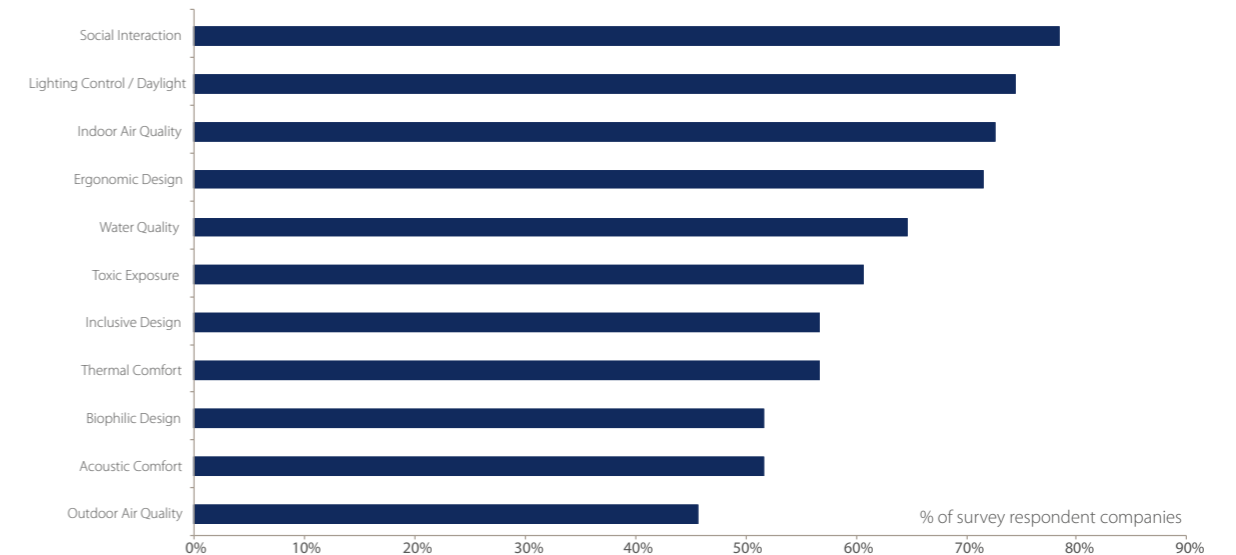
Lifestyle, diet, exercise and work-life balance are recognized as key contributors to mental as well as physical health.

As the boundaries between our work and private lives have become more blurred, so we now expect our employers not just to focus on our wellbeing, but to really care about it. The physical structure and location of a building have a huge part to play in helping companies look after their staff. This includes the creation of spaces that support neurodiversity and those with neurological differences or mental health issues<sup>5</sup>.

Good natural light and air quality – preferably using environmentally friendly natural ventilation – are essential<sup>6</sup>. Buildings should also support active lifestyles: an attractive staircase to encourage people away from elevators, cycle racks and showers, maybe a gym<sup>6</sup>.

This is particularly crucial in multi-tenant buildings where occupiers have limited opportunities to tailor space to their needs. Catering outlets that provide a range of healthy products are increasingly valued – either within the building or close by – accommodating individual dietary preferences and sustainably sourced from local suppliers rather than multinational chains.

### STRATEGIES TO PROMOTE EMPLOYEE HEALTH AND WELLBEING

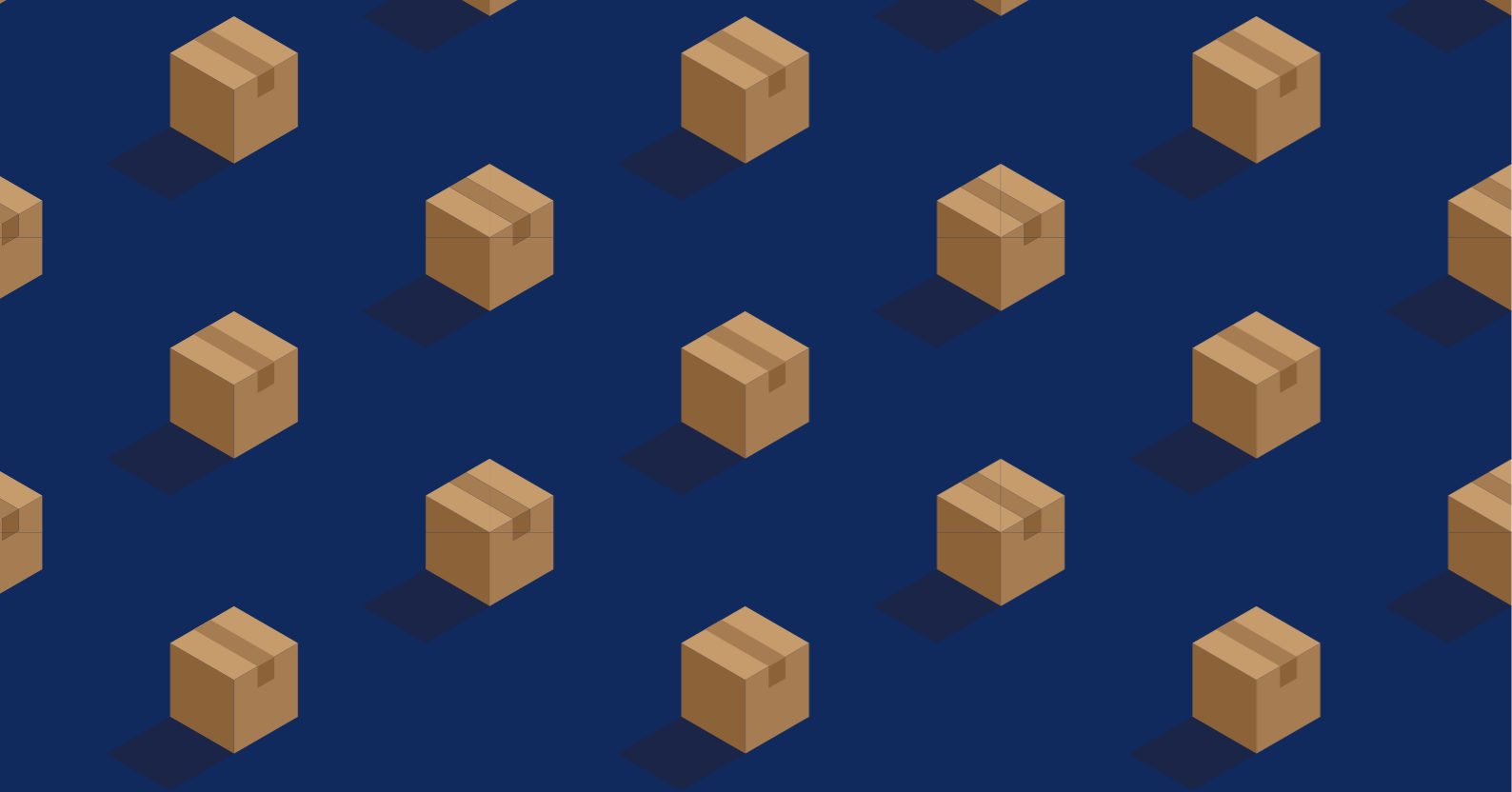


Source: Green Health Partnership & GRESB (2019)<sup>10</sup>

Community building is also critical<sup>7</sup>. It’s predominantly been mixed-use buildings that have understood that connectivity of people is key to the holistic success of places. But now we see single occupier and multi-let offices striving to create a sense of place and community. Companies want spaces that instil a sense of pride in their workforce and provide an environment in which people thrive<sup>8</sup>.

It is easy to be cynical about corporate initiatives to improve employee wellbeing. But “enlightened self-interest” is a true win-win for both forward-thinking employers and their staff. Happy, healthy employees are more engaged, more productive and less likely to leave<sup>9</sup>. Happy companies are less likely to walk away from a co-operative landlord and a building that supports their efforts. For owners and occupiers alike, a focus on wellness will be increasingly key to maintaining a healthy bottom line.

**The physical structure and location of a building have a huge part to play in helping companies look after their staff**



#10

# Heavy lifting

## LOGISTICAL CHALLENGES

**Logistics may be the darling of the investment market but, as we all know, it's tough at the top. Viewed superficially, it seems a simple story: booming demand for robot-filled warehouses to support an ever-expanding array of online retailers. The reality is more complex.**

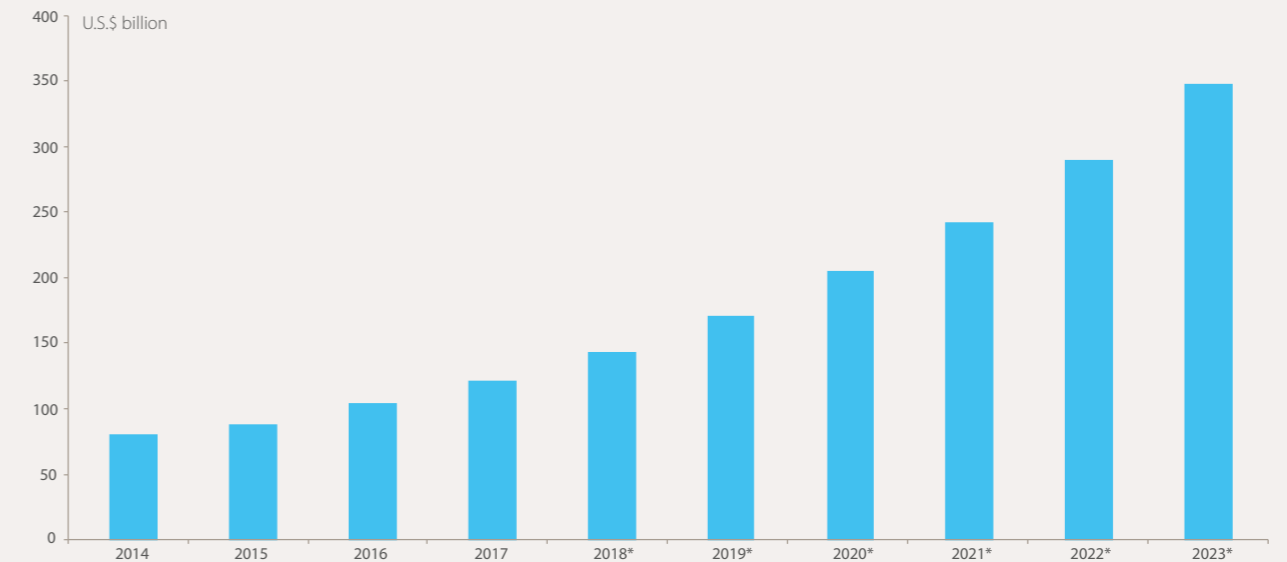
Automation is undoubtedly coming but, for now at least, e-commerce warehousing is a labor-intensive business ... and it's short of people<sup>1</sup>. In the U.S., the largest facilities need 2,000 to 3,000 FTE workers, which is difficult to sustain with unemployment at record lows<sup>2</sup>. The U.K. is already short of warehouse workers - and with eastern Europeans making up 15% of the workforce<sup>3</sup>, this is likely to worsen with immigration levels falling sharply ahead of Brexit<sup>4</sup>.

Alongside "last mile" delivery, the current hot topic is reverse logistics - the process of dealing with unwanted goods returned by online purchasers.

These can run to 40% or more of goods sold in some segments, representing a huge financial and operational headache for retailers<sup>5</sup>.

Some run dedicated warehouses or outsource the process to specialist operators. Reintegrating returns into the supply chain is highly labor-intensive, requiring careful handling of goods that arrive in various conditions and irregular volumes. Where processing costs are simply too high, products can end up being discarded<sup>6</sup>.

### VALUE OF U.S. E-COMMERCE PRODUCT RETURNS



Source: Business Insider Reverse Logistics Report (2018)

\*estimate/forecast

Retailers are recognizing the problem and starting to take action. Some price the costs into their products or charge for returns, others block customers with a history of "excessive" returns<sup>7</sup>. Consumer sentiment is changing, recognizing the carbon costs associated with deliberate over-ordering of goods - but this will take time to permeate through the population as a whole. Ease of returns is currently a key factor in consumer willingness to shop online, so the problem is likely to get worse in the years ahead.

Logistics companies are addressing their employment problem by shifting their attention to locations offering cheaper and more available labor. The trend of moving to non-prime locations is set to continue, securing access to new labor pools as well as greater pre-let property opportunities. In the U.K., Amazon has been responsible for 20% of all distribution space of over 100,000 sf leased in the past three years, and most of this has been outside core locations<sup>8</sup>.

Companies are also adopting new initiatives to make logistics facilities more attractive places to work. Health and wellbeing may be discussed more often in an office context, but concern has rightly spread to sheds<sup>9</sup> with many now offering exercise areas such as outdoor gyms and running tracks, and better access to healthier food via in-house restaurants or food trucks<sup>10</sup>. In the warehouse environment, there is a growing focus on better ventilation and air quality, in some cases including the use of moss in "living walls" to absorb airborne contamination.

With labor shortages and cost reduction a perennial challenge in an industry where margins are tight, many companies are already looking at investments in automation and robotics. Both technologies are growing fast; the logistics sector accounts for almost two thirds of all robotics units sold globally, a market which is forecast to grow rapidly.

The technology is now easier to install, helped by modular building designs, and continual software advances are rapidly making all forms of automation more effective and energy efficient.

The technology is not yet at a stage where it's materially reducing staff numbers - and the investment required is not small. Further moves towards automation could prompt consolidation as those companies with stronger balance sheets operating at scale develop a competitive advantage. For the time being, the battle to attract and retain the right employees at an acceptable cost continues in the logistics sector just as it does elsewhere.

## Reintegrating returns into the retail supply chain is highly labor-intensive



## And finally...

One other issue we think it's important to know about going into 2020.

# Future growth

## THE OPPORTUNITIES AND CHALLENGES OF CANNABIS LEGALIZATION

### "Oh, the times they are a-changin'..."

In March 1992, then U.S. Presidential candidate Bill Clinton created headlines around the world with his admission that he had experimented with cannabis but didn't like it and "didn't inhale".

Fast forward to the U.K. General Election last December and the Liberal Democrats, one of the U.K.'s main political parties, pledged to legalize cannabis and tax it to raise £1.5bn to fight crime<sup>2</sup>. Party leader Jo Swinson admitted smoking the drug at university, saying "and I enjoyed it"<sup>3</sup>. The revelation barely rated a mention in the press.

With political and social easing over cannabis leading to policy changes worldwide - in particular for medical use - this presents the real estate industry with a new opportunity in 2020<sup>4</sup>.

Canada kick-started the process back in 2018 when it became the first G20 country to fully legalize cannabis.

Meanwhile, in the U.S., a patchwork of state legislation has resulted in 33 states and the District of Columbia legalizing the drug for medical use. Across the Atlantic, the European Union is considering harmonizing rules around a legalized medical cannabis industry - tipped to be worth €116 billion by 2028<sup>5</sup>.

A whole range of by-products is already filling shelves around the world. Cannabidiol (CBD), a non-psychoactive chemical extracted from the plant, is a popular ingredient in food, drink and beauty products. This market is expected to be worth \$22 billion in the U.S. alone<sup>6</sup>.

The big opportunity for the real estate industry in 2020 is centered on how the expansion of the drug for medical use will open up new markets. National governments are starting to issue licences; Germany agreed three in 2019, which will take the market in the country from €135 million to €1 billion this year<sup>7</sup>.

Where regulation allows, real estate opportunities range from research and development through to cultivation and manufacturing facilities. Science parks are likely to house sophisticated lab space and offices. There will be increased take-up of facilities to support plant growth, product manufacturing and distribution.

Canopy Growth, the world's largest publicly traded cannabis company, is a good example of the real estate potential<sup>8</sup>. It has 5.4 million square feet of operations in Canada, which includes indoor and greenhouse cultivation, as well as processing and manufacturing spaces for products that include vapes, food and beverages<sup>9</sup>.

Potential opportunities are not restricted to those countries that legalize cannabis for use - medical or otherwise.

The U.K. is currently Europe's largest exporter of the plant for medical purposes, despite its existing tough stance on usage<sup>10</sup>. Countries such as Malta, Greece, Denmark, Spain, Portugal, Israel, and Australia are expected to emerge as large exporters - but as more licences are issued, there will be more focus on domestic growing and manufacturing.

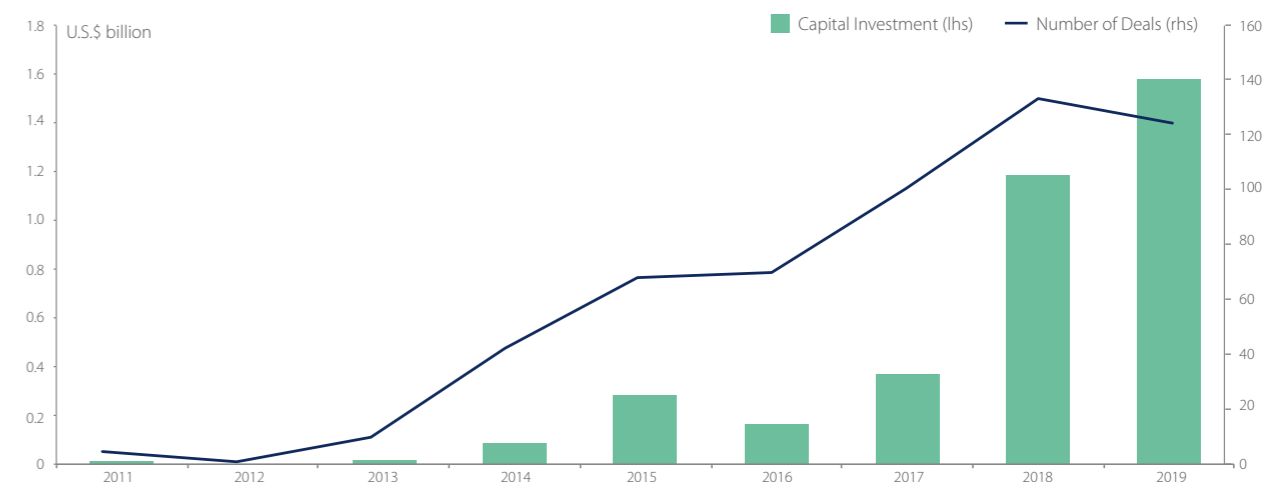
Another sign of the sector's potential is the interest from venture capital. Investments in the U.S. cannabis market hit record levels in the first five months of 2019 when U.S.\$1.6 billion was raised across 126 deals<sup>11</sup>. Today's venture capital targets tomorrow's institutional investments.

For those with an eye on future opportunities, Canadian companies are the ones to watch. In 2019, Canopy Growth bought German medical cannabis company C3, Spanish producer Cafina and U.K. skincare and wellness outfit This Works<sup>12</sup>. It also signed up to buy U.S. rival Acreage in a \$3.4 billion deal which will finalize if - or more likely when - cannabis is fully legalized in the U.S.<sup>13</sup>. Also last year, Canadian medical company Tilray set up a Portuguese research and cultivation campus<sup>14</sup> while Canadian producer Aurora took over Portuguese competitor Gaia Pharma and won a tender to produce and distribute cannabis in Germany<sup>12</sup>.

They are thinking ahead. Savvy real estate players are doing the same.

## Potential opportunities are not restricted to those countries that legalize cannabis for use

### VENTURE CAPITAL FUNDING FOR CANNABIS START-UPS



Source: Pitchbook (2019)<sup>11</sup>

# Ten Trends for 2020

Our Ten Trends commentary has been prepared based on the market knowledge and experience of Avison Young professionals around the world, along with the following sources.

## #1 Lower for longer

1. Wolf, M. (2019) How our low inflation world was made. Financial Times.
2. Bank of England (2019) How does the housing market affect the economy.
3. Thompson, J. (2019) Blue Noble joins crowded European property funds sector. Financial Times.
4. McKinsey Global Institute (2018) Solving the productivity puzzle.
5. BIS (2018) Monetary policy: a narrow normalisation path.
6. Taylor, J. B. (2016). Policy Stability and Economic Growth—Lessons from the Great Recession: Lessons from the Great Recession. London Publishing Partnership.
7. Evans, J. & Hammond, G. (2019) Hongkongers turn to Brexit Britain as a haven. Financial Times.
8. United Nations (2019) Impact Transforming Business, Changing the World.

## #2 Power to the people

1. Bridgewater (2017), Populism: The Phenomenon.
2. Karnitschnig, m. (2019) Populist tide rises but fails to flood EU. Politico.
3. Goodwin, M. (2018) Why national populism is here to stay. New Statesman.
4. Knight, B. (2019) Berlin's new rent freeze: How it compares globally. DW.
5. Elgot, J. (2019) Sadiq Khan makes rent control key plank of mayor re-election bid. The Guardian.
6. Whitehead, C., & Williams, P. (2018) Assessing the evidence on rent control: an international perspective. RLA: Manchester.
7. CDP (2019) 43 cities score an A grade in new cities climate change ranking.

## #3 (De)globalization

1. PwC (2019) Emerging Trends in Real Estate.
2. Lawrence, T. & Vasak, D. (2014). Re-shoring Good, Reinvention Better: UK manufacturing need to take the long view, PA Manufacturing White Paper.
3. Unilever (2017) Report shows a third of consumers prefer sustainable brands.
4. Marangos, J. (2018). Alternative International trade policies and the role of Foreign aid for transition economies. In Marketing Strategies for Central and Eastern Europe (pp. 105-116). Routledge.
5. World Inequality Lab (2018). World Inequality Report.
6. Saval, N. (2017) Globalisation: the rise and fall of an idea that swept the world. The Guardian.
7. Nomura (2019) Globalisation: Stalling or reversing?
8. Moser, H. (2019). Reshoring Was at Record Levels in 2018. Is it enough? IndustryWeek.
9. Groom, B. (2018). Reshoring: bringing manufacturing home. Raconteur.
10. Source: Gygli, Savina, Haelg, F., Potrafke, N., & Sturm, J. (2019) The KOF Globalisation Index – Revisited, Review of International Organizations, 14(3), 543-574.

## #4 Building resilience

1. UNISDR (2015) Making Development Sustainable: The Future of Disaster Risk Management. Global Assessment Report on Disaster Risk Reduction. Geneva, Switzerland: United Nations Office for Disaster Risk Reduction (UNISDR).
2. Thomas, K., Hardy, R.D., Lazrus, H., Mendez, M., Orlove, B., Rivera-Collazo, I., Roberts, J.T., Rockman, M., Warner, B. & Winthrop, R. (2018) Explaining differential vulnerability to climate change: A social science review. Wiley Interdisciplinary Reviews: Climate Change, 10(2).
3. C40 (2011) Letter from C40 Sao Paolo Summit to Rio +20, UN Conference on Sustainable Development: Statement of the C40 Steering Committee on the role of cities in tackling climate change.
4. 100 Resilient Cities (2019) Team Canada: Planting the Seeds for a National Resilience Movement.
5. International Energy Agency and the United Nations Environment Programme (2018) 2018 Global Status Report: towards a zero-emission, efficient and resilient buildings and construction sector.
6. New York City Council (2019) Climate Mobilization Act.
7. UK Government (2019) UK becomes first major economy to pass net zero emissions law.
8. UK Green Building Council (2019) Climate resilience and embracing nature: An ambition for the built environment.
9. United Nations, Department of Economic and Social Affairs, Population Division (2019) World Urbanization Prospects: The 2018 Revision (ST/ESA/SERA/420). New York: United Nations.
10. Elmqvist, T. et al (2013) Stewardship of the biosphere in the urban era. In Urbanization, biodiversity and ecosystem services: Challenges and opportunities (pp. 719-746). Dordrecht: Springer.

## #5 (Place)making an impact

1. Dupre, K. (2019) Trends and gaps in place-making in the context of urban development and tourism: 25 years of literature review. Journal of Place Management and Development, 12(1), 102-120.
2. Hoffman, J. (2017). Mixed-Use Centers, Part I: The Economics of Place-Making. Los Angeles Times.
3. McKinsey & Company (2019) Making the most of US opportunity zones.
4. UK Government (2018) Social Value Act: introductory guide.
5. McPherson, S. (2019) Corporate Responsibility: What To Expect In 2019. Forbes.
6. Orlik, T., Johnson, S., & Tanzi, A. (2019) Tracking the Forces Threatening the World's Hottest Economies. Bloomberg.
7. Gelles, D. & Yaffe-Bellany, D. (2019) Shareholder Value Is No Longer Everything, Top C.E.O.s Say. The New York Times.
8. Sardy, M., & Lewin, R. (2016) Towards a global framework for impact investing. Academy of Economics and Finance Journal, 7, 73-79.
9. Cohen, M., et al (2018) Valuing creative placemaking: development of a toolkit for public and private stakeholders. NSW Government.
10. GVA et al (2018) Places That Work.

## #6 Rebirth of retail

1. Mintel (2019) Global Consumer Trends 2030.
2. New London Architecture (2019) Future Streets.
3. KPMG (2019) Global Retail Trends 2019.
4. JP Morgan (2019) Global Insights Report.
5. Wiler, C. (2019) How Experiential Retail Can Rescue Struggling U.S. Retailers. Retail Touch Points.
6. Kantar (2019) Global online FMCG sales grew by 20% in 2018.
7. Forbes (2019) Shopping Malls Aren't Dying - They're Evolving.
8. Living Streets (2018) The Pedestrian Pound.
9. Big Commerce (2019) The Global Omni-Channel Consumer Shopping Research Report.

### #7 Let's talk about flex

1. SpacelQ (2019) Design Your Workplace for Employee Productivity.
2. Instant Offices (2019) Global Flex Market 2019.
3. Deloitte (2017) Future of Work.
4. Great Places to Work (2019) Managing Millennials.
5. The Instant Group (2019) The Growth of Choice.
6. Evans, J. (2018) UK landlords jump on WeWork flexible office bandwagon. Financial Times.
7. Vora, R. (2019) Why Companies Are Adopting the Space As a Service Business Model. Entrepreneur.
8. Hines (2019) Hines Introduces New Global Workplace Platform: Hines<sup>2</sup>.

### #8 AI

1. Waters, R. (2018) Businesses turn to software robots for office work. Financial Times.
2. Deloitte (2018) Robotic process automation (RPA) trends and to-do list for scaling across the enterprise.
3. McKinsey & Co (2016) Where machines could replace humans—and where they can't (yet).
4. AT Kearney (2018) Robotic Process Automation.
5. Kurzweil, R. (2006) The Singularity Is Near. Penguin Publishing.
6. Agnew, H. (2016) Technology transforms Big Four hiring practices. Financial Times.
7. Smart Cities World (2019) Smart cities require creative thinking on data centre real estate.

### #9 Wishing well

1. Williams, J.C. (2013) Why Men Work So Many Hours. Harvard Business Review.
2. SpacelQ (2019) Design Your Workplace for Employee Productivity.
3. Vora, R. (2019) Why Companies Are Adopting the Space As a Service Business Model. Entrepreneur.
4. Global Wellness Institute (2018) Global Wellness Economy Monitor.
5. International Well Building Institute (2019) The WELL Building Standard v1.
6. Design Council (2014) Active by Design.
7. WELL Building Institute (2017) Vision for healthy communities built through industry partnership.
8. Mairs, J. (2016) Office spaces should be more like hotels or cafés. Raconteur.
9. Mehta, D. & Mehta, N. K. (2013) Employee engagement: A literature review. *Economia. Seria Management*, 16(2), 208-215.
10. Green Health Partnership & GRESB; Health & Well-Being in Real Estate. Sept 2019.

### #10 Heavy lifting

1. Philips, E.E. (2018) E-Commerce Driving Need for More Warehouse Workers. The Wall Street Journal.
2. McKinsey (2019) Automation in logistics: Big opportunity, bigger uncertainty.
3. BBC News (2018) EU migration: Which industries employ European workers?
4. Staton, B. (2019) Employers 'simply not ready' for post-Brexit immigration regime. Financial Times.
5. Magento (2019) The Journey of a Gift.
6. Oporto (2018) 2018 Impact Report.
7. Orendorff, A. (2019) The Plague of Ecommerce Return Rates and How to Maintain Profitability. Shopify.
8. Avison Young (2019) The rising warehouse: man and machine.
9. Song, Z. & Baicker, K. (2019) Effect of a Workplace Wellness Program on Employee Health and Economic Outcomes. *JAMA* 321(15).
10. Prologis (2019) Top Solutions to Source, Train and Retain Labour in Logistics Facilities.

### And finally... Future growth

1. Waxman, O.B. (2017) Bill Clinton Said He 'Didn't Inhale' 25 Years Ago - But the History of U.S. Presidents and Drugs Is Much Older. Time.
2. Hymas, C. (2019) Legalising cannabis could raise £1.5 billion in tax, say Lib Dems, as they launch manifesto. The Telegraph.
3. Diver, T. (2019) Jo Swinson insists she will not resign even if Lib Dems lose seats at the election. The Telegraph.
4. Grand View Research (2019) Legal Marijuana Market Size, Share & Trends Analysis Report By Type (Medical Cannabis, Recreational Cannabis), By Product Type, By Medical Application (Cancer, Mental Disorders), And Segment Forecasts, 2019 - 2025.
5. Health Europa (2019) European Union history in the making with legalising medical cannabis.
6. Brightfield Group (2018) CBD worth \$22 billion by 2022? That's crazy, right?
7. Prohibition Partners (2019) Germany awards domestic cultivation licences to Aphria, Aurora and Demecan.
8. Reuters (2019) Canopy Growth Corp.
9. Canopy Growth Corporation (2019) Management's Discussion and Analysis of Financial Condition and Results of Operations.
10. Pasha-Robinson, L. (2018) UK world's largest producer of legal cannabis, finds UN body. Independent.
11. Pitchbook (2019) VCs smoke last year's record for cannabis funding.
12. Meyer, D. (2019) As Europe's Cannabis Industry Opens Up, Established Canadian Companies Are Pouncing. Fortune.
13. Dorbani, I. (2019) Canopy And Acreage Shareholders Approve \$3.4 Billion Deal, But Don't Party Yet. Forbers.
14. Cherney, M.A. (2019) Tilray signs first deal to supply pot to Europe out of new Portugal Facility. Market Watch.

2020

NATIONAL OUTLOOK

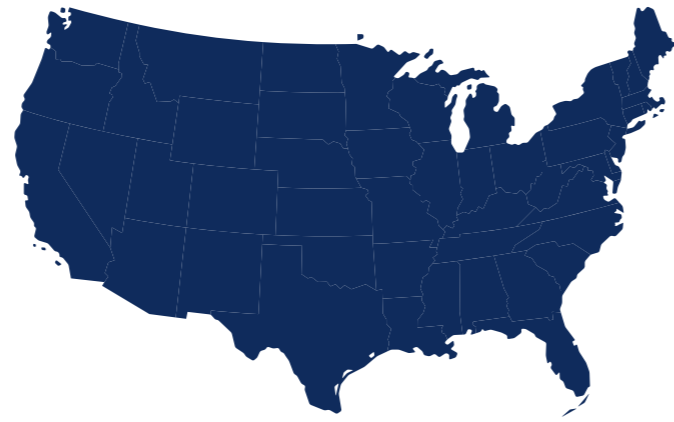
2020

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UNITED STATES



# UNITED STATES



## EXECUTIVE SUMMARY

- Despite a climate of uncertainty, the U.S. economy continued to grow in 2019 but at a slightly slower pace than in recent years.
- Growth will remain positive but is unlikely to accelerate while U.S.-China trade tensions persist.
- The strongest U.S. labor market in decades is supporting consumer and business spending, with consequent benefits for many areas of real estate.
- Positive momentum within U.S. commercial property markets in 2019 is likely to persist into 2020, with continued healthy occupancy levels and rent growth across most markets.
- While the construction pipeline for office and industrial space remains full, restraint on the part of lenders, equity sources and developers mean new supply appears largely in line with demand, keeping concerns of overbuilding at bay.

Adding to a decade-long expansion, the U.S. economy continued to grow throughout 2019 despite facing many headwinds during the year. Uncertainties created by the U.S.-China trade wars and lack of a Brexit deal weighed heavily on global business confidence, but there are few signs of an imminent downturn, and a strong labor market is fueling the nation's real estate markets.

Geopolitical tension, trade negotiations, Brexit, calls for the Federal Reserve to cut rates and presidential impeachment inquiries were just a few of the headlines that complicated an already cloudy economic picture throughout 2019. Short-term fluctuations in the financial markets rattled investor confidence and signs of a global slowdown appeared. Despite these challenges, the U.S. economy continued its decade-long expansion. While key indicators showed some cooling in the U.S. economy in 2019, job growth and consumer spending remain healthy heading into 2020.

The Federal Reserve lowered interest rates three times during the year in an effort to keep the economy running at a safe cruising level and maintain growth. Lower rates gave investors an opportunity to withstand a potential downturn by creating more runway to find restructuring and refinancing opportunities for existing debt. Lower interest rates are likely to remain in place throughout the course of 2020.

Investment activity in the U.S. was broadly stable throughout 2019. Total investment volume across all product types was down slightly, following record-breaking activity in recent years and an increasing gap between buyer and seller expectations. While a decline in office, retail and multi-family sales depressed overall volume, the industrial sector saw an increase in transaction activity year-over-year. Growing political tensions combined with the uncertainty inherent in a presidential election year are likely to cause some corporate buyers and investors to move to the side-lines in 2020, if only for a while. U.S. investment activity will likely remain relatively flat over the next 12 months as a result.



**Going forward, expect a similar economic and real estate climate throughout the U.S. markets in 2020. U.S. consumers and businesses will continue to operate with cautious optimism, with global uncertainty persisting as domestic concerns dominate during the 2020 election.**



U.S. employers continued to add jobs throughout the year, albeit at a somewhat slower pace. Although monthly numbers fluctuated, by late 2019 the U.S. had seen over 100 consecutive months of job growth, bringing the unemployment rate down to 3.5% - its lowest level since December 1969. The war for talent has therefore taken center stage, as employers struggling to find qualified personnel look for new ways to retain and attract top talent. Companies have become creative with incentives such as unlimited vacation time, free meals, gym memberships and flexible hours. The workplace environment is increasingly viewed as a recruitment and retention tool, leading companies to seek out highly accessible, amenity-rich locations, sometimes in exchange for significantly higher unit occupancy costs. Equally important, more efficient space usage and a search for more affordable cities, offering higher quality of life for young talent, is helping occupiers keep overall property costs under control.

The U.S. commercial property markets reaped the benefits of the continued growth in employment during 2019. As U.S. companies added to their headcounts, their footprints also increased. Within the 47 major U.S. markets that Avison Young tracks, office and industrial sectors measured positive occupancy growth to the tune of 200 million square feet (msf). However, net absorption was measured at a slower pace in 2019, down 18% from 2018 in the office sector and 26% in industrial.

The pipeline of office construction continued to grow in 2019, continuing the trend seen in 2018. At the close of the year, 113 msf of office space was under construction in the U.S. markets tracked by Avison Young, 45% of which was already preleased. Industrial construction remained flat year-over-year at 235 msf, 30% of which was reported as preleased. Land constraints could dampen future development opportunities, but these supply headwinds also promote higher rental rates for commercial space. Speculative construction across the U.S. is largely driven by the ongoing demand from tenants for new space and is expected to continue into 2020.

## The five markets measuring the highest level of investment volume across all property types include Washington DC, New York, Los Angeles County, Dallas and Chicago. These five markets accounted for 35% of total deal volume recorded in the U.S. in 2019.

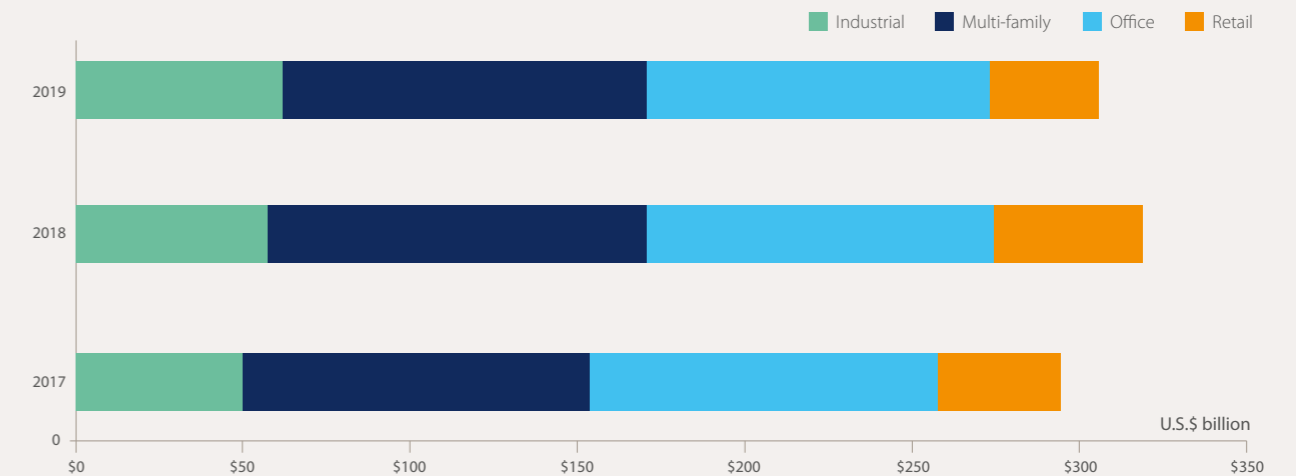
### KEY MARKET METRICS – 2020 EXPECTATIONS

Annual growth rates, estimated for year-end 2020 vs year-end 2019

	OFFICE	RETAIL	INDUSTRIAL
Rental Growth	↑	→	↑
Vacant Space	↑	→	↑
Construction Levels	→	→	↑
Investment Volume	↑	↓	↑
Leasing Volume	↓	↓	↓

↑ up slightly   ↑↑ up moderately   ↑↑↑ up strong   → flat   ↓ down slightly   ↓↓ down moderately   ↓↓↓ down strong

### TOTAL ANNUAL U.S. INVESTMENT VOLUME BY PRODUCT TYPE



Source: Real Capital Analytics

Incorporating technology into buildings has become a major trend in new construction, for developers and tenants alike. Developers are striving towards smart buildings to tighten the efficiency of energy usage and provide greater safety and comfort, while also delivering cost savings that are more closely aligned with the goals of property owners, management and tenants. Owners cannot ignore the need to also incorporate resilience strategies into new developments as the implications of climate change impact the U.S. property market. From flooding in the Southeast, to harsh winter storms in the North and wildfires tearing through the West, developers must increasingly take natural disasters into account and consider strategies to mitigate risk moving forward. Going into 2020 the need for retrofitting existing properties and replacing obsolete inventory will impact building costs and development.

Widespread debate over the impact – and future – of coworking space took center stage toward the end of 2019. While concern persists over the most appropriate business model for the sector, flexibility remains key for occupiers. Coworking is only a part of the picture but will remain a key component within the real estate industry. Regardless of the fate of particular providers, key markets to watch are those in which operators have taken a substantial amount of space. In the U.S. these include - but are not limited to - Manhattan, where WeWork is the largest office tenant, and San Francisco, in which WeWork occupies more than 5% of the total office inventory.

Any return of underperforming space as well as a decline in expansion activity in these markets could have a material impact on both vacancy and office sales. Nonetheless, these are markets that have historically weathered market corrections with more resiliency than others, and any detrimental impacts would likely be short-lived. This is particularly true if the economy remains healthy and displaced occupiers relocate to alternate providers.

At the close of 2019, office vacancy measured 11.6% across the U.S. markets tracked by Avison Young, which was relatively unchanged from the previous year despite a healthy supply of new inventory. San Francisco recorded the lowest office vacancy rate at 3.4%, down 13% year-over-year. Industrial markets remain tight across the U.S., with overall vacancy measuring 5.3% at the close of the year. Both Gainesville, Florida and Los Angeles County measured the lowest vacancy rates at just 2.3%. An increase in speculative deliveries, combined with an anticipated slowing pace of absorption, may cause an uptick in vacancy rates across some U.S. markets over the year. Going into 2020 Avison Young expects absorption to remain positive in both the office and industrial sectors; however, leasing activity may moderate, and construction deliveries are likely to place modest upward pressure on overall vacancy rates. Overall, rental growth will remain positive, although rates will reflect the localized supply-demand balance.

The retail sector has seen dramatic transformation in recent years and headlines in the media imply an industry in crisis, but this narrative is somewhat misleading. The Conference Board's Consumer Confidence Index saw its largest decrease in a year in September, but sentiment remained at a historically high level in 2019 despite capital market uncertainty and a somewhat volatile economic climate. Retail sales continued to rise by around 4.5% in 2019 compared to 2018 on an unadjusted basis, signaling healthy consumer optimism.

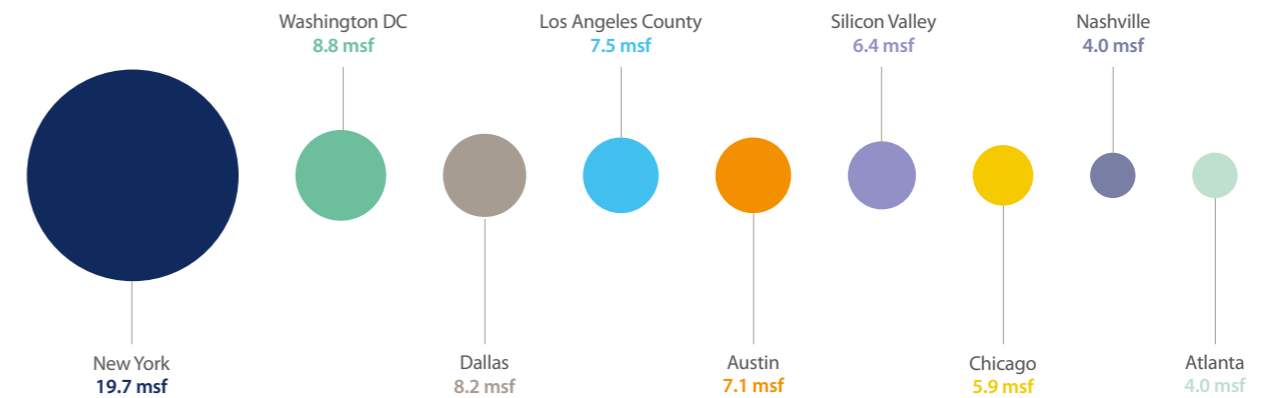
Online retail accounted for around 11% of activity during the third quarter of 2019, with internet sales growing 5% from the prior quarter. However, this means nearly 90% of retail sales continue to come from traditional brick-and-mortar stores. Clicks to bricks, where formerly pureplay online retailers are opening brick-and-mortar stores, continued throughout 2019 at an increasing pace, underscoring the importance of physical retail. Omnichannel retailers typically see a significant uptick in online sales when they open a new store.

Retail space is being incorporated into nearly all new office and multi-family developments across the U.S., creating "live-work-play" environments with a sense of place that are attractive for potential residents and occupiers. Retailers and landlords are focused on placemaking and delivering customer experience, of which an attractive physical environment both in-store and beyond is a key component.

High-traffic, Amazon-resistant tenants such as restaurants, fitness concepts and entertainment venues are expanding at a rapid clip. Meanwhile many large-format retailers are shrinking their individual store footprints, allowing them to locate in more densely populated areas and broaden their customer reach. Going into 2020, expect leasing activity to remain stable across the U.S. retail sector while completions of new retail centers and mixed-used developments will attract the highest demand.

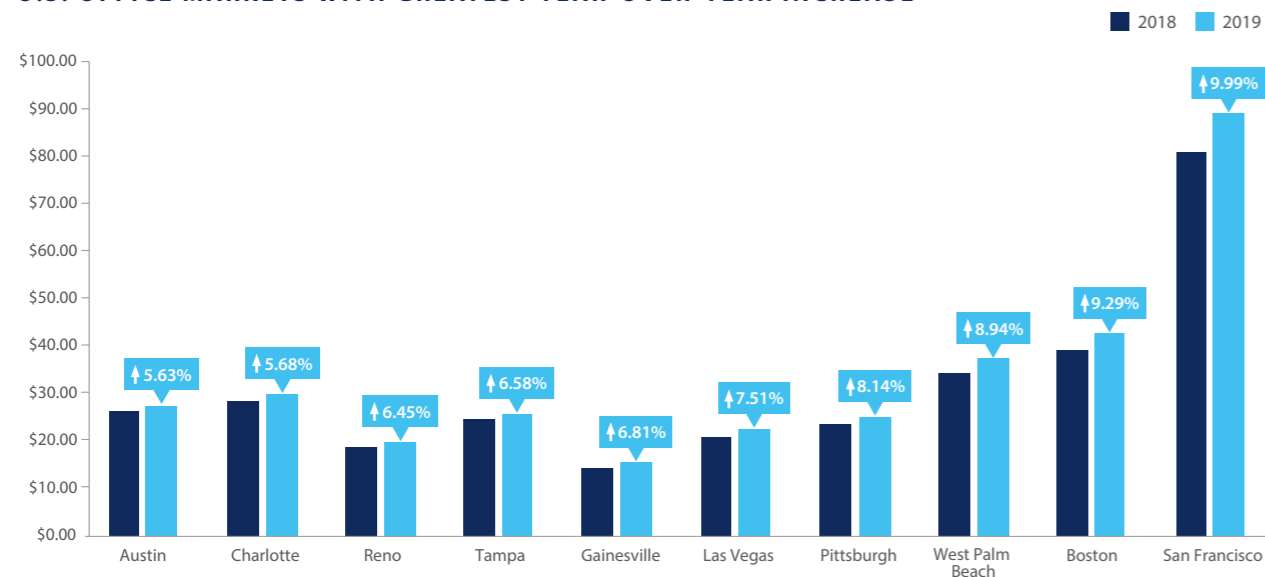
While economic indicators have softened in recent months, Avison Young does not expect a major economic downturn in 2020. Consumer spending, which accounts for 70% of U.S. economic activity, continues to buoy the U.S. economy. While ongoing uncertainty related to trade disputes and upcoming elections may slow tenant and investor activity in 2020, the U.S. commercial real estate market should hold its own, with conditions largely continuing to favor landlords. U.S. real estate is still perceived as a safe haven, and capital remains available to be placed as interest rates, and bond yields, are expected to remain low.

### U.S. MARKETS WITH GREATEST AMOUNT OF OFFICE SPACE UNDER CONSTRUCTION



Office asking rates in the U.S. continued to climb throughout 2019. Of the 47 U.S. markets tracked by Avison Young, 44 recorded an increase in average annual asking rates year over year. Markets commanding the highest premium rates above \$100 psf include New York, Palo Alto, Boston and San Francisco.

### AVERAGE ANNUAL OFFICE ASKING RATES: U.S. OFFICE MARKETS WITH GREATEST YEAR-OVER-YEAR INCREASE



2020

LOCAL OUTLOOK

2020

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DALLAS





### EXECUTIVE SUMMARY

- Dallas will continue to be one of the most active construction markets in the country, with more than 50 million sf (msf) of commercial product delivering in 2020, along with an additional 50 msf in expected construction starts scheduled to take place.
- Multi-Family will likely remain the investor darling as major population growth and limited single-family availability continue to push area residents towards renting, thus maintaining strong demand.
- Office will continue to see a flight-to-quality, where newer and renovated space witness the majority of absorption, putting more pressure on dated product to refresh or get left behind.
- Industrial will maintain the strong leasing velocity it has experienced for the last two years, keeping vacancy around 5% despite record-setting construction activity.

**Dallas fundamentals remain solid. While no longer performing at the breakneck pace of 2016 and 2017, the market as a whole is still witnessing near-record levels in regards to construction, absorption and sales. Underlying threats that will need to be addressed include flight-to-quality patterns that are putting large supplies of 1970s and 1980s product at risk of being obsolete if not renovated, along with notable cost-of-living increases that threaten to make corporate relocations less appealing. In the near term, however, Dallas is likely remain one of the strongest performing metros in the U.S.**

Dallas-Fort Worth (DFW) will continue to be a hotbed of activity in 2020. The metro has consistently been a top performer in key metrics such as construction, net absorption, sales volume, population growth and job growth. These performance indicators are set to maintain their positive trajectories, even in the face of slowing global growth and economic uncertainty. DFW has added roughly 100,000 jobs per year for the last several years. Also of note, DFW has added more than 1 million people since April 2010 when the area's economic recovery began post-Great Recession. This explosive growth, coupled with DFW's welcoming business climate and strong labor pool, will likely keep the metro positioned for another impressive performance in 2020.

Within the commercial property markets, Avison Young expects DFW to see moderate rent growth across all asset types, with industrial assets likely seeing the highest percentage of growth at roughly 4% year-over-year.

DFW's construction pipeline remains impressive, with more

### KEY MARKET METRICS – 2020 EXPECTATIONS

Annual growth rates, estimated for year-end 2020 vs year-end 2019.

	OFFICE	RETAIL	INDUSTRIAL
Rental Growth	↑	↑	↑↑
Vacant Space	↓	→	→
Construction Levels	→	↓	↑
Leasing Volume	↓	→	↑
Investment Volume	→	→	→

than 50 msf of commercial product set to deliver during 2020. The vast majority of these assets are “premium class” buildings, which will fuel an ongoing flight to quality as more tenants move to occupy newer, more high-end product. This trend poses a moderate threat across multiple fronts. Office absorption has significantly favored new and renovated product in recent years. This trend is putting pressure on older buildings, which DFW has in abundance, and could create a unique sort of bubble in which the market isn't overbuilt per se, but there could soon be a glut of older, non-stabilized properties.

Within the multi-family sector, luxury apartments are essentially the only class being built in the area, which is putting price pressures on all DFW apartments as the metro struggles to provide housing for a rapidly growing population. This has essentially created the beginnings of an affordability crisis in the metro, which has the potential to make corporate relocations less desirable if the area's cost of living becomes less competitive. A lack of affordable workforce housing will drive a large segment of

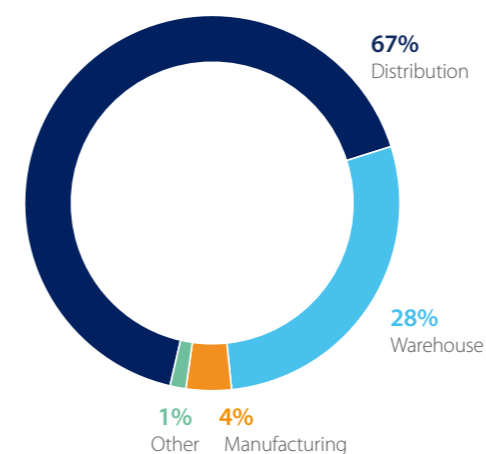
**DFW's construction pipeline remains impressive, with more than 50 msf of commercial product set to deliver during 2020. The vast majority of these assets are “premium class” buildings, which will fuel an ongoing flight to quality as more tenants move to occupy newer, more high-end product.**

DFW's population farther away from the metro's urban centers, a trend that could shift demographic profiles for recruiting in certain economic sectors, potentially impacting the ability of businesses to find talent, and in turn changing where they choose to locate.

On the sales side, Dallas will likely continue to be a premier investment market, with the liquidity and transaction volume of a gateway market, but with product at a significantly lower cost than can be found in major coastal cities. With recently reduced interest rates likely to remain low through 2020, investors will continue to be drawn to area real estate assets as they search for yield. If momentum continues as it has in recent years, DFW should see at least \$15 billion in commercial property sales in 2020.

Looking ahead at larger trends across the metro, certain broad patterns should emerge not just for 2020, but for the years to come, and will potentially shape new ways in which the DFW market performs. Tenants are increasingly demanding flexibility related to office space and leasing terms, as evidenced by the rapid rise of coworking concepts and shorter lease options. Expect this trend to continue, with more landlords seeking to integrate flexible options

### INDUSTRIAL UNDER CONSTRUCTION



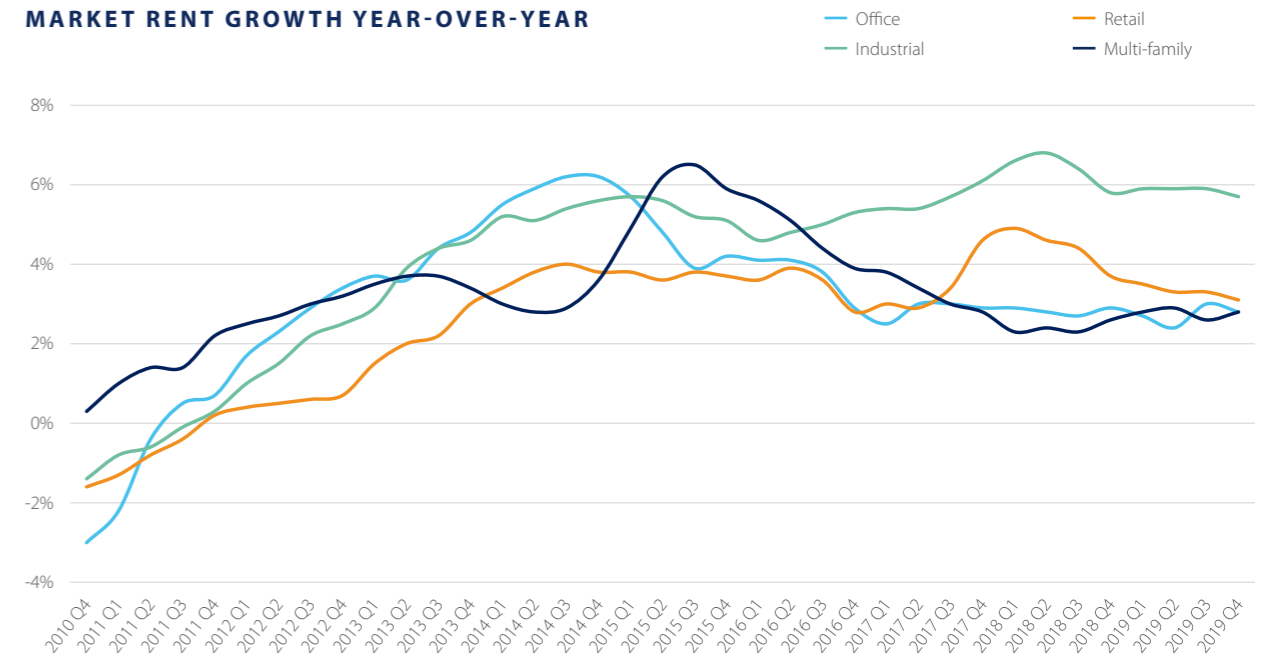
Source: CoStar Realty Information, Inc.



into their operations. Within coworking specifically, WeWork received the most headlines for 2019 for all the wrong reasons, but their challenges do not represent the industry as a whole. Coworking in DFW will likely continue to expand through varied providers, the vast majority of which are smaller, local operators. WeWork itself only accounts for 17% of DFW's 3.5-msf coworking inventory, with only 11 locations across the metro. If coworking provider expansion continues as it has across DFW, the metro could possibly overtake Boston and Chicago to become the 4th or 3rd largest coworking market in the U.S. Another trend to watch in 2020 and beyond is the growing demand from office employees to work from home. Companies are increasingly offering personnel the ability to work from home at least once per week, or to have more flexible office hours. Millennials and Gen Z employees are leading the charge in these requests, and with Dallas leading the nation in Millennial relocations, this workforce perk will likely become more common. This trend could sync with workplace strategy decisions for office leases as companies continue to look for ways to reduce their office footprint and overall occupancy expenses. If companies are willing to downsize their office space by moving more workers to rotating hoteling options, the result could be a noticeable decline in absorption as less space gets leased. Increased demand from tenants for amenities will also impact DFW office, multi-family and retail development

moving forward. Recent projects have shown that DFW craves walkable, mixed-use, experiential development with amenities that cater to convenience for the user. As suburbs become more hip through the creation of their own unique "big-city" experience clusters, such as the Legacy district in Plano or the Urban Center in Las Colinas, commercial assets in these areas will be positioned to perform well. If the energy and amenities match the experience one can get in Uptown and Downtown while being located in a more affordable business hub much closer to a user's home, many businesses will happily choose that space to avoid hour-long commutes and other inconveniences. As for basic amenities, the fight to gain a competitive advantage will likely move to technology, convenience and cost-savings. Things like smart locks, in-building messaging, green tech to reduce energy usage and costs, and storage are the sorts of things that developers will likely need to consider to make their properties stand out. For retail, DFW has the potential to be a strong case study in the reinvention of obsolete assets. Certain major malls across the metro have either undergone or are undergoing drastic renovations. In Plano, Collin Creek Mall is currently being demolished to become a \$1 billion mixed-use project. In South Dallas, Red Bird Mall has been revitalized through public-private partnerships and aims to become an economic force for the southern

### MARKET RENT GROWTH YEAR-OVER-YEAR



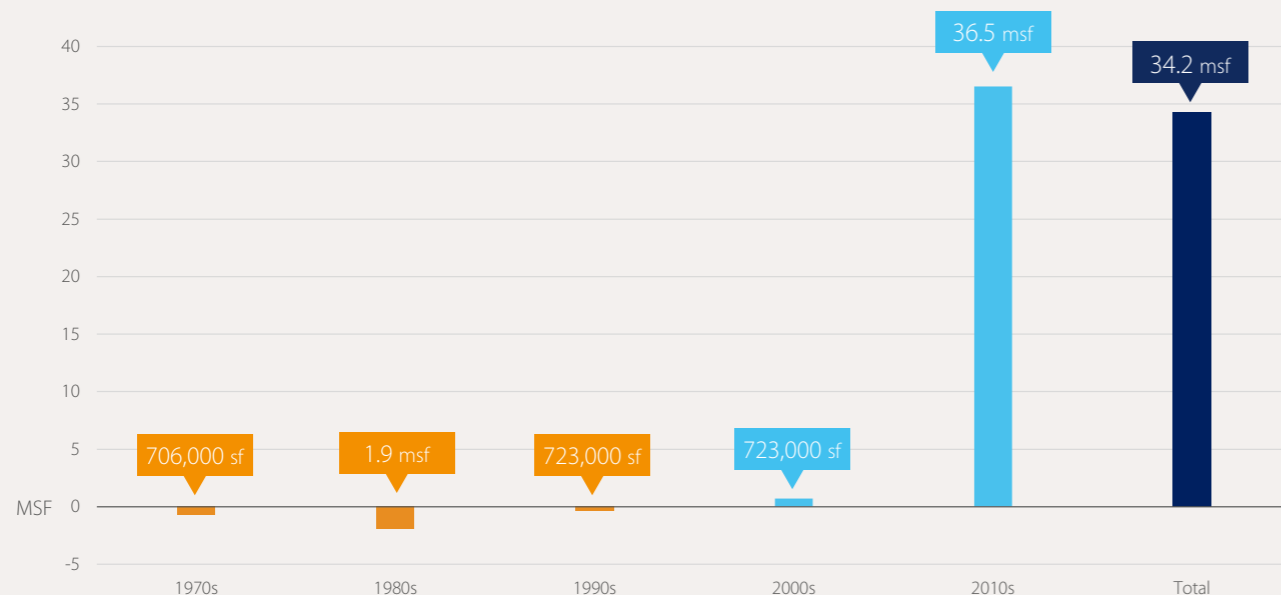
Source: CoStar Realty Information, Inc.

**Within the commercial property markets, Avison Young expects DFW to see moderate rent growth across all asset types, with industrial assets likely seeing the highest percentage of growth at roughly 4% year-over-year.**

sector like it was in the 1970s. In Dallas, the oft-maligned Valley View Mall has finally been torn down, and plans for the \$4 billion mixed-use development called Dallas Midtown are set to see momentum begin in 2020. As these projects take shape and excitement builds, properties around them will likely see a boost in activity and interest, which could shift absorption and construction trends from where they have been in recent years. Within the Industrial sector, DFW will continue to see distribution centers be the strongest performers across the market in terms of absorption and construction deliveries. Of the 33 msf of industrial space under construction, roughly two-thirds of that space is contained in distribution centers such as the massive 1.5-msf Home Depot and 1.2-msf Goodyear centers. Nearly all of the remaining industrial buildings currently under construction comprise warehouse space. Key submarket clusters such as Great Southwest/Arlington, North Fort

Worth and South Dallas will likely continue to be hotbeds of activity thanks to their prime locations around major thoroughfares and affordable talent pools. DFW's central location, intermodal operations, swaths of open, flat land, and major airport hubs will all continue to push the area to be one of the strongest inland ports in the country. In conclusion, DFW is positioned to see another strong year in 2020. While the metro's performance will likely cool slightly in tandem with national trends, the area should still see another year of potentially more than 80,000 new residents, and 100,000+ new jobs. These drivers will buoy performance across all asset classes, even as newer product comes online and economic uncertainty continues as a result of the election cycle and volatility in the global financial markets.

### ABSORPTION BY THE DECADES



Source: CoStar Realty Information, Inc.

For further information about any aspect of Avison Young research, please contact:

**Nick Axford**

**Global Head of Research**

+44 (0) 20 7911 2939

[nick.axford@avisonyoung.com](mailto:nick.axford@avisonyoung.com)

Contact details for all our research professionals can be found at [avisonyoung.com/research-contacts](https://avisonyoung.com/research-contacts)

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