

2021 GRI Content *Index*

The content of the 2021 Real Estate Sustainability Report was informed by the Global Reporting Initiative (GRI) Standards and the Sustainability Accounting Standards Board (SASB) Real Estate Standard. References to these standards are summarized in the tables below. Some content is also found on our [sustainability website](#) and is referenced below.

Disclosures	Title	Content applied	Content Location	Page
GENERAL				
Organizational Profile				
102-1	Name of the organization	Name of the organization	2021 Real Estate Sustainability Report	3
102-2	Activities, brands, products, and services	Description of the organizations activities	manulifeim.com/realestate/en/our-story	
102-3	Location of headquarters	Location of the organization's headquarters	2021 Real Estate Sustainability Report	16
102-13	Membership of associations	A list of the main memberships of industry or other associations	manulifeim.com/us/en/about-us	
Strategy				
102-14	Statement from senior decision-maker	Statement from the senior decision-maker of the organization	2021 Real Estate Sustainability Report	2
Governance				
102-18	Governance structure	Committees responsible for decision-making on economic, environmental, and social topics	2021 Real Estate Sustainability Report	8
Stakeholder Engagement				
102-40	List of stakeholder groups	Stakeholder groups engaged		
102-43	Approach to stakeholder engagement	Approach to stakeholder engagement	manulifeim.com/realestate/en/sustainability/people-and-communities	
102-44	Key topics and concerns raised	Key topics and concerns raised		
Reporting Practice				
102-50	Reporting period	Reporting period		
102-52	Reporting cycle	Reporting cycle	manulifeim.com/realestate/en/sustainability/governance	
TOPIC SPECIFIC				
Energy				
302-1	Energy consumption within the organization	Total energy consumption		
302-3	Energy intensity	Energy intensity	2021 Real Estate Sustainability Report	14
Water				
303-5	Water consumption	Total water consumption	2021 Real Estate Sustainability Report	14
Emissions				
305-1	Direct GHG emissions	Gross direct GHG emissions		
305-2	Energy indirect GHG emissions	Gross location-based energy indirect GHG emissions	2021 Real Estate Sustainability Report	15
305-4	GHG emissions intensity	GHG intensity ratio for organization		
Effluent and waste				
306-3	Waste generated	Total weight of waste Breakdown of total by composition	2021 Real Estate Sustainability Report	15

2021 SASB Content *Index*

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Disclosures	Title	Content applied	Content Location	Page																		
Energy Management																						
IF-RE-130a.2 (1)	Total energy consumed by portfolio area with data coverage	Total energy consumed by portfolio	2021 Real Estate Sustainability Report	14																		
IF-RE-130a.3	Like-for-like percentage change in energy consumption for the portfolio area with data coverage, by property subsector	Like-for-like percentage change in energy consumption for the portfolio																				
IF-RE-130a.4	Percentage of eligible portfolio that (1) has an energy rating and (2) is certified to ENERGY STAR, by property subsector		<table border="1"> <thead> <tr> <th>Subsector</th> <th>(1)</th> <th>(2)</th> </tr> </thead> <tbody> <tr> <td>Office</td> <td>87%</td> <td>37%</td> </tr> <tr> <td>Residential</td> <td>17%</td> <td>0%</td> </tr> <tr> <td>Retail</td> <td>19%</td> <td>0%</td> </tr> <tr> <td>Industrial</td> <td>39%</td> <td>0%</td> </tr> <tr> <td>Other</td> <td>59%</td> <td>59%</td> </tr> </tbody> </table>	Subsector	(1)	(2)	Office	87%	37%	Residential	17%	0%	Retail	19%	0%	Industrial	39%	0%	Other	59%	59%	
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Industrial	39%	0%																				
Other	59%	59%																				
IF-RE-130a.5	Description of how building energy management considerations are integrated into property investment analysis and operational strategy		2021 Real Estate Sustainability Report <i>Operations:</i> Our Sustainable Building Standards contain 2 Standards on energy to drive management and efficiency improvements at all properties <i>Investments:</i> Our Sustainability in Investment and Due Diligence tool summarizes property energy performance and systems to ensure this information is considered in the investment process	6																		
Water Management																						
IF-RE-140a.2 (1)	Total water withdrawn by portfolio area with data coverage	Total water withdrawn by portfolio	2021 Real Estate Sustainability Report	14																		
IF-RE-140a.3	Like-for-like percentage change in water withdrawn for portfolio area with data coverage, by property subsector	Like-for-like percentage change in water withdrawn for portfolio																				
Climate Change Adaptation																						
IF-RE-450a.1	Area of properties located in 100-year flood zones, by property subsector		<table border="1"> <thead> <tr> <th>Subsector</th> <th>Count</th> <th>Area (sf)</th> </tr> </thead> <tbody> <tr> <td>Office</td> <td>19</td> <td>3,902,586</td> </tr> <tr> <td>Residential</td> <td>3</td> <td>1,072,384</td> </tr> <tr> <td>Retail</td> <td>2</td> <td>481,191</td> </tr> <tr> <td>Industrial</td> <td>2</td> <td>878,023</td> </tr> <tr> <td>Other</td> <td>1</td> <td>511,819</td> </tr> </tbody> </table>	Subsector	Count	Area (sf)	Office	19	3,902,586	Residential	3	1,072,384	Retail	2	481,191	Industrial	2	878,023	Other	1	511,819	
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IF-RE-450a.2	Description of climate change risk exposure analysis, degree of systematic portfolio exposure, and strategies for mitigating risks		Manulife Investment Management Climate Change Statement																			