Ventas, Inc.

GRESB Real Estate Assessment 2016

DATE: 2 Jul 2016 12:22:11am Sat UTC
SUBMITTED: 2 Jul 2016 12:21:47am Sat UTC

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STAKEHOLDER ENGAGEMENT

NEW CONSTRUCTION AND MAJOR RENOVATIONS

SUPPLEMENTS

ASPECT CHECKLIST

There are no checklist items.

ENTITY AND REPORTING CHARACTERISTICS

Entity Characteristics

EC2

Nature of ownership

- (selected) Listed entity

  Please specify ISIN

  US92276F1003

  Year of commencement

  1987

- ( ) Non-listed entity

EC3

The reporting period is

- (selected) Calendar year
- ( ) Fiscal year

EC4

Is the organization a member of a real estate association?

- (selected) Yes (multiple answers possible)
  - [ ] Asian Association for Investors in Non-listed Real Estate Vehicles (ANREV)
  - [ ] Asia Pacific Real Estate Association (APREA)
  - [ ] British Property Federation (BPF)
  - [ ] European Public Real Estate Association (EPRA)
  - [ ] European Association for Investors in Non-Listed Real Estate Vehicles (INREV)
  - [ ] Vereniging van Institutionele Beleggers in Vastgoed, Nederland (IVBN)
  - [x] National Association of Real Estate Investment Trusts (NAREIT)
  - [ ] Pension Real Estate Association (PREA)
  - [ ] Real Property Association of Canada (REALpac)
- ( ) No

ENTITY AND REPORTING CHARACTERISTICS

Reporting Characteristics

RC1

Values are reported in

United States Dollar USD

RC2

What was the gross asset value (GAV) of the entity at the end of the reporting period?

23.723

RC3

Metrics are reported in

- ○ m2
- ◉ sq. ft.

RC4

What is the entity's core business?

- ◉ Management of standing investments
  - ○ Management of standing investments only
  - ◉ Management of standing investments and new construction and major renovation projects
- ○ Development of new construction and major renovation projects

Standing Investments

RC5.1

Describe the composition of the entity's portfolio during the reporting period:

			Floor Area			
Property Type	% of GAV	Number of Assets	ft^2	Floor Area Type	Units	% Indirectly Managed Assets
Retail, High Street				-		
Retail, Shopping Center				-		
Retail, Warehouse				-		
Office				-		
Industrial, Distribution Warehouse				-		
Industrial, Business Parks				-		
Industrial, Manufacturing				-		
Residential, Multi-family				-		
Residential, Family Homes				-		
Residential, Senior Homes	59.7	786	54522272	Floor Area	69930	100
Residential, Student Housing				-		
Hotel				-		
Healthcare	19.3	128	6771599	Floor Area	12170	100
Medical Office	21	369	20528514	Floor Area	369	27
Leisure				-		
Data Centers				-		
Self-storage				-		
Parking (indoors)				-		
				-		
				-		
Totals:	100	1,283	81,822,385			

Note: The table above defines the scope of your 2016 GRESB submission and should include the total portfolio

Provide additional context for the reporting boundaries (maximum 250 words)

The Residential, Senior Homes property type consists of 786 Seniors Housing communities used for the purpose of housing seniors, otherwise known as assisted living homes or retirement homes/apartments, including the Seniors Housing Operating Portfolio (SHOP) and Net Leased Portfolio (NNN) where Ventas does not have full operational control. We are able to provide total assets, total square footage and unit counts in the Residential, Senior Homes property category for the GRESB report.

The Healthcare property type consists of 128 assets used for the purpose of primary healthcare, including specialty hospitals, acute care hospitals, skilled nursing facilities and international hospitals where Ventas does not have full operational control. We are able to provide total assets, total square footage and unit counts in the Healthcare property category for the GRESB report.

The Medical Office property type consists of 369 Medical Office Buildings (MOBs) where Ventas directly manages a portion of the assets and has operational control in the day-to-day use of roughly 73% of these buildings. The remaining 27% of the MOB assets are held in a JV structure where our partner directly manages the assets; we do not have operational control or the ability to introduce and implement operating and/or environmental policies and measures. This category does not report units, only square footage (hence Units = Number of Assets in the table above).

RC6

Which countries are included in the entity's portfolio?

Country	% of GAV
United States	95
Canada	4
United Kingdom	1
Total % GAV	100

ENTITY AND REPORTING CHARACTERISTICS

New Construction & Major Renovations

RC-NC1.1

Describe the composition of the entity's new construction projects during the reporting period:

	In progress at the end of reporting period			Completed during reporting period		
Property Type	Number of Assets	Gross Floor Area	GAV* in millions	Number of Assets	Gross Floor Area	GAV* in millions
Retail, High Street						
Retail, Shopping Center						
Retail, Warehouse						
Office						
Industrial, Distribution Warehouse						
Industrial, Business Parks						
Industrial, Manufacturing						
Residential, Multi-family						
Residential, Family Homes						
Residential, Senior Homes	3	651000	196774718	1	34000	10105146
Residential, Student Housing						
Hotel						
Healthcare						
Medical Office				1	232552	166400000
Leisure						
Data Centers						
Self-storage						
Parking (indoors)						

* GAV either according to fair value or based on construction costs

Provide additional context for the reporting boundaries on new construction projects (maximum 250 words)

RC-NC2.1

Describe the composition of the entity's major renovation projects during the reporting period:

	In progress at the end of reporting period			Completed during reporting period		
Property Type	Number of Assets	Gross Floor Area	GAV* in millions	Number of Assets	Gross Floor Area	GAV* in millions
Retail, High Street						
Retail, Shopping Center						
Retail, Warehouse						
Office						
Industrial, Distribution Warehouse						
Industrial, Business Parks						
Industrial, Manufacturing						
Residential, Multi-family						
Residential, Family Homes						
Residential, Senior Homes	13	1665910	132927951	12	1023439	111330883
Residential, Student Housing						
Hotel						
Healthcare						
Medical Office						
Leisure						
Data Centers						
Self-storage						
Parking (indoors)						

* GAV either according to fair value or based on construction costs

Provide additional context for the reporting boundaries on major renovation projects (maximum 250 words)

RC-NC3

Which countries are included in the entity's portfolio of new construction and major renovation projects?

Country	% of GAV
United States	100
Total % GAV	100

MANAGEMENT

Sustainability Objectives

1

Does the entity have specific sustainability objectives?

- (●) Yes

  The objectives relate to (multiple answers possible)

  - [x] General sustainability
  - [x] Environment
  - [x] Social
  - [x] Governance

  The objectives are (select one)

  - (●) Fully integrated into the overall business strategy
  - ( ) Partially integrated into the overall business strategy
  - ( ) Not integrated into the overall business strategy

  The objectives are

  - (●) Publicly available
    - (●) Online - hyperlink

      Hyperlink http://www.ventasreit.com/corporate-responsibility/sustainability

    - ( ) Offline - separate document

    Communicate the objectives (maximum 250 words)

    Ventas believes a strong, independent Board, commitment to sustainability and platform for charitable giving are smart business practices, essential to delivering results. We are committed to maintaining corporate governance practices that are in the best interests of stockholders. We believe our practices and policies should promote fairness, alignment, accountability of management, transparency, risk management and delivery of consistent, superior returns.

    We follow many best governance practices; our dedication to our stockholders goes beyond rules-based compliance. Our approach is embedded in our culture; it is also borne out by our performance, employee relationships, investors, business partners, and external recognition.

    Ventas' commitment to sustainability is a key corporate value; as a leading owner of healthcare real estate, we support and apply measurable sustainability practices and standards. Sustainability is good for the environment and our business – creating economic efficiencies, while preserving and protecting the planet. Sustainability provides opportunities to invest in our portfolio, improve our emissions footprint, reduce consumption, improve operating metrics, and expand our ENERGY STAR and LEED certifications.

    Ventas has set short- and long-term (10-year) reduction targets for electricity, gas, water, and waste; progress against these targets are measured annually. Ventas is focused on maintaining and improving our leadership position in ESG disclosures, performance, and reducing any risks from bribery and corruption.

    Charitable giving is an important value; we believe we have a responsibility to improve the lives of others. Through the Ventas Charitable Foundation, we contribute to local and national organizations that are important to our employees and customers.

  - ( ) Not publicly available

- ( ) No

2

Does the organization have one or more persons responsible for implementing the sustainability objectives at entity level? (multiple answers possible)

- (●) Yes
  - [ ] Dedicated employee(s) for whom sustainability is the core responsibility
  - [x] Employee(s) for whom sustainability is among their responsibilities

    Provide the details for the most senior of these employees

    Name
    Debra A. Cafaro
    Job title
    Chairman of the Board and Chief Executive Officer
    E-mail
    dcafaro@ventasreit.com
    LinkedIn profile (optional)

  - [x] External consultants/manager

    Name of the organization
    Fellon McCord

    Add a service provider
    Name of main contact
    Steven Longhurst
    Job title
    Strategic Lead / Data Analytics & Business Systems - North America
    E-mail
    SLonghurst@fellonmccord.com
    LinkedIn profile (optional)
    https://www.linkedin.com/in/stevelonghurst?authType=NAME_SEARCH&authToken=CoqO&locale=en_US&trk=tyah&trkInfo=clickedVertical%3Amynetwork%2CclickedEntityId%

  - [ ] Other
- ( ) No

MANAGEMENT

Sustainability Decision-Making

3

Does the organization have a sustainability taskforce or committee that is applicable to the entity?

- (●) Yes

  Select the members of this taskforce or committee (multiple answers possible)

  - [x] Asset managers
  - [x] Board of Directors
  - [x] External consultants

    Name of the organization
    Fellon McCord

Add a service provider

- [x] Fund/portfolio managers
- [x] Property managers
- [x] Senior Management Team
- [x] Other

Other selected. Please describe

Legal, Acquisition, Marketing team members

- ( ) No

4

Does the entity have a senior decision-maker dedicated to sustainability?

- (•) Yes

The individual is part of

- (•) Board of Directors

Provide the details for the most senior decision-maker on sustainability issues

Name

Debra A. Cafaro

Job title

Chairman of the Board and Chief Executive Officer

E-mail

dcafaro@ventasreit.com

LinkedIn profile (optional)

- ( ) Fund/portfolio managers
- ( ) Investment Committee
- ( ) Senior Management Team
- ( ) Other

- ( ) No

5

Does the entity have a formal process to inform the most senior decision-maker on sustainability performance of the entity?

- (x) Yes

  Describe the process (maximum 250 words)

  Our method of informing the most senior level decision maker, Ms. Debra A. Cafaro, Chairman and CEO of Ventas, of sustainability efforts, is via email memorandum and distribution of Sustainability Committee meeting minutes. Ms. Cafaro is the Chair of the Sustainability Committee, which includes senior leaders from different functional areas and oversees improvements to our environmental footprint and the energy efficiency efforts that are taking place company-wide. Included in the monthly email memorandum and meeting minutes are updates on the performance of any new sustainability projects within the Ventas portfolio and discussions of performance against our short-, medium- and long-term consumption objectives. The Sustainability Committee actively monitors all adverse developments related to sustainability efforts and communicates with legal, acquisitions, and asset and risk management teams, as well as consolidating and improving our awareness, information collection and disclosure regarding environmental matters. Ventas also reviews the sustainability characteristics of our portfolio as part of our quarterly earnings reporting, in our annual report, ad hoc reporting updates, tracking of long-term targets, presentations and materials for the Board of Directors and various shareholder interactions. A major focus of these reports includes disclosing the total number of ENERGY STAR and LEED properties in the Ventas portfolio.

- ( ) No
- ( ) Not applicable

6

Does the organization include sustainability factors in the annual performance targets of the employees responsible for this entity?

- (x) Yes

  Select the employees to whom these factors apply (multiple answers possible)

  - [x] Acquisitions team
  - [ ] All employees
  - [x] Asset managers
  - [x] Board of Directors
  - [x] Client services team
  - [x] Fund/portfolio managers
  - [x] Property managers
  - [x] Senior Management Team
  - [ ] Other

- ( ) No

POLICY AND DISCLOSURE

Sustainability Disclosure

7.1

Does the organization disclose its sustainability performance?

(x) Yes (multiple answers possible)

[x] Section in Annual Report

Upload supporting evidence
ventas-2015-annual-report.pdf
Indicate where the relevant information can be found
Page 14

Select the applicable reporting level

(x) Entity

( ) Investment manager

( ) Group

Aligned with Other

Other selected. Please describe:
The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))

[x] Stand-alone sustainability report(s)

Upload supporting evidence
vtr-sustainability-21hr (1).pdf
Indicate where the relevant information can be found
Pages 1 & 2

Select the applicable reporting level

(x) Entity

( ) Investment manager

( ) Group

Aligned with Other

Other selected. Please describe:
The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))

[ ] Integrated Report

[x] Dedicated section on the corporate website

Provide the applicable hyperlink http://www.ventasreit.com/corporate-responsibility/sustainability

Select the applicable reporting level

(x) Entity

( ) Investment manager

( ) Group

☑ Section in entity reporting to investors

Upload supporting evidence
Supplemental-final-Sustainability.pdf
OR
Document name AND
Quarterly Supplemental Excerpts & Corporate Presentations
Publication date
Various
Indicate where the relevant information can be found
Corporate Website
Aligned with Other

Other selected. Please describe:
The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))

☑ Other

Other selected. Please describe
VTR Investor presentation pages
Upload supporting evidence
VTR Investor presentation.pdf
Indicate where the relevant information can be found
Corporate Website

Select the applicable reporting level

◉ Entity

○ Investment manager

○ Group

Aligned with Other

Other selected. Please describe:
The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))

○ No

7.2

Is the organization's sustainability disclosure reviewed by an independent third party?

◉ Yes

Select all applicable options (multiple answers possible, selections must match selections in Q7.1)

☑ Section in Annual Report

○ Externally checked by

◉ Externally verified by

Capturis

Add a service provider
using The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))

○ Externally assured by

- [x] Stand-alone sustainability report
  - ( ) Externally checked by
  - (•) Externally verified by

    Capturis

    Add a service provider
    using The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))
  - ( ) Externally assured by
- [ ] Integrated Report
- [x] Section in entity reporting to investors
  - ( ) Externally checked by
  - (•) Externally verified by

    Capturis

    Add a service provider
    using The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))
  - ( ) Externally assured by
- [x] Other

  Other selected. Please describe
  Quarterly earnings supplemental materials
  - ( ) Externally checked by
  - (•) Externally verified by

    Capturis

    Add a service provider
    using The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))
  - ( ) Externally assured by

( ) No

( ) Not applicable

POLICY AND DISCLOSURE

ESG Policies

8

Does the organization have a policy/policies in place, applicable to the entity level, that address(es) environmental issues?

- (x) Yes

Select all environmental issues included (multiple answers possible)

- [x] Biodiversity and habitat
- [x] Building safety
- [x] Climate/climate change adaptation
- [x] Energy consumption/management
- [x] Environmental attributes of building materials
- [x] GHG emissions/management
- [x] Resilience
- [x] Waste management
- [x] Water consumption/management
- [ ] Other

Upload supporting evidence
Environmental Policies - Green Team News Letters.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found
Full File

- ( ) No

9

Does the organization have a policy/policies in place, applicable to the entity level, that address(es) governance issues?

- (x) Yes

Select all governance issues included (multiple answers possible)

- [x] Bribery and corruption
- [ ] Child labor
- [x] Diversity and equal opportunity
- [x] Executive compensation

- [ ] Forced or compulsory labor
- [x] Labor-management relationships
- [x] Shareholder rights
- [x] Worker rights
- [ ] Other

Upload supporting evidence
Code of Ethics, Proxy, Certificate of Incorporation, Bylaws.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found
Throughout

- ( ) No

10

Does the organization have a stakeholder engagement policy in place that applies to the entity?

- (●) Yes

Select all stakeholders included (multiple answers possible)

- [x] Asset/Property Managers (external)
- [x] Consumers
- [x] Community
- [x] Employees
- [x] Government/local authorities
- [x] Investment partners
- [x] Investors/shareholders
- [x] Supply chain
- [x] Tenants/occupiers
- [ ] Other

Upload supporting evidence
GRNTM_Proxy CorpGov GLBLCOMP ANL RPT.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found
Throughout

- ( ) No

11

Does the organization have an employee policy in place that applies to the employees responsible for this entity?

- (●) Yes

Select all issues included (multiple answers possible)

- [x] Cyber security
- [x] Diversity and equal opportunity
- [x] Health, safety & well-being
- [x] Performance and career development
- [x] Remuneration
- [ ] Other

Upload supporting evidence
Employee Policies - Diversity, Remuneration, Performance & Career Development, Health & Safety, Cyber Security.pdf
OR
Document name AND

Employee Handbook, Cyber Security & Remuneration

Publication date

January 1, 2016

Indicate where the relevant information can be found

Throughout

○ No

RISKS AND OPPORTUNITIES

Governance

12

Does the organization have systems and procedures in place to facilitate effective implementation of the governance policy/policies in Q9? (refer to Q9 Policy & Disclosure Aspect)

◉ Yes

Select all applicable options (multiple answers possible)

- [x] Investment due diligence process
- [x] Training on governance-related risks for employees (multiple answers possible)
  - [x] Regular follow-ups
  - [x] When an employee joins the organization
- [x] Whistle-blower mechanism
- [ ] Other

Upload supporting evidence
global_code_of_ethics_and_business_conduct-effective_032216.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found in the evidence

Throughout

○ No

○ Not applicable

13

Did the entity perform entity-level governance risk assessments within the last three years?

◉ Yes

Select all issues included (multiple answers possible)

- [x] Bribery and corruption

- [ ] Child labor
- [x] Diversity and equal opportunity
- [x] Executive compensation
- [ ] Forced or compulsory labor
- [x] Labor-management relationships
- [x] Shareholder rights
- [x] Worker rights
- [ ] Other

Describe how the outcomes of the governance risk assessments are used in order to mitigate the selected risks process (maximum 250 words)

Ventas management has primary responsibility for identifying and managing our exposure to risk, subject to active oversight by the Ventas Board of Directors of the processes we establish to assess, monitor and mitigate that exposure. In addition, our Internal Audit Services function provides an independent and objective assurance activity designed to add value and improve Ventas' operations. It helps Ventas accomplish its objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of risk management, control and governance processes. Internal Audit Services also evaluates oversight and monitoring processes for Ventas third party operators' performance. Internal Audit Services reports directly to the Audit Committee of the Board of Directors.

Provide a document which explains the governance risk assessments as well as the response to mitigate the outcomes of the assessments

Upload supporting evidence
Global Code of Ethics, Proxy Statement.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found
Throughout

- ( ) No

14

Is the organization involved in any legal cases regarding corrupt practices?

- ( ) Yes
- (•) No

RISKS AND OPPORTUNITIES

Risk Assessments

15.1

Does the entity perform environmental and/or social risk assessments as a standard part of its due diligence process for new acquisitions?

- (•) Yes

Select all issues included (multiple answers possible)

- [x] Building safety and materials
- [x] Climate change adaptation

- [x] Contamination
- [x] Energy efficiency
- [x] Energy supply
- [x] Flooding
- [x] GHG emissions
- [x] Health, safety and well-being
- [x] Indoor environmental quality
- [x] Natural hazards
- [x] Regulatory
- [x] Resilience
- [x] Socio-economic
- [x] Transportation
- [x] Water efficiency
- [x] Waste management
- [x] Water supply
- [ ] Other

Upload supporting evidence
VTR - Environmental Considerations Acquisitions 2015.pdf
Indicate where the relevant information can be found
Page 1

- ( ) No
- ( ) Not applicable

15.2

Has the entity performed environmental and/or social risk assessments of its standing investments during the last three years?

- (•) Yes

Select all issues included (multiple answers possible)

- [x] Building safety and materials
- [x] Climate change adaptation
- [x] Contamination
- [x] Energy efficiency
- [x] Energy supply

- [x] Flooding
- [x] GHG emissions
- [x] Health, safety and well-being
- [x] Indoor environmental quality
- [x] Natural hazards
- [x] Regulatory
- [x] Resilience
- [x] Socio-economic
- [x] Transportation
- [x] Water efficiency
- [x] Waste management
- [x] Water supply
- [ ] Other

Describe how the outcomes of the sustainability risk assessments are used in order to mitigate the selected risks (maximum 250 words)

Ventas annually identifies and assesses various risk exposure items related to sustainability and climate change with the assistance of our third-party energy partners and engineers by evaluating property and portfolio consumption and spending to identify performance outliers. This assessment includes i) type of potential impact (increased operational cost, increased capital expenditure expenses, reduction in demand for product or services) ii) time-frame, iii) magnitude and estimated financial implications, iv) management method and v) cost of management.

To mitigate these risks, we work with our consultants to gain efficiencies in usage and purchasing, create better budgets for utility spending and consumption and identify investment opportunities in sustainable projects.

On an asset level, Ventas requires that property condition reports and Phase I environmental surveys be provided for each of our individual properties prior to acquisition and on a recurring cycle as part of the risk management process. This is to ensure that known condition deficiencies and updates to flood, seismic and other surveys are identified and addressed in a timely manner. When these reports identify risks, we proactively implement solutions to mitigate risks, such as adding seismic gas shutoff valves in high-risk areas or evaluating moving critical building infrastructure (switchgear, generators) to higher elevations. In addition, property condition inspections are performed by a leading property loss control engineering insurer. Recommendations for property improvements are prioritized by the insurer and presented to and reviewed by the Ventas asset management team.

Upload supporting evidence
Sustainability Policy & Monthly Green Team Newsletters.pdf
Indicate where the relevant information can be found

Throughout

- ( ) No
- ( ) Not applicable

RISKS AND OPPORTUNITIES

Technical Building Assessments

16

Has the entity performed technical building assessments during the last four years to identify efficiency opportunities within the portfolio?

- (selected) Yes

Select applicable options (multiple answers possible)

- [x] Energy Efficiency
  - [ ] In-house assessment
  - [x] External assessment

    Name of the organization

    Fellon McCord

    Add a service provider

    - ( ) >0%, <25% of the portfolio covered
    - (selected) ≥25%, <50% of the portfolio covered
    - ( ) ≥50%, <75% of the portfolio covered
    - ( ) ≥75%, ≤100% of the portfolio covered

  Upload supporting evidence

  Ventas-Scope.pdf

  Indicate where the relevant information can be found

  Pages 1-6

- [x] Water Efficiency
  - [x] In-house assessment
    - ( ) >0%, <25% of the portfolio covered
    - (selected) ≥25%, <50% of the portfolio covered
    - ( ) ≥50%, <75% of the portfolio covered
    - ( ) ≥75%, ≤100% of the portfolio covered
  - [ ] External assessment

  Upload supporting evidence

  Lillibridge Green Team Newsletter - Apr 2015.pdf

  OR

  Document name AND

  LHS Water Watcher Program

  Publication date

  January 1, 2015

  Indicate where the relevant information can be found

  Throughout

- [x] Waste Management
  - [ ] In-house assessment
  - [x] External assessment

    Name of the organization

    Fellon McCord

    Add a service provider

    - ( ) >0%, <25% of the portfolio covered
    - (•) ≥25%, <50% of the portfolio covered
    - ( ) ≥50%, <75% of the portfolio covered
    - ( ) ≥75%, ≤100% of the portfolio covered

  Upload supporting evidence
  Ventas-Scope.pdf
  OR
  Document name AND
  LHS Waste Watcher Projgram
  Publication date
  January 1, 2015
  Indicate where the relevant information can be found
  Throughout

- [ ] Health and Wellness

( ) No

RISKS AND OPPORTUNITIES

Efficiency Measures

17

Has the entity implemented measures during the last four years to improve the energy efficiency of the portfolio?

◉ Yes

Describe the measures using the table below.

Category	Measure	% portfolio covered during the last 4 years	% whole portfolio covered	Estimated savings (MWh) (optional)	Target ROI (%) (optional)	Describe implemented measure (measure, payback period, property type, scope, link to Q1 objectives and Q28 targets) (maximum 150 words)	Innovation Case Study
Systems commissioning or retro-commissioning	Systems commiss	≥25%, <50%	≥25%, <50%	626267	26	Medical Office Building and Seniors Housing	Add
Building automation system upgrades/ replacements	BAS upgrades	≥25%, <50%	≥25%, <50%	2509541	24	Medical Office Building and Seniors Housing	Add
Building energy management systems upgrades/replacements	Building energy m	≥25%, <50%	≥25%, <50%	1218546	26	Medical Office Building and Seniors Housing	Add
Wall/roof insulation	New roofs, seal co	≥25%, <50%	≥25%, <50%	3969512	4.9	Medical Office Building and Seniors Housing	Add
Smart grid/smart building technologies	Motion sensors to	≥25%, <50%	≥25%, <50%	86142	60.4	Medical Office Building and Seniors Housing	Add
Window replacements	Double pane wind	≥25%, <50%	≥25%, <50%	501755	3.2	Medical Office Building and Seniors Housing	Add
Installation of high-efficiency equipment and appliances	Energy efficient ap	≥25%, <50%	≥25%, <50%	36899638	18.8	Medical Office Building and Seniors Housing	Add
Installation of on-site renewable energy	Solar Panels	≥25%, <50%	≥25%, <50%	259389	2.5	Medical Office Building and Seniors Housing	Add

○ No

○ Not applicable

RISKS AND OPPORTUNITIES

Water efficiency

18

Has the entity implemented measures during the last four years to improve the water efficiency of the portfolio?

◉ Yes

Describe the measures using the table below.

Category	Measure	% portfolio covered during the last 4 years	% whole portfolio covered	Estimated savings (m³) (optional)	Target ROI (%) (optional)	Describe implemented measure (measure, payback period, property type, scope, link to Q1 objectives and Q28 targets) (maximum 150 words)	Innovation Case Study
Cooling tower water management	Increasing efficien	0%, <25%	0%, <25%	4920	13.3	Increasing efficiency of cooling tower and replacing when necessary	Add
Drip/smart irrigation	Water studies, dri	≥25%, <50%	≥25%, <50%	201195	350	Smart irrigation systems are being researched and installed at both	Add
High-efficiency/dry fixtures	Low flow toilets, e	≥25%, <50%	≥25%, <50%	277110	13.3	Both Medical Office Buildings and Seniors Housing properties are ir	Add

○ No

○ Not applicable

RISKS AND OPPORTUNITIES

Waste management

19

Has the entity implemented measures during the last four years to improve the waste efficiency of the portfolio?

◉ Yes

Describe the measures using the table below.

Category	Measure	% portfolio covered during the last 4 years	% whole portfolio covered	Estimated savings (tonnes) (optional)	Target ROI (%) (optional)	Describe implemented measure (measure, payback period, property type, scope, link to Q1 objectives and Q28 targets) (maximum 150 words)	Innovation Case Study
Recycling program	Recycling program	≥25%, <50%	≥25%, <50%	3895	153	Recycling and waste management programs are being implemented	Add

○ No

○ Not applicable

RISKS AND OPPORTUNITIES

Environmental Fines & Penalties

20.0

Has the entity received any environmental fines and/or penalties?

- ○ Yes
- ◉ No

MONITORING AND EMS

Environmental Management Systems

21.1

Does the organization have an Environmental Management System (EMS) that applies to the entity level?

- ◉ Yes

  Upload supporting evidence
  Sustainability Policy & Monthly Green Team Newsletters.pdf
  Indicate where the relevant information can be found
  Pages 1-6

- ○ No

21.2

Is the Environmental Management System (EMS) in Q21.1 aligned with a standard and/or verified or certified by an independent third party?

- ◉ Yes
  - ○ Aligned with
  - ◉ Externally certified by

    Capturis

    Add a service provider
    using
    SOC-1 Type II

  Upload supporting evidence
  NISC 9-2013 Utility Bill Pay SOC 1 Type II Issued Report.pdf
  Indicate where the relevant information can be found
  Throughout

- ○ No
- ○ Not applicable

MONITORING AND EMS

Data Management Systems

22.0

Does the organization have a data management system in place that applies to the entity level?

(●) Yes

Select one of the following

( ) Developed internally

( ) Bespoke internal system developed by a third party

(●) External system

Name of the system

dataPoint

Name of the organization

Capturis

Add a service provider

Select the aspects included (multiple answers possible)

[x] Energy consumption

Percentage of portfolio covered ≥50%, <75%

[x] GHG emissions/management

Percentage of portfolio covered ≥50%, <75%

[x] Health and well-being

Percentage of portfolio covered ≥50%, <75%

[x] Indoor environmental quality

Percentage of portfolio covered ≥50%, <75%

[x] Resilience

Percentage of portfolio covered ≥50%, <75%

[x] Waste streams/management

Percentage of portfolio covered ≥25%, <50%

[x] Water

Percentage of portfolio covered ≥50%, <75%

[ ] Other

Upload supporting evidence

Data Management Program.pdf

Indicate where the relevant information can be found

Pages 1-3

( ) No

MONITORING AND EMS

Monitoring Consumption

23.0

Does the entity monitor the energy consumption of the portfolio?

- (x) Yes

  Percentage of whole portfolio covered by floor area

  71.3

  Type of monitoring: (multiple answers possible)

  - [ ] Automatic meter readings
  - [x] Based on invoices

    Percentage of the whole portfolio covered by floor area

    71.3

  - [ ] Manual-visual readings
  - [ ] Provided by the tenant
  - [ ] Other
- ( ) No
- ( ) Not applicable

24.0

Does the entity monitor the water consumption of the portfolio?

- (x) Yes

  Percentage of whole portfolio covered by floor area

  71.3

  Type of monitoring: (multiple answers possible)

  - [ ] Automatic meter readings
  - [x] Based on invoices

    Percentage of the whole portfolio covered by floor area

    71.3

  - [ ] Manual-visual readings
  - [ ] Provided by the tenant
  - [ ] Other
- ( ) No
- ( ) Not applicable

Residential, Senior Homes › Energy Consumption

Q25.0

Does the entity collect energy consumption data for Residential, Senior Homes?

- (●) Yes
- ( ) No

Q25.1

Energy Consumption for Residential, Senior Homes

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Residential, Senior Homes should be included.**

To make sure you insert data in the correct section of the table, check the definition of "Managed Assets" and "Indirectly Managed Assets".

Only use Whole Building if no breakdown of data is possible between Base Building and Tenant Space. Additionally, if consumption cannot be separated between Common Areas and Shared Services/ Central Plant, provide both in Shared Services/Central Plant.

	Managed Assets Base Building		Absolute Consumption					Like-for-Like Consumption		
			2014	2015				2014	2015	Like-for-Like Change
			Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
1	Common areas	Fuels					-			
2		District Heating & Cooling					-			
3		Electricity					-			
4	Shared services / central plant	Fuels					-			
5		District Heating & Cooling					-			
6		Electricity					-			
7	Outdoor/Exterior areas / Parking	Fuels			N/A	N/A	N/A			
8		Electricity			N/A	N/A	N/A			
9	Total energy consumption of Base Building		0	0	N/A	N/A	N/A	0	0	

	Managed Assets Tenant space		Absolute Consumption					Like-for-Like Consumption		
			2014	2015				2014	2015	Like-for-Like Change
			Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2 / units)	Maximum coverage (ft^2 / units)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
10	Purchased by landlord	Fuels					-			
11		District Heating & Cooling					-			
12		Electricity					-			
13	Purchased by tenant	Fuels					-			
14		District Heating & Cooling					-			

Q25.1 (continued)

		Absolute Consumption					Like-for-Like Consumption		
Managed Assets **Tenant space**		2014	2015				2014	2015	Like-for-Like Change
		Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2 / units)	Maximum coverage (ft^2 / units)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
15	Electricity					-			
16	Total energy consumption of Tenant Areas	0	0	N/A	N/A	N/A	0	0	

			Absolute Consumption					Like-for-Like Consumption		
Managed Assets **Whole building**			2014	2015				2014	2015	Like-for-Like Change
			Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
17	Combined consumption common areas + tenant space	Fuels					-			
18		District Heating & Cooling					-			
19		Electricity					-			
20	Total energy consumption of Whole Building		0	0	N/A	N/A	N/A	0	0	
21	Total energy consumption of Managed Assets		0	0	N/A	N/A	N/A	0	0	

			Absolute Consumption					Like-for-Like Consumption		
Indirectly Managed Assets **Whole building**			2014	2015				2014	2015	Like-for-Like Change
			Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
22	Tenant space	Fuels	340439	393367	36930169	54522272	Floor area	340439	321916	-5.44%
23		District Heating & Cooling					-			
24		Electricity	409068	454224	36930169	54522272	Floor area	409068	388482	-5.03%
25	Outdoor/Exterior areas / Parking	Fuels			N/A	N/A	N/A			
26		Electricity			N/A	N/A	N/A			
27	Total energy consumption of Indirectly Managed Assets		749,507	847,591	N/A	N/A	N/A	749,507	710,398	-5.22%
28	Total energy consumption of Whole Portfolio		749,507	847,591	N/A	N/A	N/A	749,507	710,398	-5.22%

Explain (a) assumptions made in reporting, (b) limitations in the ability to collect data and (c) exclusions from like-for-like portfolio (maximum 250 words)

(a) No assumptions were made in reporting. (b) Data was collected directly from commodity invoices and placed into professional energy management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate"). (c) For like-for-like reporting, Ventas only utilized data from facilities that were in the portfolio in both 2014 and 2015.

Does the entity report the average annual vacancy rate in the like-for-like portfolio for this property type?

- (selected) Yes

2014: 9.1

2015: 9.1

- No

- [x] The information above is correct and complete for all Residential, Senior Homes assets

Q25.2

Energy use intensity rates Residential, Senior Homes

Does the entity report energy use intensity?

- (selected) Yes

If optional base-line year data is provided, specify year of the data (choose one)

	Optional base-line year (include year)	2013	2014	2015
Energy use intensity		5.7991	5.2681	5.1691
% of portfolio covered		67.7	71.3	71.3

Select the elements for which intensities are normalized in your calculations.

- [x] Occupancy rate
- [ ] Footfall
- [ ] Operational hours
- [ ] Weather conditions
- [ ] Degree days
- [ ] Air conditioning and/or natural ventilation
- [ ] Building age
- [ ] Other
- [ ] None of the above

Explain (a) the Energy use intensity calculation method, (b) assumptions made in the calculation, and (c) how intensities are used by the entity in its operations (maximum 250 words)

(a) In determining the energy intensity, we first quantify the total energy consumption of the portfolio, including both electricity and fuel mWh. Next, we quantify the total number of days that any unit in the portfolio was occupied. This represents the utilization of our assets. Total energy consumption is then divided by occupied days to calculate an intensity factor. (b) No assumptions were made in the calculation. (c) Energy intensity is tracked as an indicator of building efficiency performance.

- No

Q25.3

Renewable energy generated Residential, Senior Homes

Does the entity collect renewable energy consumption and generation data in the whole portfolio for this property type?

- [x] Yes

Report absolute renewable energy generation and consumption. All assets in the portfolio for this property type should be included.

	Absolute measurement	
	2014	2015
On-site renewable energy (MWh generated and consumed on-site)	432.032	347.196
Off-site renewable energy (MWh generated off-site or purchased from third party)		
On-site renewable energy (MWh generated on-site and exported)		
Total renewable energy	432	347
Percentage renewable energy	0.1	0.1

- [ ] No

PERFORMANCE INDICATORS

Residential, Senior Homes › GHG Emissions

Q26.0

Does the entity collect GHG emissions data for Residential, Senior Homes?

- [x] Yes
- [ ] No

Q26.1

GHG Emissions for Residential, Senior Homes

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Residential, Senior Homes should be included.**

		Absolute GHG Emissions					Like-for-Like Consumption		
		2014	2015				2014	2015	Like-for-Like Change
		Emissions (tonnes)	Emissions (tonnes)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Emissions (tonnes)	Emissions (tonnes)	%
1	Scope 1	13536	13514	36930169	54522272	Floor area	12489	11853	-5.09%
2	Scope 2	173013	174350	36930169	54522272	Floor area	172056	165679	-3.71%
3	Scope 3 (optional)								
4	GHG Offsets purchased			N/A	N/A	N/A			
5	Net GHG Emissions after offsets			N/A	N/A	N/A			

Explain (a) the GHG emissions calculation standard/methodology/protocol, (b) used emission factors, (c) level of uncertainty in data accuracy, (d) exclusions from like-for-like portfolio, and (e) Scope 3 emissions, (f) source and characteristics of GHG emissions offsets (maximum 250 words)

(a) Ventas utilized the CCAR protocol in calculating the CO2 metric tonnes from the raw consumption data collected. (b) Emission factors applied were 0.45359 for electricity and 0. 0.05311 for natural gas. (c) Ventas estimates accuracy of 99% on consumption data and emissions reported, the data was collected from the raw source using established auditable protocol and quality control measures were applied after the fact to verify material compliance/accuracy. (d) Like-for-Like reporting included all facilities that were owned by Ventas in the portfolio for 2014 and 2015. No adjustments were made if facilities were only owned for part of the year. (e) No scope 3 emissions were incorporated. (f) Data was collected directly from commodity invoices and placed into professional energy management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate").

- [x] The information above is correct and complete for all Residential, Senior Homes assets

Q26.2

GHG emissions intensity rates Residential, Senior Homes

Does the entity report GHG emissions intensity?

- (●) Yes

If optional base-line year data is provided, specify year of the data (choose one)

	Optional base-line year (include year)	2013	2014	2015
GHG emissions intensity			1.297	1.292
% of portfolio covered			71.3	71.3

Select the elements for which intensities are normalized in your calculations.

- [x] Occupancy rate
- [ ] Footfall
- [ ] Operational hours
- [ ] Weather conditions
- [ ] Degree days
- [ ] Air conditioning and/or natural ventilation
- [ ] Building age
- [ ] Other
- [ ] None of the above

Explain (a) the GHG emissions intensity calculation method, (b) assumptions made in the calculation, and (c) how intensities are used by the entity in its operations (maximum 250 words)

(a) In determining the emissions intensity, we first quantify the total emissions of the portfolio, including both electricity and fuel mWh. Next, we quantify the total number of days that any unit in the portfolio was occupied. This represents the utilization of our assets. Total emissions are then divided by occupied days to calculate an intensity factor. (b) No assumptions were made in the calculation. (c) Emissions intensity is tracked as an indicator of building efficiency performance.

- ( ) No

PERFORMANCE INDICATORS

Residential, Senior Homes › Water Use

Q27.0

Does the entity collect water use data for Residential, Senior Homes?

- ○ Yes
- ◉ No

PERFORMANCE INDICATORS

Residential, Senior Homes › Waste Management

Q28.0

Does the entity collect waste management data for Residential, Senior Homes?

- ○ Yes
- ◉ No

PERFORMANCE INDICATORS

Healthcare › Energy Consumption

Q25.0

Does the entity collect energy consumption data for Healthcare?

- ◉ Yes
- ○ No

Q25.1

Energy Consumption for Healthcare

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Healthcare should be included.**

To make sure you insert data in the correct section of the table, check the definition of "Managed Assets" and "Indirectly Managed Assets".

Only use Whole Building if no breakdown of data is possible between Base Building and Tenant Space. Additionally, if consumption cannot be separated between Common Areas and Shared Services/ Central Plant, provide both in Shared Services/Central Plant.

	Managed Assets **Base Building**		Absolute Consumption					Like-for-Like Consumption		
			2014	2015				2014	2015	Like-for-Like Change
			Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
1	Common areas	Fuels					-			
2		District Heating & Cooling					-			
3		Electricity					-			
4	Shared services / central plant	Fuels					-			

Q25.1 (continued)

Managed Assets
Base Building

#			Absolute Consumption 2014 Consumption (MWh)	Absolute Consumption 2015 Consumption (MWh)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	Like-for-Like Consumption 2015 Consumption (MWh)	Like-for-Like Change %
5		District Heating & Cooling								
6		Electricity								
7	Outdoor/Exterior areas / Parking	Fuels			N/A	N/A	N/A			
8		Electricity			N/A	N/A	N/A			
9	Total energy consumption of Base Building		0	0	N/A	N/A	N/A	0	0	

Managed Assets
Tenant space

#			Absolute Consumption 2014 Consumption (MWh)	Absolute Consumption 2015 Consumption (MWh)	2015 Data coverage (ft^2 / units)	2015 Maximum coverage (ft^2 / units)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	Like-for-Like Consumption 2015 Consumption (MWh)	Like-for-Like Change %
10	Purchased by landlord	Fuels								
11		District Heating & Cooling								
12		Electricity								
13	Purchased by tenant	Fuels								
14		District Heating & Cooling								
15		Electricity								
16	Total energy consumption of Tenant Areas		0	0	N/A	N/A	N/A	0	0	

Managed Assets
Whole building

#			Absolute Consumption 2014 Consumption (MWh)	Absolute Consumption 2015 Consumption (MWh)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	Like-for-Like Consumption 2015 Consumption (MWh)	Like-for-Like Change %
17	Combined consumption common areas + tenant space	Fuels								
18		District Heating & Cooling								
19		Electricity								
20	Total energy consumption of Whole Building		0	0	N/A	N/A	N/A	0	0	
21	Total energy consumption of Managed Assets		0	0	N/A	N/A	N/A	0	0	

Indirectly Managed Assets
Whole building

#			Absolute Consumption 2014 Consumption (MWh)	Absolute Consumption 2015 Consumption (MWh)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	Like-for-Like Consumption 2015 Consumption (MWh)	Like-for-Like Change %
22	Tenant space	Fuels	68562	62195	2702296	6771599	Floor area	68562	62195	-9.29%

Q25.1 (continued)

Indirectly Managed Assets — Whole building			Absolute Consumption					Like-for-Like Consumption		
			2014	2015				2014	2015	Like-for-Like Change
			Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
23		District Heating & Cooling								
24		Electricity	91750	89209	2702296	6771599	Floor area	91750	89209	-2.77%
25	Outdoor/Exterior areas / Parking	Fuels			N/A	N/A	N/A			
26		Electricity			N/A	N/A	N/A			
27	Total energy consumption of Indirectly Managed Assets		160,312	151,404	N/A	N/A	N/A	160,312	151,404	-5.56%
28	Total energy consumption of Whole Portfolio		160,312	151,404	N/A	N/A	N/A	160,312	151,404	-5.56%

Explain (a) assumptions made in reporting, (b) limitations in the ability to collect data and (c) exclusions from like-for-like portfolio (maximum 250 words)

(a) No assumptions were made in reporting. (b) Data was collected directly from commodity invoices and placed into professional energy management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate"). (c) For like-for-like reporting, Ventas only utilized data from facilities that were in the portfolio in both 2014 and 2015.

Does the entity report the average annual vacancy rate in the like-for-like portfolio for this property type?

- [x] Yes

2014: 44.2

2015: 43.6

- [ ] No

- [x] The information above is correct and complete for all Healthcare assets

Q25.2

Energy use intensity rates Healthcare

Does the entity report energy use intensity?

- [x] Yes

If optional base-line year data is provided, specify year of the data (choose one)

	Optional base-line year (include year)	2013	2014	2015
Energy use intensity			0.2291	0.214
% of portfolio covered			39.9	39.9

Select the elements for which intensities are normalized in your calculations.

- [x] Occupancy rate
- [ ] Footfall
- [ ] Operational hours
- [ ] Weather conditions

- [ ] Degree days
- [ ] Air conditioning and/or natural ventilation
- [ ] Building age
- [ ] Other
- [ ] None of the above

Explain (a) the Energy use intensity calculation method, (b) assumptions made in the calculation, and (c) how intensities are used by the entity in its operations (maximum 250 words)

(a) In determining the energy intensity, we first quantify the total energy consumption of the portfolio, including both electricity and fuel mWh. Next, we quantify the total number of days that any unit in the portfolio was occupied. This represents the utilization of our assets. Total energy consumption is then divided by occupied days to calculate an intensity factor. (b) No assumptions were made in the calculation. (c) Energy intensity is tracked as an indicator of building efficiency performance.

( ) No

Q25.3

Renewable energy generated Healthcare

Does the entity collect renewable energy consumption and generation data in the whole portfolio for this property type?

( ) Yes

(•) No

PERFORMANCE INDICATORS

Healthcare › GHG Emissions

Q26.0

Does the entity collect GHG emissions data for Healthcare?

(•) Yes

( ) No

Q26.1

GHG Emissions for Healthcare

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Healthcare should be included.**

		Absolute GHG Emissions					Like-for-Like Consumption		
		2014	2015				2014	2015	Like-for-Like Change
		Emissions (tonnes)	Emissions (tonnes)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Emissions (tonnes)	Emissions (tonnes)	%
1	Scope 1	12407	11254	2702296	6771599	Floor area	12407	11254	-9.29%
2	Scope 2	50451	48819	2702296	6771599	Floor area	50451	48819	-3.23%
3	Scope 3 (optional)					-			
4	GHG Offsets purchased			N/A	N/A	N/A			

Q26.1 (continued)

	Absolute GHG Emissions					Like-for-Like Consumption		
	2014	2015				2014	2015	Like-for-Like Change
	Emissions (tonnes)	Emissions (tonnes)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Emissions (tonnes)	Emissions (tonnes)	%
5 Net GHG Emissions after offsets			N/A	N/A	N/A			

Explain (a) the GHG emissions calculation standard/methodology/protocol, (b) used emission factors, (c) level of uncertainty in data accuracy, (d) exclusions from like-for-like portfolio, and (e) Scope 3 emissions, (f) source and characteristics of GHG emissions offsets (maximum 250 words)

(a) Ventas utilized the CCAR protocol in calculating the CO2 metric tonnes from the raw consumption data collected. (b) Emission factors applied were 0.45359 for electricity and 0. 0.05311 for natural gas. (c) Ventas estimates accuracy of 99% on consumption data and emissions reported, the data was collected from the raw source using established auditable protocol and quality control measures were applied after the fact to verify material compliance/accuracy. (d) Like-for-Like reporting included all facilities that were owned by Ventas in the portfolio for 2014 and 2015. No adjustments were made if facilities were only owned for part of the year. (e) No scope 3 emissions were incorporated. (f) Data was collected directly from commodity invoices and placed into professional energy management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate").

☑ The information above is correct and complete for all Healthcare assets

Q26.2

GHG emissions intensity rates Healthcare

Does the entity report GHG emissions intensity?

◉ Yes

If optional base-line year data is provided, specify year of the data (choose one)

	Optional base-line year (include year)	2013	2014	2015
GHG emissions intensity			0.0898	0.0849
% of portfolio covered			39.9	39.9

Select the elements for which intensities are normalized in your calculations.

- ☑ Occupancy rate
- ☐ Footfall
- ☐ Operational hours
- ☐ Weather conditions
- ☐ Degree days
- ☐ Air conditioning and/or natural ventilation
- ☐ Building age
- ☐ Other
- ☐ None of the above

Explain (a) the GHG emissions intensity calculation method, (b) assumptions made in the calculation, and (c) how intensities are used by the entity in its operations (maximum 250 words)

(a) In determining the emissions intensity, we first quantify the total emissions of the portfolio, including both electricity and fuel mWh. Next, we quantify the total number of days that any unit in the portfolio was occupied. This represents the utilization of our assets. Total emissions are then divided by occupied days to calculate an intensity factor. (b) No assumptions were made in the calculation. (c) Emissions intensity is tracked as an indicator of building efficiency performance.

○ No

Healthcare › Water Use

Q27.0

Does the entity collect water use data for Healthcare?

- (●) Yes
- ( ) No

Q27.1

Water Use for Healthcare

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Healthcare should be included.**

To make sure you insert data in the correct section of the table, check the definition of “Managed Assets” and “Indirectly Managed Assets”.

Only use Whole Building if no breakdown of data is possible between Base Building and Tenant Space. Additionally, if consumption cannot be separated between Common Areas and Shared Services/ Central Plant, provide both in Shared Services/Central Plant.

	Managed Assets		Absolute Consumption					Like-for-Like Consumption		
			2014	2015				2014	2015	Like-for-Like Change
			Consumption (m^3)	Consumption (m^3)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (m^3)	Consumption (m^3)	%
1	Base building	Common areas								
2	Base building	Shared Services / Central Plant								
3	Base building	Outdoor / Exterior areas / Parking			N/A	N/A	N/A			
4	Total water usage Base Building		0	0	N/A	N/A	N/A	0	0	
5	Tenant space	Purchased by landlord								
6	Tenant space	Purchased by tenant								
7	Total water usage Tenant Areas		0	0	N/A	N/A	N/A	0	0	
8	Whole building	Combined consumption common areas + tenant space								
9	Total water usage Whole Building		0	0	N/A	N/A	N/A	0	0	
10	Total water usage Managed Assets		0	0	N/A	N/A	N/A	0	0	

	Indirectly Managed Assets		Absolute Consumption					Like-for-Like Consumption		
			2014	2015				2014	2015	Like-for-Like Change
			Consumption (m^3)	Consumption (m^3)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (m^3)	Consumption (m^3)	%
11	Whole building	Tenant space	709844	702610	2702296	6771599	Floor area	709844	702610	-1.02%
12	Whole building	Outdoor / Exterior areas / Parking			N/A	N/A	N/A			
13	Total water usage Indirectly Managed Assets		709,844	702,610	N/A	N/A	N/A	709,844	702,610	-1.02%
14	Total water usage Whole Portfolio		709,844	702,610	N/A	N/A	N/A	709,844	702,610	-1.02%

Explain (a) assumptions made in reporting, (b) limitations in the ability to collect data and (c) exclusions from like-for-like portfolio (maximum 250 words)

(a) No assumptions were made in reporting. (b) Data was collected directly from commodity invoices and placed into professional water management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate"). (c) For like-for-like reporting, Ventas only utilized data from facilities that were in the portfolio in both 2014 and 2015.

Does the entity report the average annual vacancy rate in the like-for-like portfolio for this property type?

- [x] Yes

2014

55.8

2015

56.4

- [ ] No

- [x] The information above is correct and complete for all Healthcare assets

Q27.2

Water use intensity rates Healthcare

Does the entity report water use intensity?

- [x] Yes

If optional base-line year data is provided, specify year of the data (choose one)

	Optional base-line year (include year)	2013	2014	2015
Water use intensity			1.0146	0.9934
% of portfolio covered			39.9	39.9

Select the elements for which intensities are normalized in your calculations.

- [x] Occupancy rate
- [ ] Footfall
- [ ] Operational hours
- [ ] Weather conditions
- [ ] Degree days
- [ ] Air conditioning and/or natural ventilation
- [ ] Building age
- [ ] Other
- [ ] None of the above

Explain (a) the Water use intensity calculation method, (b) assumptions made in the calculation, and (c) how intensities are used by the entity in its operations (maximum 250 words)

(a) In determining the water intensity, we first quantify the total water consumption of the portfolio. Next, we quantify the total number of days that any unit in the portfolio was occupied. This represents the utilization of our assets. Total water consumption is then divided by occupied days to calculate an intensity factor. (b) No assumptions were made in the calculation. (c) Water intensity is tracked as an indicator of building efficiency performance.

- [ ] No

Q27.3

Water reuse and recycling Healthcare

Does the entity collect reuse, recycling and consumption data?

- [ ] Yes
- [x] No

PERFORMANCE INDICATORS

Healthcare › Waste Management

Q28.0

Does the entity collect waste management data for Healthcare?

- [ ] Yes
- [x] No

PERFORMANCE INDICATORS

Medical Office › Energy Consumption

Q25.0

Does the entity collect energy consumption data for Medical Office?

- [x] Yes
- [ ] No

Q25.1

Energy Consumption for Medical Office

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Medical Office should be included.**

To make sure you insert data in the correct section of the table, check the definition of “Managed Assets” and “Indirectly Managed Assets”.

Only use Whole Building if no breakdown of data is possible between Base Building and Tenant Space. Additionally, if consumption cannot be separated between Common Areas and Shared Services/ Central Plant, provide both in Shared Services/Central Plant.

Managed Assets **Base Building**			Absolute Consumption					Like-for-Like Consumption		
			2014	2015				2014	2015	Like-for-Like Change
			Consumption (MWh)	Consumption (MWh)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Consumption (MWh)	Consumption (MWh)	%
1	Common areas	Fuels					.			
2		District Heating & Cooling					.			
3		Electricity					.			
4	Shared services / central plant	Fuels					.			

Q25.1 (continued)

Managed Assets
Base Building

#			Absolute Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	Like-for-Like Change %
5		District Heating & Cooling					.			
6		Electricity					.			
7	Outdoor/Exterior areas / Parking	Fuels			N/A	N/A	N/A			
8		Electricity			N/A	N/A	N/A			
9	Total energy consumption of Base Building		0	0	N/A	N/A	N/A	0	0	

Managed Assets
Tenant space

#			Absolute Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	2015 Data coverage (ft^2 / units)	2015 Maximum coverage (ft^2 / units)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	Like-for-Like Change %
10	Purchased by landlord	Fuels					.			
11		District Heating & Cooling					.			
12		Electricity					.			
13	Purchased by tenant	Fuels					.			
14		District Heating & Cooling					.			
15		Electricity					.			
16	Total energy consumption of Tenant Areas		0	0	N/A	N/A	N/A	0	0	

Managed Assets
Whole building

#			Absolute Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	Like-for-Like Change %
17	Combined consumption common areas + tenant space	Fuels	74550	74672	20528514	20528514	Floor area	68896	65388	-5.09%
18		District Heating & Cooling					.			
19		Electricity	275834	278515	20528514	20528514	Floor area	269448	258146	-4.19%
20	Total energy consumption of Whole Building		350,384	353,187	N/A	N/A	N/A	338,344	323,534	-4.38%
21	Total energy consumption of Managed Assets		350,384	353,187	N/A	N/A	N/A	338,344	323,534	-4.38%

Indirectly Managed Assets
Whole building

#			Absolute Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	Like-for-Like Change %
22	Tenant space	Fuels					.			

Q25.1 (continued)

Indirectly Managed Assets **Whole building**		Absolute Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Like-for-Like Consumption 2014 Consumption (MWh)	2015 Consumption (MWh)	Like-for-Like Change %
23	District Heating & Cooling					.			
24	Electricity					.			
25 Outdoor/Exterior areas / Parking	Fuels			N/A	N/A	N/A			
26	Electricity			N/A	N/A	N/A			
27 Total energy consumption of Indirectly Managed Assets		0	0	N/A	N/A	N/A	0	0	
28 Total energy consumption of Whole Portfolio		350,384	353,187	N/A	N/A	N/A	338,344	323,534	-4.38%

Explain (a) assumptions made in reporting, (b) limitations in the ability to collect data and (c) exclusions from like-for-like portfolio (maximum 250 words)

(a) No assumptions were made in reporting. (b) Data was collected directly from commodity invoices and placed into professional energy management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate"). (c) For like-for-like reporting, Ventas only utilized data from facilities that were in the portfolio in both 2014 and 2015.

Does the entity report the average annual vacancy rate in the like-for-like portfolio for this property type?

- [x] Yes

2014: 8.1

2015: 8.4

- [ ] No

- [x] The information above is correct and complete for all Medical Office assets

Q25.2

Energy use intensity rates Medical Office

Does the entity report energy use intensity?

- [x] Yes

If optional base-line year data is provided, specify year of the data (choose one)

	Optional base-line year (include year)	2013	2014	2015
Energy use intensity			0.0258	0.0258
% of portfolio covered			100	100

Select the elements for which intensities are normalized in your calculations.

- [x] Occupancy rate
- [ ] Footfall
- [ ] Operational hours
- [ ] Weather conditions

- [ ] Degree days
- [ ] Air conditioning and/or natural ventilation
- [ ] Building age
- [ ] Other
- [ ] None of the above

Explain (a) the Energy use intensity calculation method, (b) assumptions made in the calculation, and (c) how intensities are used by the entity in its operations (maximum 250 words)

(a) In determining the energy intensity, we first quantify the total energy consumption of the portfolio, including both electricity and fuel mWh. Next, we quantify the total occupied square footage for the entire portfolio. This represents the utilization of our assets. Total energy consumption is then divided by occupied square footage to calculate an intensity factor. (b) No assumptions were made in the calculation. (c) Energy intensity is tracked as an indicator of building efficiency performance.

- ○ No

Q25.3

Renewable energy generated Medical Office

Does the entity collect renewable energy consumption and generation data in the whole portfolio for this property type?

- ○ Yes
- ● No

PERFORMANCE INDICATORS

Medical Office › GHG Emissions

Q26.0

Does the entity collect GHG emissions data for Medical Office?

- ● Yes
- ○ No

Q26.1

GHG Emissions for Medical Office

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Medical Office should be included.**

		Absolute GHG Emissions					Like-for-Like Consumption		
		2014	2015				2014	2015	Like-for-Like Change
		Emissions (tonnes)	Emissions (tonnes)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Emissions (tonnes)	Emissions (tonnes)	%
1	Scope 1	13414	13536	20528514	20528514	Floor area	12489	11853	-5.09%
2	Scope 2	174350	173013	20528514	20528514	Floor area	172056	165679	-3.71%
3	Scope 3 (optional)								
4	GHG Offsets purchased	0	0	N/A	N/A	N/A	0	0	

Q26.1 (continued)

	Absolute GHG Emissions					Like-for-Like Consumption		
	2014	2015				2014	2015	Like-for-Like Change
	Emissions (tonnes)	Emissions (tonnes)	Data coverage (ft^2)	Maximum coverage (ft^2)	Floor area type	Emissions (tonnes)	Emissions (tonnes)	%
5 Net GHG Emissions after offsets			N/A	N/A	N/A			

Explain (a) the GHG emissions calculation standard/methodology/protocol, (b) used emission factors, (c) level of uncertainty in data accuracy, (d) exclusions from like-for-like portfolio, and (e) Scope 3 emissions, (f) source and characteristics of GHG emissions offsets (maximum 250 words)

(a) Ventas utilized the CCAR protocol in calculating the CO2 metric tonnes from the raw consumption data collected. (b) Emission factors applied were 0.45359 for electricity and 0. 0.05311 for natural gas. (c) Ventas estimates accuracy of 99% on consumption data and emissions reported, the data was collected from the raw source using established auditable protocol and quality control measures were applied after the fact to verify material compliance/accuracy. (d) Like-for-Like reporting included all facilities that were owned by Ventas in the portfolio for 2014 and 2015. No adjustments were made if facilities were only owned for part of the year. (e) No scope 3 emissions were incorporated. (f) Data was collected directly from commodity invoices and placed into professional energy management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate").

☑ The information above is correct and complete for all Medical Office assets

Q26.2

GHG emissions intensity rates Medical Office

Does the entity report GHG emissions intensity?

◉ Yes

If optional base-line year data is provided, specify year of the data (choose one)

	Optional base-line year (include year)	2013	2014	2015
GHG emissions intensity			0.0137	0.0136
% of portfolio covered			100	100

Select the elements for which intensities are normalized in your calculations.

☑ Occupancy rate

☐ Footfall

☐ Operational hours

☐ Weather conditions

☐ Degree days

☐ Air conditioning and/or natural ventilation

☐ Building age

☐ Other

☐ None of the above

Explain (a) the GHG emissions intensity calculation method, (b) assumptions made in the calculation, and (c) how intensities are used by the entity in its operations (maximum 250 words)

(a) In determining the emissions intensity, we first quantify the total emissions of the portfolio, including both electricity and fuel mWh. Next, we quantify the total number of days that any unit in the portfolio was occupied. This represents the utilization of our assets. Total emissions are then divided by occupied days to calculate an intensity factor. (b) No assumptions were made in the calculation. (c) Emissions intensity is tracked as an indicator of building efficiency performance.

○ No

PERFORMANCE INDICATORS

Medical Office › Water Use

Q27.0

Does the entity collect water use data for Medical Office?

- (x) Yes
- ( ) No

Q27.1

Water Use for Medical Office

Report absolute values and like-for-like consumption for 2014 and 2015. **All assets in the whole portfolio for Medical Office should be included.**

To make sure you insert data in the correct section of the table, check the definition of "Managed Assets" and "Indirectly Managed Assets".

Only use Whole Building if no breakdown of data is possible between Base Building and Tenant Space. Additionally, if consumption cannot be separated between Common Areas and Shared Services/ Central Plant, provide both in Shared Services/Central Plant.

	Managed Assets		Absolute Consumption 2014 Consumption (m^3)	Absolute Consumption 2015 Consumption (m^3)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (m^3)	Like-for-Like Consumption 2015 Consumption (m^3)	Like-for-Like Change %
1	Base building	Common areas	1107275	1100907	20528514	20528514	Floor area			
2	Base building	Shared Services / Central Plant					-			
3	Base building	Outdoor / Exterior areas / Parking			N/A	N/A	N/A			
4	Total water usage Base Building		1,107,275	1,100,907	N/A	N/A	N/A	0	0	
5	Tenant space	Purchased by landlord					-			
6	Tenant space	Purchased by tenant					-			
7	Total water usage Tenant Areas		0	0	N/A	N/A	N/A	0	0	
8	Whole building	Combined consumption common areas + tenant space					-			
9	Total water usage Whole Building		0	0	N/A	N/A	N/A	0	0	
10	Total water usage Managed Assets		1,107,275	1,100,907	N/A	N/A	N/A	0	0	

	Indirectly Managed Assets		Absolute Consumption 2014 Consumption (m^3)	Absolute Consumption 2015 Consumption (m^3)	2015 Data coverage (ft^2)	2015 Maximum coverage (ft^2)	2015 Floor area type	Like-for-Like Consumption 2014 Consumption (m^3)	Like-for-Like Consumption 2015 Consumption (m^3)	Like-for-Like Change %
11	Whole building	Tenant space					-			
12	Whole building	Outdoor / Exterior areas / Parking			N/A	N/A	N/A			
13	Total water usage Indirectly Managed Assets		0	0	N/A	N/A	N/A	0	0	
14	Total water usage Whole Portfolio		1,107,275	1,100,907	N/A	N/A	N/A	0	0	

Explain (a) assumptions made in reporting, (b) limitations in the ability to collect data and (c) exclusions from like-for-like portfolio (maximum 250 words)

(a) No assumptions were made in reporting. (b) Data was collected directly from commodity invoices and placed into professional water management systems. Only actual data is utilized. No attempt was made to "annualized" data if a facility was only owned by Ventas for a partial year. Ventas is not aware of any limitations with respect to the data, however it cannot verify that all such data reported is 100% accurate (quality control measures are in place to insure the data is "materially accurate"). (c) For like-for-like reporting, Ventas only utilized data from facilities that were in the portfolio in both 2014 and 2015.

Does the entity report the average annual vacancy rate in the like-for-like portfolio for this property type?

- (●) Yes

2014

8.1

2015

8.4

- ( ) No

☑ The information above is correct and complete for all Medical Office assets

Q27.2

Water use intensity rates Medical Office

Does the entity report water use intensity?

- ( ) Yes
- (●) No

Q27.3

Water reuse and recycling Medical Office

Does the entity collect reuse, recycling and consumption data?

- ( ) Yes
- (●) No

PERFORMANCE INDICATORS

Medical Office › Waste Management

Q28.0

Does the entity collect waste management data for Medical Office?

- ( ) Yes
- (●) No

Data Review

Q25.4

Review, verification and assurance of Energy Consumption data

Has the entity's Energy Consumption data reported above been reviewed by an independent third party?

- (selected) Yes
  - (selected) Externally checked

    Checked by

    Fellon McCord

    Add a service provider
  - Externally verified
  - Externally assured

  Upload supporting evidence

  GRESB 2015 Assurance.pdf

  Indicate where the relevant information can be found

  Pages 1 & 2
- No
- Not applicable

Q26.3

Review, verification and assurance of GHG Emissions data

Has the entity's GHG Emissions data reported above been reviewed by an independent third party?

- (selected) Yes
  - (selected) Externally checked

    Checked by

    Fellon McCord

    Add a service provider
  - Externally verified
  - Externally assured

  Upload supporting evidence

  GRESB 2015 Assurance.pdf

  Indicate where the relevant information can be found

  Pages 1 & 2
- No
- Not applicable

Q27.4

Review, verification and assurance of Water Use data

Has the entity's Water Use data reported above been reviewed by an independent third party?

- (●) Yes
  - (●) Externally checked

    Checked by

    Fellon McCord

    Add a service provider
  - ( ) Externally verified
  - ( ) Externally assured

  Upload supporting evidence
  GRESB 2015 Assurance.pdf
  Indicate where the relevant information can be found

  Pages 1 & 2
- ( ) No
- ( ) Not applicable

Q28.2

Review, verification and assurance of Waste Management data

Has the entity's Waste Management data reported above been reviewed by an independent third party?

- (●) Yes
  - (●) Externally checked

    Checked by

    Fellon McCord

    Add a service provider
  - ( ) Externally verified
  - ( ) Externally assured

  Upload supporting evidence
  GRESB 2015 Assurance.pdf
  Indicate where the relevant information can be found

  Pages 1 & 2
- ( ) No
- ( ) Not applicable

Targets

Q29

Has your entity set long-term reduction targets?

◉ Yes

Area	Target type	Long-term target	Baseline year	End year	2015 target	Portfolio coverage	Are these targets communicated externally?
Energy consumption	Absolute	10	2013	2023	1	≥50%, <75%	Yes
GHG emissions	Absolute	10	2013	2023	1	≥50%, <75%	Yes
Water consumption	Absolute	5	2013	2023	0.5	≥50%, <75%	Yes
Waste diverted from landfill	Absolute	4	2013	2023	0.4	≥50%, <75%	Yes

Clarify if and how these targets relate to the objectives reported in Q1 (maximum 250 words)

Ventas has set short- and long-term (10-year), science based, reduction targets for electricity, gas, water, and waste; progress against these targets are measured annually. Ventas is focused on maintaining and improving our leadership position in ESG disclosures, performance, and reducing any risks from bribery and corruption.

○ No

BUILDING CERTIFICATIONS

Residential, Senior Homes › Green Building Certificates

30.1

Does the entity's portfolio include standing investments that obtained a green building certificate at the time of design and/or construction?

◉ Yes

Specify the certification scheme(s) used and the percentage of the portfolio certified (multiple answers possible)

Scheme name/sub-scheme name	% portfolio covered by floor area	Number of certified assets
LEED Building Design and Construction	1.4	7

Add a certification

○ No

○ Not applicable

30.2

Does the entity's portfolio include standing investments that obtained an operational green building certificate?

◉ Yes

Specify the certification scheme(s) used and the percentage of the portfolio certified (multiple answers possible)

Scheme name/sub-scheme name	% portfolio covered by floor area baseline year - (optional in 2016)	% portfolio covered by floor area 2014 (optional in 2016)	% portfolio covered by floor area 2015	Number of certified assets 2015
LEED Building Design and Construction		1.4	1.4	7

Add a certification

○ No

○ Not applicable

BUILDING CERTIFICATIONS

Residential, Senior Homes › Energy Ratings

31

Does the entity's portfolio include standing investments that obtained an energy rating?

◉ Yes

Specify the rating scheme used and the percentage of the portfolio rated (multiple answers possible).

☐ EU EPC (Energy Performance Certificate)

☐ NABERS Energy

☑ ENERGY STAR

Year	% portfolio covered	Floor area weighted score
2014	0.7	78.87

31 (continued)

Year	% portfolio covered	Floor area weighted score
2015	0.8	80.11

- [ ] Government energy efficiency benchmarking
- [ ] Other

- ( ) No
- ( ) Not applicable

BUILDING CERTIFICATIONS

Healthcare › Green Building Certificates

30.1

Does the entity's portfolio include standing investments that obtained a green building certificate at the time of design and/or construction?

- ( ) Yes
- (•) No
- ( ) Not applicable

30.2

Does the entity's portfolio include standing investments that obtained an operational green building certificate?

- ( ) Yes
- (•) No
- ( ) Not applicable

BUILDING CERTIFICATIONS

Healthcare › Energy Ratings

31

Does the entity's portfolio include standing investments that obtained an energy rating?

- ( ) Yes
- (•) No
- ( ) Not applicable

BUILDING CERTIFICATIONS

Medical Office › Green Building Certificates

30.1

Does the entity's portfolio include standing investments that obtained a green building certificate at the time of design and/or construction?

- (x) Yes

Specify the certification scheme(s) used and the percentage of the portfolio certified (multiple answers possible)

Scheme name/sub-scheme name	% portfolio covered by floor area	Number of certified assets
LEED Building Design and Construction	3	6

Add a certification

- ( ) No
- ( ) Not applicable

30.2

Does the entity's portfolio include standing investments that obtained an operational green building certificate?

- (x) Yes

Specify the certification scheme(s) used and the percentage of the portfolio certified (multiple answers possible)

Scheme name/sub-scheme name	% portfolio covered by floor area baseline year - (optional in 2016)	% portfolio covered by floor area 2014 (optional in 2016)	% portfolio covered by floor area 2015	Number of certified assets 2015
LEED Building Design and Construction		2	3	6

Add a certification

- ( ) No
- ( ) Not applicable

BUILDING CERTIFICATIONS

Medical Office › Energy Ratings

31

Does the entity's portfolio include standing investments that obtained an energy rating?

- (x) Yes

Specify the rating scheme used and the percentage of the portfolio rated (multiple answers possible).

- [ ] EU EPC (Energy Performance Certificate)
- [ ] NABERS Energy
- [x] ENERGY STAR

Year	% portfolio covered	Floor area weighted score
2014	11.8	82.76

31 (continued)

Year	% portfolio covered	Floor area weighted score
2015	11.8	82.76

- [ ] Government energy efficiency benchmarking
- [ ] Other

○ No

○ Not applicable

STAKEHOLDER ENGAGEMENT

Employees

32

Does the organization have systems and procedures in place to facilitate effective implementation of the employee policy/policies in Q11?

◉ Yes

Select all applicable options (multiple answers possible)

- [x] Annual performance and career review
- [x] Anonymous web forum/hotlines
- [x] Availability of a compliance officer
- [x] Regular updates/training
- [ ] Other

Upload supporting evidence
2016.GRESB.Handbook-Code of Ethics-Proxy.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found
Throughout

○ No

33

Do the employees responsible for the entity receive regular training?

◉ Yes

Percentage of employees who received professional training in 2015
100
Percentage of employees who received sustainability-specific training in 2015
100

Sustainability-specific training focuses on the following elements (multiple answers possible)

Training topics on environmental issues

- [ ] Contamination
- [x] Greenhouse gas emissions
- [x] Energy
- [x] Natural hazards
- [ ] Regulatory standards
- [x] Supply chain environmental impacts
- [x] Waste
- [x] Water
- [ ] Other

Training on social issues

- [x] Customer/tenant health, safety and well-being
- [x] Community health, safety and well-being
- [x] Community social and economic impacts
- [x] Supply chain health, safety and well-being
- [x] Workplace health, safety and well-being
- [ ] Other

( ) No

34.1

Has the organization undertaken an employee satisfaction survey during the last three years?

(•) Yes

The survey is undertaken (multiple answers possible)

- [x] Internally

Percentage of employees covered
100

Survey response rate
82

- [ ] By an independent third party

Upload supporting evidence
Survey Results Analysis-All Employee Call 10 19 15.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found

Throughout

- [ ] No

34.2

Does the organization have a program in place to improve its employee satisfaction based on the outcomes of the survey referred to in Q 34.1?

- [x] Yes

Select all applicable options (multiple answers possible)

- [x] Development of action plan
- [x] Feedback sessions with Senior Management Team
- [x] Feedback sessions with separate teams/departments
- [x] Focus groups
- [ ] Other

- [ ] No
- [ ] Not applicable

STAKEHOLDER ENGAGEMENT

Health and Safety

35.1

Has the organization undertaken employee health and safety checks during the last three years?

- [ ] Yes
- [x] No
- [ ] Not applicable

35.2

Does the organization monitor employee occupational health and safety indicators?

- [x] Yes

Select all applicable options (multiple answers possible)

- [x] Absentee rate

0.01

- [ ] Lost day rate
- [ ] Other metric

Explain the employee occupational health and safety indicators calculation method (maximum 250 words)

Ventas provides employees with a set amount of paid-time-off. The Ventas Human Resources Department monitors employees who exceed the set annual limit. All employees are covered by the Occupational Safety and Health Administration mandates and protocols.

( ) No

STAKEHOLDER ENGAGEMENT

Tenants/Occupiers

36

Does the entity have a tenant engagement program in place that includes sustainability-specific issues?

(•) Yes

Select all issues included (multiple answers possible)

- [x] Building/asset communication

  Percentage of portfolio covered ≥25%, <50%

- [x] Provide tenants with feedback on energy/water consumption and waste

  Percentage of portfolio covered ≥25%, <50%

- [x] Social media/online platform

  Percentage of portfolio covered 0%, <25%

- [x] Tenant engagement meetings

  Percentage of portfolio covered ≥25%, <50%

- [x] Tenant events focused on increasing sustainability awareness

  Percentage of portfolio covered ≥25%, <50%

- [x] Tenant sustainability guide

  Percentage of portfolio covered ≥25%, <50%

- [x] Tenant sustainability training

  Percentage of portfolio covered ≥50%, <75%

- [ ] Other

( ) No

37.1

Has the entity undertaken tenant satisfaction surveys during the last three years?

◉ Yes

The survey is undertaken (multiple answers possible)

☐ Internally

☑ By an independent third party

Percentage of tenants covered

52

Name of the organization

CEL and Associates Inc

Add a service provider

Survey response rate

59.2

Upload supporting evidence

2015 Tenant Survey and Action Plan.pdf

OR

Document name AND

Publication date

Indicate where the relevant information can be found

Pages 1-11

○ No

○ Not applicable

37.2

Does the entity have a program in place to improve its tenant satisfaction based on the outcomes of the survey referred to in Q 37.1?

◉ Yes

Select all applicable options (multiple answers possible)

☑ Development of an asset-specific action plan

☑ Feedback sessions with asset/property managers

☑ Feedback sessions with individual tenants

☐ Other

Describe the tenant satisfaction improvement program (maximum 250 words)

Our third party survey company creates a standard action plan template for each survey grouping. Action plans are required for individual line items not receiving a specific score. In 2014, the overall service satisfaction score was above 90. Any instance where a score of 70 or below was recorded, a comprehensive action plan per individual line item was created, reviewed and implemented. All other properties with individual line items with a score below 75 were required to create action plans to address those situations. Ventas received 71 CEL A-list awards in 2014, including 9 Platinum A-list awards for tenant satisfaction. We are also in the process of evaluating ways in which to enhance the survey experience for our clients through the Net Promoter Score (NPS) program or some other survey tool.

- ○ No
- ○ Not applicable

38

Does the entity have a fit-out and refurbishment program in place for tenants that includes sustainability-specific issues?

- ◉ Yes

Select all topics included (multiple answers possible)

- ☑ Fit-out and refurbishment assistance for meeting the minimum fit-out standards

  Percentage of portfolio covered: 0%, <25%

- ☑ Minimum fit-out standards are prescribed

  Percentage of portfolio covered: 0%, <25%

- ☑ Procurement assistance for tenants

  Percentage of portfolio covered: 0%, <25%

- ☑ Tenant fit-out guides

  Percentage of portfolio covered: 0%, <25%

- ☐ Other

- ○ No
- ○ Not applicable

39.1

Does the entity include sustainability-specific requirements in its standard lease contracts?

- ◉ Yes

Select all topics included (multiple answers possible)

- ☐ Ability for the landlord to prioritize sustainability requirements over minimizing costs of improvements and adjustments
- ☐ Access to the premises to monitor compliance with best practice lease clauses
- ☐ Cooperation on procurement of sustainable goods and services
- ☑ Cost-recovery clause for energy-efficiency-related capital improvements
- ☐ Energy-efficient and/or environmentally responsible specifications for tenant works
- ☑ Information sharing relevant to green building certificates
- ☐ Legal obligations regarding the correctness of landlord/tenant information required for mandatory energy rating schemes

- [x] Obligations to do nothing to adversely affect the environmental performance of the building
- [ ] Operational performance standards for the building
- [ ] Shared consumption targets/goals in place
- [x] Sharing of utility data
- [ ] Other

Upload supporting evidence
OR
Document name AND

Ventas Form Lease

Publication date

1/1/2013

Indicate where the relevant information can be found

Throughout

( ) No

( ) Not applicable

39.2

Does the entity monitor compliance with the sustainability-specific requirements in its lease contracts?

(•) Yes

Describe the process (maximum 250 words)

Sharing of property- and portfolio-level consumption data and metrics for water, waste, electricity and natural gas between tenant and landlord. Collaboration to identify outlier communities that consume excessively to explore retrofit and improvement projects. Validation of asset level ENERGY STAR scores, sharing of opportunities to improve performance, and shared certification across all parties.

( ) No

( ) Not applicable

STAKEHOLDER ENGAGEMENT

Supply chain

40

Does the organization include sustainability-specific requirements in its procurement process applicable to the entity level?

(•) Yes

Select the parties to whom the requirements apply (multiple answers possible)

- [x] External contractors
- [x] External property/asset managers
- [x] External service providers

- [x] External suppliers
- [ ] Other

Select all topics included (multiple answers possible)

- [ ] Business ethics
- [ ] Environmental process standards
- [x] Environmental product standards
- [ ] Human rights
- [ ] Human health-based product standards
- [ ] Occupational health and safety
- [ ] Sustainability-specific requirements for sub-contractors
- [ ] Other

Upload supporting evidence
Green Purchasing Snapshot.pdf
OR
Document name AND

Publication date

Indicate where the relevant information can be found
Pages 1-43

- ( ) No
- ( ) Not applicable

41.1

Does the organization monitor external property/asset managers' compliance with the sustainability-specific requirements in place for this entity?

- (•) Yes

Select all methods used (multiple answers possible)

- [x] Checks performed by independent third party

Name of the organization
W. W. Grainger

Add a service provider

- [x] Property/asset manager self-assessments
- [x] Property/asset manager sustainability training
- [x] Regular meetings and/or checks performed by the organization's employees
- [ ] Require external property/asset managers' alignment with a professional standard
- [ ] Other

- ( ) No
- ( ) No, all property/asset management is undertaken internally

41.2

Does the organization monitor other direct external suppliers' and/or service providers' compliance with the sustainability-specific requirements in place for this entity?

- (•) Yes

  Select all methods used (multiple answers possible)

  - [x] Checks performed by independent third party

    Name of the organization

    W. W. Grainger

    Add a service provider

  - [x] Regular meetings and/or checks performed by external property/asset managers
  - [x] Regular meetings and/or checks performed by the organization's employees
  - [ ] Require supplier/service providers' alignment with a professional standard
  - [ ] Supplier/service provider self-assessments
  - [ ] Supplier/service provider sustainability training
  - [ ] Other

- ( ) No
- ( ) Not applicable

STAKEHOLDER ENGAGEMENT

Community

42.1

Does the entity have a community engagement program in place that includes sustainability-specific issues?

- (•) Yes

  Select all topics included (multiple answers possible)

  - [x] Effective communication and process to address community concerns
  - [x] Employment creation in local communities
  - [x] Enhancement programs for public spaces
  - [x] Health and well-being program
  - [x] Research and network activities

- [ ] Resilience, including assistance or support in case of disaster
- [x] Supporting charities and community groups
- [x] Sustainability education program
- [x] Sustainability enhancement programs for public spaces
- [ ] Other

Describe the community engagement program and the monitoring process (maximum 250 words)

Giving back to our community is an important value at Ventas. We believe that, as an industry leader, we have a responsibility to improve the lives of others. Through the Ventas Charitable Foundation, we contribute to more than 70 local and national organizations that are important to our employees, customers and communities. In order to receive a grant from Ventas, an application must be completed and comply with our program objectives which are as follows: the organization must be a current 501(c)(3) nonprofit organization, must be aligned with the Ventas culture and values, and have a good standing guidestar.org rating. All requests for a charitable donation are reviewed by our CEO and Foundation Board which consists of senior level employees.

Examples of our activities include a $1 million, five-year partnership with The Greater Chicago Food Depository to sponsor its Older Adult Program. Through this long-term commitment, Ventas hopes to have a meaningful impact in ending hunger among older adults. Ventas also made a multi- year commitment to partner with ElderServe, which provides a wide-range of supportive services that empower older adults to live independently with dignity.

Additionally, Ventas joined the Alzheimer's Association in their quest to find a cure for Alzheimer's disease, which affects many individuals who receive care and live in the Company's properties. Ventas's CEO, Debra Cafaro, was honored at the 2015 Brain Ball and together raised more than $1.5 million for the Alzheimer's Association.

○ No

42.2

Does the entity monitor its impact on the community?

◉ Yes

Select the areas of impact that are monitored (multiple answers possible)

- [x] Housing affordability
- [ ] Impact on crime levels
- [x] Local income generated
- [x] Local residents' well-being
- [x] Livability score
- [x] Walkability score
- [ ] Other

○ No

○ Not applicable

NEW CONSTRUCTION AND MAJOR RENOVATIONS

Sustainability Requirements

NC 1

Does the entity have a sustainability strategy in place for new construction and major renovation projects?

- (●) Yes

  Elements addressed in the strategy (multiple answers possible)

  - [x] Biodiversity and habitat
  - [x] Climate/climate change adaptation
  - [x] Energy consumption/management
  - [x] Environmental attributes of building materials
  - [x] GHG emissions/management
  - [x] Human health, safety and well-being
  - [x] Location and transportation
  - [x] Resilience
  - [x] Supply chain
  - [x] Water consumption/management
  - [x] Waste management
  - [x] Other

    Other selected. Please describe
    Public outreach and education

  Communication of the strategy

  - (●) Publicly available
    - ( ) Online - hyperlink
    - (●) Offline - separate document

      Upload supporting evidence
      LEED.pdf
      Indicate where the relevant information can be found
      Throughout

    Communicate the strategy (maximum 250 words)

    New construction and major renovations provide the unique opportunity to review the structure of a building and make targeted investments in infrastructure and cap ex that will make a difference and improve the operations of the asset. Ventas thoughtfully and purposefully promotes sustainability in our communities for today and generations to come via energy-efficient lighting and appliances, water-efficient landscaping, dual-flush toilets and low-flow shower heads, ENERGY STAR-certified appliances, high-performance exterior doors, green housekeeping, recycling and landscape projects, drought-resistant landscaping with drip irrigation, on-site storage treatment of storm water to reduce erosion and green building education for our residents and guests.

  - ( ) Not publicly available

- ( ) No

NC 2

Does the entity have sustainable site selection criteria in place for new construction and major renovation projects?

- (x) Yes

Select all criteria included (multiple answers possible)

- [x] Connect to multi-modal transit networks
- [x] Locate projects within existing developed areas
- [ ] Protect, restore, and conserve farmland
- [x] Protect, restore, and conserve floodplain functions
- [x] Protect, restore, and conserve aquatic ecosystems
- [x] Protect, restore, and conserve habitats for threatened and endangered species
- [ ] Redevelop brownfield sites
- [ ] Other

The entity's sustainable site selection criteria are aligned with

- (x) Third-party guidelines

  Specify

  LEED

- ( ) Third-party rating system(s)
- ( ) Other
- ( ) Not aligned

The entity's sustainable site selection criteria are required to

- ( ) Meet local requirements
- (x) Meet above-code standards for some projects

  Please describe the standards (maximum 150 words)

  For example, the standards in California for Ventas development and redevelopment project are compliant with Title 24, which are specific regulations that surpass local code requirements, particularly regarding lighting and energy conservation technology.

- ( ) Meet above-code standards for all projects
- ( ) Meet national or global leadership standards for some projects
- ( ) Meet national or global leadership standards for all projects

Upload supporting evidence

CEC-400-2012-004-CMF-REV2.pdf

OR

Document name AND

Publication date

Indicate where the relevant information can be found

- ◯ No
- ◯ Not applicable

NC 3

Does the entity have sustainable site design/development requirements for new construction and major renovation projects?

- ◉ Yes

Select all applicable options (multiple answers possible)

- [x] Manage waste by diverting construction and demolition materials from disposal
- [x] Manage waste by diverting reusable vegetation, rocks, and soil from disposal
- [x] Protect air quality during construction
- [x] Protect surface water and aquatic ecosystems by controlling and retaining construction pollutants
- [x] Protect and restore habitat and soils disturbed during construction and/or during previous development
- [ ] Other

The entity's sustainable site design/development criteria are aligned with

- ◯ Third-party guidelines
- ◉ Third-party rating system(s)

Specify scheme(s)/sub-scheme(s)

LEED v4 Building Design & Construction

- ◯ Other
- ◯ Not aligned

The entity's sustainable site design/development criteria are required to

- ◉ Meet local requirements
- ◯ Meet above-code standards for some projects
- ◯ Meet above-code standards for all projects
- ◯ Meet national or global leadership standards for some projects
- ◯ Meet national or global leadership standards for all projects

Upload supporting evidence

LEED.pdf

Indicate where the relevant information can be found

Pages 1-18

- ◯ No

NEW CONSTRUCTION AND MAJOR RENOVATIONS

Materials and Certifications

NC 4

Does the entity require that the environmental and health attributes of building materials be considered for new construction and major renovation projects?

- [x] Yes

Select all issues addressed (multiple answers possible)

- [ ] Formal adoption of a policy regarding health attributes and performance of building materials
- [x] Formal adoption of a policy regarding the environmental attributes and performance of building materials
- [x] Requirement for information (disclosure) about building product environmental and health attributes, including requirements for (multiple answers possible)
  - [x] Health and environmental information
  - [x] Environmental Product Declarations
  - [ ] Health Product Declarations
  - [ ] Other types of health and environmental information
- [x] Building product specification, including (multiple answers possible)
  - [x] Preferential specification and purchasing of materials that disclose environmental impacts
  - [x] Preferential specification and purchasing of materials that disclose potential health hazards
  - [x] "Red list" of prohibited materials or ingredients that should not be used on the basis of their human and/or environmental impacts
  - [ ] Specification of locally extracted or recovered materials
  - [x] Specification and purchasing of rapidly renewable materials, low embodied carbon materials, and recycled content materials
  - [x] Specification and purchasing materials that can easily be recycled
  - [ ] Specification and purchasing of third-party certified wood-based materials and products
  - [x] Specifcation and purchasing of low-emitting materials
  - [ ] Other

Compliance with specifications

Describe practices and processes to ensure consistency and compliance with specification requirements and preferences (maximum 250 words)

As part of the new construction and major redevelopment program, compliance with LEED and various independent certifications, as well as local/state code requirements, the design, installation, and approval of compliant products is closely monitored and verified prior to project close.

Upload supporting evidence
LEED.pdf
Indicate where the relevant information can be found
Pages 47-55

- [ ] No
- [ ] Not applicable

NC 5.1

Does the entity incorporate green building standards in new construction and major renovation projects?

◉ Yes

Select all applicable options (multiple answers possible)

☑ The entity requires projects to align with requirements of a third-party green building rating system but does not require certification

Percentage of portfolio covered: 0%, <25%

Level of certification: green building rating systems: include all that apply

Built to LEED Standards

☑ The entity requires projects to achieve certification with a green building rating system

Percentage of portfolio covered: ≥75, ≤100%

Level of certification: green building rating systems: include all that apply

LEED BD&C

☑ The entity requires projects to achieve a specific level of certification

Percentage of portfolio covered: ≥75, ≤100%

Level of certification: green building rating systems: include all that apply

LEED BD&C

Levels adopted as a standard by the entity

Certified

○ No

○ Not applicable

NC 5.2

Does the entity's portfolio include new construction and major renovation projects that obtained a green building certificate?

◉ Yes

Specify the certification scheme(s) used and the percentage of the portfolio certified (multiple answers possible)

Projects in progress at the end of reporting period

Scheme name/sub-scheme name	Level of certification	% portfolio covered by floor area	Number of certified projects
LEED Building Design and Construction	Certified,	1.1	6

Add a certification

Projects completed during the reporting period

Scheme name/sub-scheme name	Level of certification	% portfolio covered by floor area	Number of certified projects
LEED Building Design and Construction	Certified,	0.6	4

Add a certification

○ No

○ Not applicable

NEW CONSTRUCTION AND MAJOR RENOVATIONS

Energy and Water Efficiency

NC 6

Does the entity have minimum energy efficiency requirements for new construction and major renovation projects?

- (●) Yes

The entity promotes energy efficiency through (multiple answers possible)

- [x] Requirements for planning and design (multiple answers possible)
  - [x] Integrative design process
  - [x] Requirement to exceed relevant energy codes or standards
  - [ ] Other
- [x] Common energy efficiency measures (multiple answers possible)
  - [x] Air conditioning
  - [x] Commissioning
  - [x] Energy modeling
  - [x] Lighting
  - [x] Occupant controls
  - [x] Space heating
  - [x] Ventilation
  - [x] Water heating
  - [ ] Other
- [x] Operational energy efficiency monitoring (multiple answers possible)
  - [x] Energy use analytics
  - [ ] Post-construction energy monitoring
  - [ ] Sub-meter
  - [ ] Other

The entity's energy efficiency measures are required to:

- ( ) Meet local requirements
- (●) Meet above-code standards for some projects

Please describe the standards (maximum 150 words)

For example, the standards in California for Ventas development and redevelopment project are compliant with Title 24, which are specific regulations that surpass local code requirements, particularly regarding lighting and energy conservation technology.

- ○ Meet above-code standards for all projects
- ○ Meet national or global leadership standards for some projects
- ○ Meet national or global leadership standards for all projects

Upload supporting evidence
LEED.pdf
Indicate where the relevant information can be found
Pages 29-45

- ○ No

NC 7.1

Does the entity incorporate on-site renewable energy in the design of new construction and major renovation projects?

- ◉ Yes

Projects designed to generate on-site renewable energy (multiple answers possible)

- ☐ Biofuels
- ☐ Geothermal
- ☐ Hydro
- ☑ Solar/photovoltaic

Percentage of all projects
23

- ☐ Wind
- ☐ Other

Average design target for the fraction of total energy demand met with on-site renewable energy:
0
Upload supporting evidence
LEED.pdf
Indicate where the relevant information can be found
Page 38

- ○ No
- ○ Not applicable

NC 7.2

Are the entity's new construction and major renovation projects designed to meet net-zero energy codes and/or standards?

- ○ Yes
- ◉ No

NEW CONSTRUCTION AND MAJOR RENOVATIONS

Building Requirements

NC 8

Does the entity promote water conservation in its new construction and major renovation projects?

- (●) Yes

  The entity promotes water conservation through (multiple answers possible)

  - [x] Requirements for planning and design include (multiple answers possible)
    - [x] Development and implementation of a commissioning plan
    - [x] Integrative design for water conservation
    - [x] Requirements for indoor water efficiency
    - [ ] Requirements for outdoor water efficiency
    - [ ] Requirements for process water efficiency
    - [ ] Requirements for water supply
    - [ ] Other
  - [x] Common water efficiency measures include (multiple answers possible)
    - [x] Commissioning of water systems
    - [x] Drip/smart irrigation
    - [x] Drought tolerant/low-water landscaping
    - [x] High-efficiency/dry fixtures
    - [x] Leak detection system
    - [x] Occupant sensors
    - [x] On-site wastewater treatment
    - [ ] Re-use of stormwater and grey water for non-potable applications
    - [ ] Other
  - [x] Operational water efficiency monitoring (multiple answers possible)
    - [ ] Post-construction water monitoring
    - [x] Sub-meter
    - [ ] Water use analytics
    - [ ] Other

The entity's water efficiency measures are required to

- ○ Meet local requirements
- ◉ Meet above-code standards for some projects

  Please describe the standards (maximum 150 words)

  For example, the standards in California for Ventas development and redevelopment project are compliant with Title 24, which are specific regulations that surpass local code requirements, including water usage and regarding lighting conservation technology.

- ○ Meet above-code standards for all projects
- ○ Meet national or global leadership standards for some projects
- ○ Meet national or global leadership standards for all projects

Upload supporting evidence
CEC-400-2012-004-CMF-REV2.pdf
Indicate where the relevant information can be found
Throughout

- ○ No
- ○ Not applicable

NC 9

Does the entity promote efficient on-site solid waste management during the construction phase of its new construction and major renovation projects?

- ◉ Yes

The entity promotes efficient solid waste management through (multiple answers possible)

- [x] Management and construction practices (multiple answers possible)
  - [x] Construction waste signage
  - [x] Education of employees/contractors on waste management
  - [ ] Incentives for contractors for recovering, reusing and recycling building materials
  - [x] Targets for waste stream recovery, reuse and recycling
  - [x] Waste management plans
  - [x] Waste separation facilities
  - [ ] Other
- [x] On-site waste monitoring (multiple answers possible)
  - [x] Hazardous waste monitoring
  - [x] Non-hazardous waste monitoring
  - [ ] Other

The entity's solid waste management approach is required to

- (selected) Meet local requirements
- Meet above-code standards for some projects
- Meet above-code standards for all projects
- Meet national or global leadership standards for some projects
- Meet national or global leadership standards for all projects

Upload supporting evidence
LEED.pdf
Indicate where the relevant information can be found
Pages 47-55

- No

NC 10.1

Does the entity have environmental and social requirements in place for its contractors?

- (selected) Yes

Select all topics included (multiple answers possible)

- [x] Business ethics
- [ ] Community engagement
- [x] Environmental process standards
- [x] Environmental product standards
- [x] Fundamental human rights
- [x] Human health-based product standards
- [x] On-site health and safety
- [x] Sustainability-specific requirements for sub-contractors
- [ ] Other

Percentage of portfolio covered
100
Upload supporting evidence
LEED.pdf
Indicate where the relevant information can be found
Throughout

- No

NC 10.2

Does the organization monitor its contractors' compliance with its sustainability-specific requirements in place for this entity?

- [x] Yes

Select all applicable options (multiple answers possible)

- [x] Contractors provide update reports on environmental and social aspects during construction
- [ ] External audits by third party
- [x] Internal audits

Percentage of projects audited during the reporting period

100

- [x] Weekly/monthly (on-site) meetings and/or ad hoc site visits

Percentage of projects visited during the reporting period

100

- [ ] Other

- [ ] No
- [ ] Not applicable

NEW CONSTRUCTION AND MAJOR RENOVATIONS

Health, Safety & Well-being

NC 11

Does the entity promote occupant health and well-being in its new construction and major renovation projects?

- [x] Yes

The entity addresses health and well-being in the design of its product through (multiple answers possible)

- [x] Requirements for planning and design, including (multiple answers possible)
  - [x] Health Impact Assessment
  - [x] Integrated planning process
  - [ ] Other planning process
- [x] Common occupant health and well-being measures, including (multiple answers possible)
  - [x] Access to spaces for active and passive recreation
  - [x] Active design features
  - [x] Commissioning
  - [x] Daylight

- [x] Indoor air quality monitoring
- [x] Indoor air quality source control
- [x] Natural ventilation
- [x] Occupant controls
- [x] Provisions for active transport
- [ ] Other

- [x] Provisions to verify health and well-being performance include (multiple answers possible)
  - [ ] Occupant education
  - [x] Post-construction health and well-being monitoring (e.g., occupant comfort and satisfaction)

    Average years: 1
  - [ ] Other

The entity's occupant health, safety, and well-being measures are required to

- (●) Meet local requirements
- ( ) Meet above-code standards for some projects
- ( ) Meet above-code standards for all projects
- ( ) Meet national or global leadership standards for some projects
- ( ) Meet national or global leadership standards for all projects

Upload supporting evidence

LEED.pdf

Indicate where the relevant information can be found

Pages 57-81

- ( ) No
- ( ) Not applicable

NC 12.1

Does the entity promote on-site health and safety during the construction phase of its new construction and major renovation projects?

- (●) Yes

The entity promotes on-site health and safety through (multiple answers possible)

- [x] Communicate safety information
- [x] Continuously improve safety performance
- [x] Demonstrate safety leadership

- [x] Entrench safety practices
- [x] Manage safety risks
- [x] Promote design for safety
- [ ] Other

The entity's on-site health and safety measures are required to

- ( ) Meet local requirements
- (●) Meet above-code standards for some projects

Please describe the standards (maximum 150 words)

We routinely evaluate safety records and experience mod's on all GC /CM candidate firms. As insurance is an increasingly larger component of cost, those firms who embrace and practice a culture of safety tend to be more competitive and reliable. With any project in an occupied building, safety is our highest priority and compliance with OSHA is part of our comprehensive approach to project planning and execution. All of us are empowered to challenge any unsafe behaviors.

- ( ) Meet above-code standards for all projects
- ( ) Meet national or global leadership standards for some projects
- ( ) Meet national or global leadership standards for all projects

Upload supporting evidence
OSHA - Part 1926.pdf
Indicate where the relevant information can be found
Throughout

- ( ) No
- ( ) Not applicable

NC 12.2

Does the organization monitor health and safety indicators at construction sites?

◉ Yes

Select all applicable options (multiple answers possible)

☑ Injury rate

0

Explain the injury rate calculation method (maximum 250 words)

We routinely evaluate safety records and experience mod's on all GC /CM candidate firms. As insurance is an increasingly larger component of cost, those firms who embrace and practice a culture of safety tend to be more competitive and reliable. With any project in an occupied building, safety is our highest priority and compliance with OSHA is part of our comprehensive approach to project planning and execution. All of us are empowered to challenge any unsafe behaviors.

☑ Fatalities

0

☑ Near misses

0

○ No

NEW CONSTRUCTION AND MAJOR RENOVATIONS

Community Impact and Engagement

NC 13

Does the entity assess the potential socio-economic impact of its new construction and major renovation projects on the community as part of planning and pre-construction?

◉ Yes

Select the areas of impact that are assessed (multiple answers possible)

☑ Housing affordability

☑ Impact on crime levels

☑ Livability score

☑ Local income generated

☑ Local residents' well-being

☑ Walkability score

☐ Other

Upload supporting evidence
LEED.pdf
Indicate where the relevant information can be found
Pages 1-18

○ No

NC 14

Does the entity have a systematic process to monitor the impact of new construction and major renovation projects on the local community during different stages of the project?

- [x] Yes

The entity's process includes (multiple answers possible)

- [x] Analysis and interpretation of monitoring data
- [x] Development and implementation of a communication plan
- [x] Development and implementation of a community monitoring plan
- [x] Development and implementation of a risk mitigation plan
- [x] Identification of nuisance and/or disruption risks
- [x] Identification of stakeholders and impacted groups
- [x] Management practices to ensure accountability for performance goals and issues identified during community monitoring
- [ ] Other

Describe the monitoring process (maximum 250 words)

We send out regular fliers and posters with address and phone numbers for the site and contact information, as well as a central registry at city hall for the community to contact with questions.

Upload supporting evidence
LEED.pdf
Indicate where the relevant information can be found
Throughout

- [ ] No

SUPPLEMENTS

NAREIT Leader in the Light

Q0

Do you want to participate in Leader in the Light?

- (●) Yes
- ( ) No

Q1

Define the key financial performance indicators that your company uses for measuring the success of its sustainability strategy. In addition, you can also provide a link to your organization's website where a description may be available. (maximum 200 words)

While measuring sustainability can be challenging, the effects of sustainability implementation are observable, quantifiable and closely linked to the financial performance of our individual assets and portfolios. The primary focus of approving and measuring sustainability projects is to reduce operating costs and increase property and portfolio NOI. Projects are identified by Ventas and our operators, then reviewed by senior management for scope, project cost, payback period and return on invested capital. Upon completion, Ventas continuously audits property-level consumption of resources: tracking, verifying and quantifying original underwriting assumptions for future projects and setting emissions reduction targets for external reporting to our shareholders.

http://www.ventasreit.com/corporate-responsibility/sustainability

Q2

Energy efficiency

Enter information for the projects, that best describe the implementation of Energy efficiency measures in your portfolio

	Project Type	Portfolio Coverage & Opportunity		Total Capital Investment (USD)	Savings		Description
		Portfolio Covered by this Project	Cumulative Area Covered by this Project		Total Annual Projected Savings	Total Annual Projected Savings	
		%	%	USD	Kwh	USD	Max 100 words
1	HVAC Projects	65	68	7632825	3236019	1030029	Chiller upgrades/replacements, building management systems, RTU upgrades, system commissioning
2	Interior Lighting & Controls	65	68	3432069	3570848	994083	T12 to T8 conversions, occupant room sensors, installation and upgrades to lighting retrofits, LED bulbs and fixtures, parking lighting, motion sensors and lighting control systems
3	Building Envelope Projects	65	68	7387636	355610	242319	Exterior lighting, window film, window replacements, roof replacements, boiler and hot water heater upgrades

Q3

Water efficiency

Enter information for the projects, that best describe the implementation of Water efficiency measures in your portfolio

Project Type	Portfolio Coverage & Opportunity		Total Capital Investment (USD)	Savings		Description
	Portfolio Covered by this Project	Cumulative Area Covered by this Project		Total Annual Projected Savings	Total Annual Projected Savings	
	%	%	USD	m^3	USD	Max 100 words
1 Outdoor Projects	0.3	0.1	27908	12395	21009	Seniors Housing irrigation and water management and efficiency upgrades.
2 .						
3 .						

Q4

Renewable energy

Enter information for the projects, that best describe the implementation of Renewable energy measures in your portfolio

Project Type	Portfolio Coverage & Opportunity		Total Capital Investment (USD)	Savings		Description
	Portfolio Covered by this Project	Cumulative Area Covered by this Project		Total Annual Projected Savings	Total Annual Projected Savings	
	%	%	USD	Kwh	USD	Max 100 words
1 Solar Power System	0.3	0.5	437494	201564	24187.7	New Jersey, New York & Massachusetts Seniors Housing Solar Projects
2 Cogeneration/CHP (Combined Heat & Power)/Fuel Cell	0.1	0.2	2210	347196	41663.5	New York Seniors Housing Cogen Projects
3 Renewable Energy Certificates	0.1	0.2	2210	2316000	0	California Seniors Housing RECs

Q5

Waste management

Enter information for the projects, that best describe the implementation of Waste management measures in your portfolio

Project Type	Portfolio Coverage & Opportunity		Total Capital Investment (USD)	Savings		Description
	Portfolio Covered by this Project	Cumulative Area Covered by this Project		Total Annual Projected Savings	Total Annual Projected Savings	
	%	%	USD	tonnes	USD	Max 100 words
1 Recycling Program	11.5	17.7	144115	1398.8	174849.71	Seniors Housing recycling initiative
2 .						
3 .						

SUPPLEMENTS

Health & Well-being

H0

Would you like to participate in the Health and Well-being Module?

- [x] Yes
- [ ] No

H1

Does the organization have a health & well-being policy in place that applies to the entity?

- [ ] Yes
- [x] No

Provide additional context for the answer provided (maximum 250 words)

Ventas does not have a formal wellness policy.

H2

Does the organization have a senior employee responsible for health & well-being issues associated with this entity?

- [x] Yes

The most senior employee responsible for health & well-being is

- [x] A different individual from the employee responsible for sustainability

This individual is part of (select all that apply)

- [ ] Board of Directors
- [x] Senior management team

Provide the details for the most senior decision-maker on sustainability issues

Name
Edmund Brady
Job title
Chief Human Resource Officer
E-mail
ed.brady@ventasreit.com
LinkedIn profile (optional)

- [ ] Sustainability/ESG management team
- [ ] Human resources
- [ ] Other team or department

- [ ] The same individual as the most senior employee responsible for sustainability (indicated in the main assessment)

Describe the individual's health-related qualifications (maximum 250 words):

EDMUND M. Brady, III joined Ventas in June of 2014 as Senior Vice President and Chief Human Resources Officer. Prior to joining Ventas, Mr. Brady served as President of the human capital-focused management consulting practice at EMB3 Advisory Services LLC. Mr. Brady previously served as Managing Director and Chief People Officer for Stroz Firedberg, LLC. Prior to that, Mr. Brady worked for Diamond Management & Technology Consultants, Inc., where he most recently served as Partner and Chief People Officer and a member of the firm's Leadership Committee.

Mr. Brady received a BS in Business Administration from Georgetown University and an MBA in marketing and International business from Northwester University's Kellog School of Management.

○ No

Provide additional context for the answer provided (maximum 250 words)

H3

Does the organization understand the health & well-being-related needs of employees responsible for the entity?

○ Yes

◉ No

Provide additional context for the answer provided (maximum 250 words)

There is no formal process for reviewing this item.

H4

Does the entity use specific strategies to promote the health & well-being of the employees responsible for the entity?

○ Yes

◉ No

Provide additional context for the answer provided (maximum 250 words)

There is no formal process for reviewing this item.

H5

Does the organization monitor operational performance, such as determinants of health (health-related behaviors, environmental conditions), health outcomes, or other performance metrics, of employees responsible for this entity?

○ Yes

◉ No

Provide additional context for the answer provided (maximum 250 words)

There is no formal process for reviewing this item.

H6

Does the organization understand the health & well-being-related needs of tenants of its real estate assets and/or customers for its services?

○ Yes

◉ No

Provide additional context for the answer provided (maximum 250 words)

There is no formal process for reviewing this item.

H7

Does the entity use specific strategies to promote health & well-being through its real estate assets and services?

- ( ) Yes
- (•) No

Provide additional context for the answer provided (maximum 250 words)

There is no formal process for reviewing this item.

H8

Does the organization monitor operational performance, such as determinants of health (health-related behaviors, environmental conditions), health outcomes, or other performance metrics, of its real estate assets and services?

- (•) Yes

Select the types of operational performance monitored (multiple answers possible):

- [x] Indoor environmental quality metrics (e.g., CO2 concentration, daylight)

  Percentage of portfolio covered: ≥25%, <50%

  Frequency of monitoring: Ad-hoc/no fixed schedule

- [x] Experience and opinions (e.g., tenant satisfaction surveys)

  Percentage of portfolio covered: ≥50%, <75%

  Frequency of monitoring: Annualy

- [ ] Behavior (e.g., use of stairways, food choices)
- [ ] Performance (e.g., productivity, absenteeism)
- [ ] Social and economic determinants of health & well-being (e.g., education, access to medical care)
- [ ] Outcomes (e.g., incidence of asthma)
- [ ] Other indicators

Upload supporting evidence

2015 Tenant Survey and Action Plan.pdf

OR

Hyperlink

Indicate where the relevant information can be found

- ( ) No

Provide additional context for the answer provided (maximum 250 words)

H9

Has the entity received third-party recognition or was the entity the focus of case studies for its health & well-being-related actions, performance, or achievements?

- ( ) Yes

- [x] No

Provide additional context for the answer provided (maximum 250 words)

H10

Does the entity face financial risks or costs associated with health and well-being?

- [x] Yes

Select options to describe the entity's exposure to financial risks or costs associated with health and well-being.

- [ ] The entity is exposed to health care costs or health & well-being related financial risks for employees
- [x] The entity is exposed to health care costs or health & well-being related financial risks for tenants and/or customers
  - [x] The entity has direct exposure to health care-related costs or financial risks for tenants and/or customers
  - [x] The entity has indirect exposure to health care-related costs or financial risks for tenants and/ or customers, such as insurance premiums
  - [ ] Other

Upload supporting evidence
vtr-2016-proxy-final.pdf
OR
Hyperlink

Indicate where the relevant information can be found

- [ ] No

Provide additional context for the answer provided (maximum 250 words)