

2022 GRI Content *Index*

The content of the 2022 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	2022 Real Estate Sustainability Report	18
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	2022 Real Estate Sustainability Report	18
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	2022 Real Estate Sustainability Report	2
Governance				
102-18	Governance structure	Committees responsible for decision-making on economic, environmental, and social topics	manulifeim.com/realestate/en/sustainability/governance 2021 Real estate climate disclosure	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	2022 Real Estate Sustainability Report	15
302-3	Energy intensity	Energy intensity		
Water				
303-5	Water consumption	Total water consumption	2022 Real Estate Sustainability Report	15
Emissions				
305-1	Direct GHG emissions	Gross direct GHG emissions		
305-2	Energy indirect GHG emissions	Gross location-based energy indirect GHG emissions	2022 Real Estate Sustainability Report	16
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	2022 Real Estate Sustainability Report	16

2022 SASB Content *Index*

The content of the 2022 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																		
Energy Management																						
IF-RE-130a.2 (1)	Total energy consumed by portfolio area with data coverage	Total energy consumed by portfolio	2022 Real Estate Sustainability Report	15																		
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>86%</td> <td>35%</td> </tr> <tr> <td>Residential</td> <td>27%</td> <td>0%</td> </tr> <tr> <td>Retail</td> <td>39%</td> <td>0%</td> </tr> <tr> <td>Industrial</td> <td>34%</td> <td>0%</td> </tr> <tr> <td>Other</td> <td>0%</td> <td>0%</td> </tr> </tbody> </table>	Subsector	(1)	(2)	Office	86%	35%	Residential	27%	0%	Retail	39%	0%	Industrial	34%	0%	Other	0%	0%	
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Other	0%	0%																				
IF-RE-130a.5	Description of how building energy management considerations are integrated into property investment analysis and operational strategy		2022 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	7, 8																		
Water Management																						
IF-RE-140a.2 (1)	Total water withdrawn by portfolio area with data coverage	Total water withdrawn by portfolio	2022 Real Estate Sustainability Report	15																		
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>32</td> <td>7,740,291</td> </tr> <tr> <td>Residential</td> <td>5</td> <td>1,518,130</td> </tr> <tr> <td>Retail</td> <td>7</td> <td>1,165,830</td> </tr> <tr> <td>Industrial</td> <td>14</td> <td>5,109,525</td> </tr> <tr> <td>Other</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Subsector	Count	Area (sf)	Office	32	7,740,291	Residential	5	1,518,130	Retail	7	1,165,830	Industrial	14	5,109,525	Other	0	0	
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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		2021 Real estate climate disclosure	7-16																		