CORPORATE RESPONSIBILITY REPORT

MACERICH®

AWARDS & ACCOLADES

Named #2 Most Sustainable REIT 2019

"Leader in the Light" 2014-2018

"A" LIST 2015, 2016, 2018, 2019

#1 Ranking in North American Retail Sector 2015-2019

Top 30 On-Site Generation Companies 2014-2019

BREEAM USA CERTIFIED PROPERTIES

- Danbury Fair
- Deptford Mall
- FlatIron Crossing
- Green Acres Mall
- Kierland Commons
- Kings Plaza
- Queens Center
- Scottsdale Fashion Square
- Twenty Ninth Street
- Tysons Corner Center
- The Oaks

LEED® CERTIFIED DESIGNATIONS

- **LEED Gold**
  Broadway Plaza
- **LEED Gold**
  Santa Monica Place
- **LEED Gold**
  Tysons Corner Center
  Tysons Tower
- **LEED Silver**
  Tysons Corner Center
  VITA

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ABOUT THIS REPORT

The Corporate Responsibility Report, reviewed by the CEO and Board of Directors, represents the environmental, social and governance performance of The Macerich Company's operations for the fiscal year ending December 31, 2019. Unless otherwise stated, all financial information presented in the report is in U.S. dollars. The company continues to identify and prioritize sustainability issues, and to develop necessary systems and targets to gauge performance and consistently gather data across our operations. This annual report discusses our company's environment, social and governance activities as well as our climate-related risks and opportunities. These discussions are aligned with the reporting frameworks from the Global Reporting Initiative (GRI), Task Force on Climate-Related Financial Disclosures (TCFD), and Sustainability Accounting Standards Board (SASB). A GRI index is included at the end of this report. For additional sustainability and business information, please refer to our CDP disclosure, Annual Report, Form 10-K and Proxy Statement.

FROM OUR CEO

The year 2020 is unfolding as no one could have expected - putting an even greater emphasis on the subject of corporate responsibility. People across the globe are responding to the persistent pandemic and its economic consequences, and here in the U.S. we also are grappling with significant social and racial justice issues.

All of this is shaping every part of our country, including how we conduct business and how we contribute to important changes in society.

Macerich is a thoughtful and capable organization that, in the fast-changing retail real estate industry, is always ready to adapt, move forward and meet the moment. At the core of our mission is a strong commitment to operating in ways that also forward environmental goals, social good and sound corporate governance.

Our track record through the end of 2019 is the subject of this report, which includes a comprehensive review of the Environmental, Social and Governance (ESG) impacts that are integral to our company's purpose and long-term performance. Over the last year Macerich made a number of strides toward key goals.

We have assembled stories and statistics that convey the scope of our dedication to environmental sustainability, to quality of life for our employees and local communities, and to ensuring open and transparent corporate governance.

I'm proud of our past achievements, but even more gratified by the ongoing holistic approach to our real estate business that also places a high value on people and the planet. Our strengths, including flexibility, optimism, open-mindedness, and a willingness to take a hard look at the hard things, help prepare us for the challenges and opportunities in our changing world.
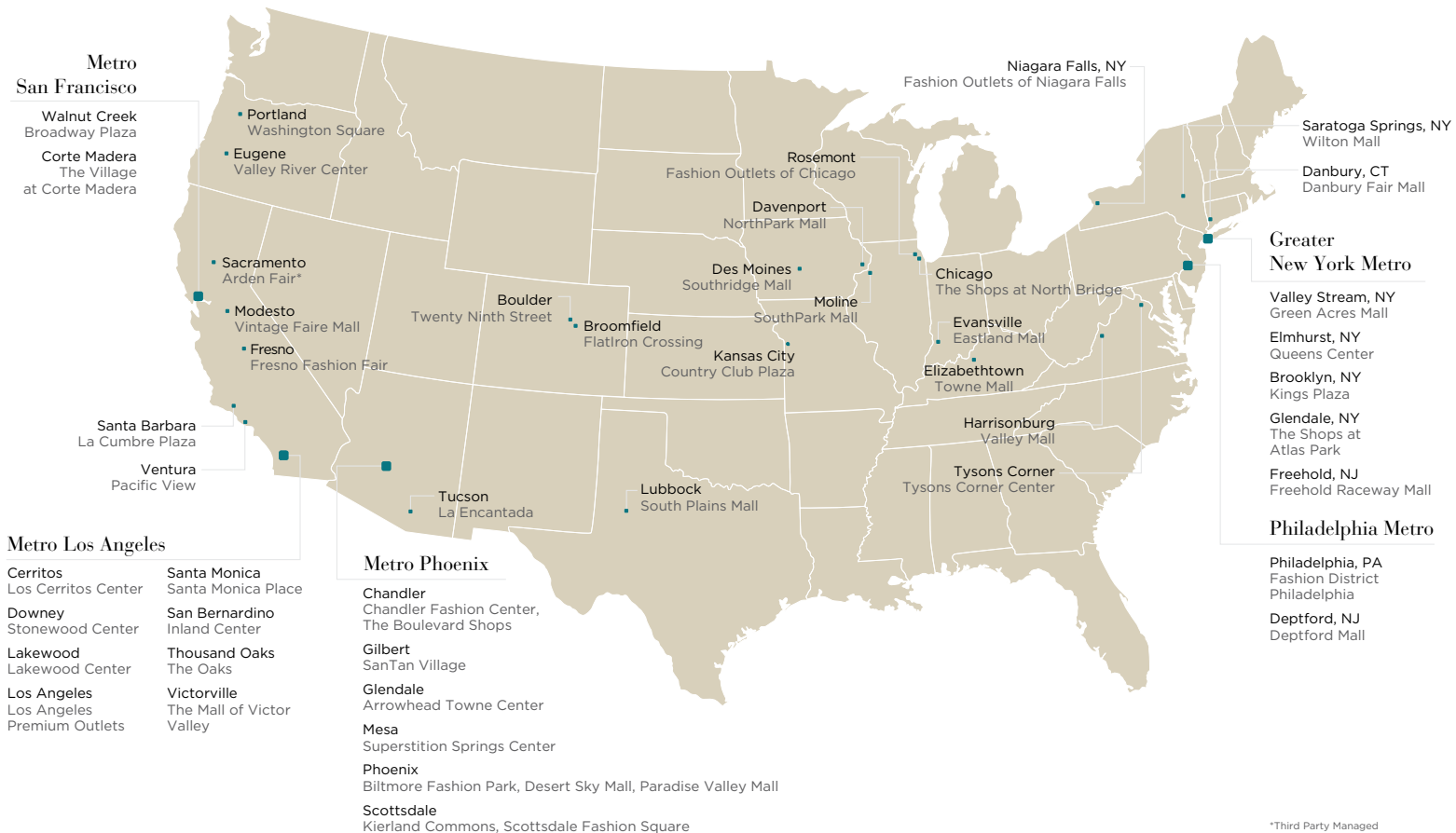
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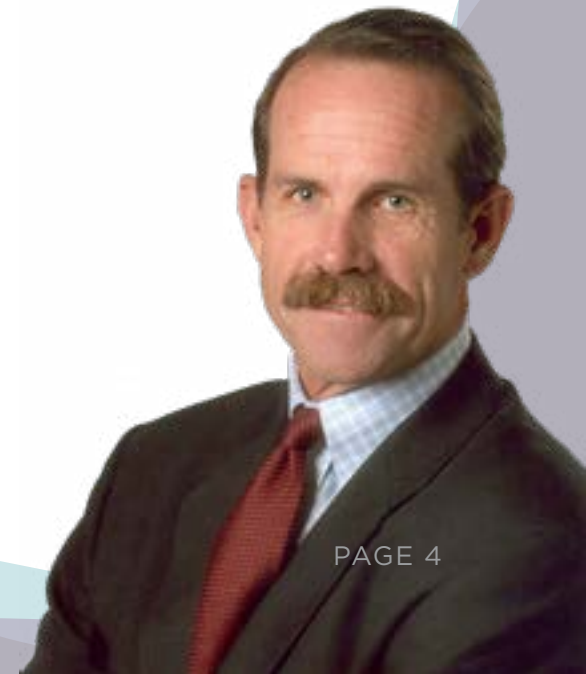
CORPORATE OVERVIEW

Macerich is a leading owner, operator and developer of high-quality retail and mixed-use real estate in the United States. Based in Santa Monica, we guide a carefully curated portfolio of 52 properties in many of the most desirable markets in the country.

Located in attractive urban and suburban markets from New York to California, Macerich properties are dynamic town centers with spacious common areas that bring together the very best retail, dining, ticketed attractions, art experiences, high-end fitness, plus hotels, offices and residences.

Metro San Francisco

Walnut Creek
Broadway Plaza

Corte Madera
The Village at Corte Madera

Portland
Washington Square

Eugene
Valley River Center

Sacramento
Arden Fair*

Modesto
Vintage Faire Mall

Fresno
Fresno Fashion Fair

Santa Barbara
La Cumbre Plaza

Ventura
Pacific View

Rosemont
Fashion Outlets of Chicago

Davenport
NorthPark Mall

Des Moines
Southridge Mall

Boulder
Twenty Ninth Street

Broomfield
FlatIron Crossing

Kansas City
Country Club Plaza

Moline
SouthPark Mall

Chicago
The Shops at North Bridge

Evansville
Eastland Mall

Elizabethtown
Towne Mall

Harrisonburg
Valley Mall

Tysons Corner
Tysons Corner Center

Lubbock
South Plains Mall

Niagara Falls, NY
Fashion Outlets of Niagara Falls

Saratoga Springs, NY
Wilton Mall

Danbury, CT
Danbury Fair Mall

Greater New York Metro

Valley Stream, NY
Green Acres Mall

Elmhurst, NY
Queens Center

Brooklyn, NY
Kings Plaza

Glendale, NY
The Shops at Atlas Park

Freehold, NJ
Freehold Raceway Mall

Philadelphia Metro

Philadelphia, PA
Fashion District Philadelphia

Deptford, NJ
Deptford Mall

Metro Los Angeles

Cerritos
Los Cerritos Center

Downey
Stonewood Center

Lakewood
Lakewood Center

Los Angeles
Los Angeles Premium Outlets

Santa Monica
Santa Monica Place

San Bernardino
Inland Center

Thousand Oaks
The Oaks

Victorville
The Mall of Victor Valley

Metro Phoenix

Chandler
Chandler Fashion Center, The Boulevard Shops

Gilbert
SanTan Village

Glendale
Arrowhead Towne Center

Mesa
Superstition Springs Center

Phoenix
Biltmore Fashion Park, Desert Sky Mall, Paradise Valley Mall

Scottsdale
Kierland Commons, Scottsdale Fashion Square

Tucson
La Encantada

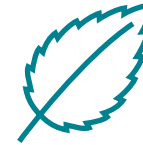*Third Party Managed

HIGHLIGHTS

16,443,289
kWh of Solar
Energy Produced

267
EV Charging Stations
Across 31 Properties

47.8M
kWh Clean Energy
Produced Annually

356M
Gallons of Water
Conserved Since 2014

19
Fuel Cells Across
6 Properties

$35.4M
Annual Operational Savings
from Energy Efficiencies

27+ MW
Clean Energy Portfolio

47%
Waste Diversion
Rate from Landfill

78M
Gallons of Water Reduced
Year Over Year in 2019

39M+
Equivalent kWhs Reduced
Year Over Year in 2019

CORE 30

Property	LED	Building Management System	Fuel Cell	Solar	Energy Storage	EV Charging	Water - Fixtures	Smart Irrigation	Cardboard Recycling	Green Building Certification
Arrowhead Towne Center , AZ	■	■				■	■	■	■	
Biltmore Fashion Park, AZ	■	■				■	■	■	■	
Broadway Plaza, CA	■	■		■		□	■	■	■	■
Chandler Fashion Center, AZ	■	■				■	■	■	■	
Corte Madera, The Village at, CA	■	■							■	
Country Club Plaza, MO	■						■		■	
Danbury Fair, CT	■	■	■	■		■	■		■	■
Deptford Mall, NJ	■	■	■	■			■		■	■
Fashion Outlets of Chicago, IL	■	■				■	■		■	
FlatIron Crossing, CO	■	■		■		■	■	■	■	■
Freehold Raceway Mall, NJ	■	■	■	■			■		■	
Fresno Fashion Fair, CA	■	■		■		■	■	■	■	
Green Acres Mall & Commons, NY	■	■	■			■			■	■
Inland Center, CA	■	■		■	■	■	■	■	■	
Kierland Commons, AZ	■	■				■	■	■	■	■
Kings Plaza, NY	■	□					■		■	■
La Encantada, AZ	■	■					■		■	
Los Cerritos Center, CA	■	■	■	■	■	■	■	■	■	
North Bridge, The Shops at, IL	■					■	■		■	
Oaks, The, CA	■	■		■		■	■	■		■
Queens Center, NY	■	■	■	□		■	■		■	■
Santa Monica Place, CA	■	■		■	■	■	■		■	■
SanTan Village, AZ	■			■		■	■	■	■	
Scottsdale Fashion Square, AZ	■	■				■	■	■	■	■
Stonewood Center, CA	■	■			■	■			■	
Twenty Ninth Street, CO	■	■		■		■	■	■	■	■
Tysons Corner Center, VA	■	■				□	■		■	■
Victor Valley, The Mall of, CA	■	■				■	■		■	
Vintage Faire, CA	■	■				■	■	■	■	
Washington Square & Too, OR	■	■				■	■	■	■	

□ Under Construction

E

ENVIRONMENTAL
SOCIAL
GOVERNANCE

Sustainable art installation at Scottsdale Fashion Square, AZ

COMMITTED TO THE ENVIRONMENT

Macerich is the U.S. retail real estate industry's leader in environmental sustainability. Our ongoing commitment to the environment is present in everything we do – from green building and portfolio operations that incorporate smart energy use and resource conservation to continued investments in on-site renewable power.

Our passion for sustainability is part of our identity.

It is as much a facet of who we are as our beautiful properties that are dominant platforms for retailers and brands across the country.

With environmental gains fueling our work, Macerich is committed to building on our sustainability achievements, pushing our efforts closer and closer to our goals of zero emissions and zero waste.

Later in this report, we discuss TCFD and many of the climate change risks and opportunities that have driven our long-term sustainability and ESG strategy.

OUR OBJECTIVES

Across our operations and communities, we continue to focus our environmental efforts on four objectives.

Corporate Responsibility: Encourage and implement tools and programs that contribute to an environmentally focused, efficient and effective organization.

Operations and Asset Management: Provide a healthy, clean and efficient environment for employees, retailers and shoppers.

Sustainable Development: Add value through sustainable building practices that are socially, environmentally and economically responsible.

Community Connection: Provide leadership and promote sustainability with our partners, retailers, guests and vendors and in our communities.

Our commitment to sustainability includes the environmentally prudent management of our facilities and operations; collaboration with tenants, vendors and suppliers to improve our indirect environmental impacts; environmental programs and education for employees; and green investments and socially responsible real estate. We have and will continue to implement processes and capital projects to minimize the risks of the changing global climate. We see an opportunity to drive Net Operating Income and/or greater shareholder returns by aligning our portfolio, property development, innovation initiatives and stakeholders to drive industry-leading programs and solutions.

In 2017, we established four major areas of emphasis in our fully integrated sustainability program, which we continue to focus on today: **Carbon Neutrality, Zero Waste, Active Engagement, and Practice Principles.**

STRUCTURED FOR ENVIRONMENTAL RESPONSIBILITY

Macerich has a clear internal structure that supports the effectiveness and accountability of our company's comprehensive environmental efforts.

The Vice President, Sustainability, leads the department, and is directly responsible for the day-to-day management and implementation of our sustainability plan, policies and programs, with the support of cross-departmental teams and individuals positioned to effectively implement activities and drive results.

The Vice President reports to the Executive Vice President, Portfolio Operations and People, who conducts regular reviews of operational results with company leadership.

On a quarterly basis, the CEO receives updated reports to measure progress in key areas against sustainability goals. Results also are reported to the Board of Directors on a quarterly basis, and the Board approves activities and/or makes directional recommendations based on these reports.

This report addresses Macerich's commitment to Environmental, Social and Governance-related structure and actions.

Washington Square, OR

CARBON NEUTRALITY

Macerich is committed to achieving carbon neutrality by 2030 through energy efficiency, sustainable investment, renewable and clean generation sources and renewable energy credits, while setting science-based greenhouse gas (GHG) reduction goals. These goals include reducing energy consumption and increasing on-site renewable energy. Since launching our formal sustainability program in 2008, Macerich has reduced its energy utilization and carbon footprint every year for 11 years. From 2018 to 2019, Macerich reduced more than 39 million kWh, which is equivalent to the CO_2 emissions created by 4,669 homes over the course of a year.

ENERGY CONSUMPTION AND GREENHOUSE GAS EMISSIONS

Energy use (kWh)	2016	2017	2018	2019
Electricity	449,757,184	412,584,829	393,100,460	386,821,944
Natural Gas	131,322,834	138,098,196	193,138,142	166,858,056
Total	**581,080,018**	**550,683,025**	**586,238,603**	**553,680,000**
Performance				
Carbon Footprint (metric tons CO_2e)	207,475	196,621	209,316*	197,691*

*Initial impact based on non-certified utility data only. For the 2019 report, we restated our energy use and performance for 2016-19 to represent like-for-like reporting in line with our other public disclosures including GRESB and CDP.

RENEWABLE ENERGY

In 2019 alone, Macerich properties generated enough solar-powered energy to offset the greenhouse gas emissions created by a road trip from New York to Los Angeles and back more than 5,000 times.

Renewable Energy Investment	2019
Total amount invested in renewable energy in 2019	$7.25 million
Total amount invested in renewable energy to date	$73.85 million

Solar	
Total energy produced on-site (kWh)	16,443,289
Total on-site capacity (MW)	12.5
Resulting GHG reductions (metric tons CO_2e)	11,626

Fuel Cell	
Total energy produced on-site (kWh)	30,897,501
Total on-site capacity (MW)	4.25
Resulting GHG reductions (metric tons CO_2e)	21,846

Energy Storage System	
System Total energy discharge on-site (kW)	1,961
Total on-site capacity (MW)	1.22

SOLAR

At the end of 2019, Macerich operated 13 on-site solar projects producing more than 16 million kWh of energy. These solar installations reduce our carbon footprint by more than 11,000 metric tons of CO_2e every year.

SOLAR ENERGY PRODUCTION IN 2019

Property	Operational Date	Number of Panels	2019 kWh Production	2019 GHG Reduction* (metric tons CO_2e)
Santa Monica Place (CA)	Aug-2011	440	144,268	102
Inland Center (CA)	Dec-2013	4,676	1,550,321	1,096
Twenty Ninth Street (CO)	Jan-2014	3,065	779,202	551
FlatIron Crossing (CO)	Feb-2014	5,008	1,365,387	965
Fresno Fashion Fair (CA)	Apr-2014	3,976	1,316,399	931
SanTan Village (AZ)	Apr-2014	3,117	1,227,109	868
Los Cerritos Center (CA)	Jul-2014	3,593	1,123,559	794
The Oaks (CA)	Dec-2014	5,900	2,253,137	1,593
Lakewood Center (CA)	Apr-2016	2,130	704,444	498
Danbury Fair (CT)	May-2017	7,295**	1,363,331	2,095
Freehold Raceway Mall (NJ)	Oct-2017	4,104	2,048,876	1,449
Broadway Plaza (CA)	Dec-2017	5,160	1,422,598	1,006
Deptford Mall (NJ)	Aug-2018	2,376	1,144,656	809
Total		**47,706**	**16,443,289**	**11,626**

*Calculations derived from EPA Equivalencies Calculator

**Increased system size in October 2019

FUEL CELLS

Six properties with fuel cell energy capability have total on-site generation capacity of 4.25 MW. In 2019, the systems produced nearly 31 million kWh and reduced GHG emissions by 21,846 metric tons of CO_2e. This is equivalent to keeping 4,720 cars off the road for one year.

FUEL CELL ENERGY PRODUCTION

Property	Operational Date	System Size (kW Capacity)	2019 kWh Production	2019 GHG Reduction* (metric tons CO_2e)
Danbury Fair (CT)	Jun-2014	750	4,944,340	3,496
Deptford Mall (NJ)	Dec-2016	750	5,820,383	4,115
Queens Center (NY)	May-2017	1200	8,554,817	6,049
Freehold Raceway Mall (NJ)	May-2017	800	5,758,974	4,072
Los Cerritos Center (CA)	May-2017	250	1,814,959	1,283
Green Acres Mall (NY)	Nov-2017	500	4,004,029	2,831
Total		**4,250**	**30,897,502**	**21,846**

ENERGY EFFICIENCY PROJECTS

Macerich is continuing to build on its best-in-class central energy management system launched in 2018, EMS 2.0. This leading software system combines the IoT data already being collected, adds additional logic and analytics, and produces actionable intelligence for our centers' operations teams and central managers. In 2019, Macerich completed the EMS 2.0 project at 16 centers with an estimated savings of over $500,000 in total, with plans to complete an expansion of system capabilities and further real-time monitoring capabilities in 2020.

ENERGY EFFICIENCY PROJECTS

	Savings Generated (kWh)	GHG Emissions Mitigated (metric tons CO_2e)
LED lighting replacements	1,147,261	811
HVAC upgrades	2,241,172	1,585
Building and Energy Management Systems	2,076,891	1,468
Central Plant upgrades	857,870	607

ADDED ENERGY EFFICIENCY STRATEGIES

Demand Response - Macerich partners with select utility companies to limit demand during periods of high energy use to support community needs. When notified by local utilities, six Macerich properties can free up over 2.5 MW of demand on the grid by reducing our energy consumption for short, planned periods of time.

Renewable Energy Credits - Renewable Energy Credits (RECs) allow us to counter-balance the environmental impact of our energy use and help advance the market for clean renewable energy alternatives. In 2019, we purchased 75 million kWh of wind RECs.

Energy Storage – Another way Macerich reduces energy purchased from traditional sources is advanced battery storage at five centers in California. This energy storage program forwards our commitment to using less energy by employing emergent technologies.

ENERGY STORAGE PRODUCTION

Property	Operational Date	System Size (kW Capacity)	2019 Demand Avoided (kW)	2019 System Discharge Events
Santa Monica Place (CA)	Dec-2017	180	795	6402
Stonewood Center (CA)	Dec-2017	54	222	1070
Lakewood Center (CA)	Dec-2017	200	250	671
Los Cerritos Center (CA)	Feb-2018	450	623	1555
Inland Center (CA)	Future Site			
Total		**884**	**1890**	**9698**

CASE STUDY:
A COMMUNITY PARTNERSHIP GROWS IN BROOKLYN

When heat waves made headlines in summer 2019, Macerich's Kings Plaza in Brooklyn was there to help. The borough's only enclosed mall owns and operates its own, on-site sustainable power plant – a 12.8 megawatt combined heat and power system. This highly reliable, stand-alone plant supplies 100% of the electrical requirements for the 1.2 million square-foot shopping center, as well as for the nearby marina.

The independent power system became connected last year to Con Edison's regional grid, so when demand for power reached heat-driven peaks this past summer, Kings Plaza was able to assist. The property provided more than six megawatts of power to Brooklyn to help keep the lights on and the air conditioning blowing for many of the borough's residents and businesses.

"Every one of Macerich's high-quality properties is an involved community partner, but at Kings Plaza, we're able to support New York City in a very unusual way – with a connection to the grid that lets us add our own power when needed," said Joe Venne, Vice President, Operations, Macerich. "It's great to be able to support the city with added power when disruptive weather events, such as heat waves and storms, mean extra power can make a real difference."

Last fall, Kings Plaza celebrated the new partnership with Con Edison with a ribbon-cutting and the reassuring knowledge that this local source of electricity will be there when Brooklyn needs it.

STRIVING FOR ZERO WASTE

WATER

Robust programs in waste and water management support Macerich's goal of achieving zero waste by 2025-2030.

For one of the world's most precious resources, Macerich is targeting reduction of net water consumption by 50% from 2015 levels and eliminating 100% of property water effluent by 2030. Eliminating water waste includes conservation and efficiency, water capture and reuse, stormwater management, and encouraging tenants to use water wisely.

At the same time, Macerich is working to increase waste diversion rates to over 70% by 2025 and reduce overall waste by 50% from 2015 levels.

WEATHERTRAK

By the end of 2019, 50% of our properties were utilizing smart irrigation systems, including Weathertrak, which provides real-time visibility and control. To date, smart irrigation systems have saved 148 million gallons of water, with an average annual savings of 45 million gallons per year.

WATER SUMMARY

	2016	2017	2018	2019
Volume of water used (million gallons)	970	943	942	864
Building water intensity ratio (million gallons per square foot)	30.42	29.57	29.54	27.36
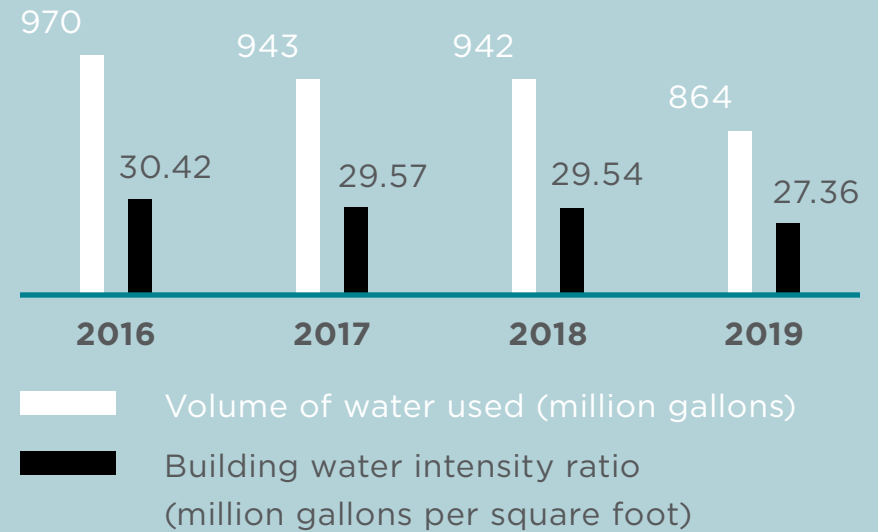
WATERCOMPASS

Enabling local teams to detect and address water leaks quickly, WaterCompass measures water use in real time. Across our portfolio, this tool saves millions of gallons of water every year.

WATER-SAVING FIXTURES

Updated equipment, including low-flow fixtures, aerators and automatic shut-offs, continue to reduce water use at Macerich properties and facilities.

WATER-WISE LANDSCAPING

From replacing water-intensive grass common areas at key properties with high-performance turf to integrating native plants and low irrigation landscaping, water-wise design helps Macerich minimize water consumption.

REDUCE

Across our portfolio, we have an increased appetite for waste reduction. From biodigesters for managing food waste to recycling efforts that help retailers process shipping materials, a range of waste diversion programs is producing important results.

REUSE

Macerich is expanding Waste-To-Energy efforts by redirecting more than 12,000 tons of waste in 2019 away from landfills to be processed into energy instead – an increase of more than 12% over the previous year. Overall, our landfill diversion rate grew to 47%.

RECYCLE

Recycling stands as an established environmental practice at our properties, where we also offer a breadth of recycling solutions for tenants and the community – from specialized glass recycling programs for restaurants to regularly held e-waste events, where consumers bring unwanted electronics for safe disposal.

CAREFUL OPERATIONS PRESERVE RESOURCES

In 2019, Macerich did not have any unplanned water discharges. Most of our runoff is a result of weather and is connected to municipal storm drains. However, certain properties have retention ponds that retain some of the runoff during high peaks and discharge back to the municipal system at a slower rate. None of these features have volume measurement devices. We are not aware of any direct discharge to an open body of water. As well, no significant spills of oil, fuel, waste or chemicals were reported in 2019.

In keeping with our environmental ethos, all generated suspect waste related to environmental projects is profiled and disposed of accordingly. While no hazardous waste was generated or transported, certain friable asbestos waste was generated and disposed of appropriately under EPA rules using the agency's hazardous waste manifest system. It is estimated that we have generated less than five tons of this material in 2019.

WASTE SUMMARY

	2016	2017	2018	2019
Waste Recycled (Tons)				
	17,969	17,930	14,945	15,723
Waste Landfilled (Tons)				
	39,596	40,318	32,120	30,812
Waste to Energy (Tons)				
	Not reported	Not reported	10,729	12,064
Total Waste (Tons)				
	57,565	58,249	57,794	58,599
Landfill Diversion Rate				
	31%	31%	44%*	47%

*First year reporting Waste to Energy

INCREASING ACTIVE ENGAGEMENT

We're committed to working with retailers, shoppers, vendors and other stakeholders to forward our positive environmental efforts and support quality of life in our communities. Our goal is to achieve more than 70% documented engagement by stakeholders and members of our communities by 2025.

This effort reaches from sharing our sustainability goals and practices with the communities where we do business to working in concert with retailers, restaurants and other tenants to be a resource and help them realize their own sustainability goals. For Macerich, this work also means supporting the broader well-being of our communities.

COMMUNITY EVENTS & ACTIVATIONS

Macerich properties host hundreds of community-centric events throughout the year that further our sustainability objectives, including:

- Collection drives of clothing, books

- Electric vehicle test drives

- Recycle the Runway environmentally forward fashion events

- E-waste collection events

- Random Acts of Kindness/reusable shopping bag giveaways

Each April, on-property "Earth Day" commemorations help build understanding and involvement for environmental goals, with call-to-action Pledge Walls, community clean-ups and other educational programming.

In 2019, we shifted our Kids Club curriculum to be based 100% on sustainability education. These engaging activities promote healthy living and green habits for the youngest of our customers, and show their families and caregivers the overarching environmental values of our organization.

Importantly, our properties respond when communities need our help, with blood donation events, school supply drives, fundraising for fire relief and other aid-related programs.

ENGAGING SHOPPERS IN OUR ENVIRONMENTAL INITIATIVES

We share our environmental initiatives with shoppers both at our properties and through a wide variety of platforms.

- Macerich's eye-catching on-mall collateral is available for every center to customize and promote their property's sustainability events and initiatives to shoppers.

- Our sophisticated Digital Signage Network – a truly sustainable platform that largely replaces landfill-bound paper and plastic signage portfolio-wide – showcases property and retailer events and programs.

- New barricades are translated into Instagrammable moments, with sustainability messaging about being Earth conscious and more. Often, these act as refreshing "green walls" with living plants.

- We make extensive use of social media, utilizing Facebook, Instagram, Kipsu Text Concierge and individual property websites to communicate with shoppers and relay timely operational and event information.

TENANT ENGAGEMENT IN SUSTAINABILITY

We communicate significantly with our tenants to engage them in our sustainability efforts and encourage and support their initiatives.

- Our custom-created store design and operations guidebooks for tenants include information on recycling, water and energy control systems, plus operational guidelines for energy efficiency and resource management.

- Macerich has conducted Retailer Sustainability Summits, specifically focused on how landlords and retailers can better work together within the shopping center setting to heighten environmental efforts and results.

- Macerich makes a concerted effort to highlight retailers with green initiatives on individual property websites and is developing a new campaign of window clings for each store to further highlight their success.

- We distribute regular tenant communications on recycling, waste reduction and more.

- Every year we conduct tenant sustainability surveys to gauge our tenants' understanding of our sustainability efforts and uncover new ways we can engage tenants in these activities.

PRACTICE PRINCIPLES

Macerich is pursuing a target of integrating sustainability practice principles in 80% of corporate and property operations and functions by 2025. Our company works to embed environmental thinking and practices into everything we do. This includes daily decisions across our operations, as well as green building, our disciplined procurement process, selecting vendors and contractors, and certainly choosing causes and organizations for our support.

GREEN TRANSPORTATION

By the end of 2019, our portfolio featured 267 electric vehicle (EV) charging stations at 31 properties – up from 219 charging stations in 2018. Macerich's well-positioned portfolio in core markets has drawn new charging stations from major companies including Tesla, Electrify America and EVGo that look for locations in high-traffic, high-visibility areas.

Whether by bicycle, light rail, bus, ridesharing and even walking, Macerich properties in densely populated, urban and suburban U.S. markets are easy to reach using sustainable transportation options. We encourage employees, customers and visitors coming to our properties to use mass transit, carpooling and low-emission alternatives such as electric vehicles when possible to reduce the traffic impact of our shopping destinations.

For Macerich employees, our corporate offices offer commuting subsidies and cash incentives that encourage our teams to use alternative modes of transportation.

GETTING THERE GREEN FROM COAST TO COAST

Two Macerich properties – one on each coast – demonstrate what happens when well-situated real estate meets growing preferences for sustainable transportation. At Tysons Corner Center, just outside Washington, D.C., the Silver Line brings shoppers, employees and commuters right to our front door. The Expo Line that connects downtown LA with destinations on the Westside, including Santa Monica Place, is now an easy answer to going "car-less" in the car capital of the country.

ELECTRIC VEHICLE CHARGING SUMMARY

DC Fast Changing (DCFC) stations

Level 2 charging stations

Properties with chargers
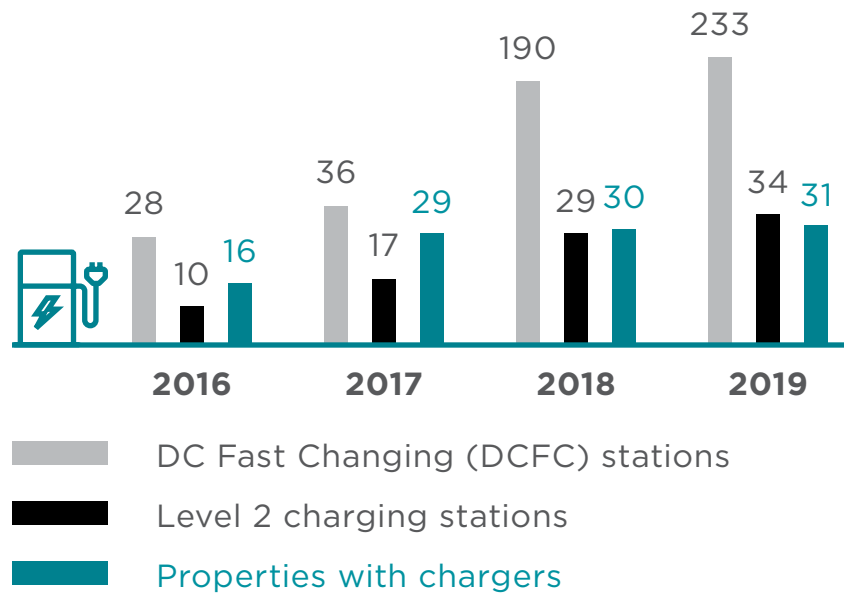
SUPPLY CHAIN

From using environmentally friendly cleaning products at our properties to hiring contractors that have strong environmental credentials, sustainability is integrated into multiple facets of our supply chain including procurement.

Macerich's procurement and sustainability teams work closely to identify ways to reduce the environmental impact of our purchases. We strive to find the best alternatives – non-toxic, made from recycled materials, recyclable – for necessary purchases. We have made these commitments in our corporate offices and shopping centers with janitorial paper made of recycled content, tree-free printer paper, biodegradable cleaning products and recyclable printer toner. We have mandated that all Macerich paper towels meet Green Seal™ Standard GS-1, which verifies that a paper product is made using chlorine-free processing and derived from 100% recovered material including at least 50% post-consumer content.

At present, more than 50% of all office supplies purchased by Macerich were made from post-consumer recycled content.

CONTRACTOR ENVIRONMENTAL ASSESSMENT

Macerich works with a variety of third-party contractors, including construction companies that help develop new properties, plus facility security and cleaning personnel. All contractors must go through a rigorous pre-qualification program and

all Macerich contracts require vendors to meet or exceed our high standards for environmental certification and credentials. We monitor vendor progress on a monthly basis and evaluate contracts quarterly. We also provide trainings to contractors to ensure they understand and comply with all Macerich environmental standards.

SUPPORTING BIODIVERSITY

At Macerich, we're sensitive to the natural world surrounding our properties and we take care to support biodiversity and minimize disruptions. Here are some examples:

• We utilize specially trained hawks at our outdoor centers to reduce the health and property-damage impacts of pigeon overpopulations.

• We include pollinator-friendly plants in our exterior landscaping, appropriate to each climate, to help support robust populations of bees, butterflies, birds and other pollinators.

• We take careful steps to avoid interfering with the natural migration patterns of our surrounding wildlife.

ENVIRONMENTAL GRIEVANCES

Our track record regarding environmental grievances is strong.

- None of our sites is located in, or adjacent to, protected areas and/or areas of high biodiversity value outside protected areas.

- There have been no significant impacts on biodiversity relating to construction, pollution, introduction or reduction of species, habitat conversion or changes in ecological processes outside natural variation.

- No habitats have been protected or restored.

- No IUCN Red List species or national conservation list species have been affected by the operations of the organization.

- There were no fines or citations related to environmental conditions. In Deptford, NJ, the state's Department of Environmental Protection (DEP) issued a citation for a construction dumpster rental program. The matter was settled by cancelling the program and accepting a fine of $10,000, while refuting the NJ DEP suggestion that we operated as an unlicensed hauler. None of the construction waste was considered contaminated or related to environmental work.

CASE STUDY:
ENVIRONMENTAL BENEFITS FLOW FROM REDEVELOPMENT

At Macerich's Broadway Plaza, the redevelopment of this all-outdoor, market-dominant jewel of a property in Northern California's East Bay not only delivered nearly double the shop space in the same downtown footprint, but it also helped preserve a key part of San Ramon Creek.

This creek, which runs beneath the property, created a challenge for the redevelopment because the creek and its culvert were under the protective aegis of the U.S. Army Corps of Engineers and the Contra Costa County Flood Control and Water Conservation District.

It took an act of Congress, literally, to move control of this portion of San Ramon Creek to the City of Walnut Creek to open the way for Macerich's redevelopment plans. In turn, Macerich conducted a careful repair and rebuilding of the underground culvert. This important work included cleaning and restoring the exposed creek running to the east of the property, adding new trees and creating an educational creek walk for the community.

SPEAKING TO SUSTAINABILITY

Communicating with stakeholders about Macerich's industry-leading sustainability programs is an important aspect of our approach to integrating sustainability principles into general practice. Examples include:

- Conducting seven speaking events by Sustainability leadership in 2019, reaching approximately 250 professionals.

- Earning news coverage for our sustainability efforts in retail trade publications.

- Reiterating our sustainability initiatives through "Macerich Happenings," our corporate magazine for retailers and other stakeholders, which regularly features articles on our sustainability activities.

- Issuing news releases via PRNewswire, covering major sustainability awards and programs, viewed/picked up by up to 100+ media organizations.

- Developing and distributing news releases in our local markets, covering unique mall programming on sustainability.

- Utilizing our most sustainable platforms including LinkedIn, Macerich.com, property websites and social media accounts to communicate all key company information with stakeholders.

ENVIRONMENTAL
SOCIAL
GOVERNANCE

Cayton Children's Museum - Santa Monica Place

COMMITTED TO PEOPLE AND COMMUNITIES

While Macerich is a company made up of real estate assets, our greatest assets are our people. We strive to create an inclusive, comfortable work environment that fosters growth and promotes work-life balance. Importantly, we work to ensure that every employee is compensated financially, but also feels valued for their ideas and contributions.

Everyone at Macerich understands that our connections with our communities are the lifeblood of our organization. Because our town centers are top-of-mind places for commerce, for respite and for inspiration, they become cultural touchstones for our shoppers, neighbors and friends. We like being at the heart of where we do business.

In our communities across the U.S., Macerich and our employees engage and contribute. Through in-kind and monetary donations as well as volunteerism, we support a wide range of community efforts to make life better.

To support social responsibility, our overarching focus and strategy cover the following key areas:

- Community Engagement
- Philanthropic Efforts
- Safety at Our Centers
- Human Capital, Diversity and Labor Practices

COMMUNITY ENGAGEMENT

Macerich's thriving town centers are important community gathering places, and we realize the strength of our business is inseparable from the vitality of our communities. Our properties are part of the fabric of their neighborhoods and their larger markets and we strive to make a lasting, positive impact.

Each Macerich property develops and implements local engagement programs that reflect the community's needs and interests. These programs incorporate employee volunteerism, in-kind and financial donations, and partnerships with local nonprofit organizations. In addition, Macerich has a strong corporate commitment to supporting national charitable causes that align with our corporate values.

The growing range of uses at our properties often aligns with important social needs and interests in local markets.

- **Wilton Mall** – Macerich repurposed a former Sears box as a location for expanded health care services to the community through Saratoga Hospital in Upstate New York

- **Santa Monica Place** – Macerich welcomed the Cayton Children's Museum to its new, permanent home at Santa Monica Place, providing better access and a larger space for this regional favorite for family enrichment

- **Southridge Mall** – Macerich helped Des Moines Area Community College reach more students and expand its educational offerings with additional space at Southridge Mall

WORK STUDY PROGRAM

Since 2008, Macerich has been a proud supporter of the Verbum Dei High School Corporate Work Study Program. In 2019, we provided internship opportunities for four students at the Santa Monica Corporate Office, featuring on-the-job training in Human Resources, Office Services, Legal, and Accounting.

As part of the Cristo Rey Network, the Work Study Program has a profound impact on high schools in economically challenged neighborhoods, increasing college enrollment from an average 61% to 90%.

For these mostly high school freshmen, their experience at Macerich is the first time in a professional work environment. Each workday translates into cash

earned toward their high school education. Along with teaching professional and social skills, our corporate environment provides Verbum Dei students with positive role models. And ask anyone involved with the program — they will say it's just as rewarding to be a mentor as a mentee.

COMMUNITY INVOLVEMENT PROGRAMS

Ensuring solid ties with community leaders and policymakers in our markets is a priority for Macerich. Local property management teams are involved in city task forces and committees that help guide and develop regional policies and keep our teams apprised of legislation that could impact operations, land use and development projects.

Macerich's thoughtful approach to our development/ redevelopment work begins well in advance of opening new stores or experiences. Reflecting community interests in our properties is important, from selecting a site, working with state and municipal partners to determine the infrastructure and site plan to delivering a merchandise mix well suited for the surrounding community.

At each step, civic representatives and local thought leaders are part of a strategic community relations process that includes meetings and presentations with the end goal of securing maximum agreement. At its best, retail development contributes to the vision and "sense of community" for civic leaders and local residents by creating resonant destinations, providing valued services, experiences and amenities, and contributing to the community's economic well-being.

PHILANTHROPIC EFFORTS

Through corporate charitable giving, Macerich contributes to our communities with a focus on generating positive social, economic and environmental change at the local level. We achieve this through local giving programs managed by our 52 properties, as well as corporate partnerships with impactful national nonprofit organizations.

In addition to providing direct financial assistance to nonprofit organizations, our comprehensive philanthropy program also awards grants for employee-sponsored events that support local causes. This support can range from buying food for a nursing home holiday party to purchasing tools for a clean-up day at a local school. All giving reflects the interests of our local teams and their community needs.

In 2019, we donated to over 300 organizations (a total of $600,000).

OUR CORPORATE PHILANTHROPIC PARTNERS

We partner with the following organizations by providing financial, in-kind or volunteer support:

- American Cancer Society
- American Red Cross
- Boys & Girls Clubs of America
- Big Brothers Big Sisters
- City of Hope
- Earth Day Network
- Habitat for Humanity
- Humane Society
- Keep America Beautiful
- Phoenix Rescue Mission
- Ronald McDonald House Charities
- The Salvation Army
- Special Olympics
- Step Up on Second
- YMCA

The Macerich Corporate Office in Phoenix collected approximately 8,400 water bottles and raised $19,000 for the homeless community during the hot summer months.

CASE STUDY: GIVING BACK THROUGH DONATION DRIVES

The drive to support our communities runs deep. Every year, Macerich properties engage guests and employees by hosting local donation drives that assist nonprofit organizations in collecting food, clothing, holiday gifts and more for individuals and families in need.

PHOENIX WATER DRIVE

During the month of June, Macerich's Phoenix Corporate Office and Arizona properties held a competition among departments to raise money and collect bottles of water for the Phoenix Rescue Mission and the region's homeless population. Teams raised almost $19,000 and collected approximately 8,400 bottles of water to help homeless individuals, which is especially important when temperatures average triple digits in June.

THE BIG RED BUCKET FOOD DRIVE

For the past 20 years, Macerich has hosted the Big Red Bucket corporate food drive to support families in Santa Monica during the lead-up to Thanksgiving. We ask our corporate employees and vendors to fill 16-gallon buckets with food items and collect cash donations to buy gift cards so that families can purchase fresh produce, turkeys and other perishable items. In 2019, we filled over 145 buckets with food and collected $15,000 in donations for gift card and grocery purchases.

SAVING LIVES WITH BLOOD DRIVES

From Kings Plaza in Brooklyn, NY, to Arrowhead Towne Center in Glendale, AZ, a number of Macerich properties partner with local blood banks to host annual and/or ongoing blood drives. Throughout the year, guests visiting our centers donate thousands of pints of blood to give the gift of life to their neighbors.

PHOENIX HOLIDAY FESTIVAL

For the past 40 years, the Phoenix Corporate Office has created a festival day of fun to celebrate the holidays while also raising money to support local charities and families in need. The day includes a silent auction with items donated by Macerich vendors and a holiday store offering unique gifts made by our very own Macerich employees. In 2019, the Phoenix Corporate Office raised over $22,000.

VOLUNTEERING

Our employees enthusiastically embrace the opportunity to make a difference in the communities where they live and work. We offer all full-time employees 24 hours of paid volunteer time each year. Employees can volunteer with organizations of their choosing, as well as participate in annual volunteer activities organized by our corporate offices and property teams. Volunteering is an integral part of our company culture because it provides enriching opportunities for our employees to support and give back to the communities that make us whole.

EMPLOYEE SPOTLIGHT:
JEROME CALDWELL ON BEING A BIG BROTHER IN LA

Relationships are at the heart of Big Brothers Big Sisters of Greater Los Angeles, one of the largest youth mentoring organizations in Southern California. Every year, the organization impacts nearly 1,800 at-risk children. One of these extraordinary relationships reflects the dedication of Macerich's Jerome Caldwell, a mobile device administrator providing executive IT support at the company's Santa Monica headquarters.

Says Caldwell: "I've been a Big Brother (to an awesome 'Little' named Jaylen) for four years, and I've been on the BBBSLA Junior board for almost two years. I was introduced to the organization by two Macerich Board Members, Steve Soboroff and Dana Anderson, and I've been on the front lines for our inner-city youth ever since.

"I usually pick my Little up every other Saturday to hang out and we experience a cool activity, have lunch, and while eating we talk about school and anything else on his mind (mostly good things, but we have had tough conversations about bullying, peer pressure, gangs, etc.). We've been to Disneyland, seen the Dodgers play, gone surfing and done lots of other fun things together.

"Macerich has been supportive in so many ways. For example, the company has financially supported our LA BIG 5K, which Jaylen and I have participated in. Also, thanks to Special Event Grants at Macerich, I've been able to get additional financial support to help fund some of the group's quarterly events."

SAFETY AT OUR CENTERS

GREEN CLEANING

Our major vendor, Triad Service Solutions, Inc., is in the process of achieving the ISSA Cleaning Industry Management Standard (CIMS) Certification. This multi-year certification process outlines the primary characteristics of a successful, quality cleaning organization. Through this certification process, Triad Service Solutions is required to put in place a Green Cleaning Policy, plus a Green Cleaning Program that covers training and safe chemical handling procedures and continuing use of green cleaning products and equipment. Compliance with this standard demonstrates an organization is structured to deliver consistent, quality services that are designed to meet the customer's needs and expectations for green cleaning.

CRISIS PREPAREDNESS AND PREVENTION

As preparedness is essential in the event of a crisis, Macerich requires every property to conduct drills annually to prepare for such an event. These often include local law enforcement, first responders and retailers. Our requirements exceed industry standards and many properties participate in as many as six exercises annually. Depending on location, we may also incorporate preparation for natural disasters, including evacuation and delegation duties in the event of a tornado, hurricane or earthquake.

SAFETY AND SECURITY

Ensuring the safety and security of our employees, guests and contractors is central to how we manage our operations and properties. Macerich contracts with Allied Universal to oversee security services at our properties. Macerich is responsible for securing the common areas of our properties, including shared indoor spaces and parking lots. Our security services work closely with local police to protect our retailers and guests against crimes, e.g., theft or vehicle break-ins. We also monitor and respond to trends, such as increases in organized retail crime, working closely with retailers to share information with police.

As a matter of policy, 100% of Macerich security employees are required to comply with Macerich

training programs, and annually sign off and accept these policies. Allied Universal requires these employees to complete training modules that help prevent human rights violations and unlawful discrimination. Courses include training on Macerich's Code of Conduct, plus cultural competence, interpersonal communication and customer service. There were no incidents of non-compliance concerning the health and safety impacts of products and services in 2019.

OUR HUMAN CAPITAL

Macerich is known for quality – in our properties, in our relationships with our retail, brand and vendor partners and, most importantly, in our work with each other. We value collaboration, integrity, taking responsibility for what we do every day and the contributions of each team member. We work to develop not only great properties, but also to help people develop great careers. We are a company that offers fulfilling, rewarding, individually tailored career paths for the motivated and talented people who are part of our Macerich family.

2019 EMPLOYEE MAKEUP BY REGION

Region	Total	New Hires	Turnover
West	549	56	72
East	178	20	27
Total	**727**	**76**	**99**

No Macerich employee is covered by a collective bargaining agreement.

2019 NEW HIRES AND TURNOVER

2019 New Hires	Male	Female	Total
Asian	5	4	9
Black or African American	3	1	4
Hispanic or Latino	6	4	10
Not specified	1	1	2
Two or more races		1	1
White	22	28	50
Total	**37**	**39**	**76**

2019 Turnover	Male	Female	Total
American Indian/ Alaskan Native		1	1
Asian	3	3	6
Black or African American	4		4
Hispanic or Latino	2	3	5
Not specified	3	4	7
Two or more races	1	2	3
White	44	29	73
Total	**57**	**42**	**99**

DIVERSITY

At Macerich, we recognize the value in strengthening our workforce with diverse thought, ideas and people.

As an example, we have a commitment to refreshment and diversity of our Board of Directors. Since mid-2015, 60% of our current directors have been elected to our Board. When selecting nominees, our Board focuses on increasing various aspects of our Board's diversity. Women represent 30% of our director nominees for election at our Annual Meeting and the average age of our director nominees is 59.8 years, with significant age diversification. Additionally, 51% of total promotions in the reporting period were awarded to female employees.

Furthermore, an initial working group of cross-disciplinary employees has assembled to focus on developing initiatives and activities to expand diversity and encourage inclusion within our company.

We intend to expand participation in this working group as we further develop our diversity and inclusion programs. Initial efforts center around:

- Increasing diversity-focused employee engagement
- Employee Diversity, Equity & Inclusion Assessment & Training
- Social initiatives that encourage cultural education and awareness
- Expanded volunteer and community programs

Full Time

413 | 310

Part Time

3 | 1

Total

416 | 311

Under 30

52% | 48%

30-50

57% | 43%

Over 50

59% | 41%

Non-managerial

71% | 29%

Managerial

50% | 50%

Executive/Senior Level*

9% | 91%

■ Female ■ Male

*Senior VP and Above
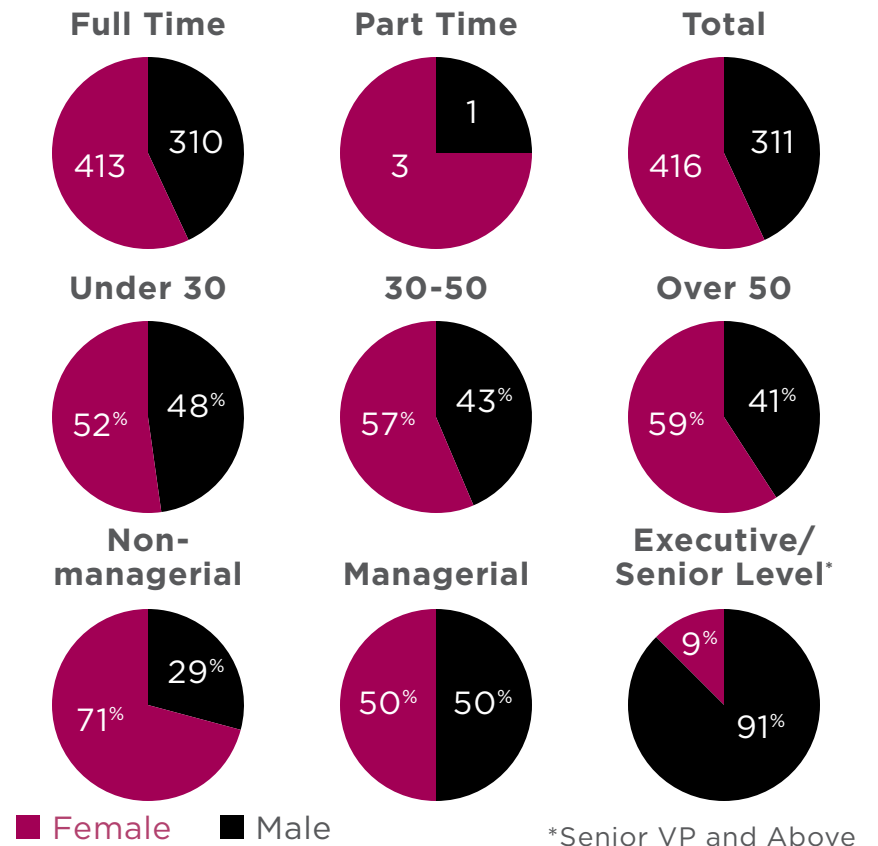
BENEFITS

Macerich provides employees with one of the strongest benefit programs in our industry. All employees who work more than 30 hours per week are eligible for health insurance, dental and vision benefits. Employees have a variety of health benefit options at different contribution levels to meet their personal and family needs. Macerich provides:

- Company-matched retirement savings through our tax-advantaged 401(k) plans to all full- and part-time employees with automatic enrollment starting in their first month

- Basic life insurance and long-term disability and employees can elect to purchase additional insurance through our plans

- Medical, dental and vision insurance to support health and well-being via critical, illness and preventive care available on the first day of employment

- Paid vacation, sick time and company-observed holidays, recognizing the benefit of time away from work

- Income replacement if an employee is unable to work due to illness or injury through short- and long-term disability plans

- Both healthcare and dependent care flexible spending accounts, which offer a way to pay for eligible expenses with pre-tax dollars

- A referral bonus award for helping the company find other great employees

- Financial, legal, family or personal assistance with confidential access to qualified professionals through the Employee Assistance Program

- The Employee Stock Purchase Program to assist employees in the purchase of company stock at a discount

- A tax-advantaged 529 educational savings program

- 24 hours of paid time off for volunteer efforts

- Paid time off for employees to bond with a new child

EMPLOYEE ENGAGEMENT

We value the feedback of our employees and encourage them to share suggestions and concerns with management through a variety of channels. All employees receive regular feedback along with annual performance reviews with their managers, during which they are encouraged to explore areas where Macerich can support their personal and professional growth. We also honor our employees for their service and provide opportunities for them to recognize each other's accomplishments.

EMPLOYEE COMMUNICATION

We facilitate ongoing engagement with employees through tools such as our intranet site (The Hub), regular "MacChat" and "Macerich Company News" emails, and social media. The Hub is an important resource where information, including documents and policies, is stored. Additionally, it acts as a collaborative tool for departments and properties to work together on projects and share documents. The site also offers newsfeed updates and social media avenues for employees to communicate with each other.

EMPLOYMENT OPPORTUNITIES

Our success is buoyed by our people and their strong, trusted relationships with the world's best retailers and passionate shoppers, in many of the most admired U.S. cities from coast to coast. Macerich offers exciting opportunities to work, to grow and to develop unique talents. The dedicated Careers page on Macerich.com is designed to attract top talent to work for our company, as well as share opportunities for in-company growth as they become available.

SPOTLIGHT:
CROSS COLLABORATION CREATES WINNING EMS TECHNOLOGY

It was cross-departmental collaboration and a concerted focus on people that shaped Macerich's award-winning EMS 2.0.

Says Macerich VP of IT Brian Schwartz: "Our IT, Operations and Sustainability teams worked collaboratively to develop and launch EMS 2.0, Macerich's high-performing energy management technology system. This collaboration is a key reason why our technology is easy to use and intuitive, helping us boost adoption and results."

Last year, Schwartz accepted the Digie Award earned by Macerich for "Most Intelligent Building Project – Retail" at the 2019 Realcomm conference. (Realcomm is an annual technology conference for major REITs in retail, office, hotel and storage.)

"We worked together to take best-of-breed elements from our existing software systems to custom-create a solution that improves functionality, is easier to use with better graphics, and is more secure.

The new program helps meet company goals for saving energy and reducing costs, while maintaining comfortable property environments."

Adds Schwartz, "As a people-first company, we're always thinking about making our technology something that people will actually want to use."

IT SUMMIT AND VALUE AWARDS

At the start of each year, the Macerich IT department gathers for their annual IT Summit. This event brings teams from all offices together for team-building, collaboration, guest speakers, and to recognize each other's achievements. Each year, Value Awards are given to team members who have successfully demonstrated the IT values of: accountability, adaptability, collaboration, communication, courtesy, creative thinking, decision-making, passion, professionalism, respect, shared vision, and trust. At the IT Summit, all members of the IT department have a chance to nominate their colleagues and celebrate their team wins together.

TIME TO VOTE

At Macerich, we recognize voting is a part of our employees' civic duty. By joining Time to Vote, we have made a commitment to ensure that our employees have a work schedule that allows them time to vote and that no one has to choose between earning a paycheck and voting. We are committed to making accommodations for our employees that help enable them to vote, such as providing resources for registering to vote, voting my mail, and allotting paid time off when voting outside of work hours is not feasible. Taking this one step further, many of our properties become official polling sites during elections to make it easier for local people working at and visiting our centers to vote, too.

TRAINING AND DEVELOPMENT

Macerich offers regular annual and bi-annual trainings related to anti-harassment, cybersecurity, professional development and employee skills, as well as department-specific trainings. In 2019, approximately 10 hours of training were offered to employees. Departments regularly support employees to attend outside training or obtain certifications that enable them to further their work expertise.

We also provide three to four trainings a year to our contracted security and janitorial services to share any changes in policies, and ensure their practices meet our standards for quality, ethics and operational excellence. As well, we support education initiatives on topics about which our employees care.

At our company, 100% of employees receive annual performance reviews. The performance review process is designed to foster enhanced employee performance, growth and development by facilitating dialog between supervisors and their direct reports. The process includes setting clear and specific performance expectations, and providing annual formal and periodic informal feedback throughout the year about performance relative to stated goals and expectations.

DEPENDENT SCHOLARSHIP PROGRAM

Macerich has established a scholarship program to assist children of employees who plan to continue their educations in college or vocational school programs.

This program, funded by Macerich executive leadership, is administered by Scholarship America®, the nation's largest designer and manager of scholarship, tuition assistance and other education support programs for corporations, foundations, associations and individuals. Awards are granted without regard to race, color, creed, religion, sexual orientation, gender, disability or national origin.

HEALTH AND WELLNESS

The health and well-being of our employees contribute significantly to the success of our business. We provide a range of resources including discounted rates to fitness clubs, education sessions and programs that encourage healthy lifestyles.

In 2019, we participated in the Whole Life Challenge, in which employees can earn points for joining in physical activities and learning opportunities that support good health. The points then translate into cash and other prizes. To encourage participation, we hosted "lunch and learns" on health topics at our corporate offices.

To help employees in times of need, our confidential Employee Assistance Program provides employees and their families with access to a 24-hour hotline and website that help them deal with challenging life events including legal concerns, financial issues, emotional well-being, childcare and parenting.

OCCUPATIONAL HEALTH AND SAFETY

Macerich offers a comprehensive Injury and Illness Prevention program. In place for several years, the program meets state requirements, and covers all employees of the company, who in general are classified as office or clerical workers. No classes are excluded from the policy.

We endeavor to identify work-related hazards and assess risks evaluated internally through our Human Resources and Risk Management personnel and with third parties, as needed, to continually improve our occupational health and safety management system. Our vendors for subcontracted services, such as security, landscaping, janitorial and maintenance, are obligated contractually to also run their own health and safety programs.

When needed, employees report hazards informally, whether in person, via phone or email. They can

report them to the office manager, HR or Risk Management. When they do so, they are protected by the law and company policy, which prevent retaliation in any form. If there is an issue impacting a population, it is addressed immediately. If it is an issue that impacts a particular employee and cannot be remedied, the company makes reasonable accommodations for the employee to perform work functions. Once an employee injury or illness is reported, it is investigated by Risk Management and its insurance adjuster. If any related change needs to be made, it is done immediately.

To minimize the risks of occupational health and safety hazards, the company – as noted earlier in this report – provides wellness support to its employees by providing comprehensive health, vision and dental plans, a healthy work environment, discounted gym memberships, first-aid supplies, and trains employees in first aid and defibrillator use.

To maintain the confidentiality of workers' personal health-related information, the company follows rules set by HIPAA and does not allow individuals access to personal information, unless required. We provide both physical security (locked doors, cabinets) and limited electronic availability of this information.

Workers' personal health-related information and their participation in any occupational health service is not shared with any employees except those on the HR team.

In 2019, there were six reported work-related injuries, and no fatalities. Reported injuries were mainly related to trip-and-fall situations. There were no reported work-related illnesses.

ENVIRONMENTAL SOCIAL GOVERNANCE

COMMITTED TO SOUND CORPORATE GOVERNANCE

Transparent, responsive and principled, Macerich is committed to sound corporate governance. To us, good governance is every bit as important as expert shopping center operations and powerful connections with our communities.

We strive to build a company-wide culture of honesty, openness and accountability. Clear written policies, along with ongoing training and supportive management, guide behaviors and shape expectations.

We recognize that corporate structure and governance mirror the values of a company and we have worked diligently to diversify the Macerich Board of Directors with members who bring different viewpoints and life experiences to better reflect our communities.

To manage risk and maximize opportunity, we listen to and actively collaborate with our stakeholder universe that includes employees, tenants and guests, investors and joint venture partners, local governments, contractors and communities. After hearing from our employees, we are currently expanding our efforts to heighten diversity and inclusion throughout our organization.

COMPANY OVERSIGHT

BOARD OF DIRECTORS

The Macerich Board of Directors oversees the policies and processes that guide our business and ensure that we operate transparently, in compliance with all applicable laws and regulations, and to the highest ethical standards. The Board is composed of 10 members, including eight independent members, of whom three are women, and is chaired by independent member Steven R. Hash. The Board's responsibilities are facilitated and executed through four standing committees: Audit, Compensation, Nominating and Corporate Governance, and Executive. Each committee maintains a written charter detailing its responsibilities, duties and authorities. Corporate governance practices and procedures are updated periodically to reflect the needs of the company as they evolve. For more details on Macerich's Board of Directors, committees and charters, including nomination and selection of the Board, governance guidelines and contact information, please visit our Macerich Corporate Governance website.

PARTNERSHIPS AND INDUSTRY ASSOCIATIONS

Macerich partners with industry associations to engage in select public policy and lobbying activities regarding topics, laws and regulations that may impact our broader operations. Macerich always acts in full compliance with all state and federal laws and regulations as they relate to political contributions and public policy engagement. As well, Macerich engages with local industry associations at state and municipal levels and maintains memberships in several national industry associations that provide valuable business insights and best practices on key industry-related issues. These include:

- International Council of Shopping Centers (ICSC)
- National Association of Real Estate Investment Trusts (Nareit)
- Shop America Alliance
- Urban Land Institute (ULI)
- Global Real Estate Sustainability Benchmark (GRESB)

ADVOCACY

Macerich relies on industry associations ICSC and Nareit to represent our interests to lawmakers for

effecting change in the real estate and shopping center industries. Macerich does not make financial or in-kind political contributions.

ETHICS AND BUSINESS CONDUCT

Macerich promotes a culture of honesty, accountability and respect. We expect all our employees to act with the highest level of integrity in their dealings with our tenants, vendors, guests, community members and each other. We have a deep commitment to ethical conduct, which is essential to build and maintain the trusting relationships that drive our business. Macerich has established rigorous policies and procedures to ensure that we operate with integrity at all times. Corporate policies serve as the foundation of our business conduct, such as the Code of Business Conduct and Ethics and the Anti-Bribery & Anti-Corruption Policy. These are distributed to and acknowledged by all employees and in our annual policy review process.

Macerich is committed to operating in full compliance with all applicable governmental laws, including environmental and social regulations, in every region

in which we operate. The company was not subject to any fines or incidences of non-compliance with any applicable laws and regulations in 2019. For more information, please refer to our Form 10-K. While we became aware in 2019 of minor physical barriers related to the Americans with Disabilities Act, none resulted in fines or sanctions and we have moved to redevelop or eliminate those barriers. There have been no confirmed incidents of corruption and no legal actions regarding anti-competitive behavior, nor violations of anti-trust and monopoly legislation.

CODE OF BUSINESS CONDUCT AND ETHICS

Macerich's Code of Business Conduct and Ethics (Code) directs all employees to avoid conflicts of interest. Macerich provides training on the Code of Business Conduct and Ethics as part of the training for all new employees. Additionally, employees receive regular, relevant training on how to adhere to the policy and are asked annually to formally accept that they will comply with this policy.

Macerich's Code of Business Conduct and Ethics (Code) serves as a guide for all employees in their daily operations and interactions. Updated periodically, the Code lays out expectations for

conducting business in an ethical and lawful manner and covers topics including:

- Conflicts of interest
- Discrimination and harassment
- Confidentiality and fair dealing
- Payments to government personnel and corporate and partnership opportunities
- Compliance with laws, rules and regulations
- Proper use of company assets

Employees are encouraged to report any violation of the Code or related breaches of lawful or ethical conduct to their managers. There have been no reported incidents of discrimination.

For more information on the Code of Business Conduct and Ethics and supplemental policies, please visit our Corporate Governance page at investing.macerich.com/corp-gov.

Employees are responsible for reading, understanding and complying with this Code, as well as any future updates and other materials issued from time to time as part of Macerich's efforts to train, educate, address and prevent ethics violations. Employees are required to read the Anti-Bribery & Anti-

Corruption Policy and Whistleblowing Policy in conjunction with this Code, which may be found on the company's intranet and on the company's corporate website. If there is any ambiguity or potential for a conflict, employees are to report them to Human Resources. Any suspected violations can be reported confidentially to the ethics line, which is available to all employees. Macerich's toll-free Ethics Hotline was established for anonymous reporting of concerns or violations. All hotline complaints are monitored, tracked, elevated and resolved as appropriate. In some instances, complaints go directly to the Audit Committee for review.

The company asks its employees to disclose conflicts of interest in writing on an annual basis. Primarily, employees are asked to disclose relationships with vendors, other employees or any financial interest they may have in any vendor. Vendors are also asked to disclose any potential conflicts of interest to the company in writing. Any critical concerns would be reported to the CEO and communicated to the Board. In accordance with this policy, there have been no critical concerns or incidents of corruption communicated to the Board. As a result, training beyond the stated policies noted above has not been necessary.

PRIVACY AND SECURITY

We understand the importance of privacy to our stakeholders and are committed to protecting the personal information of our employees, tenants and guests. Our publicly available Privacy Policy describes the information we collect from visitors - including those who visit our website, use our WiFi network or enter sweepstakes - how we use this information and who we share it with. For more information, please visit our website.

As the world becomes increasingly digitized, companies big and small are vulnerable to an ever-wider range of cybersecurity threats. We are proactive in updating and maintaining our internal IT security systems to ensure that we address and safeguard against the most pressing cyber-risks as they arise. We also maintain a robust Information Security Administration Policy, which addresses all aspects of communication and network protocol. In addition to online privacy, safety and security, we have comprehensive policies and processes in place to ensure the physical safety of our employees and contractors, guests and tenants. For more information, please see our Health & Safety Policy.

MACERICH.COM

POLICIES

COMMITTEE CHARTERS

Audit Committee Charter

Compensation Committee Charter

Executive Committee Charter

Nominating and Corporate Governance Committee Charter

CORPORATE GOVERNANCE POLICIES

Guidelines on Corporate Governance

Anti-Bribery & Anti-Corruption Policy

Anti-Harassment Policy

Code of Business Conduct & Ethics

Code of Ethics for CEO & Senior Financial Officers

Health & Safety Policy

Human Rights Policy

Policy on Company Political Spending

Whistleblowing Policy

ESG COMMITMENTS

Supplier Code of Conduct

Sustainable Procurement & Practices Policy

SUSTAINABILITY POLICIES

Biodiversity Policy

Climate Change & Energy Policy

Environmental Policy Statement

Waste and Resource Management Policy

Water Management Policy

Task Force on Climate-related Financial Disclosures (TCFD) provides a framework for evaluating and reporting climate-related risks, as well as the related governance issues that are essential to management and decision-making.

Macerich has been committed to transparency and disclosure of our ESG efforts since we published our first sustainability report in 2012. We have continued to expand our transparent approach by reporting to CDP, GRESB and using GRI standards over the past several years, and now incorporating TCFD.

Our reporting to this framework will expand as we actively identify, manage and strategize around climate change impacts that are material to our business.

TCFD reporting in this section will address the four key areas outlined by the 2017 recommendations:

Governance

- Board's oversight of climate-related risks and opportunities.

- Management's role in assessing and managing risks and opportunities.

Strategy

- Climate-related risks and opportunities the organization has identified over the short, medium, and long term.

- Impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

- Resiliency of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.

Risk Management

- Organizational processes for identifying and assessing climate-related risks.

- Organizational processes for managing climate-related risks.

- Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.

Metrics and Targets

- Metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

- Scope 1, Scope 2, and Scope 3 greenhouse gas (GHG) emissions, and the related risks.

- Targets used by the organization to manage climate-related risks and opportunities and performance against targets.

GOVERNANCE

A key part of our corporate responsibility is managing climate-related risks and opportunities, which are overseen by Macerich's senior management and guided at the Board level. As addressed earlier in this report, the day-to-day activities are managed by the Vice President of Sustainability reporting to the Executive Vice President of Portfolio Operations and People, but the ultimate governance and responsibility rest with the CEO and Board of Directors. Sustainability is reported on and addressed at quarterly Board meetings. Macerich's CEO has the highest level of responsibilities for climate-related issues as he guides Macerich's national portfolio of retail properties, with a focus on adding value to assets and land holdings. The CEO reports to stakeholders on Macerich's progress toward goals and the future trajectory of Macerich's overall operations. The Board of Directors considers climate-related issues when reviewing and guiding major plans of action and risk management policies, setting performance objectives, monitoring implementation and performance on objectives, overseeing major capital expenditures, acquisitions and divestitures, and monitoring and overseeing progress against goals and targets for addressing climate-related issues.

STRATEGY

Macerich identifies and assesses business risks and opportunities that can impact value, reputation, and business continuity on an ongoing basis as a normal course of business. With respect to climate change, regulatory risks/opportunities – particularly related to energy legislation - are deemed most material at the company level through direct interaction with regulatory agencies and participation in trade groups such as The Real Estate Roundtable, the National Association of Real Estate Investment Trusts, and the International Council of Shopping Centers. At the asset level, with respect to climate change, physical risks and opportunities caused by weather-related events are deemed most material. They are typically identified and managed by the property teams on a monthly basis, under the direction of the executives responsible for operations. Property/business interruption insurance and disaster recovery plans address physical risks at the asset level, including those resulting from climate change. Macerich views

our climate-related risks as dynamic and reviews our various risk factors on an ongoing basis and in terms of Short Term (0-2 years); Medium Term (3-7 years) and Long Term (8-20 years).

Alongside our goal of carbon neutrality by 2030, Macerich also is committing to setting new science-based targets, as appropriate, as additional solid metrics to track over time. We will be evaluating the right process and modeling to weigh climate change scenarios based on sensitivities to 2°C change and its potential impact on our portfolio.

Transition Risks

- Market

  - Short Term

    - Increases in fuel and energy supply costs, transmission and distribution costs, and utility taxes impact Macerich directly, as energy costs represent a large percentage of the company's operating expenses.

    - Densification and the changing retail environment are consolidating the retail real estate market. This reality requires us to consider incorporating a wider variety of uses into our properties to meet local needs.

Green Acres Commons, NY

- Technology
  - Short Term
    - Renewable energy portfolio standards and other regulatory requirements imposed on power producers, to the extent they cause an increase in energy costs, have a direct impact on operating costs for the company. Energy costs represent a large percentage of the company's operating expenses, prior to recoveries from tenants.
    - Risks from abrupt and unexpected shifts in energy costs, relative to technology, are always considered in our risk assessment. Macerich leverages on-site technology to mitigate potential negative risk impacts from possible breaks in leases, such as loss of gross operating margins from losses in revenue for properties that do not have reliable sources of energy.
  - Medium Term
    - Aging and obsolete infrastructure for all utilities, including energy grids, water and wastewater systems, as well as technologies for managing waste, are all considered risks.

Climate change is driving greater regulation. New technologies could render existing systems obsolete. This could significantly impact cost of service or even access to service in the future.

- Policy & Regulation
  - Short Term
    - Climate change-related issues can and will likely drive additional changes in utility rate structures and demand period-driven charges.
    - Incentives and benefits for efficient operations and sustainable investments represent an additional opportunity to mitigate climate change-driven operating cost increases. Macerich continually assesses and pilots new technologies and regularly takes advantage of these more financially viable options.
  - Medium Term
    - Potential risks from not being current with emerging regulation are always considered in our risk assessment where we identified certain centers are subject to specific local laws and regulations.

– Long Term

· We do not currently anticipate that the retail industry will be regulated by carbon legislation in the short term, though the effects of this legislation long term or on other industries may indirectly affect us through higher energy costs, higher raw materials cost and increased retailer demand for sustainable properties. The increased focus on emissions is why we verify and fully disclose our Scope 1, 2 and 3 emissions both in this report and to a variety of disclosure platforms, such as GRESB and CDP, and is also a large part of why we have committed to carbon neutrality by the end of 2030.

• Reputation

– Short Term

· There is growing demand among some of Macerich's tenants for sustainable space, which can minimize the impacts on climate change. Failing to address customer demand for sustainable practices would cause a decrease in reputation and reduced demand for our offerings.

– Medium Term

· Local community engagement driven by climate change expectations is changing the retail environment and the viability of local retail centers. Highly engaged communities expect sustainable operations to earn their patronage. These communities also expect a selection of environmentally conscious retailers. The market shift requires not only that we be transparent with our operations and programs, but also assess our leasing practices and tenant selection to keep or earn the business of environmentally motivated consumers.

Physical Risk

• Acute

– Increased severity of extreme weather events, such as cyclones and floods, is always included as part of Macerich's risk assessment process, where material. Macerich also looks at grid connections and energy capabilities throughout our portfolio, including redundant utilities, to ensure that all operations can proceed and provide battery backup power.

• Chronic

– Changes in recurring physical risks, such as precipitation patterns and impacts of extreme snow and ice weather events, can result in property loss, but can also lead to business interruption. During the reporting period, the company has not experienced significant disruption of business at facilities due to snow and ice, even though exposure to these climate risks is evident at more than half the properties in the portfolio.

Opportunities

• Products & Services

– Opportunities such as shifting consumer preferences toward sustainable companies have impacted our supply chain/value chain as rental tenants are able to note that their locations on Macerich properties are able to take advantage of high efficiency and renewable energy sources. The evolving retail environment and shift in consumer preferences create an opportunity to incorporate a wider variety of uses into our properties to meet local needs, such as health, medical, office space, hotel, fitness and more –

in walkable areas with access, electric vehicle charging stations, and central transportation systems. This broader set of uses and services allows for more local, more sustainable work-life balance, and can increase revenues though new offerings.

• Diversified Energy Sources

– While energy taxes and regulations could result in an increase in operating costs for Macerich, the company's strategic focus on energy efficiency could create a cost advantage relative to competitors. By relying less on the grid, and through continuing to introduce lower energy emission energy technology into our portfolio, we produced more than 47 million kWh of clean energy from 13 on-site solar power projects and 19 fuel cells across six properties in 2019. Changes in utility rate structures, and uncertainty in energy rates, motivate Macerich to implement on-site generation, power storage and dispatch technology to allow for better control and management of energy loads across our portfolio. As we continue to develop innovative technology solutions to reduce emissions and address climate change,

we are always looking into additional capital investments that will achieve these goals.

- Reputation
  - Stakeholders including customers and investors are factoring in climate change information in their purchasing and investment and asset allocation decisions. Green building certifications, growth of our clean and renewable energy portfolio, and national recognition for strong ESG practices and on-site renewable power generation provide consumer and investor confidence in Macerich's proactive approach to risk management and climate resiliency.

RISK MANAGEMENT

Operations

- Macerich has established goals of reaching carbon neutrality by 2030, aimed at explicitly reducing kWh by ensuring that dependencies on grid purchase power decrease over time and progress toward implementation of new self-reliant energy technologies. The Macerich renewable energy program has continued to grow since 2011 and has reached 35% of portfolio GLA, expanding in 2019 with two additional solar energy systems. We now manage 13 large-scale solar arrays and six

The Shops at Atlas Park, NY

fuel cell energy systems. Growth of on-site energy generation and the constant drive to reduce electricity consumption are key mechanisms for decreasing grid dependencies and exposure to renewable energy regulation. Management of sound energy investment activities is part of normal business operations for Macerich and creates value for the company. This is also a key risk management tool that supports our goals and addresses climate change.

- More than 150 accounts at 18 properties in six states are involved in deregulated energy markets, where internal management staff and third-party consultants regularly analyze factors such as electricity prices, capacity prices, gas demand, gas storage, weather forecasts, and market fundamentals and implications. As a result, Macerich is able to strategically manage contracts to minimize impacts from exposure to market rates and utilizes data during scheduled utility budgeting/forecasting processes annually or as necessary. This ongoing process supports a proactive response to market changes including those that are attributed to climate change.

- Macerich has preparedness and recovery plans in place to manage risks associated with severe weather events including severe snow and ice, natural disasters, and potential climate change-driven snow and ice weather events. These include pre-storm planning requirements and post-storm recovery processes, and emergency response guidelines. The company also keeps comprehensive liability, fire, extended coverage and rental loss insurance with insured limits customarily carried for similar properties. Macerich's Risk Management department continually evaluates diverse financial instruments in order to hedge exposure to catastrophic losses due to exceptional events by modeling values based on predetermined insurance-related statistics.

Market Change

- Macerich manages its public profile and reputation in regard to climate-related issues by communicating its response to climate change and GHG emissions performance through mainstream financial reports and a variety of voluntary communications. Macerich communicates its efforts by responding to the annual requests for information from GRESB and

CDP, as well as providing information to become a U.S. EPA Green Power Partner in order to support the development of new, renewable energy in the United States. Macerich continues to develop a more rigorous and robust environmental policy and reporting framework, such as adding its support of TCFD recommendations and now including TCFD in our annual ESG Report and normal financial reporting. As we continue to elevate our one-of-a-kind portfolio of A-level properties, sustainability is one crucial measure of quality. Our environmental investments in efficient operations, renewable energy and resiliency, make our business more efficient, cost effective and attractive to retailers and shoppers, while reducing our environmental footprint. Unique sustainability investments and participation in climate-related disclosures help tenants determine the value of doing business with us and encourage customers to visit our various properties.

- In a changing retail environment, climate change is a growing issue for our communities. We are motivated to address key components driven by climate change as part of our efforts to maintain and increase our strong market position. Macerich's

leadership in and commitment to sustainability practices have resulted in global and national recognition. Recognition of Macerich's ability to operate its properties efficiently can help the company attract the best tenants at attractive rents. In addition, the recognition of the company's commitment to sustainability practices provides a competitive advantage in recruiting and retaining desirable employees.

- Increasing customer demand for sustainable practices has a direct correlation with an increase in reputation and product demand. In response, Macerich manages this opportunity by communicating its response to climate change and GHG emissions performance through mainstream financial reports and a variety of voluntary communications. Last year, Macerich achieved a Leadership A in CDP, which was made public to investors, clients, customers and tenants. This commitment to sustainability disclosures and publicizing the results is a key opportunity for Macerich to communicate and increase its reputation and brand value. These actions lead to additional interest for Macerich's services and products from investors, clients, customers and tenants.

Asset Management

- The identified risks and opportunities related to climate change did not impact Macerich's dispositions or acquisitions of properties in this reporting period. However, properties in our portfolio now have to meet certain criteria in line with our goal of achieving carbon neutrality by 2030. Macerich continually analyzes its existing and potential properties to maximize investment in on-site energy generation and storage as a focus of our operations.

- Macerich completes annual risk management assessments on a sampling of properties every year and looks at long-term risk factors and conducts focused and specific due diligence during any acquisition phase. This includes building resiliency, energy and water consumption, building safety and materials, social impacts on the local community, certifications, environmental regulations and risk of disasters, such as earthquakes and flooding. This work also can involve Phase I environmental studies, structural evaluation and property condition reports.

METRICS AND TARGETS

Macerich collects and monitors energy and water data for our entire portfolio. We collect data on 100% of common area and a substantial portion of GLA, which represents 70% of total portfolio energy use and 70% of total portfolio water use. Because Macerich operates in a fixed CAM environment, we have a cost recovery mechanism in place that allows us to invest capital in efficiency technology and recover those costs directly through the resulting operational savings. The majority of Macerich tenants are separately metered or sub-metered for energy and water. Macerich uses this data not only to support and promote our longstanding energy and water efficiency capital investments and programs discussed throughout this report, but also to communicate any large increases or anomalies in energy or water use to tenants that could warrant action or investment on their parts. Details about our energy performance and GHG emissions can be found in the Appendix at the end of this report.

Santa Monica Place, CA

STAKEHOLDER ENGAGEMENT

Macerich engages and collaborates with our many stakeholders to identify the opportunities and risks in sustainability and social responsibility facing our company. Our key stakeholders include investors, joint venture partners, tenants, vendors, communities, guests and employees. We use multiple channels of communication and collaboration to engage with stakeholders.

INVESTORS

Our investor relations team meets and communicates regularly with current and prospective investors to gather insights on business and sustainability priorities. Engagement channels include quarterly earnings calls, annual shareholder meeting, investor meetings, as well as our SEC filings, including our Proxy Statement and Form 10-K, available on our investor website.

JV PARTNERS

We work closely with our joint venture partners, frequently soliciting their feedback, input and approval related to joint assets. Our Asset Management group works closely with our sustainability team to share sustainability performance information.

RETAILERS

Collaborating with our tenants is critical to our collective success and furthers our ability to realize the full value of our sustainability initiatives. Across locations, property teams work closely with tenants, soliciting feedback and measuring satisfaction. Through our Tenant Sustainability Handbook, we provide guidance on implementing sustainability initiatives that will help to reduce their energy consumption and waste. We measure the impact of our engagement activities through our annual Tenant Sustainability Survey.

VENDORS AND CONTRACTORS

We work closely with all vendors and contractors to maximize our sustainability performance. Our procurement team works with vendors to source the most sustainably available and feasible products for every Macerich facility, and we require third-party contractors to meet or exceed the highest designated environmental certification standards. We monitor performance and offer periodic trainings to contractors.

COMMUNITIES

With 52 properties across the country, we work together with local communities to create positive environmental and social impacts. We give back through philanthropic partnerships and property-driven support for local nonprofits, in addition to our volunteer efforts. Our properties support job creation and drive economic activity in our communities. For more information, please see Community Engagement information elsewhere in this report.

GUESTS

We frequently solicit feedback from guests regarding their experiences at our facilities, especially in terms of health, safety and environmental performance. We engage guests through our mall mobile app, our Virtual Concierge, our website, social media and other informative materials that improve the guest experience. Guests also are invited to participate in initiatives, such as Earth Hour, water drives and other environmental pledges.

EMPLOYEES

With employees, we are always looking to encourage two-way engagement and solicit productive feedback. Channels for engaging employees include The Hub, regular newsletters, performance reviews and informal conversations with supervisors, peer mentoring, training, educational and career development opportunities, lunch and learns, community events, our Ethics Hotline, and social media. For more information, please see Human Capital information elsewhere in this report.

MEDIA

We provide local, national and trade publications with regular news releases regarding events, corporate initiatives, retailer and development announcements, messaging during crises and critical moments, and interviews on trends and current affairs.

GOVERNMENT

We engage with local community leadership and stakeholders during entitlements and permitting, ensuring full disclosure on property development plans, as well as liaise with community groups. We attend and/or present at hearings regarding matters related to Macerich properties or those of interest to our business in local communities.

MATERIALITY

ESG Reporting is a vital step to achieving smart, sustainable and inclusive growth that combines long-term profitability with social responsibility and environmental stewardship. Transparency to a wide stakeholder group creates an impetus for improving performance and sustainability reporting practice, enabling companies to measure, monitor and manage their impact on society and the economy, and help contribute to a sustainable future.

However, in order for this information to be meaningful, it is crucial that the report reflects the organization's significant economic, environmental, and social impacts that substantively influence the assessments and decision-making of stakeholders. Relevant (or "material") topics for a reporting organization should include those topics that have an important direct or indirect impact on its ability to create, preserve or erode economic, environmental and social value for itself, its stakeholders, the environment, and society at large.

The materiality focus of this report is broader than the traditional measures of financial materiality, and is not limited to those topics that have a significant financial impact. Determining materiality for this report included considering economic, environmental, and social impacts that cross a threshold in affecting the ability to meet the needs of the present without compromising the needs of future generations. The transparency that comes with reporting on material issues enhances Macerich's accountability for their impacts and contributions and therefore builds trust, facilitating the sharing of values, and enables external stakeholders to understand companies' true value, and tangible and intangible assets, providing a critical source of information for affected communities and stakeholders. Though there are many others, Macerich's programs, strategies, and this report are built primarily around the following priorities and materiality considerations:

Level 1 Priority: operational efficiency (energy and water), effluents and waste, climate change, economic performance, compliance (environmental), diversity and equal opportunity, community impact and engagement, and public safety.

Level 2 Priority: carbon emissions, public policy, certifications, occupational health and safety, human rights, governance policy, philanthropy and volunteerism, and sustainable building design.

Level 3 Priority: supply chain, procurement practices, compliance (social), labor practices, training and education, nature and biodiversity.

CONTACT

We welcome your feedback. Please direct any questions or inquiries to Jeff Bedell, Vice President of Sustainability, at 424-229-3000 or jeffrey.bedell@ macerich.com. For additional information, please visit our website www.macerich.com.

EXTERNAL VERIFICATION

The key metrics presented in this report are derived from year-over-year utility utilization and greenhouse gases (Scope 1, Scope 2 and Scope 3). Greenhouse gas (GHG) and carbon footprint metrics used national average emissions factors per the EPA equivalences calculator or the 2010 subregional E-grid values per reporting protocols consistent with CDP requirements. Macerich has engaged DNV GL to provide a validation of 2019 data, utilizing ISO-14064-3 standards. Verified data is currently pending and will be made publicly available after the release of this report as part of our CDP submission.

ENERGY PERFORMANCE

Regional Shopping Centers	Absolute 2018	Like for Like 2018	2019		
Covered Area (SF)	29,631,374	28,665,165	29,066,625	Absolute Consumption	Like for Like Consumption
Energy Consumption (GJ)	Consumption	Consumption	Consumption	Change (%)	Change (%)
Grid Electricity Consumed	1,128,514	1,103,883	1,049,706	-7%	-5%
Natural Gas Consumed	690,151	690,151	593,753	-14%	-14%
Purchased Fuel	5,181	5,181	5,203	0%	0%
Renewables Consumed & Produced	379,512	379,512	312,509	-18%	-18%
Total Energy	**2,203,358**	**2,178,727**	**1,961,171**	**-11%**	**-10%**

Community/Power Centers	Absolute 2018	Like for Like 2018	2019		
Covered Area (SF)	1,743,329	1,743,329	1,743,349	Absolute Consumption	Like for Like Consumption
Energy Consumption (GJ)	Consumption	Consumption	Consumption	Change (%)	Change (%)
Grid Electricity Consumed	41,026	41,026	38,202	-7%	-7%
Natural Gas Consumed	4,158	4,158	5,724	38%	38%
Purchased Fuel	0	0	0	0%	0%
Renewables Consumed & Produced	14,882	14,882	16,424	10%	10%
Total Energy	**60,066**	**60,066**	**60,350**	**0%**	**0%**

Whole Portfolio - Managed Assets	Absolute 2018	Like for Like 2018	Like for Like 2019	Absolute Consumption Change (%)	Like for Like Consumption Change (%)
Covered Area (SF)	31,374,703	30,408,494	30,809,974		
Energy Consumption (GJ)	Consumption	Consumption	Consumption		
Grid Electricity Consumed	1,169,540	1,144,909	1,087,908	-7%	-5%
Natural Gas Consumed	694,309	694,309	599,477	-14%	-14%
Purchased Fuel	5,181	5,181	5,203	0%	0%
Renewables Consumed & Produced	394,394	394,394	328,933	-17%	-17%
Total Energy	**2,263,424**	**2,238,793**	**2,021,520**	**-11%**	**-10%**

EMISSIONS PERFORMANCE

Regional Shopping Centers	Absolute 2018		Like for Like 2018		Like for Like 2019		Absolute Change (%)	Like for Like Change (%)
Covered Area (SF)	29,631,374		28,665,165		29,066,625			
Emissions	Consumption (GJ)	Emissions (MTCO$_2$e)	Consumption (GJ)	Emissions (MTCO$_2$e)	Consumption (GJ)	Emissions (MTCO$_2$e)		
Scope 1	355,455	17,996	355,455	17,996	320,256	16,746	-7%	-7%
Scope 2	304,715	46,370	298,064	45,358	291,256	42,769	-8%	-6%
Scope 3	1,163,676	142,628	1,145,696	140,424	1,037,149	126,258	-11%	-10%

Community/ Power Centers	Absolute 2018		Like for Like 2018		2019			
Covered Area (SF)	1,743,329		1,743,329		1,743,349		Absolute	Like for Like
Emissions	Consumption 2018 (GJ)	Emissions (MTCO$_2$e)	Consumption 2019 (GJ)	Emissions (MTCO$_2$e)	Consumption (GJ)	Emissions (MTCO$_2$e)	Change (%)	Change (%)
Scope 1	2,110	107	2,110	107	3,037	159	49%	49%
Scope 2	11,078	1,686	11,078	1,686	10,600	1,556	-8%	-8%
Scope 3	31,996	3,922	31,996	3,922	30,289	3,687	-6%	-6%

Whole Portfolio - Managed Assets	Absolute 2018		Like for Like 2018		2019			
Covered Area (SF)	31,374,703		30,408,494		30,809,974		Absolute	Like for Like
Emissions	Consumption (GJ)	Emissions (MTCO$_2$e)	Consumption (GJ)	Emissions (MTCO$_2$e)	Consumption (GJ)	Emissions (MTCO$_2$e)	Change (%)	Change (%)
Scope 1	357,565	18,103	357,565	18,103	323,293	16,905	-7%	-7%
Scope 2	315,792	48,056	309,141	47,044	301,856	44,325	-8%	-6%
Scope 3	1,195,672	146,550	1,177,692	144,346	1,067,438	129,945	-11%	-10%

WATER WITHDRAWAL

2019	Low (<10%)	Low - Medium (10-20%)	Medium - High (20-40%)	High (40-80%)	Extremely High (>80%)	Total
Total Gross Floor Area (GFA)	7,845,912	1,803,588	3,034,967	4,293,039	13,832,468	30,809,974
• Regional Shopping Center (GFA)	7,308,669	1,803,588	2,766,925	3,834,503	13,352,940	29,066,625
• Community/Power Center (GFA)	537,243	0	268,042	458,536	479,528	1,743,349
% Portfolio By Baseline Water Stress Level	25%	6%	10%	14%	45%	100%
Total Water Withdrawn (1000 m³)	715	190	139	464	1,654	3,162
% Water Withdrawal By Baseline Water Stress Level	23%	6%	4%	15%	52%	
• Tenant Area (1000 m³)	468	151	97	254	1116	2087
• Common Area (1000 m³)	247	39	41	210	538	1075
• Regional Shopping Center (1000 m³)	710	190	138	394	1621	3052
• Community/Power Center (1000 m³)	5	0	1	70	33	109

Water Withdrawn By Portfolio Area and Property Subsector	2018	2019	Like for Like % Change
Water Withdrawn (1000 m³)	3,301	3,162	-4%
• Tenant Area (1000 m³)	2,174	2,087	-4%
• Common Area (1000 m³)	1,128	1,075	-5%
• Regional Shopping Center (1000 m³)	3,200	3,052	-5%
• Community/Power Center (1000 m³)	102	109	7%

SEPARATELY METERED AND SUB-METERED TENANTS

	Electric		Water	
	% Separately Metered Tenants	% Sub-metered Tenants	% Separately Metered Tenants	% Sub-metered Tenants
Regional Shopping Centers	46%	7%	47%	4%
• Community/Power Shopping Centers	59%	1%	59%	10%

GRI SUSTAINABILITY REPORTING STANDARDS INDEX

GRI Sustainability Reporting Standards (GRI Standards) provide guidance for communicating business impacts on sustainability issues such as climate change, human rights, governance and social well-being. This report has been prepared in accordance with the GRI: Core option. The table below references the material topics discussed in this Report and other corporate disclosures.

GRI STANDARD	DISCLOSURE		PAGE # OR REFERENCE
General Disclosures	102-1	Name of the organization	3
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General Disclosures	102-3	Location of headquarters	5
General Disclosures	102-4	Location of operations	5
General Disclosures	102-5	Ownership and legal form	5
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General Disclosures	102-10	Significant changes to the organization and its supply chain	2019 Form 10-K
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General Disclosures	102-14	Statement from senior decision-maker	4
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General Disclosures	102-18	Governance structure	11, 60, 2020 Proxy
General Disclosures	102-19	Delegating authority	11, 60
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General Disclosures	102-21	Consulting stakeholders on economic, environmental, and social topics	70
General Disclosures	102-22	Composition of the highest governance body and its committees	53, 2020 Proxy
General Disclosures	102-23	Chair of the highest governance body	53
General Disclosures	102-24	Nominating and selecting the highest governance body	2020 Proxy
General Disclosures	102-25	Conflicts of interest	55
General Disclosures	102-26	Role of highest governance body in setting purpose, values, and strategy	2020 Proxy
General Disclosures	102-27	Collective knowledge of highest governance body	11
General Disclosures	102-28	Evaluating the highest governance body's performance	2020 Proxy

General Disclosures	102-29	Identifying and managing economic, environmental, and social impacts	2020 Proxy
General Disclosures	102-30	Effectiveness of risk management processes	2020 Proxy
General Disclosures	102-31	Review of economic, environmental, and social topics	2020 Proxy
General Disclosures	102-32	Highest governance body's role in sustainability reporting	3
General Disclosures	102-33	Communicating critical concerns	56
General Disclosures	102-34	Nature and total number of critical concerns	56
General Disclosures	102-35	Remuneration policies	2020 Proxy
General Disclosures	102-38	Annual total compensation ratio	2020 Proxy
General Disclosures	102-39	Percentage increase in annual total compensation ratio	2020 Proxy
General Disclosures	102-40	List of stakeholder groups	70
General Disclosures	102-41	Collective bargaining agreements	41
General Disclosures	102-42	Identifying and selecting stakeholders	70
General Disclosures	102-43	Approach to stakeholder engagement	70
General Disclosures	102-44	Key topics and concerns raised	72
General Disclosures	102-45	Entities included in the consolidated financial statements	2019 Form 10-K
General Disclosures	102-46	Defining report content and topic Boundaries	72

Anti-competitive Behavior	206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	None
Water & Effluents	303-1	Interactions with water as a shared resource	19
Water & Effluents	303-2	Management of water discharge-related impacts	20
Water & Effluents	303-3	Water withdrawal	77
Water & Effluents	303-4	Water discharge	19
Water & Effluents	303-5	Water consumption	19
Biodiversity	304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	28
Biodiversity	304-2	Significant impacts of activities, products, and services on biodiversity	27
Biodiversity	304-3	Habitats protected or restored	28
Biodiversity	304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	28
Emissions	305-1	Direct (Scope 1) GHG emissions	75, 76
Emissions	305-2	Energy indirect (Scope 2) GHG emissions	75, 76
Emissions	305-3	Other indirect (Scope 3) GHG emissions	75, 76
Emissions	305-4	GHG emissions intensity	75, 76

Diversity & Equal Opportunity	405-1	Diversity of governance bodies and employees	41, 42, 2020 Proxy
Non-Discrimination	406-1	Incidents of discrimination and corrective actions taken	55
Security Practices	410-1	Security personnel trained in human rights policies or procedures	39-40
Local Communities	413-1	Operations with local community engagement, impact assessments, and development programs	33-38
Public Policy	415-1	Political contributions	54
Customer Health and Safety	416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	55
Socioeconomic Compliance	419-1	Non-compliance with laws and regulations in the social and economic area	55

SUSTAINABILITY ACCOUNTING STANDARDS BOARD

The Sustainability Accounting Standards Board (SASB) is an independent standards-setting organization that has developed a set of industry specific accounting standards to identify sustainability issues most likely to impact the operating performance or financial condition of a typical company in a given industry. The tables below reference the Standard for the Real Estate sector as defined by SASB's Sustainability Industry Classification System and identify how Macerich has addressed the SASB Accounting Metric and Activity Metrics in this Report and other corporate disclosures.

SUSTAINABILITY DISCLOSURE TOPICS & ACCOUNTING METRICS

TOPIC	ACCOUNTING METRIC	SASB CODE	PAGE # OR REFERENCE
Energy Management	Energy consumption data coverage as a percentage of total floor area, by property subsector	IR-RE-130a.1	74
Energy Management	(1) Total energy consumed by portfolio area with data coverage, (2) percentage grid electricity, and (3) percentage renewable, by property subsector	IF-RE-130a.2	74
Energy Management	Like-for-like percentage change in energy consumption for the portfolio area with data coverage, by property subsector	IF-RE-130a.3	74
Energy Management	Percentage of eligible portfolio that (1) has an energy rating and (2) is certified to ENERGY STAR, by property subsector	IF-RE-130a.4	Not Applicable for the Lifestyle Center or Enclosed Mall property types.

Energy Management	Description of how building energy management considerations are integrated into property investment analysis and operational strategy	IF-RE-130a.5	9-18, 58-69
Water Management	Water withdrawal data coverage as a percentage of (1) total floor area and (2) floor area in regions with High or Extremely High Baseline Water Stress, by property subsector	IF-RE-140a.1	77
Water Management	(1) Total water withdrawn by portfolio area with data coverage and (2) percentage in regions with High or Extremely High Baseline Water Stress, by property subsector	IF-RE-140a.2	77
Water Management	Like-for-like percentage change in water withdrawn for portfolio area with data coverage, by property subsector	IF-RE-140a.3	77
Water Management	Description of water management risks and discussion of strategies and practices to mitigate those risks	IF-RE-140a.4	9-11, 19-21, 58-69

Management of Tenant Sustainability Impacts	(1) Percentage of new leases that contain a cost recovery clause for resource efficiency-related capital improvements and (2) associated leased floor area, by property subsector	IF-RE-410a.1	Macerich leases are primarily built around a fixed CAM, which makes a recovery clause unnecessary as the landlord carries the risk for efficiency investments as well as rises or reductions in operating costs.
Management of Tenant Sustainability Impacts	Percentage of tenants that are separately metered or submetered for (1) grid electricity consumption and (2) water withdrawals, by property subsector	IF-RE-410a.2	78
Management of Tenant Sustainability Impacts	Discussion of approach to measuring, incentivizing, and improving sustainability impacts of tenants	IF-RE-410a.3	Macerich does promote Tenant efficiency and sustainability through our tenant sustainability handbook and will pass through potential incentives to tenants executing projects under our master meters.

Climate Change Adaptation	Area of properties located in 100-year flood zones, by property subsector	IF-RE-450a.1	Not yet publically reported.
Climate Change Adaptation	Description of climate change risk exposure analysis, degree of systematic portfolio exposure, and strategies for mitigating risks	IF-RE-450a.2	Not yet publically reported.

ACTIVITY METRIC	SASB CODE	REFERENCE
Number of assets, by property subsector	IF-RE-000.A	2019 Form 10-K
Leasable floor area, by property subsector	IF-RE-000.B	2019 Form 10-K
Percentage of indirectly managed assets, by property subsector	IF-RE-000.C	2019 Form 10-K
Average occupancy rate, by property subsector	IF-RE-000.D	2019 Form 10-K

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