

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, DC 20549

FORM 10-K

(Mark one)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2021

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 1-14023



CORPORATE OFFICE PROPERTIES TRUST

(Exact name of registrant as specified in its charter)

Maryland
(State or other jurisdiction of
incorporation or organization)

23-2947217
(IRS Employer
Identification No.)

6711 Columbia Gateway Drive, Suite 300, Columbia, MD
(Address of principal executive offices)

21046
(Zip Code)

Registrant's telephone number, including area code: **(443) 285-5400**

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Shares of beneficial interest, \$0.01 par value	OFC	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: **None**

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

Yes No

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the voting and non-voting shares of common stock held by non-affiliates of Corporate Office Properties Trust was approximately \$2.8 billion, as calculated using the closing price of such shares on the New York Stock Exchange as of and the number of outstanding shares as of June 30, 2021. For purposes of calculating this amount only, affiliates are defined as Trustees, executive owners and beneficial owners of more than 10% of Corporate Office Properties Trust's outstanding common shares, \$0.01 par value. At February 7, 2022, 112,319,982 of Corporate Office Properties Trust's common shares were outstanding.

Portions of the proxy statement of Corporate Office Properties Trust for its 2022 Annual Meeting of Shareholders to be filed within 120 days after the end of the fiscal year covered by this Form 10-K are incorporated by reference into Part III of this Form 10-K.

TABLE OF CONTENTS
Form 10-K

	PAGE	
<u>PART I</u>		
<u>ITEM 1.</u>	<u>BUSINESS</u>	<u>5</u>
<u>ITEM 1A.</u>	<u>RISK FACTORS</u>	<u>9</u>
<u>ITEM 1B.</u>	<u>UNRESOLVED STAFF COMMENTS</u>	<u>17</u>
<u>ITEM 2.</u>	<u>PROPERTIES</u>	<u>18</u>
<u>ITEM 3.</u>	<u>LEGAL PROCEEDINGS</u>	<u>21</u>
<u>ITEM 4.</u>	<u>MINE SAFETY DISCLOSURES</u>	<u>21</u>
<u>PART II</u>		
<u>ITEM 5.</u>	<u>MARKET FOR REGISTRANTS' COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES</u>	<u>22</u>
<u>ITEM 6.</u>	<u>[RESERVED]</u>	<u>22</u>
<u>ITEM 7.</u>	<u>MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS</u>	<u>23</u>
<u>ITEM 7A.</u>	<u>QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK</u>	<u>41</u>
<u>ITEM 8.</u>	<u>FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA</u>	<u>41</u>
<u>ITEM 9.</u>	<u>CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE</u>	<u>41</u>
<u>ITEM 9A.</u>	<u>CONTROLS AND PROCEDURES</u>	<u>41</u>
<u>ITEM 9B.</u>	<u>OTHER INFORMATION</u>	<u>42</u>
<u>ITEM 9C.</u>	<u>DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS</u>	<u>42</u>
<u>PART III</u>		
<u>ITEM 10.</u>	<u>DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE</u>	<u>43</u>
<u>ITEM 11.</u>	<u>EXECUTIVE COMPENSATION</u>	<u>43</u>
<u>ITEM 12.</u>	<u>SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS</u>	<u>43</u>
<u>ITEM 13.</u>	<u>CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE</u>	<u>43</u>
<u>ITEM 14.</u>	<u>PRINCIPAL ACCOUNTANT FEES AND SERVICES</u>	<u>43</u>
<u>PART IV</u>		
<u>ITEM 15.</u>	<u>EXHIBITS AND FINANCIAL STATEMENT SCHEDULES</u>	<u>43</u>
<u>ITEM 16.</u>	<u>FORM 10-K SUMMARY</u>	<u>45</u>
	<u>SIGNATURES</u>	<u>45</u>

Forward-looking Statements

This Form 10-K contains “forward-looking” statements, as defined in the Private Securities Litigation Reform Act of 1995, that are based on our current expectations, estimates and projections about future events and financial trends affecting the financial condition and operations of our business. Additionally, documents we subsequently file with the SEC and incorporated by reference will contain forward-looking statements.

Forward-looking statements can be identified by the use of words such as “may,” “will,” “should,” “could,” “believe,” “anticipate,” “expect,” “estimate,” “plan” or other comparable terminology. Forward-looking statements are inherently subject to risks and uncertainties, many of which we cannot predict with accuracy and some of which we might not even anticipate. Although we believe that the expectations, estimates and projections reflected in such forward-looking statements are based on reasonable assumptions at the time made, we can give no assurance that these expectations, estimates and projections will be achieved. Future events and actual results may differ materially from those discussed in the forward-looking statements. We caution readers that forward-looking statements reflect our opinion only as of the date on which they were made. You should not place undue reliance on forward-looking statements. The following factors, among others, could cause actual results and future events to differ materially from those set forth or contemplated in the forward-looking statements:

- general economic and business conditions, which will, among other things, affect office property and data center demand and rents, tenant creditworthiness, interest rates, financing availability, construction costs and property values;
- adverse changes in the real estate markets, including, among other things, increased competition with other companies;
- governmental actions and initiatives, including risks associated with the impact of a prolonged government shutdown or budgetary reductions or impasses, such as a reduction in rental revenues, non-renewal of leases and/or reduced or delayed demand for additional space by our strategic customers;
- our ability to borrow on favorable terms;
- risks of property acquisition and development activities, including, among other things, risks that development projects may not be completed on schedule, that tenants may not take occupancy or pay rent or that development or operating costs may be greater than anticipated;
- risks of investing through joint venture structures, including risks that our joint venture partners may not fulfill their financial obligations as investors or may take actions that are inconsistent with our objectives;
- changes in our plans for properties or views of market economic conditions or failure to obtain development rights, either of which could result in recognition of significant impairment losses;
- risks and uncertainties regarding the impact of the COVID-19 pandemic, and similar pandemics, along with restrictive measures instituted to prevent spread, on our business, the real estate industry and national, regional and local economic conditions;
- our ability to satisfy and operate effectively under Federal income tax rules relating to real estate investment trusts and partnerships;
- possible adverse changes in tax laws;
- the dilutive effects of issuing additional common shares;
- our ability to achieve projected results;
- security breaches relating to cyber attacks, cyber intrusions or other factors; and
- environmental requirements.

We undertake no obligation to publicly update or supplement forward-looking statements, whether as a result of new information, future events or otherwise. For further information on these and other factors that could affect us and the statements contained herein, you should refer to the section below entitled “Item 1A. Risk Factors.”

PART I

Item 1. Business

OUR COMPANY

General. Corporate Office Properties Trust (“COPT”) and subsidiaries (collectively, the “Company”, “we” or “us”) is a fully-integrated and self-managed real estate investment trust (“REIT”). We own, manage, lease, develop and selectively acquire office and data center properties. The majority of our portfolio is in locations that support the United States Government (“USG”) and its contractors, most of whom are engaged in national security, defense and information technology (“IT”) related activities servicing what we believe are growing, durable, priority missions (“Defense/IT Locations”). We also own a portfolio of office properties located in select urban/urban-like submarkets in the Greater Washington, DC/Baltimore region with durable Class-A office fundamentals and characteristics (“Regional Office”). As of December 31, 2021, our properties included the following:

- 186 properties totaling 21.7 million square feet comprised of 17.0 million square feet in 160 office properties and 4.7 million square feet in 26 single-tenant data center shells. We owned 19 of these data center shells through unconsolidated real estate joint ventures;
- 11 properties under development (eight office properties and three data center shells), including one partially-operational property, that we estimate will total approximately 1.7 million square feet upon completion;
- approximately 720 acres of land controlled for future development that we believe could be developed into approximately 8.9 million square feet and 43 acres of other land; and
- a wholesale data center with a capacity of 19.25 megawatts that we sold on January 25, 2022.

We conduct almost all of our operations and own almost all of our assets through our operating partnership, Corporate Office Properties, L.P. (“COPLP”) and subsidiaries (collectively, the “Operating Partnership”), of which COPT is the sole general partner. COPLP owns real estate directly and through subsidiary partnerships and limited liability companies (“LLCs”). In addition to owning real estate, COPLP also owns subsidiaries that provide real estate services such as property management, development and construction services primarily for our properties but also for third parties. Some of these services are performed by a taxable REIT subsidiary (“TRS”).

Equity interests in COPLP are in the form of common and preferred units. As of December 31, 2021, COPT owned 98.3% of the outstanding COPLP common units (“common units”) and there were no preferred units outstanding. Common units not owned by COPT carry certain redemption rights. The number of common units owned by COPT is equivalent to the number of outstanding common shares of beneficial interest (“common shares”) of COPT, and the entitlement of common units to quarterly distributions and payments in liquidation is substantially the same as that of COPT common shareholders.

COPT’s common shares are publicly traded on the New York Stock Exchange (“NYSE”) under the ticker symbol “OFC”.

We believe that COPT is organized and has operated in a manner that satisfies the requirements for taxation as a REIT under the Internal Revenue Code of 1986, as amended, and we intend to continue to operate COPT in such a manner. If COPT continues to qualify for taxation as a REIT, it generally will not be subject to Federal income tax on its taxable income (other than that of its TRS entities) that is distributed to its shareholders. A REIT is subject to a number of organizational and operational requirements, including a requirement that it distribute at least 90% of its annual taxable income to its shareholders.

Our executive offices are located at 6711 Columbia Gateway Drive, Suite 300, Columbia, Maryland 21046 and our telephone number is (443) 285-5400.

Our Internet address is www.copt.com. We make available on our Internet website free of charge our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), as soon as reasonably possible after we file such material with the Securities and Exchange Commission (the “SEC”). In addition, we have made available on our Internet website under the heading “Corporate Governance” the charters for our Board of Trustees’ Audit, Nominating and Corporate Governance, Compensation and Investment Committees, as well as our Corporate Governance Guidelines, Code of Business Conduct and Ethics and Code of Ethics for Financial Officers. We intend to make available on our website any future amendments or waivers to our Code of Business Conduct and Ethics and Code of Ethics for Financial Officers within four business days after any such amendments or waivers. The information on our Internet site is not part of this report.

The SEC maintains an Internet website that contains reports, proxy and information statements and other information regarding issuers that file electronically with the SEC. This Internet website can be accessed at www.sec.gov.

Business and Growth Strategies

Our primary goal is to deliver attractive total returns to our shareholders. This section sets forth key components of our business and growth strategies that we have in place to support this goal.

Defense/IT Locations Strategy: We specialize in serving the unique requirements of tenants in our Defense/IT Locations properties. These properties are primarily occupied by the USG and contractor tenants engaged in what we believe are high priority security, defense and IT missions. These tenants' missions pertain more to knowledge- and technology-based activities (i.e., cyber security, research and development and other highly-technical defense and security areas) than to force structure (i.e., troops) and weapon system mass production. Our office and data center shell portfolio is significantly concentrated in Defense/IT Locations, which as of December 31, 2021 accounted for 176 of the portfolio's 186 properties, representing 87.5% of its annualized rental revenue, and we control developable land to accommodate future growth in these locations. These properties generally have higher tenant renewal rates than is typical in commercial office space due in large part to: their proximity to defense installations or other key demand drivers; the ability of many of these properties to meet Anti-Terrorism Force Protection ("ATFP") requirements; and significant investments often made by tenants for unique needs such as Sensitive Compartmented Information Facility ("SCIF"), critical power supply and operational redundancy.

In recent years, data center shells have been a growth driver for our Defense/IT Locations. Data center shells are properties leased to tenants to be operated as data centers in which we provide tenants with only the core building and basic power, while the tenants fund the costs for the critical power, fiber connectivity and data center infrastructure. From 2013 through 2021, we placed into service 26 data center shells totaling 4.7 million square feet, and we had an additional three under development totaling 685,000 square feet as of December 31, 2021. We enter into long-term leases for these properties prior to commencing development, with triple-net structures and multiple extension options and rent escalators. Additionally, our tenants' funding of the costs to fully power and equip these properties significantly enhances the value of these properties and creates high barriers to exit for such tenants.

We believe that our properties and team collectively complement our Defense/IT Locations strategy due to our:

- properties' proximity to defense installations and other knowledge- and technology-based government demand drivers. Such proximity is generally preferred and often required for our tenants to execute their missions. Specifically, our:
 - office properties are proximate to such mission-critical facilities as Fort George G. Meade (which houses over 100 Department of Defense organizations and agencies, including those engaged in signals intelligence, such as U.S. Cyber Command and Defense Information Systems Agency) and Redstone Arsenal (one of the largest defense installations in the United States, housing priority missions such as Army procurement, missile defense, space exploration and research and development, testing and engineering of advanced weapons systems); and
 - data center shells are located in Northern Virginia, proximate to the MAE-East Corridor, which is a major Network Access Point in the United States for interconnecting traffic between Internet service providers;
- well-established relationships with the USG and its contractors;
- extensive experience in developing:
 - high quality office properties;
 - secured, specialized space, with the ability to satisfy the USG's unique needs (including SCIF and ATFP requirements); and
 - data center shells to customer specifications within very condensed timeframes to accommodate time-sensitive tenant demand; and
- depth of knowledge, specialized skills and credentialed personnel in operating highly-specialized properties with complex space and security-oriented needs.

Regional Office Strategy: While Defense/IT Locations are our primary focus, we also own a portfolio of office properties located in select urban/urban-like submarkets in the Greater Washington, DC/Baltimore region due to our strong market knowledge in that region. We believe that these submarkets possess the following favorable characteristics: (1) mixed-use, lifestyle-oriented locations with a robust residential and retail base; (2) proximity to public transportation and major transportation routes; (3) an educated workforce; and (4) a diverse employment base. As of December 31, 2021, we owned eight Regional Office properties, representing 11.6% of our office and data center shell portfolio's annualized rental revenue. These properties were comprised of: three high-rise Baltimore City properties proximate to the city's waterfront; four Northern Virginia properties proximate to Washington Metropolitan Area Metrorail stations and major interstates; and a newly-developed property in Washington, D.C.'s central business district.

Asset Management Strategy: We aggressively manage our portfolio to maximize the value and operating performance of each property through: (1) proactive property management and leasing; (2) maximizing tenant retention in order to minimize space downtime and additional capital associated with space rollover; (3) increasing rental rates where market conditions permit; (4) leasing vacant space; (5) achievement of operating efficiencies by increasing economies of scale and, where possible, aggregating vendor contracts to achieve volume pricing discounts; and (6) redevelopment when we believe property conditions and market demand warrant. We also continuously evaluate our portfolio and consider dispositions when properties no longer

meet our strategic objectives, or when capital markets and circumstances pertaining to such holdings otherwise warrant, in order to maximize our return on invested capital or support our capital strategy.

We aim to sustainably develop and operate our portfolio to create healthier work environments and reduce consumption of resources by: (1) developing new buildings designed to use resources with a high level of efficiency and low impact on human health and the environment during their life cycles through our participation in the U.S. Green Building Council's Leadership in Energy and Environmental Design ("LEED") program (targeting new office properties to meet or exceed LEED Silver certification standards or, when not possible, striving to otherwise incorporate LEED criteria into property designs); (2) adopting select LEED for Building Operations and Maintenance ("LEED O+M: Existing Buildings") guidelines for much of our portfolio, including cleaning, recycling and energy reduction practices; (3) investing in systems and other equipment that reduce energy consumption; (4) investing in water saving features, such as low-flow toilets and sensor-activated sinks; and (5) participating in the annual Global Real Estate Sustainability Benchmark ("GRESB") survey, which is widely recognized for measuring the environmental, social and governance ("ESG") performance of real estate companies and funds. We earned an overall score of "Green Star" on the GRESB survey in each of the last seven years, representing the highest quadrant of achievement on the survey.

Property Development and Acquisition Strategy: We expand our operating portfolio primarily through property developments in support of our Defense/IT Locations strategy, and we have significant land holdings that we believe can further support that growth while serving as a barrier against competitive supply. We pursue development activities as market conditions and leasing opportunities support favorable risk-adjusted returns on investment, and therefore typically prefer properties to be significantly leased prior to commencing development. To a lesser extent, we may also pursue growth through acquisitions, seeking to execute such transactions at attractive yields and below replacement cost.

Capital Strategy: Our capital strategy is aimed at maintaining continuous access to capital irrespective of market conditions in the most cost-effective manner by:

- maintaining an investment grade rating to enable us to use debt comprised of unsecured, primarily fixed-rate debt (including the effect of interest rate swaps) from public markets and banks;
- using secured nonrecourse debt from institutional lenders and banks;
- managing our debt by monitoring, among other things: (1) the relationship of certain measures of earnings to our debt level and to certain capital costs; (2) the timing of debt maturities to ensure that maturities in any one year do not exceed levels that we believe we can refinance; (3) our exposure to changes in interest rates; and (4) our total and secured debt levels relative to our overall capital structure;
- monitoring capacity available under revolving credit facilities and equity offering programs to provide liquidity to fund investment activities;
- raising equity through issuances of common shares, joint venture structures for certain investments and, to a lesser extent, issuances of common equity in COPLP and preferred equity;
- recycling proceeds from sales of interests in properties to fund our investment activities and/or reduce overall debt;
- paying dividends at a level that is at least sufficient for us to maintain our REIT status; and
- continuously evaluating the ability of our capital resources to accommodate our plans for growth.

Industry Segments

As of December 31, 2021, our operations included the following reportable segments: Defense/IT Locations; Regional Office; Wholesale Data Center; and Other. Our Defense/IT Locations segment included the following sub-segments:

- Fort George G. Meade and the Baltimore/Washington Corridor ("Fort Meade/BW Corridor");
- Northern Virginia Defense/IT Locations ("NoVA Defense/IT");
- Lackland Air Force Base in San Antonio, Texas;
- locations serving the U.S. Navy ("Navy Support"). Properties in this sub-segment as of December 31, 2021 were proximate to the Washington Navy Yard in Washington, D.C., the Naval Air Station Patuxent River in Maryland and the Naval Surface Warfare Center Dahlgren Division in Virginia;
- Redstone Arsenal in Huntsville, Alabama; and
- data center shells in Northern Virginia (including 19 owned through unconsolidated real estate joint ventures).

As of December 31, 2021, Defense/IT Locations comprised 176 of our office and data center shell portfolio's properties, representing 89.4% of its square feet in operations, while Regional Office comprised eight of the portfolio's properties, or 9.9% of its square feet in operations. Our Wholesale Data Center segment is comprised of one property in Manassas, Virginia that we sold on January 25, 2022.

For information relating to our reportable segments, refer to Note 16 to our consolidated financial statements, which are included in a separate section at the end of this Annual Report on Form 10-K beginning on page F-1.

Human Capital

Our Workforce: As of December 31, 2021, our workforce was comprised of 405 employees based in Maryland, where we are headquartered, Texas, Virginia, Alabama and Washington, D.C. Our workforce has varying expertise, and includes:

- Building Technicians (178 employees), of which approximately 1% were female and approximately 34% of minority race. Building technicians are skilled trades professionals who perform mechanical maintenance, maintain our operating systems and service our buildings; and
- Office Staff, outlined below, of which approximately 57% were female and approximately 28% of minority race:
 - Operations Management (68 employees): Property managers and support staff who service our tenant customer needs.
 - Asset Management and Leasing (11 employees): Customer-facing leaders who drive the financial performance of our assets.
 - Development and Construction (29 employees): Project managers and support staff who drive our development pipeline and interior design.
 - Finance and Accounting (64 employees): Professionals who manage our financial activities.
 - Company Support Functions (42 employees): Includes Human Resources, Investor Relations, Investments, Legal, Marketing, Information Technology, Facility Security and Corporate Administrative Support.
 - Senior Leadership (13 employees): Our business line and Company leaders, including our Named Executive Officers, who interface with our Board of Trustees and shareholders and manage our business strategy, functional activities, risk and overall success.

In support of our Defense/IT Locations strategy, approximately one-third of our employees carry government credentials.

We operate in markets in which we compete for human capital. We rely on our employees to drive our success and we support them with a variety of programs to enhance their workplace engagement and job fulfillment.

Culture and Workforce Engagement: We develop and reinforce our culture by emphasizing our core values, illustrated by the active acronym. active stands for: Accountability, Commitment, Teamwork, Integrity, Innovation, Value Creation and Excellence. These values are intended to serve as a compass to our workforce to inform behavior and fuel our success.

We believe in equal opportunity, engagement and ethics. All employees must adhere to our Code of Business Conduct. We survey our workforce annually to measure engagement, use the feedback to enhance engagement and believe that this has helped us achieve annual "best workplace" honors for over a decade.

Compensation Program: Our compensation philosophy is driven by accountability, which results in a pay-for-performance structure. Our compensation program includes: base salary; an annual cash bonus program based on the achievement of individual, business unit and company objectives; health and welfare benefits; a retirement savings plan with a company match; financially-supported learning programs; and employee recognition programs. We also grant common equity to all new full-time employees and provide our senior management team and high performers with the ability to earn additional grants to align their interests with those of our shareholders and to incent retention.

Wellbeing and Safety: We view wellbeing as including five pillars: Physical, Emotional, Career, Financial and Community. We design programs to support each of these pillars. We directly incent wellbeing behaviors through a points-driven program each year. Employees who achieve the points threshold receive reductions in medical premiums or contributions to their health savings accounts. We believe this program enhances employee wellbeing and reduces medical costs.

Safety is a key part of our employee wellbeing, largely weighted in the Physical pillar. Recognizing this, we conduct job-tailored safety training on an ongoing basis. We also monitor our workers' compensation claims to measure the effectiveness of our safety program.

With wellbeing and safety in mind, in response to the COVID-19 pandemic, we continue to focus on safety in the operations of our properties and workplaces through various protocols, including extensive communication with employees, contact tracing and the use of company-provided personal protective equipment.

Talent Development: We aim to attract, retain and develop our top talent throughout the employment cycle in order to enhance our talent pool. During 2021, our workforce size did not change significantly, with 49 new hires and 50 departures (an attrition rate of approximately 12%).

We offer robust learning programs to all employees, including educational assistance for college-level and vocational degree programs, and cover all expenses for licenses and certifications, management and leadership courses, key skills training and industry and professional conferences. Further, we offer internship programs to facilitate teaching and learning from others.

Community Engagement: We encourage employee engagement with our communities to facilitate personal growth and connection and to enhance our citizenship within our communities. We provide a platform for employees to engage with communities by contributing time, effort, money and expertise, which includes providing employees eight hours of paid time per year to engage in volunteer activities to serve our community directly in a company-organized team or individual format. Our employees select community non-profits for Corporate giving grants and for volunteer time contributions. We empower our employees to become involved and fuel our success in community partnerships.

Competition

The commercial real estate market is highly competitive. Numerous commercial landlords compete with us for tenants. Some of the properties competing with ours may be newer or in more desirable locations, or the competing properties' owners may be willing to accept lower rents. We also compete with our own tenants, many of whom have the right to sublease their space. The competitive environment for leasing is affected considerably by a number of factors including, among other things, changes in economic conditions and supply of and demand for space. These factors may make it difficult for us to lease existing vacant space and space associated with future lease expirations at rental rates that are sufficient to produce acceptable operating cash flows.

We occasionally compete for the acquisition of land and commercial properties with many entities, including other publicly-traded commercial REITs. Competitors for such acquisitions may have substantially greater financial resources than ours. In addition, our competitors may be willing to accept lower returns on their investments or may be willing to incur higher leverage.

We also compete with many entities, including other publicly-traded commercial office REITs, for capital. This competition could adversely affect our ability to raise capital we may need to fulfill our capital strategy.

In addition, we compete with many entities for talent. If there is an increase in the costs for us to retain employees or if we otherwise fail to attract and retain such employees, our business and operating results could be adversely effected.

Item 1A. Risk Factors

Set forth below are risks and uncertainties relating to our business and the ownership of our securities. These risks and uncertainties may lead to outcomes that could adversely affect our financial position, results of operations, cash flows or ability to make expected distributions to our shareholders. You should carefully consider each of these risks and uncertainties, along with all of the information in this Annual Report on Form 10-K and its Exhibits, including our consolidated financial statements and notes thereto for the year ended December 31, 2021 included in a separate section at the end of this report beginning on page F-1.

Risks Associated with the Real Estate Industry and Our Properties

Our performance and asset value are subject to risks associated with our properties and with the real estate industry. Real estate investments are subject to various risks and fluctuations in value and demand, many of which are beyond our control. Our performance and the value of our real estate assets may decline due to conditions in the general economy and the real estate industry, which could adversely affect our financial position, results of operations, cash flows or ability to make expected distributions to our shareholders. These conditions include, but are not limited to:

- downturns in national, regional and local economic environments, including increases in the unemployment rate and inflation or deflation;
- competition from other properties;
- trends in office real estate that may adversely affect future demand, including remote work and flexible work arrangements, open workspaces and coworking spaces;
- deteriorating local real estate market conditions, such as oversupply, reduction in demand and decreasing rental rates;
- declining real estate valuations;
- adverse developments concerning our tenants, which could affect our ability to collect rents and execute lease renewals;
- government actions and initiatives, including risks associated with the impact of prolonged government shutdowns and budgetary reductions or impasses, such as a reduction of rental revenues, non-renewal of leases and/or reduced or delayed demand for additional space by our strategic customers;
- increasing operating costs, including insurance, utilities, real estate taxes and other expenses, some of which we may not be able to pass through to tenants;
- increasing vacancies and the need to periodically repair, renovate and re-lease space;
- increasing interest rates and unavailability of financing on acceptable terms or at all;
- unavailability of financing for potential purchasers of our properties;
- adverse changes resulting from the COVID-19 pandemic, and similar pandemics, along with restrictive measures instituted to prevent spread, on our business, the real estate industry and national, regional and local economic conditions;
- adverse changes in taxation or zoning laws;

- potential inability to secure adequate insurance;
- adverse consequences resulting from civil disturbances, natural disasters, terrorist acts or acts of war;
- adverse consequences due to the impact of climate change; and
- potential liability under environmental or other laws or regulations.

Our business may be affected by adverse economic conditions. Our business may be affected by adverse economic conditions in the United States economy or real estate industry as a whole or by the local economic conditions in the markets in which our properties are located, including the impact of high unemployment, inflation or deflation and constrained credit. Adverse economic conditions could increase the likelihood of tenants encountering financial difficulties, including bankruptcy, insolvency or general downturn of business, and as a result could increase the likelihood of tenants defaulting on their lease obligations to us. Such conditions could also decrease our likelihood of successfully renewing tenants at favorable terms or leasing vacant space in existing properties or newly-developed properties. In addition, such conditions could disrupt the operations, or profitability, of our business or increase the level of risk that we may not be able to obtain new financing for development activities, refinancing of existing debt, acquisitions or other capital requirements at reasonable terms, if at all.

We may suffer adverse consequences as a result of our reliance on rental revenues for our income. We earn revenue from leasing our properties. Certain of our operating costs do not necessarily fluctuate in relation to changes in our rental revenue. This means that these costs will not necessarily decline and may increase even if our revenues decline.

For new tenants or upon expiration of existing leases, we generally must make improvements and pay other leasing costs for which we may not receive increased rents. We also make building-related capital improvements for which tenants may not reimburse us.

If our properties do not generate revenue sufficient to meet our operating expenses and capital costs, we may need to borrow additional amounts to cover these costs. In such circumstances, we would likely have lower profits or possibly incur losses. We may also find in such circumstances that we are unable to borrow to cover such costs, in which case our operations could be adversely affected.

In addition, the competitive environment for leasing is affected considerably by a number of factors including, among other things, changes due to economic factors such as supply and demand. These factors may make it difficult for us to lease existing vacant space and space associated with future lease expirations at rental rates that are sufficient to meet our short-term capital needs.

We rely on the ability of our tenants to pay rent and would be harmed by their inability to do so. Our performance depends on the ability of our tenants to fulfill their lease obligations by paying their rental payments in a timely manner. As a result, we would be harmed if one or more of our major tenants, or a number of our smaller tenants, were to experience financial difficulties, including bankruptcy, insolvency, prolonged government shutdown or general downturn of business.

We may be adversely affected by developments concerning our major tenants or the USG and its contractors, including prolonged shutdowns of the government and actual, or potential, reductions in government spending targeting knowledge- and technology-based activities. As of December 31, 2021, our 10 largest tenants accounted for 63.6% of our total annualized rental revenue, the three largest of these tenants accounted for 50.5%, and the USG, our largest tenant, accounted for 35.6%. We calculate annualized rental revenue by multiplying by 12 the sum of monthly contractual base rents (ignoring free rent in effect and rent associated with tenant funded landlord costs) and estimated monthly expense reimbursements under active leases in our portfolio as of December 31, 2021; with regard to properties owned through unconsolidated real estate joint ventures, we include the portion of annualized rental revenue allocable to our ownership interest. For additional information regarding our tenant concentrations, refer to the section entitled "Concentration of Operations" within the section entitled "Management's Discussion and Analysis of Financial Condition and Results of Operations."

Most of our leases with the USG provide for a series of one-year terms. The USG may terminate its leases if, among other reasons, the United States Congress fails to provide funding. We would be harmed if any of our largest tenants fail to make rental payments to us over an extended period of time, including as a result of a prolonged government shutdown, or if the USG elects to terminate some or all of its leases and the space cannot be re-leased on satisfactory terms.

As of December 31, 2021, 87.5% of our office and data center shell properties' total annualized rental revenue was from Defense/IT Locations, and we expect to maintain a similarly high revenue concentration from properties in these locations. A reduction in government spending targeting the activities of the government and its contractors (such as knowledge- and technology-based defense and security activities) in these locations could adversely affect our tenants' ability to fulfill lease obligations, renew leases or enter into new leases and limit our future growth from properties in these locations. Moreover, uncertainty regarding the potential for future reduction in government spending targeting such activities could also decrease or delay leasing activity from tenants engaged in these activities.

Our future ability to fuel growth through data center shell development may be adversely affected should we suffer a loss of future development opportunities with our data center shell customer. Data center shells have been a significant growth driver for us in recent years, enabling us to develop and place into service fully-occupied, single-tenant properties, with long-term leases and rent escalators. These properties have garnered the interest of outside investors, enabling us to raise capital by selling ownership interests through joint venture structures in recent years at favorable profit margins, and to apply the proceeds towards other development opportunities. Our data center shell activity is concentrated with one customer. If that customer no longer chooses to allocate development opportunities to us, we may have limited opportunities to continue to use data center shells as a growth driver and possible source of future capital.

We may suffer economic harm in the event of a decline in the real estate market or general economic conditions in the Mid-Atlantic region, particularly in the Greater Washington, DC/Baltimore region, or in particular business parks. Most of our properties are located in the Mid-Atlantic region of the United States, particularly in the Greater Washington, DC/Baltimore region. Many of our properties are also concentrated in business parks in which we own most of the properties. Consequently, our portfolio of properties is not broadly distributed geographically. As a result, we would be harmed by a decline in the real estate market or general economic conditions in the Mid-Atlantic region, the Greater Washington, DC/Baltimore region or the business parks in which our properties are located.

We would suffer economic harm if we were unable to renew our leases on favorable terms. When leases expire, our tenants may not renew or may renew on terms less favorable to us than the terms of their original leases. If a tenant vacates a property, we can expect to experience a vacancy for some period of time, as well as incur higher leasing costs than we would likely incur if a tenant renews. As a result, we may be harmed if we experience a high volume of tenant departures at the end of their lease terms.

We may be adversely affected by trends in the office real estate industry. Businesses have increasingly implemented remote work and flexible work arrangements. There has also been a trend of businesses utilizing open workspaces and coworking spaces. These practices enable businesses to reduce their space requirements. These trends, some of which could accelerate as a result of changes in work practices during the COVID-19 pandemic, could erode demand for commercial office space and, in turn, place downward pressure on occupancy, rental rates and property valuations.

We may encounter a significant decline in the value of our real estate. The value of our real estate could be adversely affected by general economic and market conditions connected to a specific property or property type, a market or submarket, a broader economic region or the office real estate industry. Examples of such conditions include a broader economic recession, declining demand and decreases in market rental rates and/or market values of real estate assets. If our real estate assets significantly decline in value, it could result in our recognition of impairment losses. Moreover, a decline in the value of our real estate could adversely affect the amount of borrowings available to us under future credit facilities and other loans.

We may not be able to compete successfully with other entities that operate in our industry. The commercial real estate market is highly competitive. Numerous commercial properties compete with our properties for tenants; some of the properties competing with ours may be newer or in more desirable locations, or the competing properties' owners may be willing to accept lower rates than are acceptable to us. In addition, we compete for the acquisition of land and commercial properties with many entities, including other publicly-traded REITs; competitors for such acquisitions may have substantially greater financial resources than ours, or may be willing to accept lower returns on their investments or incur higher leverage.

Real estate investments are illiquid, and we may not be able to dispose of properties on a timely basis when we determine it is appropriate to do so. Real estate investments can be difficult to sell and convert to cash quickly, especially if market conditions, including real estate lending conditions, are not favorable. Such illiquidity could limit our ability to fund capital needs or quickly change our portfolio of properties in response to changes in economic or other conditions. Moreover, under certain circumstances, the Internal Revenue Code imposes penalties on a REIT that sells property held for less than two years and limits the number of properties it can sell in a given year.

We may be unable to successfully execute our plans to develop additional properties. Although the majority of our investments are in operating properties, we also develop and redevelop properties, including some that are not fully pre-leased. When we develop or redevelop properties, we assume a number of risks, including, but not limited to, the risk of: actual costs exceeding our budgets; conditions or events occurring that delay or preclude our ability to complete the project as originally planned or at all; projected leasing not occurring; and not being able to obtain financing to fund property development activities.

We may suffer adverse effects from acquisitions of commercial real estate properties. We may pursue acquisitions of existing commercial real estate properties as part of our property development and acquisition strategy. Acquisitions of commercial properties entail risks, such as the risk that we may not be in a position, or have the opportunity in the future, to make suitable property acquisitions on advantageous terms and/or that such acquisitions fail to perform as expected.

We may pursue selective acquisitions of properties in regions where we have not previously owned properties. These acquisitions may entail risks in addition to those we face with acquisitions in more familiar regions, such as our not sufficiently anticipating conditions or trends in such regions and therefore not being able to operate the acquired properties profitably.

In addition, we may acquire properties that are subject to liabilities in situations where we have no recourse, or only limited recourse, against the prior owners or other third parties with respect to unknown liabilities. As a result, if a liability were asserted against us based upon ownership of those properties, we might have to pay substantial sums to settle or contest it. Examples of unknown liabilities with respect to acquired properties include, but are not limited to:

- liabilities for remediation of disclosed or undisclosed environmental contamination;
- claims by tenants, vendors or other persons dealing with the former owners of the properties;
- liabilities incurred in the ordinary course of business; and
- claims for indemnification by general partners, directors, officers and others indemnified by the former owners of the properties.

Data center space in certain of our office properties may be difficult to reposition for alternative uses. Certain of our office properties contain data center space, which is highly specialized space containing extensive electrical and mechanical systems that are uniquely designed to run and maintain banks of computer servers. Data centers are subject to obsolescence risks. If we need to reposition such space for another use, the renovations required to do so could be difficult and costly, and we may, as a result, deem such renovations to be impractical.

We may be subject to possible environmental liabilities. We are subject to various Federal, state and local environmental laws, including air and water quality, hazardous or toxic substances and health and safety. These laws can impose liability on current and prior property owners or operators for the costs of removal or remediation of hazardous substances released on a property, even if the property owner was not responsible for, or even aware of, the release of the hazardous substances. Costs resulting from environmental liability could be substantial. The presence of hazardous substances on our properties may also adversely affect occupancy and our ability to sell or borrow against those properties. In addition to the costs of government claims under environmental laws, private plaintiffs may bring claims for personal injury or other reasons. Additionally, various laws impose liability for the costs of removal or remediation of hazardous substances at the disposal or treatment facility; anyone who arranges for the disposal or treatment of hazardous substances at such a facility is potentially liable under such laws.

Although most of our properties have been subject to varying degrees of environmental assessment, many of these assessments are limited in scope and may not include or identify all potential environmental liabilities or risks associated with the property. Identification of new compliance concerns or undiscovered areas of contamination, changes in the extent or known scope of contamination, discovery of additional sites, human exposure to the contamination or changes in cleanup or compliance requirements could result in significant costs to us.

We may be adversely affected by natural disasters and the effects of climate change. Natural disasters, including earthquakes and severe storms could adversely impact our properties. We could also over time be adversely impacted by the effects of climate change on our properties, including the potential for more frequent or destructive severe weather events and rising sea levels. Such events could adversely affect our properties in a number of ways, including, but not limited to: declining demand for space; our ability to operate them effectively and profitably; their valuations; and our ability to sell them or use them as collateral for future debt. We could also be adversely affected by regulatory changes made in response to climate change that increase our costs to operate and develop properties.

Terrorist attacks or incidents related to social unrest may adversely affect the value of our properties, our financial position and cash flows. We have significant investments in properties located in large metropolitan areas or near military installations. Future terrorist attacks or incidents related to social unrest could directly or indirectly damage our properties or cause losses that materially exceed our insurance coverage. After such an attack or incident, tenants in these areas may choose to relocate their businesses to areas of the United States that may be perceived to be less likely targets of future terrorist activity or unrest, and fewer customers may choose to patronize businesses in these areas. This in turn would trigger a decrease in the demand for space in these areas, which could increase vacancies in our properties and force us to lease space on less favorable terms.

We may be subject to other possible liabilities that would adversely affect our financial position and cash flows. Our properties may be subject to other risks related to current or future laws, including laws relating to zoning, development, fire and life safety requirements and other matters. These laws may require significant property modifications in the future and could result in the levy of fines against us. In addition, although we believe that we adequately insure our properties, we are subject to the risk that our insurance may not cover all of the costs to restore a property that is damaged by a fire or other catastrophic events, including acts of war or, as mentioned above, terrorism.

We may be subject to increased costs of insurance and limitations on coverage. Our portfolio of properties is insured for losses under our property, casualty and umbrella insurance policies. These policies include coverage for acts of terrorism. Future changes in the insurance industry's risk assessment approach and pricing structure may increase the cost of insuring our properties and decrease the scope of insurance coverage. Most of our loan agreements contain customary covenants requiring us to maintain insurance. Although we believe that we have adequate insurance coverage for purposes of these agreements, we may not be able to obtain an equivalent amount of coverage at reasonable costs, or at all, in the future. In addition, if lenders insist on greater coverage than we are able to obtain, it could adversely affect our ability to finance and/or refinance our properties and execute our growth strategies.

We may suffer economic harm as a result of the actions of our partners in real estate joint ventures and other investments. We may invest in certain entities in which we are not the exclusive investor or principal decision maker. Investments in such entities may, under certain circumstances, involve risks not present when a third party is not involved, including the possibility that the other parties to these investments might become bankrupt or fail to fund their share of required capital contributions. Our partners in these entities may have economic, tax or other business interests or goals that are inconsistent with our business interests or goals, and may be in a position to take actions contrary to our policies or objectives. Such investments may also lead to impasses on major decisions, such as whether or not to sell a property, because neither we nor the other parties to these investments may have full control over the entity. In addition, we may in certain circumstances be liable for the actions of the other parties to these investments.

Our business could be adversely affected by a negative audit by the USG. Agencies of the USG, including the Defense Contract Audit Agency and various agency Inspectors General, routinely audit and investigate government contractors. These agencies review a contractor's performance under its contracts, cost structure and compliance with applicable laws, regulations and standards. The USG also reviews the adequacy of, and a contractor's compliance with, its internal control systems and policies. Any costs found to be misclassified may be subject to repayment. If an audit or investigation uncovers improper or illegal activities, we may be subject to civil or criminal penalties and administrative sanctions, including termination of contracts, forfeiture of profits, suspension of payments, fines and suspension or prohibition from doing business with the USG. In addition, we could suffer serious reputational harm if allegations of impropriety were made against us.

Risks Associated with Financing and Other Capital-Related Matters

We are dependent on external sources of capital for growth. Because COPT is a REIT, it must distribute at least 90% of its annual taxable income to its shareholders. Due to this requirement, we are not able to significantly fund our investment activities using retained cash flow from operations. Therefore, our ability to fund these activities is dependent on our ability to access debt or equity capital. Such capital could be in the form of new debt, common shares, preferred shares, common or preferred units in COPLP, joint venture funding or sales of interests in properties. These capital sources may not be available on favorable terms or at all. Moreover, additional debt financing may substantially increase our leverage and subject us to covenants that restrict management's flexibility in directing our operations. Our inability to obtain capital when needed could have a material adverse effect on our ability to expand our business and fund other cash requirements.

We often use our Revolving Credit Facility to initially finance much of our investing activities and certain financing activities. Our lenders under this and other facilities could, for financial hardship or other reasons, fail to honor their commitments to fund our requests for borrowings under these facilities. If lenders default under these facilities by not being able or willing to fund a borrowing request, it would adversely affect our ability to access borrowing capacity under these facilities.

We may suffer adverse effects as a result of the indebtedness that we carry and the terms and covenants that relate to this debt. As of December 31, 2021, we had \$2.3 billion in debt, the future maturities of which are set forth in Note 10 to our consolidated financial statements. Payments of principal and interest on our debt may leave us with insufficient cash to operate our properties or pay distributions to COPT's shareholders required to maintain COPT's qualification as a REIT. We are also subject to the risks that:

- we may not be able to refinance our existing indebtedness, or may only be able to do so on terms that are less favorable to us than the terms of our existing indebtedness;
- in the event of our default under the terms of our Revolving Credit Facility, COPLP could be restricted from making cash distributions to COPT unless such distributions are required to maintain COPT's qualification as a REIT, which could result in reduced distributions to our equityholders or the need for us to incur additional debt to fund such distributions; and
- if we are unable to pay our debt service on time or are unable to comply with restrictive financial covenants for certain of our debt, our lenders could foreclose on our properties securing such debt and, in some cases, other properties and assets that we own.

Most of our unsecured debt is cross-defaulted, which means that failure to pay interest or principal on the debt above a threshold value will create a default on certain of our other debt.

If interest rates were to rise, our debt service payments on debt with variable interest rates would increase.

Our operations likely will not generate enough cash flow to repay all of our debt without additional borrowings, equity issuances and/or property sales. If we cannot refinance, extend the repayment date of, or otherwise raise funds required to repay, debt by its maturity date, we would default on such debt.

Our organizational documents do not limit the amount of indebtedness that we may incur. Therefore, we may incur additional indebtedness and become more highly leveraged, which could harm our financial position.

We may suffer adverse effects from changes in the method of determining LIBOR or the replacement of LIBOR with an alternative interest rate. Our variable-rate debt and interest rate swaps use as a reference rate the London Interbank Offered Rate (“LIBOR”), as calculated for the U.S. dollar (“USD-LIBOR”). In March 2021, the Financial Conduct Authority (“FCA”), the regulatory body in the United Kingdom that oversees LIBOR, announced that USD LIBOR will not be published after June 30, 2023. The FCA also established the spread that may be used to automatically convert contracts from LIBOR to the Secured Overnight Financing Rate (“SOFR”). As a result, banking regulators have encouraged banks to discontinue new LIBOR-based debt issuances by December 31, 2021. Any changes adopted by the FCA or other governing bodies in the method used for determining LIBOR may result in a sudden or prolonged increase or decrease in reported LIBOR. If that were to occur, our interest payments could change. In addition, uncertainty about the extent and manner of future changes may result in interest rates and/or payments that are higher or lower than if LIBOR were to remain available in its current form. The value of our debt or interest rate swaps tied to LIBOR, as well as interest rates on our current or future indebtedness, may also be impacted if LIBOR is limited or discontinued. The method of transitioning to an alternative reference rate may potentially be challenging, especially if we cannot agree with the respective counterparty about how to make the transition.

While we expect LIBOR to be available in substantially its current form until at least the end of June 30, 2023, it is possible that LIBOR will become unavailable prior to that point. This could result, for example, if sufficient banks decline to make submissions to the LIBOR administrator. In that case, the risks associated with the transition to an alternative reference rate will be accelerated and magnified. Alternative rates and other market changes related to the replacement of LIBOR, including the introduction of financial products and changes in market practices, may lead to risk modeling and valuation challenges, such as adjusting interest rate accrual calculations and building a term structure for an alternative rate. The introduction of an alternative rate also may create additional basis risk and increased volatility as alternative rates are phased in and utilized in parallel with LIBOR. Adjustments to systems and mathematical models to properly process and account for alternative rates will also be required, which may result in additional costs to us.

A downgrade in our credit ratings would materially adversely affect our business and financial condition. Our Senior Notes are currently rated investment grade by the three major rating agencies. These credit ratings are subject to ongoing evaluation by the credit rating agencies and can change. Any downgrades of our ratings or a negative outlook by the credit rating agencies would have a materially adverse impact on our cost and availability of capital and also could have a materially adverse effect on the market price of our common shares. In addition, since the variable interest rate spread and facility fees on certain of our debt, including our Revolving Credit Facility and a term loan facility, is determined based on our credit ratings, a downgrade in our credit ratings would increase the payments required on such debt.

We have certain distribution requirements that reduce cash available for other business purposes. Since COPT is a REIT, it must distribute at least 90% of its annual taxable income, which limits the amount of cash that can be retained for other business purposes, including amounts to fund development activities and acquisitions. Also, due to the difference in time between when we receive revenue and pay expenses and when we report such items for distribution purposes, it is possible that we may need to borrow funds for COPT to meet the 90% distribution requirement.

We may issue additional common or preferred equity that dilutes our shareholders’ interests. We may issue additional common shares or new issuances of preferred shares without shareholder approval. Similarly, we may issue additional common units, or issue preferred units, in COPLP for contributions of cash or property without approval by our shareholders. Our existing shareholders’ interests could be diluted if such additional issuances were to occur.

A number of factors could cause our security prices to decline. As is the case with any publicly-traded securities, certain factors outside of our control could influence the value of our equity security issuances. These conditions include, but are not limited to:

- market perception of REITs in general and office REITs in particular;
- market perception regarding our major tenants and sector concentrations;
- the level of institutional investor interest in us;
- general economic and business conditions;
- prevailing interest rates;
- our financial performance;
- our underlying asset value;
- market perception of our financial condition, performance, dividends and growth potential; and

- adverse changes in tax laws.

We may be unable to continue to make distributions to our shareholders at expected levels. We expect to make regular quarterly cash distributions to our shareholders. However, our ability to make such distributions depends on a number of factors, some of which are beyond our control. Some of our loan agreements contain provisions that could, in the event of default, restrict future distributions unless we meet certain financial tests or such payments or distributions are required to maintain COPT's qualification as a REIT. Our ability to make distributions at expected levels is also dependent, in part, on other matters, including, but not limited to:

- continued property occupancy and timely receipt of rent from our tenants;
- the amount of future capital expenditures and expenses for our properties;
- our leasing activity and future rental rates;
- the strength of the commercial real estate market;
- our ability to compete;
- governmental actions and initiatives, including risks associated with the impact of a prolonged government shutdown or budgetary reductions or impasses;
- our costs of compliance with environmental and other laws;
- our corporate overhead levels;
- our amount of uninsured losses; and
- our decision to reinvest in operations rather than distribute available cash.

In addition, we can make distributions to holders of our common shares only after we make preferential distributions to holders of any outstanding preferred equity.

Our ability to pay distributions may be limited, and we cannot provide assurance that we will be able to pay distributions regularly. Our ability to pay distributions will depend on a number of things discussed elsewhere herein, including our ability to operate profitably and generate cash flow from our operations. We cannot guarantee that we will be able to pay distributions on a regular quarterly basis in the future. Additionally, the terms of some of our debt may limit our ability to make some types of payments and distributions in the event of certain default situations. This may limit our ability to make some types of payments, including payment of distributions on common or preferred shares, unless we meet certain financial tests or such payments or distributions are required to maintain COPT's qualification as a REIT. As a result, if we are unable to meet the applicable financial tests, we may not be able to pay distributions in one or more periods. Furthermore, any new common or preferred shares that may be issued in the future for raising capital, financing acquisitions, share-based compensation arrangements or otherwise will increase the cash required to continue to pay cash distributions at current levels.

We may experience significant losses and harm to our financial condition if financial institutions holding our cash and cash equivalents file for bankruptcy protection. We believe that we maintain our cash and cash equivalents with high quality financial institutions. We have not experienced any losses to date on our deposited cash. However, we may incur significant losses and harm to our financial condition in the future if we were holding large sums of cash in any of these financial institutions at a time when they filed for bankruptcy protection.

Risks Associated with COVID-19 and Similar Pandemics

We may suffer further adverse effects from the COVID-19 pandemic, and similar pandemics, along with restrictive measures instituted to prevent spread. Since first being declared a pandemic by the World Health Organization in early March 2020, the coronavirus, or COVID-19, continues to spread world- and nation-wide as of the date of this filing. Since the beginning of 2021, the United States has significantly increased the proportion of the population that has received COVID-19 vaccines, and there is increased confidence that spread of COVID-19 can, to a large extent, be contained through vaccinations and wearing masks indoors in public. As a result, most restrictive measures that were previously instituted by governments and other authorities to control spread have been gradually lifted and an increased proportion of the population has resumed a return to normal activities. However, there continues to be significant uncertainty regarding the duration and extent of the pandemic due to factors such as the continuing spread of the virus, the pace of world- and nation-wide vaccination efforts, the continued emergence of new variants of the virus and the efficacy of vaccines against such variants.

COVID-19, and any similar pandemics should they occur, along with measures instituted to prevent spread, may adversely affect us in many ways, including, but not limited to:

- disruption of our tenants' operations, which could adversely affect their ability, or willingness, to sustain their businesses and/or fulfill their lease obligations;
- our ability to maintain occupancy in our properties and obtain new leases for unoccupied and new development space at favorable terms or at all;
- shortages in supply of products or services from our and our tenants' vendors that are needed for us and our tenants to operate effectively, and which could lead to increased costs for such products and services;

- access to debt and equity capital on attractive terms or at all. Severe disruption and instability in the global financial markets or deteriorations in credit and financing conditions may affect our or our tenants' ability to access capital necessary to fund operations, refinance debt or fund planned investments on a timely basis, and may adversely affect the valuation of financial assets and liabilities;
- our and our tenants' ability to continue or complete planned development, including the potential for delays in the supply of materials or labor necessary for development; and
- an increase in the pace of businesses implementing remote work arrangements over the long-term, which would adversely effect demand for office space.

The extent of the effect on our operations, financial condition and cash flows will be dependent on future developments, including the duration and extent of the pandemic, the prevalence, strength and duration of restrictive measures and the resulting effects on our tenants, potential future tenants, the commercial real estate industry and the broader economy, all of which are uncertain and difficult to predict. Moreover, some of the risks described in other risk factors set forth in this Annual Report on Form 10-K may be more likely to impact us as a result of COVID-19, and any similar pandemics should they occur, and the responses to curb spread, including, but not limited to: downturns in national, regional and local economic environments; deteriorating local real estate market conditions; and declining real estate valuations.

Other Risks

Our business could be adversely affected by security breaches through cyber attacks, cyber intrusions or otherwise. We face risks associated with security breaches and other significant disruptions of our information technology networks and related systems, which are essential to our business operations. Such breaches and disruptions may occur through cyber attacks or cyber intrusions over the Internet, malware, computer viruses, attachments to e-mails or by actions of persons inside our organization, including those with access to our systems. Because of our concentration on serving the USG and its contractors with a general focus on national security and information technology, we may be more likely to be targeted by cyber attacks, including by governments, organizations or persons hostile to the USG. We have preventative, detective and responsive measures in place to maintain the security and integrity of our networks and related systems that have to date enabled us to avoid breaches and disruptions that were individually, or in the aggregate, material. We also have insurance coverage in place in the event of significant future losses from breaches and disruptions. However, despite our activities to maintain the security and integrity of our networks and related systems, there can be no absolute assurance that these activities will be effective in mitigating these risks. A security breach involving our networks and related systems could disrupt our operations in numerous ways, including compromising the confidential information of our tenants, customers, vendors and employees, which could damage our relationships with such parties, and disrupting the proper functioning of our networks and systems on which much of our operations depend.

Our business could be adversely impacted if we are unable to attract and retain highly-qualified personnel. Our ability to operate effectively and succeed in the future is dependent in large part on our employees. Our Defense/IT Locations strategy in particular relies on the knowledge, specialized skills and credentialed personnel on our teams that serve those properties' unique needs. We face very intense competition for highly-qualified personnel in the labor market. We also occasionally face even greater competition for personnel with certain skill sets or qualifications. As a result, we may not be successful in retaining our existing talent or attracting, training and retaining new personnel with the requisite skills. We may also find that we need to further increase compensation costs in response to this competition. Our business could be harmed by the loss of key employees, a significant number of employees or a significant number of employees in a specialized area of the Company.

We have certain provisions or statutes that may serve to delay or prevent a transaction or a change in control that would be advantageous to our shareholders from occurring. COPT's Declaration of Trust limits ownership of its common shares by any single shareholder to 9.8% of the number of the outstanding common shares or 9.8% of the value of the outstanding common shares, whichever is more restrictive. COPT's Declaration of Trust also limits ownership by any single shareholder of our common and preferred shares in the aggregate to 9.8% of the aggregate value of our outstanding common and preferred shares. We call these restrictions the "Ownership Limit." COPT's Declaration of Trust allows our Board of Trustees to exempt shareholders from the Ownership Limit. The Ownership Limit and the restrictions on ownership of our common shares may delay or prevent a transaction or a change of control that might involve a premium price for our common shares or otherwise be in the best interest of our shareholders.

Subject to the requirements of the New York Stock Exchange, our Board of Trustees has the authority, without shareholder approval, to issue additional securities on terms that could delay or prevent a change in control. In addition, our Board of Trustees has the authority to reclassify any of our unissued common shares into preferred shares. Our Board of Trustees may issue preferred shares with such preferences, rights, powers and restrictions as our Board of Trustees may determine, which could also delay or prevent a change in control.

In addition, various Maryland laws may have the effect of discouraging offers to acquire us, even if the acquisition would be advantageous to shareholders. Resolutions adopted by our Board of Trustees and/or provisions of our bylaws exempt us from

such laws, but our Board of Trustees can alter its resolutions or change our bylaws at any time to make these laws applicable to us.

COPT's failure to qualify as a REIT would have adverse tax consequences, which would substantially reduce funds available to make distributions to our shareholders. We believe that COPT has qualified for taxation as a REIT for Federal income tax purposes since 1992. We plan for COPT to continue to meet the requirements for taxation as a REIT. Many of these requirements, however, are highly technical and complex. The determination that COPT is a REIT requires an analysis of various factual matters and circumstances that may not be totally within our control. For example, to qualify as a REIT, at least 95% of COPT's gross income must come from certain sources that are specified in the REIT tax laws. COPT is also required to distribute to shareholders at least 90% of its annual taxable income. The fact that COPT holds most of its assets through COPLP and its subsidiaries further complicates the application of the REIT requirements. Even a technical or inadvertent mistake could jeopardize COPT's REIT status. Furthermore, Congress and the Internal Revenue Service might make changes to the tax laws and regulations and the courts might issue new rulings that make it more difficult or impossible for COPT to remain qualified as a REIT.

If COPT fails to qualify as a REIT, it would be subject to Federal income tax at regular corporate rates. Also, unless the Internal Revenue Service granted us relief under certain statutory provisions, COPT would remain disqualified from being a REIT for four years following the year it first fails to qualify. If COPT fails to qualify as a REIT, it would have to pay significant income taxes and would therefore have less money available for investments or for distributions to our shareholders. In addition, if COPT fails to qualify as a REIT, it would no longer be required to pay distributions to shareholders. As a result of all these factors, COPT's failure to qualify as a REIT could impair our ability to expand our business and raise capital and would likely have a significant adverse effect on the value of our shares.

We may be adversely impacted by changes in tax laws. At any time, U.S. federal tax laws or the administrative interpretations of those laws may be changed. We cannot predict whether, when or to what extent new U.S. federal tax laws, regulations, interpretations or rulings will be issued. In addition, while REITs generally receive certain tax advantages compared to entities taxed as C corporations, it is possible that future legislation could result in REITs having fewer tax advantages, and therefore becoming a less attractive investment alternative. As a result, changes in U.S. federal tax laws could negatively impact our operating results, financial condition and business operations, and adversely impact our shareholders.

Occasionally, changes in state and local tax laws or regulations are enacted that may result in an increase in our tax liability. Shortfalls in tax revenues for states and municipalities may lead to an increase in the frequency and size of such changes. If such changes occur, we may be required to pay additional taxes on our assets, revenue or income.

Our tenants and contractual counterparties could be designated "Prohibited Persons" by the Office of Foreign Assets Control. The Office of Foreign Assets Control of the United States Department of the Treasury ("OFAC") maintains a list of persons designated as terrorists or who are otherwise blocked or banned ("Prohibited Persons"). OFAC regulations and other laws prohibit us from conducting business or engaging in transactions with Prohibited Persons. If a tenant or other party with whom we conduct business is placed on the OFAC list or is otherwise a party with whom we are prohibited from doing business, we would be required to terminate our lease or other agreement with them.

Item 1B. Unresolved Staff Comments

None.

Item 2. Properties

The following table provides certain information about our operating property segments as of December 31, 2021 (dollars and square feet in thousands, except per square foot amounts):

Segment	Number of Properties	Rentable Square Feet or Megawatts ("MW")	Occupancy (1)	Annualized Rental Revenue (2)	Annualized Rental Revenue per Occupied Square Foot (2)
Office and Data Center Shell Portfolio					
Defense/IT Locations:					
Fort Meade/BW Corridor:					
National Business Park (Annapolis Junction, MD)	32	3,926	92.8 %	\$ 148,175	\$ 40.68
Howard County, MD	35	2,851	86.2 %	70,451	28.62
Other	23	1,725	89.7 %	47,855	30.76
Fort Meade/BW Corridor Subtotal / Average	90	8,502	90.0 %	266,481	\$ 34.79
NoVA Defense/IT	14	2,336	89.5 %	75,295	\$ 36.00
Lackland Air Force Base	8	1,060	100.0 %	60,317	\$ 52.56
Navy Support	21	1,243	93.9 %	33,132	\$ 28.33
Redstone Arsenal	17	1,529	90.8 %	30,541	\$ 21.86
Data Center Shells:					
Consolidated Properties	7	1,557	100.0 %	25,595	\$ 16.43
Unconsolidated Joint Venture Properties (3)	19	3,182	100.0 %	4,560	\$ 14.33
Defense/IT Locations Subtotal / Average	176	19,409	93.2 %	495,921	\$ 32.22
Regional Office	8	2,144	87.3 %	65,679	\$ 34.96
Other	2	157	66.2 %	5,155	\$ 24.10
Office and Data Center Shell Portfolio Total/Average	186	21,710	92.4 %	566,755	\$ 32.47
Wholesale Data Center	1	19.25 MW	86.7 %	22,670	N/A
Total Operating Properties				\$ 589,425	
Total Consolidated Operating Properties				\$ 584,865	

(1) This percentage is based upon all rentable square feet or megawatts under lease terms that were in effect as of December 31, 2021.

(2) Annualized rental revenue is the monthly contractual base rent as of December 31, 2021 (ignoring free rent then in effect and rent associated with tenant funded landlord assets) multiplied by 12, plus the estimated annualized expense reimbursements under existing leases. With regard to properties owned through unconsolidated real estate joint ventures, we include the portion of annualized rental revenue allocable to our ownership interest. We consider annualized rental revenue to be a useful measure for analyzing revenue sources because, since it is point-in-time based, it does not contain increases and decreases in revenue associated with periods in which lease terms were not in effect; historical revenue under generally accepted accounting principles does contain such fluctuations. We find the measure particularly useful for leasing, tenant and segment analysis. Our calculation of annualized rental revenue per occupied square foot excludes revenue of our reportable segments from leases not associated with our buildings.

(3) Represents properties owned through unconsolidated real estate joint ventures. The amounts reported above reflect 100% of the properties' square footage but only reflect the portion of annualized rental revenue that was allocable to our ownership interest.

The following table provides certain information about office and data center shell properties that were under, or otherwise approved for, development as of December 31, 2021 (dollars and square feet in thousands):

Property and Location	Estimated Rentable Square Feet Upon Completion	Percentage Leased	Calendar Quarter Anticipated to be Operational	Costs Incurred to Date (1)	Estimated Costs to Complete (1)
Under Development					
Fort Meade/BW Corridor:					
560 National Business Parkway Annapolis Junction, Maryland	183	100%	4Q 22	\$ 37,637	\$ 28,688
Navy Support:					
Expedition VII St. Mary's County, Maryland	29	62%	1Q 23	7,913	1,535
Redstone Arsenal:					
8000 Rideout Road (2) Huntsville, Alabama	100	88%	2Q 22	21,834	6,101
8300 Rideout Road Huntsville, Alabama	131	100%	4Q 22	18,786	32,314
8200 Rideout Road Huntsville, Alabama	131	100%	4Q 22	17,483	34,617
6200 Redstone Gateway Huntsville, Alabama	172	91%	1Q 23	16,121	38,706
7000 Redstone Gateway Huntsville, Alabama	46	46%	1Q 24	1,119	10,481
300 Secured Gateway Huntsville, Alabama	205	100%	1Q 24	3,128	56,572
Subtotal / Average	785	93%		78,471	178,791
Data Center Shells:					
Oak Grove C Northern Virginia	265	100%	1Q 22	74,163	14,637
PS A Northern Virginia	227	100%	2Q 23	6,279	59,321
PS B Northern Virginia	193	100%	2Q 24	5,408	49,592
Subtotal / Average	685	100%		85,850	123,550
Total Under Development	1,682	96%		\$ 209,871	\$ 332,564

(1) Includes land, development, leasing costs and allocated portion of structured parking and other shared infrastructure, if applicable.

(2) This property had occupied square feet in service as of December 31, 2021. Therefore, the property and its occupied square feet are included in our operating property statistics, including the information set forth on the previous page.

The following table provides certain information about land that we owned or controlled as of December 31, 2021, including properties under ground lease to us (square feet in thousands):

Segment	Acres	Estimated Developable Square Feet
Defense/IT Locations:		
Fort Meade/BW Corridor:		
National Business Park (Annapolis Junction, MD)	146	1,816
Howard County, MD	19	290
Other	126	1,338
Total Fort Meade/BW Corridor	291	3,444
NoVA Defense/IT Locations	29	1,133
Navy Support	38	64
Redstone Arsenal (1)	310	2,439
Data Center Shells	43	913
Total Defense/IT Locations	711	7,993
Regional Office	10	900
Total land owned/controlled for future development	721	8,893
Other land owned/controlled	43	638
Total Land Owned/Controlled	764	9,531

(1) This land is owned by the USG and is controlled under a long-term master lease agreement to a consolidated joint venture. As this land is developed in the future, the joint venture will execute site-specific leases under the master lease agreement. Rental payments will commence under the site-specific leases as cash rents under tenant leases commence at the respective properties.

Lease Expirations

The following table provides a summary schedule of lease expirations for leases in place at our operating properties as of December 31, 2021 based on the non-cancelable term of tenant leases determined in accordance with generally accepted accounting principles (dollars and square feet in thousands, except per square foot amounts):

Year of Lease Expiration	Square Footage of Leases Expiring	Annualized Rental Revenue of Expiring Leases (1)	Percentage of Total Annualized Rental Revenue Expiring (1)	Total Annualized Rental Revenue of Expiring Leases Per Occupied Square Foot
Office and Data Center Shells				
2022	1,642	\$ 53,076	9.4 %	\$ 32.29
2023	2,129	70,790	12.5 %	33.23
2024	2,650	72,215	12.7 %	33.43
2025	3,344	127,981	22.6 %	38.70
2026	1,788	52,760	9.3 %	38.03
2027	1,064	24,984	4.4 %	34.05
2028	1,227	22,636	4.0 %	29.56
2029	1,566	33,131	5.8 %	28.32
2030	1,023	19,787	3.5 %	26.63
2031	761	10,804	1.9 %	29.03
2032	91	2,554	0.5 %	28.22
2033	481	17,884	3.2 %	37.17
2034	717	16,932	3.0 %	23.61
2035	497	10,206	1.8 %	20.53
2036	949	19,425	3.4 %	20.47
2037	102	6,061	1.1 %	58.30
2038	39	740	0.1 %	19.07
2041 (2)	—	4,658	0.8 %	N/A
2063 (2)	—	131	— %	N/A
Total Office and Data Center Shells	20,070	566,755	100.0 %	\$ 32.47
Wholesale Data Center (3)		22,670		
Total Operating Properties		\$ 589,425		

(1) Refer to definition provided on first page of Item 2 of this Annual Report on Form 10-K.

(2) Includes only ground leases.

(3) We sold this property on January 25, 2022. The annualized rental revenue of its scheduled lease expirations as of December 31, 2021 was as follows: \$17.2 million in 2022; \$2.4 million in 2023; \$11,000 in 2024; \$2.7 million in 2025; \$27,000 in 2026; \$29,000 in 2027; and \$238,000 in 2028.

With regard to the office and data center shell portfolio leases reported above as expiring in 2022, we believe that the weighted average annualized rental revenue per occupied square foot for such leases as of December 31, 2021 was, on average, approximately 1.0% to 3.0% higher than estimated current market rents for the related space, with specific results varying by market.

Item 3. Legal Proceedings

We are not currently involved in any material litigation nor, to our knowledge, is any material litigation currently threatened against us (other than routine litigation arising in the ordinary course of business, substantially all of which is expected to be covered by liability insurance).

Item 4. Mine Safety Disclosures

Not applicable.

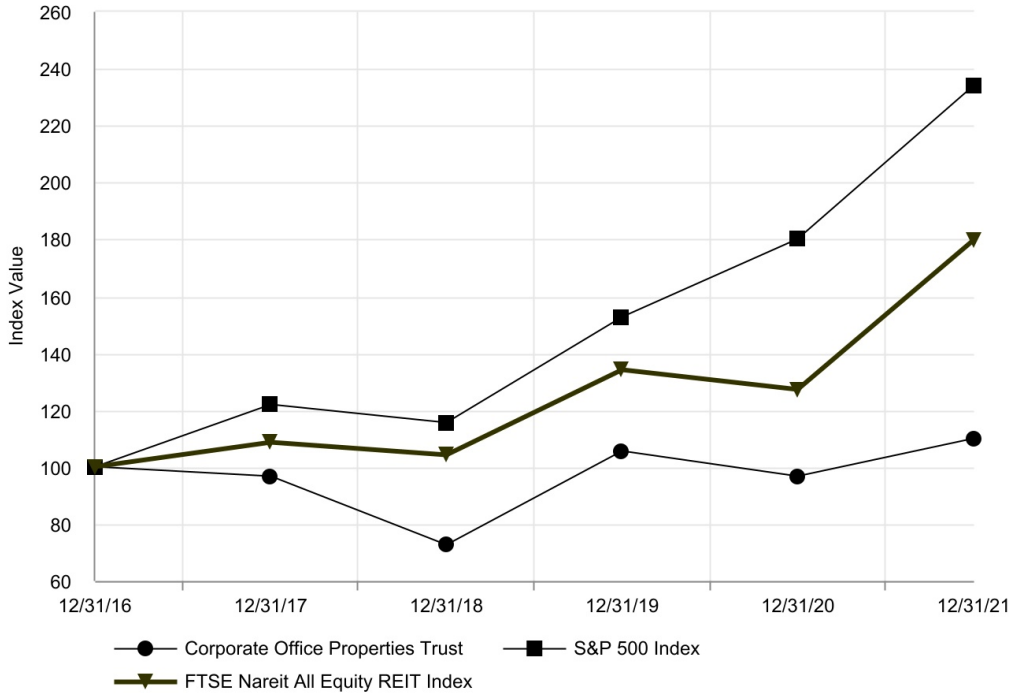
PART II

Item 5. Market for Registrants' Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

Our common shares trade on the New York Stock Exchange ("NYSE") under the symbol "OFC." The number of holders of record of our common shares was 431 as of February 7, 2022. This number does not include shareholders whose shares were held of record by a brokerage house or clearing agency, but does include any such brokerage house or clearing agency as one record holder.

Common Shares Performance Graph

The graph and the table set forth below assume \$100 was invested on December 31, 2016 in our common shares. The graph and the table compare the cumulative return (assuming reinvestment of dividends) of this investment with a \$100 investment at that time in the S&P 500 Index or the All Equity REIT Index of the National Association of Real Estate Investment Trusts ("Nareit"):



Index	Period Ended					
	12/31/16	12/31/17	12/31/18	12/31/19	12/31/20	12/31/21
Corporate Office Properties Trust	\$ 100.00	\$ 96.74	\$ 72.47	\$ 105.63	\$ 96.58	\$ 109.93
S&P 500 Index	\$ 100.00	\$ 121.83	\$ 115.49	\$ 152.71	\$ 180.18	\$ 234.01
FTSE Nareit All Equity REIT Index	\$ 100.00	\$ 108.67	\$ 104.28	\$ 134.17	\$ 127.30	\$ 179.87

Item 6. [Reserved]

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

You should refer to our consolidated financial statements and the notes thereto as you read this section.

This section contains "forward-looking" statements, as defined in the Private Securities Litigation Reform Act of 1995, that are based on our current expectations, estimates and projections about future events and financial trends affecting the financial condition and operations of our business. Forward-looking statements can be identified by the use of words such as "may," "will," "should," "could," "believe," "anticipate," "expect," "estimate," "plan" or other comparable terminology. Forward-looking statements are inherently subject to risks and uncertainties, many of which we cannot predict with accuracy and some of which we might not even anticipate. Although we believe that the expectations, estimates and projections reflected in such forward-looking statements are based on reasonable assumptions at the time made, we can give no assurance that these expectations, estimates and projections will be achieved. Future events and actual results may differ materially from those discussed in the forward-looking statements. Important factors that may affect these expectations, estimates and projections include, but are not limited to:

- general economic and business conditions, which will, among other things, affect office property and data center demand and rents, tenant creditworthiness, interest rates, financing availability, construction costs and property values;
- adverse changes in the real estate markets, including, among other things, increased competition with other companies;
- governmental actions and initiatives, including risks associated with the impact of a prolonged government shutdown or budgetary reductions or impasses, such as a reduction in rental revenues, non-renewal of leases and/or reduced or delayed demand for additional space by our strategic customers;
- our ability to borrow on favorable terms;
- risks of property acquisition and development activities, including, among other things, risks that development projects may not be completed on schedule, that tenants may not take occupancy or pay rent or that development or operating costs may be greater than anticipated;
- risks of investing through joint venture structures, including risks that our joint venture partners may not fulfill their financial obligations as investors or may take actions that are inconsistent with our objectives;
- changes in our plans for properties or views of market economic conditions or failure to obtain development rights, either of which could result in recognition of significant impairment losses;
- risks and uncertainties regarding the impact of the COVID-19 pandemic, and similar pandemics, along with restrictive measures instituted to prevent spread, on our business, the real estate industry and national, regional and local economic conditions;
- our ability to satisfy and operate effectively under Federal income tax rules relating to real estate investment trusts and partnerships;
- possible adverse changes in tax laws;
- the dilutive effects of issuing additional common shares;
- our ability to achieve projected results;
- security breaches relating to cyber attacks, cyber intrusions or other factors; and
- environmental requirements.

We undertake no obligation to publicly update or supplement forward-looking statements.

Overview

Our 2021 was highlighted by:

- strong leasing results, including our:
 - fourth consecutive year with development leasing in excess of one million square feet; and
 - seventh consecutive year with a portfolio-wide tenant retention rate in excess of 70%;
- the refinancing of most of our debt, resulting in new unsecured debt issuances with lengthened and staggered future maturity timing and lower interest rates;
- capital raised from selling interests in data center shells through a newly-formed joint venture;
- our entry into a contract to sell our largest real estate investment and enable us to exit the wholesale data center business; and
- operating results that were not significantly affected by the COVID-19 pandemic.

We leased 3.9 million square feet in 2021, representing our fifth consecutive year with leasing in excess of 3.0 million. This leasing included:

- 1.2 million square feet of development leasing in Defense/IT Locations, including 727,000 square feet in our Redstone Arsenal sub-segment;

- 2.1 million square feet of renewal leasing, resulting in a portfolio-wide tenant retention rate of 74.2%. Strong tenant retention is key to our asset management strategy in order to maximize revenue (by avoiding downtime) and minimize leasing capital; and
- 616,000 square feet of vacant space leasing, most of which was concentrated in the Fort Meade/BW Corridor sub-segment.

We believe that our 2021 leasing benefited from a continued:

- healthy defense spending environment, with bipartisan support for funding our national defense. We believe that successive increases in defense spending since 2016, including, most recently, in the National Defense Authorization Act for Fiscal Year 2022, have enhanced the USG and defense contractor tenants' ability to invest in facility planning. This environment has helped fuel leasing demand, as has continued prioritization of spending allocations towards technology and innovation programs benefiting our Defense/IT Locations, including cyber, space, unmanned systems and artificial intelligence; and
- demand for data center shells. Our leasing included two new data center shells in Northern Virginia, the largest data center market in the world, and represented further expansion of our relationship with an existing customer. As of year end, we held land that would accommodate an additional 913,000 square feet in future data center shell development.

We believe these conditions bolstered tenant confidence levels for entering into long-term lease commitments, as evidenced by weighted average lease terms on our 2021 leasing of: 13.4 years on development leasing; 5.4 years on renewal leasing; and 8.2 years on vacant space leasing. Future leasing demand for our Defense/IT Locations could be delayed or diminish if this bipartisan support for funding national defense does not continue or if appropriations legislation to fund approved defense budgets face extended delays (including the USG's 2022 fiscal year defense budget, which was authorized but was awaiting appropriations as of the date of this filing).

In 2021, we placed into service 766,000 square feet in eight newly-developed properties that were 87% leased as of December 31, 2021. These properties were predominantly Defense/IT Locations, the largest of which was a 348,000 square foot, 100% leased property in our NoVA Defense/IT sub-segment. We ended the year with 1.7 million square feet in properties under development that were 96% leased in aggregate, most of which were in our Redstone Arsenal and Data Center Shells sub-segments. Most of these properties were 100% leased and all but two were more than 80% leased. For further disclosure regarding our development underway as of year end, please refer to Item 2 of this Annual Report on Form 10-K.

We ended 2021 with lower leased and occupied percentages for our office and data center shell portfolio relative to December 31, 2020 (which was our highest year end portfolio-wide occupancy since 2001) due primarily to a property in our Redstone Arsenal sub-segment vacated by its tenant in late 2021 and newly-developed vacant space placed in service (most of which was in a Regional Office property). We ended 2021 with our office and data center shell portfolio 94.2% leased (compared to 94.8% as of December 31, 2020) while our Same Properties were 93.4% leased (compared to 93.8% as of December 31, 2020). Our year end portfolio-wide office and data center shell occupancy was 92.4% (compared to 94.1% as of December 31, 2020) and Same Properties occupancy was 91.3% (compared to 92.9% as of December 31, 2020).

As of December 31, 2021, we had scheduled lease expirations for 1.6 million square feet in 2022, representing 8.2% of our total occupied square feet and 9.4% of our total annualized rental revenue from office and data center shells, including:

- 1.3 million square feet in our Defense/IT Locations segment, most of which we believe is mission-critical space to the tenants and therefore expect most of this space to be renewed; and
- 327,000 square feet in our Regional Office segment, which included a 140,000 square foot known non-renewal for 2022, and which we believe otherwise carries significantly higher risk of non-renewal than our Defense/IT Locations space.

Please refer to the section below entitled "Occupancy and Leasing" for additional related disclosure.

In 2021, we refinanced most of our debt by issuing \$1.4 billion in unsecured senior notes, including:

- \$600.0 million of 2.75% Notes due 2031 issued at an initial offering price of 98.95% of their face value on March 11, 2021 for proceeds, after deducting underwriting discounts but before other offering expenses, of \$589.8 million. We applied the proceeds from this issuance to purchase or redeem \$350.0 million of 3.60% Senior Notes due 2023 and \$250.0 million of 5.25% Senior Notes due 2024 for \$373.1 million and \$282.4 million, respectively, plus accrued interest. In connection with these purchases and redemptions, we recognized a loss on early extinguishment of debt in 2021 of \$58.4 million. We used borrowings under our Revolving Credit Facility to fund the net cash outlay resulting from this refinancing;
- \$400.0 million of 2.00% Notes due 2029 at an initial offering price of 99.97% of their face value on August 11, 2021 for proceeds, after deducting underwriting discounts but before other offering expenses, of \$397.4 million. We used \$100.0 million of the proceeds from this issuance to repay a portion of our term loan facility, \$89.0 million to pay off a construction loan and most of the remaining proceeds to repay borrowings under our Revolving Credit Facility; and
- \$400.0 million of 2.90% Notes due 2033 at an initial offering price of 99.53% of their face value on November 17, 2021 for proceeds, after deducting underwriting discounts but before other offering expenses, of \$395.4 million. We used \$336.4 million of the proceeds from this issuance to redeem \$300.0 million of 5.00% Senior Notes due 2025 and \$52.4 million to

pay off a fixed rate mortgage loan. In connection with these debt repayments, we recognized a loss on early extinguishment of debt in 2021 of \$41.1 million.

As a result, from September 2020 (when we issued \$400 million unsecured senior notes) to year end 2021, we issued \$1.8 billion in unsecured senior notes, which enabled us to refinance \$1.6 billion in debt, or 81% of our outstanding debt as of June 30, 2020, at weighted average interest rates on the newly-issued debt that were 1.1% lower than the weighted average interest rates on the debt we repaid. This also enabled us to lengthen and stagger the timing of our future debt maturities.

As in recent years, we raised equity in 2021 through the sale of interests in single tenant data center shell properties with the sale of a 90% interest in two such properties based on an aggregate property value of \$118.8 million and retained a 10% interest in the properties through B RE COPT DC JV III LLC, a newly-formed joint venture. Our partner in the joint venture acquired the 90% interest from us for \$106.9 million, the proceeds from which we used to repay borrowings under our Revolving Credit Facility. We recognized a gain of \$40.2 million on this sale. Since 2019, we raised \$558 million from the sale of interests in single tenant data center shell properties.

We also in 2021 sold a property that was previously removed from service from our data center shells sub-segment for \$30.0 million, the proceeds from which we used to repay borrowings under our Revolving Credit Facility. We recognized a gain of \$25.9 million on this sale.

In addition, we entered into a contract in December 2021 to sell 9651 Hornbaker Road in Manassas, Virginia, our largest real estate investment (in terms of book value) and only property in our Wholesale Data Center reportable segment, for \$222.5 million. Our entry into this contract positioned us to exit the wholesale data center business and redeploy the resulting proceeds towards funding our Defense/IT Locations development pipeline. We completed this sale on January 25, 2022, resulting in a gain on sale of approximately \$29 million, and used substantially all of the proceeds to pay down debt in order to free up borrowing capacity to fund future development.

Due to the collective effect of our 2021 activity, we ended the year with:

- approximately \$190 million more debt relative to the end of 2020 that we were positioned to pay down by \$216 million in January 2022 using the proceeds from our wholesale data center sale; and
- \$724 million in borrowing capacity available under our Revolving Credit Facility to fund our investing and financing activities (which capacity was subsequently increased to \$800 million in January 2022 following our pay down of the facility from our wholesale data center sale proceeds).

Net income in 2021 was \$21.3 million lower than in 2020 due primarily to:

- lower income due to a \$93.3 million increase in loss on early extinguishment of debt due to the extinguishments discussed above and \$29.4 million gain on sale of investment in an unconsolidated joint venture that occurred in 2020; offset in part by
- higher income due to a \$53.2 million loss on interest rate derivatives recognized in 2020 and \$35.4 million increase in gain from sales of real estate due to the gains from the sales discussed above exceeding our gains in 2020.

Net operating income ("NOI") from real estate operations, our segment performance measure discussed further below, increased \$19.0 million from 2020 to 2021 due primarily to:

- a \$27.6 million increase from developed and redeveloped properties placed into service; offset in part by
- a net decrease of \$10.5 million from dispositions due to our sales of property interests in 2020 and 2021.

NOI from our Same Properties only changed marginally, increasing \$1.8 million, or 0.6%, from 2020 to 2021. Our results of operations for these periods were not significantly affected by the COVID-19 pandemic. Additional disclosure comparing our 2021 and 2020 results of operations is provided below.

We discuss significant factors contributing to changes in our net income between 2021 and 2020 in the section below entitled "Results of Operations." In addition, the section below entitled "Liquidity and Capital Resources" includes discussions of, among other things:

- how we expect to generate cash for short and long-term capital needs; and
- our commitments and contingencies.

We refer to the measures "annualized rental revenue" and "tenant retention rate" in various sections of the Management's Discussion and Analysis of Financial Condition and Results of Operations section of this Annual Report on Form 10-K. Annualized rental revenue is a measure that we use to evaluate the source of our rental revenue as of a point in time. It is

computed by multiplying by 12 the sum of monthly contractual base rents and estimated monthly expense reimbursements under active leases as of a point in time (ignoring free rent then in effect and rent associated with tenant funded landlord assets). Our computation of annualized rental revenue excludes the effect of lease incentives. We consider annualized rental revenue to be a useful measure for analyzing revenue sources because, since it is point-in-time based, it does not contain increases and decreases in revenue associated with periods in which lease terms were not in effect; historical revenue under generally accepted accounting principles in the United States of America ("GAAP") does contain such fluctuations. We find the measure particularly useful for leasing, tenant, segment and industry analysis. Tenant retention rate is a measure we use that represents the percentage of square feet renewed in a period relative to the total square feet scheduled to expire in that period; we include the effect of early renewals in this measure.

We also refer to the measures "cash rents", "straight-line rents", and "committed costs" in the "Occupancy and Leasing" section of the Management's Discussion and Analysis of Financial Condition and Results of Operations section of this Annual Report on Form 10-K. Cash rents include monthly contractual base rent (ignoring rent abatements and rent associated with tenant funded landlord assets) multiplied by 12, plus estimated annualized expense reimbursements (as of lease commencement for new or renewed leases or as of lease expiration for expiring leases). Straight-line rents includes annual minimum rents, net of abatements and lease incentives and excluding rent associated with tenant funded landlord assets, on a straight-line basis over the term of the lease, and estimated annual expense reimbursements (as of lease commencement for new or renewed leases or as of lease expiration for expiring leases). We believe that cash rents and straight-line rents are useful measures for evaluating the rental rates of our leasing activity, including changes in such rates relative to rates that may have been previously in place, with cash rents serving as a measure to evaluate rents at the time rent payments commence, and straight-line rents serving as a measure to evaluate rents over lease terms. Committed costs includes tenant improvement allowances (excluding tenant funded landlord assets), leasing commissions and estimated turn key costs and excludes lease incentives; we believe this is a useful measure for evaluating our costs associated with obtaining new leases.

With regard to our operating portfolio square footage, occupancy and leasing statistics included below and elsewhere in this Annual Report on Form 10-K, amounts disclosed include total information pertaining to properties owned through unconsolidated real estate joint ventures except for amounts reported for annualized rental revenue, which represent the portion attributable to our ownership interest.

Effects of COVID-19

As of the date of this filing, spread of COVID-19 continues world- and nation-wide. Since the beginning of 2021, the United States has significantly increased the proportion of the population that has received COVID-19 vaccines, and there is increased confidence that spread of COVID-19 can, to a large extent, be contained through vaccinations and wearing masks indoors in public. As a result, most restrictive measures previously instituted to control spread have been gradually lifted and an increased proportion of the population has resumed a return to normal activities. However, there continues to be significant uncertainty regarding the duration and extent of the pandemic due to factors such as the continuing spread of the virus, the pace of world- and nation-wide vaccination efforts, the continued emergence of new variants of the virus and the efficacy of vaccines against such variants.

While the pandemic has adversely impacted the operations of much of the commercial real estate industry, we believe that we have been less susceptible to such impact due to our portfolio's significant concentration in Defense/IT Locations. These properties are primarily occupied by the USG and contractor tenants engaged in what we believe are high-priority security, defense and IT missions. As a result, most of these properties were designated as "essential businesses," and therefore exempt from many of the restrictions that otherwise have affected much of the commercial real estate industry. Furthermore, since the tenants in these properties are mostly the USG, or contractors of the USG who continue to be compensated by the USG for their services, we believe that their ability, and willingness, to fulfill their lease obligations have not been disrupted. Our Defense/IT Locations do include tenants serving as amenities to business parks housing our properties (such as restaurant, retail and personal service providers); while these tenants' operations have been significantly disrupted by COVID-19, our annualized rental revenue from these tenants is not significant. As a result, our results of operations were not significantly affected by the pandemic. For the year ended December 31, 2021, our:

- Same Properties NOI from real estate operations increased marginally relative to 2020, and was only minimally affected by the pandemic-related effect of lower provisions for collectability losses in 2021 relative to 2020; and
- lease revenue collections were not significantly affected by the pandemic. After agreeing to deferred payment arrangements for approximately \$2.6 million in lease receivables last year (most of which was repaid by June 30, 2021), we did not agree to significant additional arrangements in 2021.

While we do not currently expect that the pandemic will significantly affect our future results of operations, financial condition or cash flows, we believe that the impact will be dependent on future developments, including the duration and extent of the pandemic, the prevalence, strength and duration of restrictive measures and the resulting effects on our tenants, potential future tenants, the commercial real estate industry and the broader economy, all of which are uncertain and difficult to predict. Nevertheless, we believe at this time that there is more inherent risk associated with the operations of our Regional Office properties than our Defense/IT Locations.

While our development leasing and ability to renew leases scheduled to expire have not been significantly affected by the pandemic, we do believe that the impact of the restrictive measures and the economic uncertainty caused by the pandemic impacted our timing and volume of vacant space leasing, and may continue to do so in the future, particularly for our Regional Office properties.

The pandemic enhances the risk of us being able to stay on pace to complete development and begin operations on schedule due to the potential for delays from: jurisdictional permitting and inspections; factories' ability to provide materials; and possible labor shortages. These types of issues have not significantly affected us to date but could in the future, depending on pandemic related developments.

Critical Accounting Estimates

Our consolidated financial statements are prepared in accordance with GAAP, which require us to make certain estimates and assumptions. A summary of our significant accounting policies is provided in Note 2 to our consolidated financial statements. The following section is a summary of certain aspects of those accounting policies involving estimates or assumptions that (1) involve a significant level of estimation uncertainty and (2) have had or are reasonably likely to have a material impact on our financial condition or results of operations. It is possible that the use of different reasonable estimates or assumptions could result in materially different amounts being reported in our consolidated financial statements. While reviewing this section, refer to Note 2 to our consolidated financial statements, including terms defined therein.

Assessment of Lease Term as Lessor

As discussed above, a significant portion of our portfolio is leased to the USG, and the majority of those leases consist of a series of one-year renewal options (with defined rent escalations upon renewal), and/or provide for early termination rights. Applicable accounting guidance requires us to recognize minimum rental payments on operating leases, net of rent abatements, on a straight-line basis over the term of each lease. We estimate a tenant's lease term at the lease commencement date and do not subsequently reassess such term unless the lease is modified. When estimating a tenant's lease term, we use judgment in contemplating the significance of: any penalties a tenant may incur should it choose not to exercise any existing options to extend the lease or exercise any existing options to terminate the lease; and economic incentives to the tenant based on any existing contract, asset, entity or market-based factors associated with the lease. Factors we consider in making this assessment include the uniqueness of the purpose or location of the property, the availability of a comparable replacement property, the relative importance or significance of the property to the continuation of the lessee's line of business and the existence of tenant leasehold improvements or other assets whose value would be impaired by the tenant vacating or discontinuing use of the leased property. For most of our leases with the USG, our estimates of lease term conclude that exercise of existing renewal options, or continuation of such leases without exercising early termination rights, is reasonably certain as it relates to the expected lease end date. As a result, our recognition of minimum rents on these leases includes the effect of annual rent escalations over our estimate of the lease term (including on one-year renewal options) and our depreciation and amortization of costs incurred on these leases is recognized over the lease term. An over-estimate of the term of these leases by us could result in the write-off of any recorded assets associated with straight-line rental revenue and acceleration of depreciation and amortization expense associated with costs we incurred related to these leases. We had no significant USG leases with lease terms determined to have been over-estimated during the reporting periods included herein.

Impairment of Long-Lived Assets

We assess the asset groups associated with each of our properties for indicators of impairment quarterly or when circumstances indicate that an asset group may be impaired. If our analyses indicate that the carrying values of certain properties' asset groups may be impaired, we perform a recoverability analysis for such asset groups. If and when our plans change for a property, we revise our recoverability analyses to use the cash flows expected from the operations and eventual disposition of such property using holding periods that are consistent with our revised plans. In our accounting for impairment of long-lived assets, we estimate property fair values based on contract prices, indicative bids, discounted cash flow analyses or comparable sales analyses. We estimate cash flows used in performing impairment analyses based on our plans for the property and our views of market and economic conditions. Our estimates consider items such as current and future market rental and occupancy rates, estimated operating and capital expenditures and recent sales data for comparable properties; most of these items are influenced by market data obtained from real estate leasing and brokerage firms and our direct experience with the properties and their markets. Our determination of appropriate capitalization or discount rates for use in estimating property fair values also requires significant judgment and is typically based on many factors, including the prevailing rate for the market or submarket, as well as the quality and location of the property.

Since asset groups associated with properties held for sale are carried at the lower of their carrying values (i.e., cost less accumulated depreciation and any impairment loss recognized, where applicable) or estimated fair values less costs to sell, decisions by us to sell certain properties will result in impairment losses if the carrying values of the specific properties' asset groups classified as held for sale exceed such properties' estimated fair values less costs to sell. Our estimates of fair value

consider matters such as recent sales data for comparable properties and, where applicable, contracts or the results of negotiations with prospective purchasers. These estimates are subject to revision as market conditions, and our assessment of such conditions, change.

Historically, future market rental and occupancy rates have tended to be the most variable assumption in our impairment analyses of properties to be held and used; while changes in these assumptions can significantly affect our estimates of property undiscounted future cash flows in our recoverability analyses, such changes historically have not usually resulted in impairment losses since the resulting recoverability analyses still have tended to exceed the carrying value of the property asset groups. Historically, our recognition of impairment losses has most often occurred due to changes in our estimates of future cash flows resulting from a change in our plans for a property, such as a decision by us to sell or shorten our expected holding period for a property or to not develop a property. Changes in the estimated future cash flows due to changes in our plans for a property or significant changes in our views regarding property market and economic conditions and/or our ability to obtain development rights could result in recognition of impairment losses that could be substantial.

Concentration of Operations

Customer Concentration of Property Operations

The table below sets forth the 20 largest tenants in our portfolio of operating properties (including our office and data center shell properties and wholesale data center) based on percentage of annualized rental revenue:

Tenant	Percentage of Annualized Rental Revenue of Operating Properties for 20 Largest Tenants as of December 31,		
	2021	2020	2019
USG	35.6 %	34.1 %	34.6 %
Fortune 100 Company (1)	9.2 %	9.1 %	7.9 %
General Dynamics Corporation (1)	5.6 %	5.6 %	4.9 %
The Boeing Company (1)	2.5 %	3.0 %	3.2 %
CACI International Inc (1)	2.4 %	2.4 %	2.5 %
Peraton Corp. (1)	2.1 %	N/A	0.9 %
Booz Allen Hamilton, Inc.	1.9 %	2.0 %	2.1 %
CareFirst Inc. (1)	1.7 %	2.0 %	2.1 %
Northrop Grumman Corporation	1.4 %	2.3 %	2.2 %
Raytheon Technologies Corporation (1)	1.1 %	1.0 %	1.0 %
Wells Fargo & Company (1)	1.1 %	1.2 %	1.3 %
Yulista Holding, LLC	1.1 %	1.0 %	N/A
AT&T Corporation (1)	1.1 %	1.1 %	1.3 %
Miles and Stockbridge, PC	1.0 %	1.0 %	1.1 %
Mantech International Corp.	1.0 %	0.8 %	0.7 %
Morrison & Foerster, LLP	1.0 %	1.0 %	N/A
Jacobs Engineering Group Inc. (1)	1.0 %	0.9 %	1.0 %
Transamerica Life Insurance Company	0.9 %	0.9 %	0.9 %
The MITRE Corporation	0.8 %	0.8 %	0.7 %
University System of Maryland (1)	0.8 %	0.9 %	1.2 %
Science Applications International Corporation	N/A	0.9 %	1.0 %
Kratos Defense and Security Solutions (1)	N/A	N/A	1.0 %
Subtotal of 20 largest tenants	73.3 %	72.0 %	71.6 %
All remaining tenants	26.7 %	28.0 %	28.4 %
Total	100.0 %	100.0 %	100.0 %
Total annualized rental revenue	\$ 589,425	\$ 571,035	\$ 525,338

(1) Includes affiliated organizations.

The USG's concentration increased from 2020 to 2021 due primarily to new properties placed in service in which it is a tenant.

Concentration of Office and Data Center Shell Properties by Segment

The table below sets forth the segment allocation of our annualized rental revenue of office and data center shell properties as of the end of the last three calendar years:

Region	Percentage of Annualized Rental Revenue of Office and Data Center Shell Properties as of December 31,			Number of Properties as of December 31,		
	2021	2020	2019	2021	2020	2019
Defense/IT Locations:						
Fort Meade/BW Corridor	47.0 %	47.5 %	51.3 %	90	89	88
NoVA Defense/IT	13.3 %	11.2 %	10.9 %	14	13	13
Lackland Air Force Base	10.6 %	9.8 %	10.5 %	8	7	7
Navy Support	5.9 %	6.3 %	6.5 %	21	21	21
Redstone Arsenal	5.4 %	5.6 %	3.5 %	17	15	10
Data Center Shells	5.3 %	6.6 %	5.3 %	26	26	22
Total Defense/IT Locations	87.5 %	87.0 %	87.9 %	176	171	161
Regional Office	11.6 %	12.5 %	11.5 %	8	8	7
Other	0.9 %	0.5 %	0.6 %	2	2	2
	100.0 %	100.0 %	100.0 %	186	181	170

The changes in revenue concentration reflected above between year end 2020 and 2021 were attributable primarily to the effect of occupied properties placed in service in 2021 except for the decreases for Data Center Shells, which were attributable to our sale in 2021 of a 90% interest in two properties, and for Navy Support and Regional Office, which were due to lower occupancy.

Occupancy and Leasing

Office and Data Center Shell Portfolio

The tables below set forth occupancy information pertaining to our portfolio of office and data center shell properties:

	December 31,		
	2021	2020	2019
Occupancy rates at period end			
Total	92.4 %	94.1 %	92.9 %
Defense/IT Locations:			
Fort Meade/BW Corridor	90.0 %	91.0 %	92.4 %
NoVA Defense/IT	89.5 %	88.1 %	82.4 %
Lackland Air Force Base	100.0 %	100.0 %	100.0 %
Navy Support	93.9 %	97.2 %	92.5 %
Redstone Arsenal	90.8 %	99.4 %	99.3 %
Data Center Shells	100.0 %	100.0 %	100.0 %
Total Defense/IT Locations	93.2 %	94.5 %	93.7 %
Regional Office	87.3 %	92.5 %	88.1 %
Other	66.2 %	68.4 %	73.0 %
Annualized rental revenue per occupied square foot at year end	\$ 32.47	\$ 31.50	\$ 31.28

	Rentable Square Feet	Occupied Square Feet
	(in thousands)	
December 31, 2020	20,959	19,722
Vacated upon lease expiration (1)	—	(773)
Occupancy for new leases	—	493
Developed or redeveloped	766	628
Other changes	(15)	—
December 31, 2021	21,710	20,070

(1) Includes lease terminations and space reductions occurring in connection with lease renewals.

With regard to changes in occupancy from December 31, 2020 to December 31, 2021:

- Total: Decrease was due primarily to a 121,000 square foot property in our Redstone Arsenal sub-segment vacated by its tenant in late 2021 and 137,000 square feet in newly-developed vacant space placed in service (most of which was in a Regional Office property);
- Fort Meade/BW Corridor: Decrease was due primarily to a 63,000 square foot property vacated by its tenant (which was subsequently leased to a new tenant that will take occupancy in 2022) and 46,000 square feet in newly-developed space in a property placed in service;
- NoVA Defense/IT: Increase was due primarily to a 348,000 square foot fully-occupied property placed in service;
- Navy Support: Decreased despite its 76.1% tenant retention rate in 2021 due to minimal leasing of vacant space;
- Redstone Arsenal: Decreased due primarily to a 121,000 square foot property vacated by its tenant in late 2021;
- Regional Office: Decreased due to 81,000 square feet in newly-developed vacant space in a property placed in service, space vacated with its 63.2% tenant retention rate and minimal leasing of vacant space. This segment included properties in Baltimore City, two sub-markets in Northern Virginia and Washington, D.C. We believe that the restrictive measures and economic uncertainty caused by the pandemic impacted leasing demand for this segment, and may continue to do so in the future. As of December 31, 2021, we had scheduled lease expirations in 2022 for 327,000 square feet, or 17.5%, of this segment's occupied square feet (including a 140,000 square foot space that we know is not renewing in 2022); and
- Other: Included two properties totaling 157,000 square feet in Aberdeen, Maryland.

In 2021, we leased 3.9 million square feet, including 1.2 million square feet of development space in Defense/IT Locations, with weighted average lease terms of 13.4 years.

In 2021, we renewed leases on 2.1 million square feet, representing a tenant retention rate of 74.2%. The cash rents of these renewals (totaling \$33.34 per square foot) decreased on average by approximately 2.2% and the straight-line rents (totaling \$33.87 per square foot) increased on average by approximately 5.2% relative to the leases previously in place for the space. The renewed leases had a weighted average lease term of approximately 5.4 years, with average escalations per year of 2.3%, and the per annum average committed costs associated with completing the leasing was approximately \$2.99 per square foot. The decrease in cash rents on renewals was attributable primarily to per annum rent escalation terms of the previous leases that increased rents over the lease terms by amounts exceeding the increases in the applicable market rental rates.

In 2021, we also completed leasing on 616,000 square feet of vacant space. The cash rents of this leasing totaled \$26.95 per square foot and the straight-line rents totaled \$27.56 per square foot; these leases had a weighted average lease term of approximately 8.2 years, with average escalations per year of 2.9%, and the per annum average committed costs associated with completing this leasing was approximately \$8.60 per square foot.

Lease Expirations

The table below sets forth as of December 31, 2021 our scheduled lease expirations based on the non-cancelable term of tenant leases determined in accordance with generally accepted accounting principles for our portfolio of office and data center shell properties by segment/sub-segment in terms of percentage of annualized rental revenue:

	Expiration of Annualized Rental Revenue of Operating Properties						Total
	2022	2023	2024	2025	2026	Thereafter	
Defense/IT Locations							
Fort Meade/BW Corridor	5.8 %	8.9 %	7.4 %	10.8 %	4.7 %	9.5 %	47.0 %
NoVA Defense/IT	0.2 %	0.6 %	3.0 %	2.1 %	0.2 %	7.1 %	13.3 %
Lackland Air Force Base	0.0 %	0.0 %	0.0 %	7.0 %	2.1 %	1.5 %	10.6 %
Navy Support	1.0 %	1.3 %	1.3 %	0.3 %	0.7 %	1.3 %	5.9 %
Redstone Arsenal	0.4 %	0.8 %	0.3 %	0.9 %	0.1 %	2.8 %	5.4 %
Data Center Shells	0.0 %	0.0 %	0.1 %	0.0 %	0.1 %	5.0 %	5.3 %
Regional Office	2.0 %	0.8 %	0.4 %	0.7 %	1.4 %	6.3 %	11.6 %
Other	0.0 %	0.0 %	0.2 %	0.7 %	0.0 %	0.0 %	0.9 %
Total	9.4 %	12.5 %	12.7 %	22.6 %	9.3 %	33.5 %	100.0 %

This portfolio's weighted average lease term as of December 31, 2021 was approximately five years. We believe that the weighted average annualized rental revenue per occupied square foot for the portfolio's leases expiring in 2022 was, on average, approximately 1.0% to 3.0% higher than estimated current market rents for the related space, with specific results varying by segment.

Results of Operations

For a discussion of our results of operations comparison for 2020 and 2019, refer to our Annual Report on Form 10-K for the fiscal year ended December 31, 2020 filed on February 12, 2021.

We evaluate the operating performance of our properties using NOI from real estate operations, our segment performance measure, which includes: real estate revenues and property operating expenses from continuing and discontinued operations; and the net of revenues and property operating expenses of real estate operations owned through unconsolidated real estate joint ventures ("UJVs") that is allocable to our ownership interest ("UJV NOI allocable to COPT"). We view our NOI from real estate operations as comprising the following primary categories:

- office and data center shell properties:
 - stably owned and 100% operational throughout the two years being compared. We define these as changes from "Same Properties." For further discussion of the concept of "operational," refer to the section of Note 2 of the consolidated financial statements entitled "Properties";
 - developed or redeveloped and placed into service that were not 100% operational throughout the two years being compared; and
 - disposed; and
- our wholesale data center.

In addition to owning properties, we provide construction management and other services. The primary manner in which we evaluate the operating performance of our construction management and other service activities is through a measure we define as NOI from service operations, which is based on the net of the revenues and expenses from these activities. The revenues and expenses from these activities consist primarily of subcontracted costs that are reimbursed to us by customers along with a management fee. The operating margins from these activities are small relative to the revenue. We believe NOI from service operations is a useful measure in assessing both our level of activity and our profitability in conducting such operations.

Since both of the measures discussed above exclude certain items includable in net income, reliance on these measures has limitations; management compensates for these limitations by using the measures simply as supplemental measures that are considered alongside other GAAP and non-GAAP measures. A reconciliation of NOI from real estate operations and NOI from service operations to income from continuing operations reported on the consolidated statements of operations is provided in Note 16 to our consolidated financial statements.

Comparison of Statements of Operations for the Years Ended December 31, 2021 and 2020

	For the Years Ended December 31,		
	2021	2020	Variance
	(in thousands)		
Revenues			
Revenues from real estate operations	\$ 556,570	\$ 511,714	\$ 44,856
Construction contract and other service revenues	107,876	70,640	37,236
Total revenues	664,446	582,354	82,092
Operating expenses			
Property operating expenses	213,377	190,796	22,581
Depreciation and amortization associated with real estate operations	137,543	126,503	11,040
Construction contract and other service expenses	104,053	67,615	36,438
Impairment losses	—	1,530	(1,530)
General, administrative and leasing expenses	36,127	33,001	3,126
Business development expenses and land carry costs	4,647	4,473	174
Total operating expenses	495,747	423,918	71,829
Interest expense	(65,398)	(67,937)	2,539
Interest and other income	7,879	8,574	(695)
Credit loss recoveries	1,128	933	195
Gain on sales of real estate	65,590	30,209	35,381
Gain on sale of investment in unconsolidated real estate joint venture	—	29,416	(29,416)
Loss on early extinguishment of debt	(100,626)	(7,306)	(93,320)
Loss on interest rate derivatives	—	(53,196)	53,196
Equity in income of unconsolidated entities	1,093	1,825	(732)
Income tax expense	(145)	(353)	208
Income from continuing operations	78,220	100,601	(22,381)
Discontinued operations	3,358	2,277	1,081
Net income	\$ 81,578	\$ 102,878	\$ (21,300)

NOI from Real Estate Operations

	For the Years Ended December 31,		
	2021	2020	Variance
(Dollars in thousands, except per square foot data)			
Revenues			
Same Properties revenues			
Lease revenue, excluding lease termination revenue and provision for collectability losses	\$ 491,468	\$ 482,970	\$ 8,498
Lease termination revenue, net	2,416	834	1,582
Provision for collectability losses included in lease revenue	(105)	(2,610)	2,505
Other property revenue	2,769	2,590	179
Same Properties total revenues	496,548	483,784	12,764
Developed and redeveloped properties placed in service	53,158	15,928	37,230
Wholesale data center	30,490	27,011	3,479
Dispositions	2,844	11,225	(8,381)
Other	4,020	777	3,243
	587,060	538,725	48,335
Property operating expenses			
Same Properties			
Developed and redeveloped properties placed in service	(12,124)	(2,489)	(9,635)
Wholesale data center	(17,424)	(13,543)	(3,881)
Dispositions	(434)	(1,202)	768
Other	(3,286)	(631)	(2,655)
	(230,219)	(203,840)	(26,379)
UJV NOI allocable to COPT			
Same Properties			
Retained interests in newly-formed UJVs	2,038	112	1,926
Dispositions	(19)	4,818	(4,837)
	4,029	6,951	(2,922)
NOI from real estate operations			
Same Properties			
Developed and redeveloped properties placed in service	41,034	13,439	27,595
Wholesale data center	13,066	13,468	(402)
Dispositions, net of retained interests in newly-formed UJVs	4,429	14,953	(10,524)
Other	734	146	588
	\$ 360,870	\$ 341,836	\$ 19,034
Same Properties NOI from real estate operations by segment			
Defense/IT Locations	\$ 269,635	\$ 266,967	\$ 2,668
Regional Office	30,615	31,220	(605)
Other	1,357	1,643	(286)
	\$ 301,607	\$ 299,830	\$ 1,777
Same Properties rent statistics			
Average occupancy rate	92.3 %	92.8 %	(0.5 %)
Average straight-line rent per occupied square foot (1)	\$ 26.50	\$ 26.26	\$ 0.24

(1) Includes minimum base rents, net of abatements and lease incentives and excluding lease termination revenue, on a straight-line basis for the years set forth above.

Our Same Properties pool consisted of 159 properties, comprising 79.9% of our office and data center shell portfolio's square footage as of December 31, 2021. This pool of properties changed from the pool used for purposes of comparing 2020 and 2019 in our 2020 Annual Report on Form 10-K due to the: addition of eight properties placed in service and 100%

operational on or before January 1, 2020 and nine properties owned through an unconsolidated real estate joint venture that was formed in 2019; and removal of two properties in which we sold a 90% interest.

Regarding the changes in NOI from real estate operations reported above:

- the increase for our Same Properties pool was due primarily to:
 - lower provisions for collectability losses (primarily attributable to the effect in 2020 of the pandemic on certain tenants serving as amenities to Defense/IT Location properties) and higher lease termination revenues in the current period, as well as higher rent per occupied square foot in the current period due to an increase in rental rates (mostly from leases of renewed or previously-vacant space); offset in part by the effects of
 - lower occupancy and higher snow removal and repairs and maintenance expenses in the current period;
- developed and redeveloped properties placed in service reflects the effect of 17 properties placed in service in 2020 and 2021; and
- dispositions, net of retained interest in newly-formed UJVs reflects the effect of our decrease in ownership of eight data center shells in 2020 and two in 2021.

NOI from Service Operations

	For the Years Ended December 31,		
	2021	2020	Variance
	(in thousands)		
Construction contract and other service revenues	\$ 107,876	\$ 70,640	\$ 37,236
Construction contract and other service expenses	(104,053)	(67,615)	(36,438)
NOI from service operations	<u>\$ 3,823</u>	<u>\$ 3,025</u>	<u>\$ 798</u>

Construction contract and other service revenues and expenses increased due primarily to a higher volume of construction activity in connection with several of our tenants. Construction contract activity is inherently subject to significant variability depending on the volume and nature of projects undertaken by us primarily on behalf of tenants. Service operations are an ancillary component of our overall operations that typically contribute an insignificant amount of income relative to our real estate operations.

Depreciation and amortization associated with real estate operations

The increase in depreciation and amortization associated with real estate operations was primarily attributable to newly-developed properties placed in service.

General, administrative and leasing expenses

General, administrative and leasing expenses increased in large part due to the effect of the resignation of our Chief Operating Officer in early 2020 and hiring of his replacement in late 2020, as well as higher incentive compensation awards for 2021 in recognition of the Company's performance.

We capitalize compensation and indirect costs associated with properties, or portions thereof, undergoing development or redevelopment activities. Our capitalized compensation and indirect costs totaled \$11.0 million in 2021 and \$9.4 million in 2020.

Interest expense

The table below sets forth components of our interest expense:

	For the Years Ended December 31,		
	2021	2020	Variance
	(in thousands)		
Interest on unsecured senior notes	\$ 48,333	\$ 53,534	\$ (5,201)
Interest on mortgage and other secured debt	7,373	8,658	(1,285)
Interest on unsecured term debt	4,259	5,909	(1,650)
Interest on Revolving Credit Facility	1,631	3,239	(1,608)
Interest expense recognized on interest rate swaps	5,028	3,726	1,302
Amortization of deferred financing costs	2,980	2,538	442
Other interest	2,261	2,393	(132)
Capitalized interest	(6,467)	(12,060)	5,593
Interest expense	<u>\$ 65,398</u>	<u>\$ 67,937</u>	<u>\$ (2,539)</u>

Regarding the changes in interest expense components reported above: the decrease in interest expense on unsecured senior notes was attributable to our refinancing in 2020 and 2021 of all of our previous notes with new notes at lower interest rates; and the decrease in capitalized interest was due primarily to lower construction volume in 2021 relative to 2020.

Our average outstanding debt was \$2.2 billion in 2021 and \$2.1 billion in 2020, and our weighted average effective interest rate on debt was approximately 3.0% in 2021 and 3.6% in 2020.

Gain on sales of real estate

Gain on sales of real estate in 2021 included primarily \$40.2 million from our sale of 90% interests in two data center shell properties and \$25.9 million from our sale of a property in our data center shells sub-segment that was previously removed from service. The gain on sales of real estate in 2020 included our sale of 90% interests in two data center shell properties. For the sales of 90% interests in properties in 2021 and 2020, we retained 10% interests in the properties through unconsolidated real estate joint ventures.

Gain on sale of investment in unconsolidated real estate joint venture

The gain on sale of investment in unconsolidated real estate joint venture recognized in 2020 was attributable to our sale of a portion of our ownership interests in six data center shell properties owned through an unconsolidated real estate joint venture.

Loss on extinguishment of debt

The loss on early extinguishment of debt recognized in 2021 and 2020 was attributable primarily to our unsecured senior notes refinancings in each of those years.

Loss on interest rate derivatives

In 2020, we recognized a loss on interest rate swaps previously designated as cash flow hedges of interest expense on forecasted future borrowings following our determination that such borrowings would probably not occur.

Funds from Operations

Funds from operations ("FFO") is defined as net income computed using GAAP, excluding gains on sales and impairment losses of real estate (net of associated income tax) and real estate-related depreciation and amortization. FFO also includes adjustments to net income for the effects of the items noted above pertaining to UJVs that were allocable to our ownership interest in the UJVs. We believe that we use the Nareit definition of FFO, although others may interpret the definition differently and, accordingly, our presentation of FFO may differ from those of other REITs. We believe that FFO is useful to management and investors as a supplemental measure of operating performance because, by excluding gains on sales and impairment losses of real estate and investments in unconsolidated real estate joint ventures (net of associated income tax), and real estate-related depreciation and amortization, FFO can help one compare our operating performance between periods. In addition, since most equity REITs provide FFO information to the investment community, we believe that FFO is useful to investors as a supplemental measure for comparing our results to those of other equity REITs. We believe that net income is the most directly comparable GAAP measure to FFO.

Since FFO excludes certain items includable in net income, reliance on the measure has limitations; management compensates for these limitations by using the measure simply as a supplemental measure that is weighed in balance with other GAAP and non-GAAP measures. FFO is not necessarily an indication of our cash flow available to fund cash needs. Additionally, it should not be used as an alternative to net income when evaluating our financial performance or to cash flow from operating, investing and financing activities when evaluating our liquidity or ability to make cash distributions or pay debt service.

Basic FFO available to common share and common unit holders ("Basic FFO") is FFO adjusted to subtract (1) preferred share dividends, (2) income attributable to noncontrolling interests through ownership of preferred units in the Operating Partnership or interests in other consolidated entities not owned by us, (3) depreciation and amortization allocable to noncontrolling interests in other consolidated entities and (4) Basic FFO allocable to share-based compensation awards. With these adjustments, Basic FFO represents FFO available to common shareholders and common unitholders. Common units in the Operating Partnership are substantially similar to our common shares and are exchangeable into common shares, subject to certain conditions. We believe that Basic FFO is useful to investors due to the close correlation of common units to common shares. We believe that net income is the most directly comparable GAAP measure to Basic FFO. Basic FFO has essentially the same limitations as FFO; management compensates for these limitations in essentially the same manner as described above for FFO.

Diluted FFO available to common share and common unit holders ("Diluted FFO") is Basic FFO adjusted to add back any changes in Basic FFO that would result from the assumed conversion of securities that are convertible or exchangeable into common shares. We believe that Diluted FFO is useful to investors because it is the numerator used to compute Diluted FFO per share, discussed below. We believe that net income is the most directly comparable GAAP measure to Diluted FFO. Since Diluted FFO excludes certain items includable in the numerator to diluted EPS, reliance on the measure has limitations; management compensates for these limitations by using the measure simply as a supplemental measure that is weighed in the balance with other GAAP and non-GAAP measures. Diluted FFO is not necessarily an indication of our cash flow available to fund cash needs. Additionally, it should not be used as an alternative to net income when evaluating our financial performance or to cash flow from operating, investing and financing activities when evaluating our liquidity or ability to make cash distributions or pay debt service.

Diluted FFO available to common share and common unit holders, as adjusted for comparability is defined as Diluted FFO adjusted to exclude operating property acquisition costs; gain or loss on early extinguishment of debt; FFO associated with properties securing non-recourse debt on which we have defaulted and which we have extinguished, or expect to extinguish, via conveyance of such properties, including property NOI, interest expense and gains on debt extinguishment (discussed further below); loss on interest rate derivatives; demolition costs on redevelopment and nonrecurring improvements; executive transition costs; issuance costs associated with redeemed preferred shares; allocations of FFO to holders of noncontrolling interests resulting from capital events; and certain other expenses that we believe are not closely correlated with our operating performance. This measure also includes adjustments for the effects of the items noted above pertaining to UJVs that were allocable to our ownership interest in the UJVs. We believe this to be a useful supplemental measure alongside Diluted FFO as it excludes gains and losses from certain investing and financing activities and certain other items that we believe are not closely correlated to (or associated with) our operating performance. We believe that net income is the most directly comparable GAAP measure to this non-GAAP measure. This measure has essentially the same limitations as Diluted FFO, as well as the further limitation of not reflecting the effects of the excluded items; we compensate for these limitations in essentially the same manner as described above for Diluted FFO.

Diluted FFO per share is (1) Diluted FFO divided by (2) the sum of the (a) weighted average common shares outstanding during a period, (b) weighted average common units outstanding during a period and (c) weighted average number of potential additional common shares that would have been outstanding during a period if other securities that are convertible or exchangeable into common shares were converted or exchanged. We believe that Diluted FFO per share is useful to investors because it provides investors with a further context for evaluating our FFO results in the same manner that investors use earnings per share ("EPS") in evaluating net income available to common shareholders. In addition, since most equity REITs provide Diluted FFO per share information to the investment community, we believe that Diluted FFO per share is a useful supplemental measure for comparing us to other equity REITs. We believe that diluted EPS is the most directly comparable GAAP measure to Diluted FFO per share. Diluted FFO per share has most of the same limitations as Diluted FFO (described above); management compensates for these limitations in essentially the same manner as described above for Diluted FFO.

Diluted FFO per share, as adjusted for comparability is (1) Diluted FFO, as adjusted for comparability divided by (2) the sum of the (a) weighted average common shares outstanding during a period, (b) weighted average common units outstanding during a period and (c) weighted average number of potential additional common shares that would have been outstanding during a period if other securities that are convertible or exchangeable into common shares were converted or exchanged. We believe that this measure is useful to investors because it provides investors with a further context for evaluating our FFO results. We believe this to be a useful supplemental measure alongside Diluted FFO per share as it excludes gains and losses from certain investing and financing activities and certain other items that we believe are not closely correlated to (or associated with) our operating performance. We believe that diluted EPS is the most directly comparable GAAP measure to this per share measure. This measure has most of the same limitations as Diluted FFO (described above) as well as the further limitation of not reflecting

the effects of the excluded items; we compensate for these limitations in essentially the same manner as described above for Diluted FFO.

The computations for all of the above measures on a diluted basis assume the conversion of common units in COPLP but do not assume the conversion of other securities that are convertible into common shares if the conversion of those securities would increase per share measures in a given period.

We use measures called payout ratios as supplemental measures of our ability to make distributions to investors based on each of the following: FFO; Diluted FFO; and Diluted FFO, adjusted for comparability. These measures are defined as (1) the sum of (a) dividends on unrestricted common shares and (b) distributions to holders of interests in COPLP (excluding unvested share-based compensation awards) divided by either (2) FFO, Diluted FFO or Diluted FFO, adjusted for comparability.

The table below sets forth the computation of the above stated measures for 2021 and 2020 and provides reconciliations to the GAAP measures of COPT and subsidiaries associated with such measures:

	For the Years Ended December 31,	
	2021	2020
	(Dollars and shares in thousands, except per share data)	
Net income	\$ 81,578	\$ 102,878
Real estate-related depreciation and amortization	147,833	138,193
Depreciation and amortization on UJVs allocable to COPT	1,981	3,329
Impairment losses on real estate	—	1,530
Gain on sales of real estate	(65,590)	(30,209)
Gain on sale of investment in unconsolidated real estate JV	—	(29,416)
FFO	165,802	186,305
FFO allocable to other noncontrolling interests	(5,483)	(15,705)
Basic FFO allocable to share-based compensation awards	(777)	(719)
Noncontrolling interests-preferred units in the Operating Partnership	—	(300)
Basic FFO available to common shares and common unit holders	159,542	169,581
Redeemable noncontrolling interests	(11)	147
Diluted FFO adjustments allocable to share-based compensation awards	32	—
Diluted FFO available to common share and common unit holders	159,563	169,728
Loss on early extinguishment of debt	100,626	7,306
Loss on interest rate derivatives	—	53,196
Loss on interest rate derivatives included in interest expense	221	—
Demolition costs on redevelopment and nonrecurring improvements	423	63
Diluted FFO comparability adjustments allocable to share-based compensation awards	(507)	(327)
Dilutive preferred units in the Operating Partnership	—	300
FFO allocation to other noncontrolling interests resulting from capital event	—	11,090
Diluted FFO available to common share and common unit holders, as adjusted for comparability	\$ 260,326	\$ 241,356
Weighted average common shares	111,960	111,788
Conversion of weighted average common units	1,257	1,236
Weighted average common shares/units - Basic FFO per share	113,217	113,024
Dilutive effect of share-based compensation awards	330	288
Redeemable noncontrolling interests	128	123
Weighted average common shares/units - Diluted FFO per share	113,675	113,435
Dilutive convertible preferred units	—	171
Weighted average common shares/units - Diluted FFO per share, as adjusted for comparability	113,675	113,606
Diluted FFO per share	\$ 1.40	\$ 1.50
Diluted FFO per share, as adjusted for comparability	\$ 2.29	\$ 2.12
Denominator for diluted EPS	112,418	112,076
Weighted average common units	1,257	1,236
Redeemable noncontrolling interests	—	123
Denominator for diluted FFO per share	113,675	113,435
Dilutive convertible preferred units	—	171
Denominator for diluted FFO per share, as adjusted for comparability	113,675	113,606
Common share dividends - unrestricted shares and deferred shares	\$ 123,243	\$ 123,042
Common unit distributions - unrestricted units	1,387	1,362
Common unit distributions - dilutive restricted units	25	—
Dividends and distributions for FFO and diluted FFO payout ratios	124,655	124,404
Distributions on dilutive preferred units	—	300
Dividends and distributions for other payout ratio	\$ 124,655	\$ 124,704
FFO payout ratio	75.2 %	66.8 %
Diluted FFO payout ratio	78.1 %	73.3 %
Diluted FFO payout ratio, as adjusted for comparability	47.9 %	51.7 %

Property Additions

The table below sets forth the major components of our additions to properties for 2021 and 2020:

	For the Years Ended December 31,		
	2021	2020	Variance
	(in thousands)		
Development and redevelopment	\$ 283,180	\$ 345,818	\$ (62,638)
Tenant improvements on operating properties (1)	23,533	26,071	(2,538)
Capital improvements on operating properties	35,970	34,060	1,910
	<u>\$ 342,683</u>	<u>\$ 405,949</u>	<u>\$ (63,266)</u>

(1) Tenant improvement costs incurred on newly-developed properties are classified in this table as development and redevelopment.

Cash Flows

Net cash flow from operating activities increased \$10.7 million, or 4.5%, from 2020 to 2021 due primarily to an increase in cash flow from real estate operations resulting from the growth of our property portfolio.

Net cash flow used in investing activities decreased \$122.8 million from 2020 to 2021 due primarily to a \$76.5 million decrease in cash outlays for development and redevelopment of properties and the effect of \$53.1 million paid in the prior period to cash settle interest rate swaps.

Net cash flow used in financing activities in 2021 was \$50.9 million, and included dividends to common shareholders of \$123.5 million. Net proceeds from debt borrowings during the period totaled \$82.8 million, which included the net effect of our senior note issuances and senior note purchases and redemptions (and related early extinguishment costs), the repayment of a portion of our term loan facility, the payoff of a construction loan and mortgage loan (and related early extinguishment costs) and the net pay down of our Revolving Credit Facility.

Net cash flow provided by financing activities in 2020 was \$91.3 million and included primarily the following:

- net proceeds from debt borrowings of \$245.0 million, which included \$150.0 million in borrowings under a term loan facility and the net increase from our senior notes issuance and senior notes purchase and redemption (and related early extinguishment costs); offset in part by
- dividends to common shareholders of \$123.4 million;
- distributions paid to redeemable noncontrolling interests of \$14.4 million; and
- our redemption of COPLP Series I Preferred Units for \$8.8 million.

Supplemental Guarantor Information

As of December 31, 2021, COPLP had several series of unsecured senior notes outstanding that were issued in transactions registered with the SEC under the Securities Act of 1933, as amended. These notes are COPLP's direct, senior unsecured and unsubordinated obligations and rank equally in right of payment with all of COPLP's existing and future senior unsecured and unsubordinated indebtedness. However, these notes are effectively subordinated in right of payment to COPLP's existing and future secured indebtedness. The notes are also effectively subordinated in right of payment to all existing and future liabilities and other indebtedness, whether secured or unsecured, of COPLP's subsidiaries. COPT fully and unconditionally guarantees COPLP's obligations under these notes. COPT's guarantees of these notes are senior unsecured obligations that rank equally in right of payment with other senior unsecured obligations of, or guarantees by, COPT. COPT itself does not hold any indebtedness, and its only material asset is its investment in COPLP.

In March 2020, the SEC adopted amendments to Rule 3-10 of Regulation S-X and adopted Rule 13-01 of Regulation S-X to simplify disclosure requirements related to certain registered securities that became effective on January 4, 2021. As a result of these amendments, subsidiary issuers of obligations guaranteed by the parent are not required to provide separate financial statements, provided that the subsidiary obligor is consolidated into the parent company's consolidated financial statements, the parent guarantee is "full and unconditional" and the alternative disclosure required by Rule 13-01 is provided, which includes narrative disclosure and, subject to certain exceptions, summarized financial information. Accordingly, we no longer present separate consolidated financial statements for the Operating Partnership. Furthermore, as permitted under Rule 13-01(a)(4)(vi), we have excluded summarized financial information for the Operating Partnership since: the assets, liabilities, and results of operations of the Company and the Operating Partnership are not materially different than the corresponding amounts presented in the consolidated financial statements of the Company; and we believe that inclusion of such summarized financial information would be repetitive and not provide incremental value to investors.

Liquidity and Capital Resources

As of December 31, 2021, we had \$13.3 million in cash and cash equivalents.

We have a Revolving Credit Facility with an aggregate commitment by the lenders of \$800.0 million, with the ability for us to increase such commitment to \$1.25 billion, provided that there is no default under the facility and subject to the approval of the lenders. We use this facility to initially fund much of the cash requirements from our investing activities, including property development/redevelopment costs, as well as certain debt balloon payments due upon maturity. We then subsequently pay down the facility using cash available from operations and proceeds from long-term borrowings, equity issuances and sales of interests in properties. The facility matures in March 2023, and may be extended by two six-month periods at our option, provided that there is no default under the facility and we pay an extension fee of 0.075% of the total availability under the facility for each extension period. As of December 31, 2021, the maximum borrowing capacity under this facility totaled \$800.0 million, of which \$724.0 million was available. On January 25, 2022, the full \$800.0 million in borrowing capacity under the facility was available following our repayment of the outstanding balance on that date using proceeds from our wholesale data center sale.

Our senior unsecured debt is currently rated investment grade by the three major rating agencies. We aim to maintain an investment grade rating to enable us to use debt comprised of unsecured, primarily fixed-rate debt (including the effect of interest rate swaps) from public markets and banks. We also use secured nonrecourse debt from institutional lenders and banks primarily for joint venture financings. In addition, we periodically raise equity when we access the public equity markets by issuing common shares and, to a lesser extent, preferred shares.

We have a program in place under which we may offer and sell common shares in at-the-market stock offerings having an aggregate gross sales price of up to \$300 million. Under this program, we may also, at our discretion, sell common shares under forward equity sales agreements. The use of a forward equity sales agreement would enable us to lock in a price on a sale of common shares when the agreement is executed but defer issuing the shares and receiving the sale proceeds until a later date.

We believe that our liquidity and capital resources are adequate for our near-term and longer-term requirements without necessitating property sales. However, we may dispose of interests in properties opportunistically or when market conditions otherwise warrant. In addition, we believe that we have the ability to raise additional equity by selling interests in data center shells through joint ventures.

Our material cash requirements, including contractual and other obligations, include:

- property operating expenses, including future lease obligations from us as a lessee;
- construction contract expenses;
- general and administrative expenses;
- debt service, including interest expense;
- property development/redevelopment costs;
- tenant and capital improvements and leasing costs for operating properties (expected to total approximately \$90 million in 2022);
- debt balloon payments due upon maturity; and
- dividends to our shareholders.

We expect to use cash flow from operations in 2022 and annually thereafter for the foreseeable future to fund all of these cash requirements except for property development/redevelopment costs and debt balloon payments due upon maturity.

In 2022, we expect to spend \$275 million to \$300 million on development/redevelopment costs, most of which was contractually obligated as of December 31, 2021; we expect to fund these cash requirements using, in part, any available remaining cash flow from operations, with the balance funded primarily using borrowings under our Revolving Credit Facility, at least initially. As of December 31, 2021, we had \$300 million in debt balloon payments due in 2022; we repaid \$75 million of this debt on January 25, 2022 using proceeds from the sale of our wholesale data center and expect to repay the remaining \$225 million using borrowings under our Revolving Credit Facility or proceeds from new long-term debt borrowings. As we use our Revolving Credit Facility to fund development/redevelopment costs and debt balloon payments, we intend to free up borrowing capacity by paying it down using proceeds from sales of interests in data center shells, property sales, new long-term debt borrowings and/or issuing common shares.

Beyond 2022, we expect to continue to actively develop and redevelop properties and fund using, in part, any available remaining cash flow from operations, with most of the balance funded initially using borrowings under our Revolving Credit Facility.

We provide disclosure in our consolidated financial statements on our future lessee obligations (expected to be funded primarily by cash flow from operations) in Note 5 and future debt obligations (expected to be refinanced by new debt borrowings or funded by future equity issuances and/or sales of interests in properties) in Note 10.

Certain of our debt instruments require that we comply with a number of restrictive financial covenants, including maximum leverage ratio, unencumbered leverage ratio, minimum net worth, minimum fixed charge coverage, minimum unencumbered interest coverage ratio, minimum debt service and maximum secured indebtedness ratio. As of December 31, 2021, we were compliant with these covenants.

Recent Accounting Pronouncements

See Note 2 to our consolidated financial statements for information regarding recent accounting pronouncements.

Item 7A. Quantitative and Qualitative Disclosures about Market Risk

We are exposed to certain market risks, one of the most predominant of which is a change in interest rates. Increases in interest rates can result in increased interest expense under our Revolving Credit Facility and other variable rate debt. Increases in interest rates can also result in increased interest expense when our fixed rate debt matures and needs to be refinanced.

The following table sets forth as of December 31, 2021 our debt obligations and weighted average interest rates on debt maturing each year (dollars in thousands):

	For the Years Ending December 31,						Total
	2022	2023	2024	2025	2026	Thereafter	
Debt:							
Fixed rate debt (1)	\$ 2,868	\$ 18,413	\$ 29,443	\$ 1,302	\$ 436,140	\$ 1,400,000	\$ 1,888,166
Weighted average interest rate	3.84%	3.94%	4.42%	3.23%	2.38%	2.58%	2.58%
Variable rate debt (2)	\$ 300,465	\$ 76,540	\$ 540	\$ 22,415	\$ 10,160	\$ —	\$ 410,120
Weighted average interest rate (3)	1.10%	1.20%	1.60%	1.65%	1.55%	—%	1.16%

(1) Represents principal maturities only and therefore excludes net discounts and deferred financing costs of \$26.0 million.

(2) As of December 31, 2021, maturities in 2023 included \$76.0 million that may be extended to 2024, subject to certain conditions.

(3) The amounts reflected above used interest rates as of December 31, 2021 for variable rate debt.

The fair value of our debt was \$2.3 billion as of December 31, 2021 and \$2.1 billion as of December 31, 2020. If interest rates had been 1% lower, the fair value of our fixed-rate debt would have increased by approximately \$138 million as of December 31, 2021 and \$52 million as of December 31, 2020.

See Note 11 to our consolidated financial statements for information pertaining to interest rate swap contracts in place as of December 31, 2021 and 2020 and their respective fair values.

Based on our variable-rate debt balances, including the effect of interest rate swap contracts, our interest expense would have increased by \$2.9 million in 2021 and \$2.2 million in 2020 if the applicable LIBOR rate was 1% higher. Interest expense in 2021 was more sensitive to a change in interest rates than 2020 due primarily to our having a higher average variable-rate debt balance in 2021 including the effect of interest rate derivatives in place.

Item 8. Financial Statements and Supplementary Data

This item is included in a separate section at the end of this report beginning on page F-1.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

Item 9A. Controls and Procedures

I. Internal Control Over Financial Reporting

Our management, with the participation of our Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of our disclosure controls and procedures (as defined in Rule 13a-15(e) under the Exchange Act) as of December 31, 2021. Based on this evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures as of December 31, 2021 were functioning effectively to provide reasonable assurance that the information required to be disclosed in reports filed or submitted under the Securities Exchange Act of 1934 is (i) recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and (ii) accumulated and

communicated to our management, including its principal executive and principal financial officers, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure.

(a) Management's Report on Internal Control Over Financial Reporting

Management's Report on Internal Control Over Financial Reporting is included in a separate section at the end of this report on page F-2.

(b) Report of Independent Registered Public Accounting Firm

The Report of Independent Registered Public Accounting Firm is included in a separate section at the end of this report on pages F-3 and F-4.

(c) Change in Internal Control over Financial Reporting

No change in our internal control over financial reporting occurred during the most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

Item 9B. Other Information

None.

Item 9C. Disclosure Regarding Foreign Jurisdictions that Prevent Inspections

None.

PART III

Items 10, 11, 12, 13 & 14. Directors, Executive Officers and Corporate Governance; Executive Compensation; Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters; Certain Relationships and Related Transactions, and Director Independence; and Principal Accountant Fees and Services

For the information required by Item 10, Item 11, Item 12, Item 13 and Item 14, you should refer to our definitive proxy statement relating to the 2022 Annual Meeting of our Shareholders to be filed with the Securities and Exchange Commission no later than 120 days after the end of the fiscal year covered by this Annual Report on Form 10-K.

PART IV

Item 15. Exhibits and Financial Statement Schedules

(a) The following documents are filed as exhibits to this Form 10-K:

1. **Financial Statements.** See "Index to consolidated financial statements" on page F-1 of this Annual Report on Form 10-K.
2. **Financial Statement Schedules.** See "Index to consolidated financial statements" on page F-1 of this Annual Report on Form 10-K.
3. **See section below entitled "Exhibits."**

(b) Exhibits. Refer to the Exhibit Index that follows. Unless otherwise noted, the file number of all documents incorporated by reference is 1-14023.

EXHIBIT NO.	DESCRIPTION
3.1	Articles Supplementary of Corporate Office Properties Trust filed with the State Department of Assessments and Taxation of Maryland on September 22, 2014 (filed with the Company's Current Report on Form 8-K dated September 24, 2014 and incorporated herein by reference).
3.2	Amended and Restated Declaration of Trust of Corporate Office Properties Trust, as amended through May 15, 2018 (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2018 and incorporated herein by reference).
3.3	Amended and Restated Bylaws of Corporate Office Properties Trust, as amended through May 2017 (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2017 and incorporated herein by reference).
3.4	Form of certificate for the Registrant's Common Shares of Beneficial Interest, \$0.01 par value per share (filed with the Company's Registration Statement on Form S-4 (Commission File No. 333-45649) and incorporated herein by reference).
4	Description of Common Shares (filed with the Company's Annual Report on Form 10-K for the year ended December 31, 2019 and incorporated herein by reference).
10.1	Third Amended and Restated Limited Partnership Agreement of Corporate Office Properties, L.P. (filed with the Company's Current Report on Form 8-K dated December 6, 2018 and incorporated herein by reference).
10.1.1	First Amendment to Third Amended and Restated Limited Partnership Agreement of Corporate Office Properties, L.P. dated July 31, 2019 (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2019 and incorporated herein by reference).
10.2.1*	Corporate Office Properties Trust Supplemental Nonqualified Deferred Compensation Plan (filed with the Company's Current Report on Form 8-K dated December 10, 2008 and incorporated herein by reference).
10.2.2*	First Amendment to the Corporate Office Properties Trust Supplemental Nonqualified Deferred Compensation Plan dated December 4, 2008 (filed with the Company's Current Report on Form 8-K dated December 10, 2008 and incorporated herein by reference).
10.3.1*	Corporate Office Properties Trust 2017 Omnibus Equity and Incentive Plan (included in Annex B to the Company's Definitive Proxy Statement on Schedule 14A filed with the Securities and Exchange Commission on March 27, 2017 and incorporated herein by reference).
10.3.2*	First Amendment to the Corporate Office Properties Trust 2017 Omnibus Equity and Incentive Plan (filed with the Company's Current Report on Form 8-K dated December 6, 2018 and incorporated herein by reference).

EXHIBIT NO.	DESCRIPTION
10.4.1*	Form of Corporate Office Properties Trust Performance-Based Restricted Share Unit Award Certificate (2017 Omnibus Equity and Incentive Plan) (filed with the Company's Annual Report on Form 10-K for the year ended December 31, 2017 and incorporated herein by reference).
10.4.2*	Form of Corporate Office Properties Trust Performance-Based Profit Interest Unit Award Certificate (2017 Omnibus Equity and Incentive Plan) (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2019 and incorporated herein by reference).
10.4.3*	Form of Corporate Office Properties Trust Time-Based Profit Interest Unit Award Certificate (2017 Omnibus Equity and Incentive Plan) (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2019 and incorporated herein by reference).
10.5*	Corporate Office Properties Trust and Corporate Office Properties, L.P. Amended and Restated Executive Change in Control and Severance Plan dated May 6, 2021 (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2021 and incorporated herein by reference).
10.6*	Letter Agreement, dated June 22, 2021, between Corporate Office Properties Trust, Corporate Office Properties, L.P., and Stephen E. Budorick (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2021 and incorporated herein by reference).
10.7*	Letter Agreement, dated November 1, 2021, between Corporate Office Properties Trust, Corporate Office Properties, L.P., and Todd Hartman (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2021 and incorporated herein by reference).
10.8*	Letter Agreement, dated November 1, 2021, between Corporate Office Properties Trust, Corporate Office Properties, L.P., and Anthony Mifsud (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2021 and incorporated herein by reference).
10.9*	Letter Agreement, dated November 1, 2021, between Corporate Office Properties Trust, Corporate Office Properties, L.P., and Gregory J. Thor (filed herewith).
10.10	Amended and Restated Registration Rights Agreement, dated March 16, 1998, for the benefit of certain shareholders of the Company (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 1998 and incorporated herein by reference).
10.11	Indenture, dated as of April 8, 2019, among Corporate Office Properties, L.P., as issuer, Corporate Office Properties Trust, as guarantor, and U.S. Bank National Association, as trustee (filed with the Company's Registration Statement on Form S-3 (Commission File No. 333-230764) and incorporated herein by reference).
10.12	First Supplemental Indenture, dated as of September 17, 2020, by and among Corporate Office Properties, L.P., as issuer, Corporate Office Properties Trust, as guarantor, and U.S. Bank National Association, as trustee (filed with the Company's Current Report on Form 8-K dated September 17, 2020 and incorporated herein by reference).
10.13	Second Supplemental Indenture, by and among Corporate Office Properties, L.P., as issuer, Corporate Office Properties Trust, as guarantor, and U.S. Bank National Association, as trustee (filed with the Company's Current Report on Form 8-K dated March 11, 2021 and incorporated herein by reference).
10.14	Third Supplemental Indenture, by and among Corporate Office Properties, L.P., as issuer, Corporate Office Properties Trust, as guarantor, and U.S. Bank National Association, as trustee (filed with the Company's Current Report on Form 8-K dated August 11, 2021 and incorporated herein by reference).
10.15	Fourth Supplemental Indenture, by and among Corporate Office Properties, L.P., as issuer, Corporate Office Properties Trust, as guarantor, and U.S. Bank National Association, as trustee (filed with the Company's Current Report on Form 8-K dated November 17, 2021 and incorporated herein by reference).
10.16	Amended and Restated Term Loan Agreement, dated as of March 6, 2020, by and among Corporate Office Properties, L.P., Corporate Office Properties Trust, Capital One, National Association, PNC Capital Markets LLC and Regions Capital Markets, a division of Regions Bank, PNC Bank, National Association and Regions Bank (filed with the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2020 and incorporated herein by reference).
10.17	Credit Agreement, dated as of October 10, 2018, by and among Corporate Office Properties, L.P.; Corporate Office Properties Trust; KeyBank National Association; KeyBanc Capital Markets, Inc.; JPMorgan Chase Bank, N.A.; Citibank, N.A.; Wells Fargo Bank, National Association; Barclays Bank PLC; Merrill Lynch, Pierce, Fenner & Smith Incorporated; Bank of America, N.A.; U.S. Bank National Association; Capital One National Association; Manufacturers and Traders Trust Company; PNC Bank, National Association; Regions Bank; and TD Bank, N.A. (filed with the Company's Current Report on Form 8-K dated October 16, 2018 and incorporated herein by reference).
21.1	Subsidiaries of Registrant (filed herewith).
22.1	List of Subsidiary Issuers of Guaranteed Securities (filed herewith).
23.1	Consent of Independent Registered Public Accounting Firm (filed herewith).
31.1	Certification of the Chief Executive Officer of Corporate Office Properties Trust required by Rule 13a-14(a) under the Securities Exchange Act of 1934, as amended (filed herewith).

EXHIBIT NO.	DESCRIPTION
31.2	Certification of the Chief Financial Officer of Corporate Office Properties Trust required by Rule 13a-14(a) under the Securities Exchange Act of 1934, as amended (filed herewith).
32.1	Certification of the Chief Executive Officer of Corporate Office Properties Trust required by Rule 13a-14(b) under the Securities Exchange Act of 1934, as amended. (This exhibit shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liability of that section. Further, this exhibit shall not be deemed to be incorporated by reference into any filing under the Securities Exchange Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended.) (Furnished herewith).
32.2	Certification of the Chief Financial Officer of Corporate Office Properties Trust required by Rule 13a-14(b) under the Securities Exchange Act of 1934, as amended. (This exhibit shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liability of that section. Further, this exhibit shall not be deemed to be incorporated by reference into any filing under the Securities Exchange Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended.) (Furnished herewith).
101.INS	XBRL Instance Document - The instance document does not appear in the interactive data file because its XBRL tags are embedded within the Inline XBRL document (filed herewith).
101.SCH	XBRL Taxonomy Extension Schema Document (filed herewith).
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document (filed herewith).
101.LAB	XBRL Extension Labels Linkbase (filed herewith).
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document (filed herewith).
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document (filed herewith).
104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101).

* - Indicates a compensatory plan or arrangement required to be filed as an exhibit to this Form 10-K.

(c) Not applicable.

Item 16. Form 10-K Summary

None.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CORPORATE OFFICE PROPERTIES TRUST

Date: February 22, 2022

By: /s/ Stephen E. Budorick
Stephen E. Budorick
President and Chief Executive Officer

Date: February 22, 2022

By: /s/ Anthony Mifsud
Anthony Mifsud
Executive Vice President and Chief Financial Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated:

<u>Signatures</u>	<u>Title</u>	<u>Date</u>
_____ /s/ Stephen E. Budorick (Stephen E. Budorick)	President and Chief Executive Officer and Trustee	February 22, 2022
_____ /s/ Anthony Mifsud (Anthony Mifsud)	Executive Vice President and Chief Financial Officer (Principal Financial Officer)	February 22, 2022
_____ /s/ Gregory J. Thor (Gregory J. Thor)	Senior Vice President, Controller and Chief Accounting Officer (Principal Accounting Officer)	February 22, 2022
_____ /s/ Thomas F. Brady (Thomas F. Brady)	Chairman of the Board and Trustee	February 22, 2022
_____ /s/ Robert L. Denton, Sr. (Robert L. Denton, Sr.)	Trustee	February 22, 2022
_____ /s/ Philip L. Hawkins (Philip L. Hawkins)	Trustee	February 22, 2022
_____ /s/ David M. Jacobstein (David M. Jacobstein)	Trustee	February 22, 2022
_____ /s/ Steven D. Kesler (Steven D. Kesler)	Trustee	February 22, 2022
_____ /s/ Letitia A. Long (Letitia A. Long)	Trustee	February 22, 2022
_____ /s/ Raymond L. Owens (Raymond L. Owens)	Trustee	February 22, 2022
_____ /s/ C. Taylor Pickett (C. Taylor Pickett)	Trustee	February 22, 2022
_____ /s/ Lisa G. Trimberger (Lisa G. Trimberger)	Trustee	February 22, 2022

**CORPORATE OFFICE PROPERTIES TRUST AND SUBSIDIARIES
INDEX TO FINANCIAL STATEMENTS AND SCHEDULE**

<u>Management's Report on Internal Control Over Financial Reporting</u>	<u>F-2</u>
<u>Report of Independent Registered Public Accounting Firm</u> (PCAOB ID: 238)	<u>F-3</u>
<u>Consolidated Financial Statements</u>	
<u>Consolidated Balance Sheets as of December 31, 2021 and 2020</u>	<u>F-5</u>
<u>Consolidated Statements of Operations for the Years Ended December 31, 2021, 2020 and 2019</u>	<u>F-6</u>
<u>Consolidated Statements of Comprehensive Income for the Years Ended December 31, 2021, 2020 and 2019</u>	<u>F-7</u>
<u>Consolidated Statements of Equity for the Years Ended December 31, 2021, 2020 and 2019</u>	<u>F-8</u>
<u>Consolidated Statements of Cash Flows for the Years Ended December 31, 2021, 2020 and 2019</u>	<u>F-9</u>
<u>Notes to Consolidated Financial Statements</u>	<u>F-11</u>
<u>Financial Statements Schedule</u>	
<u>Schedule III - Real Estate and Accumulated Depreciation as of December 31, 2021</u>	<u>F-49</u>

Management's Report on Internal Control Over Financial Reporting

Management is responsible for establishing and maintaining adequate internal control over financial reporting, and for performing an assessment of the effectiveness of internal control over financial reporting as of December 31, 2021. Internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. Our internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of our assets; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that our receipts and expenditures are being made only in accordance with authorizations of our management and trustees; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of our assets that could have a material effect on the financial statements. Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Management performed an assessment of the effectiveness of our internal control over financial reporting as of December 31, 2021 based upon criteria in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). Based on our assessment, management determined that our internal control over financial reporting was effective as of December 31, 2021 based on the criteria in Internal Control - Integrated Framework (2013) issued by the COSO.

The effectiveness of our internal control over financial reporting as of December 31, 2021 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in their report which appears herein.

Report of Independent Registered Public Accounting Firm

To the Board of Trustees and Shareholders of Corporate Office Properties Trust

Opinions on the Financial Statements and Internal Control over Financial Reporting

We have audited the accompanying consolidated balance sheets of Corporate Office Properties Trust and its subsidiaries (the "Company") as of December 31, 2021 and 2020, and the related consolidated statements of operations, of comprehensive income, of equity and of cash flows for each of the three years in the period ended December 31, 2021, including the related notes and financial statement schedule listed in the accompanying index (collectively referred to as the "consolidated financial statements"). We also have audited the Company's internal control over financial reporting as of December 31, 2021, based on criteria established in *Internal Control - Integrated Framework* (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2021 and 2020, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2021 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2021, based on criteria established in *Internal Control - Integrated Framework* (2013) issued by the COSO.

Basis for Opinions

The Company's management is responsible for these consolidated financial statements, for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express opinions on the Company's consolidated financial statements and on the Company's internal control over financial reporting based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud, and whether effective internal control over financial reporting was maintained in all material respects.

Our audits of the consolidated financial statements included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

Definition and Limitations of Internal Control over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and the board of trustees of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Critical Audit Matters

The critical audit matter communicated below is a matter arising from the current period audit of the consolidated financial statements that was communicated or required to be communicated to the audit committee and that (i) relates to accounts or disclosures that are material to the consolidated financial statements and (ii) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Determination of Expected Lease End Date for United States Government Leases with One-year Renewal Options and/or Early Termination Rights

As described in Notes 2 and 5 to the consolidated financial statements, total lease revenue from continuing operations for the year ended December 31, 2021 was \$553.7 million and a significant portion of the Company's leases are with the United States Government, which represented 26% of the fixed lease revenues for the year ended December 31, 2021. The majority of United States Government leases contain one-year renewal options and/or provide for early termination rights. The Company recognizes minimum rental payments on a straight-line basis over the terms of each lease. The lease term of a lease includes the noncancellable periods of the lease along with periods covered by: (1) a tenant option to extend the lease if the tenant is reasonably certain to exercise that option; (2) a tenant option to terminate the lease if the tenant is reasonably certain not to exercise that option; and (3) an option to extend (or not to terminate) the lease in which exercise of the option is controlled by the Company as the lessor. When assessing the expected lease end date, management uses judgment in contemplating the significance of any penalties a tenant may incur should it choose not to exercise any existing options to extend the lease or exercise any existing options to terminate the lease; and economic incentives for the tenant based on any existing contract, asset, entity or market-based factors in the lease.

The principal considerations for our determination that performing procedures relating to the determination of the expected lease end date for United States Government leases with one-year renewal options and/or early termination rights is a critical audit matter are the significant judgments by management when determining the expected lease end date for the United States Government leases with one-year renewal options and/or early termination rights, which in turn led to a high degree of auditor judgment, subjectivity and audit effort in performing procedures and evaluating audit evidence relating to the determination of such expected lease end dates.

Addressing the matter involved performing procedures and evaluating audit evidence in connection with forming our overall opinion on the consolidated financial statements. These procedures included testing the effectiveness of controls relating to the revenue recognition for leases, including controls over the determination of the expected lease end dates for United States Government leases with one-year renewal options and/or early termination rights. These procedures also included, among others, testing management's process for determining the expected lease end date for a sample of United States Government leases with one-year renewal options and/or early termination rights, including evaluating the reasonableness of significant assumptions utilized by management, related to the significance of any penalties a tenant may incur should it choose not to exercise any existing options to extend the lease or exercise any existing options to terminate the lease; and economic incentives for the tenant based on any existing contract, asset, entity or market-based factors in the lease. Evaluating the assumptions included evaluating whether the assumptions used were reasonable considering past experience with the tenant and the rental property and whether the assumptions were consistent with evidence obtained in other areas of the audit.

/s/ PricewaterhouseCoopers LLP

Baltimore, Maryland
February 22, 2022

We have served as the Company's auditor since 1997.

Corporate Office Properties Trust and Subsidiaries
Consolidated Balance Sheets
(in thousands, except share data)

	December 31,	
	2021	2020
Assets		
Properties, net:		
Operating properties, net	\$ 3,090,510	\$ 2,915,016
Projects in development or held for future development	442,434	447,269
Total properties, net	3,532,944	3,362,285
Property - operating right-of-use assets	38,361	40,570
Property - finance right-of-use assets	2,238	40,425
Assets held for sale, net	192,699	201,820
Cash and cash equivalents	13,262	18,369
Investment in unconsolidated real estate joint ventures	39,889	29,303
Accounts receivable, net	40,752	41,637
Deferred rent receivable	108,926	91,851
Intangible assets on property acquisitions, net	14,567	19,249
Deferred leasing costs (net of accumulated amortization of \$31,768 and \$30,124, respectively)	65,850	58,177
Investing receivables (net of allowance for credit losses of \$1,599 and \$2,851, respectively)	82,226	68,754
Prepaid expenses and other assets, net	130,738	104,583
Total assets	\$ 4,262,452	\$ 4,077,023
Liabilities and equity		
Liabilities:		
Debt, net	\$ 2,272,304	\$ 2,086,918
Accounts payable and accrued expenses	186,202	142,717
Rents received in advance and security deposits	32,262	33,425
Dividends and distributions payable	31,299	31,231
Deferred revenue associated with operating leases	9,341	10,832
Property - operating lease liabilities	29,342	30,746
Interest rate derivatives	3,644	9,522
Other liabilities	14,085	12,490
Total liabilities	2,578,479	2,357,881
Commitments and contingencies (Note 19)		
Redeemable noncontrolling interests	26,898	25,430
Equity:		
Corporate Office Properties Trust's shareholders' equity:		
Common Shares of beneficial interest (\$0.01 par value; 150,000,000 shares authorized; shares issued and outstanding of 112,327,533 at December 31, 2021 and 112,181,759 at December 31, 2020)	1,123	1,122
Additional paid-in capital	2,481,539	2,478,906
Cumulative distributions in excess of net income	(856,863)	(809,836)
Accumulated other comprehensive loss	(3,059)	(9,157)
Total Corporate Office Properties Trust's shareholders' equity	1,622,740	1,661,035
Noncontrolling interests in subsidiaries:		
Common units in Corporate Office Properties, L.P. ("COPLP")	21,363	20,465
Other consolidated entities	12,972	12,212
Noncontrolling interests in subsidiaries	34,335	32,677
Total equity	1,657,075	1,693,712
Total liabilities, redeemable noncontrolling interests and equity	\$ 4,262,452	\$ 4,077,023

See accompanying notes to consolidated financial statements.

Corporate Office Properties Trust and Subsidiaries
Consolidated Statements of Operations
(in thousands, except per share data)

	For the Years Ended December 31,		
	2021	2020	2019
Revenues			
Lease revenue	\$ 553,668	\$ 509,114	\$ 493,165
Other property revenue	2,902	2,600	4,893
Construction contract and other service revenues	107,876	70,640	113,763
Total revenues	664,446	582,354	611,821
Operating expenses			
Property operating expenses	213,377	190,796	185,449
Depreciation and amortization associated with real estate operations	137,543	126,503	125,008
Construction contract and other service expenses	104,053	67,615	109,962
Impairment losses	—	1,530	329
General, administrative and leasing expenses	36,127	33,001	35,402
Business development expenses and land carry costs	4,647	4,473	4,239
Total operating expenses	495,747	423,918	460,389
Interest expense	(65,398)	(67,937)	(71,052)
Interest and other income	7,879	8,574	7,894
Credit loss recoveries	1,128	933	—
Gain on sales of real estate	65,590	30,209	105,230
Gain on sale of investment in unconsolidated real estate joint venture	—	29,416	—
Loss on early extinguishment of debt	(100,626)	(7,306)	—
Loss on interest rate derivatives	—	(53,196)	—
Income from continuing operations before equity in income of unconsolidated entities and income taxes	77,272	99,129	193,504
Equity in income of unconsolidated entities	1,093	1,825	1,633
Income tax (expense) benefit	(145)	(353)	217
Income from continuing operations	78,220	100,601	195,354
Discontinued operations	3,358	2,277	4,650
Net income	81,578	102,878	200,004
Net income attributable to noncontrolling interests:			
Common units in COPLP	(1,012)	(1,180)	(2,363)
Preferred units in COPLP	—	(300)	(564)
Other consolidated entities	(4,025)	(4,024)	(5,385)
Net income attributable to COPT common shareholders	\$ 76,541	\$ 97,374	\$ 191,692
Basic earnings per common share: (1)			
Income from continuing operations	\$ 0.65	\$ 0.85	\$ 1.68
Discontinued operations	0.03	0.02	0.04
Net income attributable to COPT common shareholders	\$ 0.68	\$ 0.87	\$ 1.72
Diluted earnings per common share: (1)			
Income from continuing operations	\$ 0.65	\$ 0.85	\$ 1.67
Discontinued operations	0.03	0.02	0.04
Net income attributable to COPT common shareholders	\$ 0.68	\$ 0.87	\$ 1.71

(1) Basic and diluted earnings per common share are calculated based on amounts attributable to common shareholders of Corporate Office Properties Trust.

See accompanying notes to consolidated financial statements.

Corporate Office Properties Trust and Subsidiaries
Consolidated Statements of Comprehensive Income
(in thousands)

	For the Years Ended December 31,		
	2021	2020	2019
Net income	\$ 81,578	\$ 102,878	\$ 200,004
Other comprehensive income (loss)			
Unrealized income (loss) on interest rate derivatives	1,379	(39,454)	(24,321)
Reclassification adjustments on interest rate derivatives recognized in interest expense	5,048	3,725	(1,415)
Reclassification adjustments on interest rate derivatives recognized in loss on interest rate derivatives	—	51,865	—
Equity in other comprehensive income of equity method investee	—	—	199
Total other comprehensive income (loss)	6,427	16,136	(25,537)
Comprehensive income	88,005	119,014	174,467
Comprehensive income attributable to noncontrolling interests	(5,366)	(5,353)	(7,981)
Comprehensive income attributable to COPT	<u>\$ 82,639</u>	<u>\$ 113,661</u>	<u>\$ 166,486</u>

See accompanying notes to consolidated financial statements.

Corporate Office Properties Trust and Subsidiaries
Consolidated Statements of Equity
(Dollars in thousands)

	Common Shares	Additional Paid-in Capital	Cumulative Distributions in Excess of Net Income	Accumulated Other Comprehensive Loss	Noncontrolling Interests	Total
Balance at December 31, 2018 (110,241,868 common shares outstanding)	\$ 1,102	\$ 2,431,355	\$ (846,808)	\$ (238)	\$ 41,637	\$ 1,627,048
Conversion of common units to common shares (105,039 shares)	1	1,585	—	—	(1,586)	—
Redemption of common units	—	—	—	—	(25)	(25)
Common shares issued to the public (1,000 shares)	—	29	—	—	—	29
Common shares issued under forward equity sale agreements (1,614,087 shares)	16	46,438	—	—	—	46,454
Share-based compensation (106,711 shares issued, net of redemptions)	2	6,131	—	—	1,323	7,456
Redemption of vested equity awards	—	(2,064)	—	—	—	(2,064)
Adjustments to noncontrolling interests resulting from changes in ownership of COPLP	—	(167)	—	—	167	—
Comprehensive income	—	—	191,692	(25,206)	4,146	170,632
Dividends	—	—	(123,159)	—	—	(123,159)
Distributions to owners of common and preferred units in COPLP	—	—	—	—	(2,057)	(2,057)
Contributions from noncontrolling interests in other consolidated entities	—	—	—	—	2,570	2,570
Distributions to noncontrolling interest in other consolidated entities	—	—	—	—	(5,890)	(5,890)
Adjustment to arrive at fair value of redeemable noncontrolling interests	—	(1,749)	—	—	—	(1,749)
Balance at December 31, 2019 (112,068,705 common shares outstanding)	1,121	2,481,558	(778,275)	(25,444)	40,285	1,719,245
Cumulative effect of accounting change for adoption of credit loss guidance	—	—	(5,541)	—	—	(5,541)
Balance at December 31, 2019, as adjusted	1,121	2,481,558	(783,816)	(25,444)	40,285	1,713,704
Conversion of common units to common shares (14,009 shares)	—	211	—	—	(211)	—
Redemption of preferred units	—	—	—	—	(8,800)	(8,800)
Share-based compensation (99,045 shares issued, net of redemptions)	1	4,676	—	—	1,907	6,584
Redemption of vested equity awards	—	(1,699)	—	—	—	(1,699)
Adjustments to noncontrolling interests resulting from changes in ownership of COPLP	—	767	—	—	(767)	—
Comprehensive income	—	—	97,374	16,287	1,927	115,588
Dividends	—	—	(123,394)	—	—	(123,394)
Distributions to owners of common and preferred units in COPLP	—	—	—	—	(1,746)	(1,746)
Contributions from noncontrolling interests in other consolidated entities	—	—	—	—	112	112
Distributions to noncontrolling interests in other consolidated entities	—	—	—	—	(30)	(30)
Adjustment to arrive at fair value of redeemable noncontrolling interests	—	(6,607)	—	—	—	(6,607)
Balance at December 31, 2020 (112,181,759 common shares outstanding)	1,122	2,478,906	(809,836)	(9,157)	32,677	1,693,712
Conversion of common units to common shares (8,054 shares)	—	121	—	—	(121)	—
Redemption of common units	—	—	—	—	(339)	(339)
Share-based compensation (137,720 shares issued, net of redemptions)	1	4,301	—	—	4,179	8,481
Redemption of vested equity awards	—	(2,492)	—	—	—	(2,492)
Adjustments to noncontrolling interests resulting from changes in ownership of COPLP	—	2,318	—	—	(2,318)	—
Comprehensive income	—	—	76,541	6,098	2,206	84,845
Dividends	—	—	(123,568)	—	—	(123,568)
Distributions to owners of common units in COPLP	—	—	—	—	(1,595)	(1,595)
Distributions to noncontrolling interests in other consolidated entities	—	—	—	—	(30)	(30)
Adjustment to arrive at fair value of redeemable noncontrolling interests	—	(1,615)	—	—	—	(1,615)
Other	—	—	—	—	(324)	(324)
Balance at December 31, 2021 (112,327,533 common shares outstanding)	\$ 1,123	\$ 2,481,539	\$ (856,863)	\$ (3,059)	\$ 34,335	\$ 1,657,075

See accompanying notes to consolidated financial statements.

Corporate Office Properties Trust and Subsidiaries
Consolidated Statements of Cash Flows
(in thousands)

	For the Years Ended December 31,		
	2021	2020	2019
Cash flows from operating activities			
Revenues from real estate operations received	\$ 571,092	\$ 542,727	\$ 530,280
Construction contract and other service revenues received	100,222	78,470	94,677
Property operating expenses paid	(223,254)	(202,660)	(196,611)
Construction contract and other service expenses paid	(86,602)	(67,760)	(96,789)
General, administrative, leasing, business development and land carry costs paid	(29,072)	(31,406)	(29,347)
Interest expense paid	(65,184)	(61,471)	(67,475)
Lease incentives paid	(18,127)	(11,925)	(9,482)
Sales-type lease costs paid	(2,065)	(10,747)	—
Income taxes paid	(60)	(4)	—
Other	2,198	3,200	3,305
Net cash provided by operating activities	<u>249,148</u>	<u>238,424</u>	<u>228,558</u>
Cash flows from investing activities			
Development and redevelopment of properties	(267,905)	(344,401)	(394,444)
Tenant improvements on operating properties	(21,488)	(28,754)	(23,809)
Other capital improvements on operating properties	(30,026)	(32,756)	(24,659)
Proceeds from property dispositions			
Sale of properties	143,116	83,165	108,128
Distribution from unconsolidated real estate joint venture following contribution of properties	—	—	201,499
Proceeds from sale of investment in unconsolidated real estate joint venture	—	59,841	—
Non-operating distributions from unconsolidated real estate joint venture	1,287	3,695	22,426
Investing receivables funded	(5,880)	(272)	(11,180)
Investing receivables payments received	—	8,000	—
Leasing costs paid	(21,913)	(16,938)	(16,825)
Settlement of interest rate derivatives	—	(53,130)	—
Other	(160)	(4,242)	849
Net cash used in investing activities	<u>(202,969)</u>	<u>(325,792)</u>	<u>(138,015)</u>
Cash flows from financing activities			
Proceeds from debt			
Revolving Credit Facility	597,000	664,000	409,000
Unsecured senior notes	1,382,614	395,264	—
Other debt proceeds	4,630	206,931	43,615
Repayments of debt			
Revolving Credit Facility	(664,000)	(698,000)	(445,000)
Unsecured senior notes	(900,000)	(300,000)	—
Scheduled principal amortization	(3,860)	(4,125)	(4,310)
Other debt repayments	(238,397)	(12,031)	(77)
Deferred financing costs paid	(3,620)	(2,400)	(448)
Payments in connection with early extinguishment of debt	(95,180)	(7,029)	—
Net proceeds from issuance of common shares	—	—	46,415
Common share dividends paid	(123,527)	(123,367)	(122,657)
Distributions paid to noncontrolling interests in other consolidated entities	—	(30)	(5,890)
Distributions paid to redeemable noncontrolling interests	(2,273)	(14,357)	(1,659)
Redemption of preferred units	—	(8,800)	—
Other	(4,283)	(4,785)	(3,352)
Net cash (used in) provided by financing activities	<u>(50,896)</u>	<u>91,271</u>	<u>(84,363)</u>
Net (decrease) increase in cash and cash equivalents and restricted cash	<u>(4,717)</u>	<u>3,903</u>	<u>6,180</u>
Cash and cash equivalents and restricted cash			
Beginning of year	22,033	18,130	11,950
End of year	<u>\$ 17,316</u>	<u>\$ 22,033</u>	<u>\$ 18,130</u>

See accompanying notes to consolidated financial statements.

Corporate Office Properties Trust and Subsidiaries
Consolidated Statements of Cash Flows (continued)
(in thousands)

	For the Years Ended December 31,		
	2021	2020	2019
Reconciliation of net income to net cash provided by operating activities:			
Net income	\$ 81,578	\$ 102,878	\$ 200,004
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and other amortization	150,644	140,031	138,903
Impairment losses	—	1,530	329
Amortization of deferred financing costs and net debt discounts	5,224	4,272	3,639
Increase in deferred rent receivable	(19,090)	(2,168)	(4,091)
Gain on sales of real estate	(65,590)	(30,209)	(105,230)
Gain on sale of investment in unconsolidated real estate joint venture	—	(29,416)	—
Share-based compensation	7,979	6,503	6,714
Loss on early extinguishment of debt	100,626	7,306	—
Loss on interest rate derivatives	—	53,196	—
Other	(5,047)	(7,855)	(6,022)
Changes in operating assets and liabilities:			
Increase in accounts receivable	(662)	(6,377)	(7,141)
Increase in prepaid expenses and other assets, net	(27,355)	(7,626)	(22,457)
Increase in accounts payable, accrued expenses and other liabilities	22,004	6,554	20,369
(Decrease) increase in rents received in advance and security deposits	(1,163)	(195)	3,541
Net cash provided by operating activities	<u>\$ 249,148</u>	<u>\$ 238,424</u>	<u>\$ 228,558</u>
Reconciliation of cash and cash equivalents and restricted cash:			
Cash and cash equivalents at beginning of period	\$ 18,369	\$ 14,733	\$ 8,066
Restricted cash at beginning of period	3,664	3,397	3,884
Cash and cash equivalents and restricted cash at beginning of period	<u>\$ 22,033</u>	<u>\$ 18,130</u>	<u>\$ 11,950</u>
Cash and cash equivalents at end of period	\$ 13,262	\$ 18,369	\$ 14,733
Restricted cash at end of period	4,054	3,664	3,397
Cash and cash equivalents and restricted cash at end of period	<u>\$ 17,316</u>	<u>\$ 22,033</u>	<u>\$ 18,130</u>
Supplemental schedule of non-cash investing and financing activities:			
Increase (decrease) in accrued capital improvements, leasing and other investing activity costs	\$ 20,667	\$ (9,421)	\$ 35,913
Reclassification of finance right-of-use asset to operating properties, net in connection with exercise of bargain purchase option	\$ 37,831	\$ —	\$ —
Finance right-of-use asset contributed by noncontrolling interest in joint venture	\$ —	\$ —	\$ 2,570
Recognition of operating right-of-use assets and related lease liabilities	\$ 328	\$ 13,340	\$ 840
Non-cash changes from property dispositions:			
Investment in unconsolidated real estate joint ventures retained in property disposition	\$ 11,842	\$ 11,474	\$ 34,506
Contribution of properties to unconsolidated real estate joint venture	\$ —	\$ —	\$ 158,542
Increase (decrease) in fair value of derivatives applied to accumulated other comprehensive income and noncontrolling interests	\$ 6,233	\$ (35,728)	\$ (25,817)
Equity in other comprehensive income of an equity method investee	\$ —	\$ —	\$ 199
Dividends/distributions payable	\$ 31,299	\$ 31,231	\$ 31,263
Decrease in noncontrolling interests and increase in shareholders' equity in connection with the conversion of common units into common shares	\$ 121	\$ 211	\$ 1,586
Adjustments to noncontrolling interests resulting from changes in COPLP ownership	\$ (2,318)	\$ (767)	\$ 167
Increase in redeemable noncontrolling interests and decrease in equity to carry redeemable noncontrolling interests at fair value	\$ 1,615	\$ 6,607	\$ 1,749

See accompanying notes to consolidated financial statements.

Corporate Office Properties Trust and Subsidiaries Notes to Consolidated Financial Statements

1. Organization

Corporate Office Properties Trust (“COPT”) and subsidiaries (collectively, the “Company”, “we” or “us”) is a fully-integrated and self-managed real estate investment trust (“REIT”). We own, manage, lease, develop and selectively acquire office and data center properties. The majority of our portfolio is in locations that support the United States Government (“USG”) and its contractors, most of whom are engaged in national security, defense and information technology (“IT”) related activities servicing what we believe are growing, durable, priority missions (“Defense/IT Locations”). We also own a portfolio of office properties located in select urban/urban-like submarkets in the Greater Washington, DC/Baltimore region with durable Class-A office fundamentals and characteristics (“Regional Office”). As of December 31, 2021, our properties included the following (all references to number of properties, square footage, acres and megawatts are unaudited):

- 186 properties totaling 21.7 million square feet comprised of 17.0 million square feet in 160 office properties and 4.7 million square feet in 26 single-tenant data center shells. We owned 19 of these data center shells through unconsolidated real estate joint ventures;
- 11 properties under development (eight office properties and three data center shells), including one partially-operational property, that we estimate will total approximately 1.7 million square feet upon completion;
- approximately 720 acres of land controlled for future development that we believe could be developed into approximately 8.9 million square feet and 43 acres of other land; and
- a wholesale data center with a capacity of 19.25 megawatts that we sold on January 25, 2022.

We conduct almost all of our operations and own almost all of our assets through our operating partnership, Corporate Office Properties, L.P. (“COPLP”) and subsidiaries (collectively, the “Operating Partnership”), of which COPT is the sole general partner. COPLP owns real estate directly and through subsidiary partnerships and limited liability companies (“LLCs”). In addition to owning real estate, COPLP also owns subsidiaries that provide real estate services such as property management, development and construction services primarily for our properties but also for third parties. Some of these services are performed by a taxable REIT subsidiary (“TRS”).

Equity interests in COPLP are in the form of common and preferred units. As of December 31, 2021, COPT owned 98.3% of the outstanding COPLP common units (“common units”) and there were no preferred units outstanding. Common units not owned by COPT carry certain redemption rights. The number of common units owned by COPT is equivalent to the number of outstanding common shares of beneficial interest (“common shares”) of COPT, and the entitlement of common units to quarterly distributions and payments in liquidation is substantially the same as that of COPT common shareholders.

COPT’s common shares are publicly traded on the New York Stock Exchange (“NYSE”) under the ticker symbol “OFC”.

2. Summary of Significant Accounting Policies

Basis of Presentation

These consolidated financial statements include the accounts of COPT, the Operating Partnership, their subsidiaries and other entities in which COPT has a majority voting interest and control. We also consolidate certain entities when control of such entities can be achieved through means other than voting rights (“variable interest entities” or “VIEs”) if we are deemed to be the primary beneficiary of such entities. We eliminate all intercompany balances and transactions in consolidation.

We use the equity method of accounting when we own an interest in an entity and can exert significant influence over but cannot control the entity’s operations. We discontinue equity method accounting if our investment in an entity (and net advances) is reduced to zero unless we have guaranteed obligations of the entity or are otherwise committed to provide further financial support for the entity.

When we own an equity investment in an entity and cannot exert significant influence over its operations, we measure the investment at fair value, with changes recognized through net income. For an investment without a readily determinable fair value, we measure the investment at cost, less any impairments, plus or minus changes resulting from observable price changes for an identical or similar investment of the same issuer.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Reclassifications

We reclassified certain amounts from prior periods to conform to the current period presentation of our consolidated financial statements with no effect on previously reported net income or equity, including amounts reclassified in conjunction with the transfer of our wholesale data center to discontinued operations in 2021. We provide disclosure regarding our discontinued operations in Note 4.

Use of Estimates in the Preparation of Financial Statements

We make estimates and assumptions when preparing financial statements under generally accepted accounting principles ("GAAP"). These estimates and assumptions affect various matters, including:

- the reported amounts of assets and liabilities in our consolidated balance sheets as of the dates of the financial statements;
- the disclosure of contingent assets and liabilities as of the dates of the financial statements; and
- the reported amounts of revenues and expenses in our consolidated statements of operations during the reporting periods.

Significant estimates are inherent in the presentation of our financial statements in a number of areas, including the evaluation of the collectability of accounts and deferred rent receivable, the determination of estimated useful lives of assets, the determination of lease terms, the evaluation of long-lived assets for impairment, the amount of impairment losses recognized, the allocation of property acquisition costs, the amount of revenue recognized relating to tenant improvements, the level of expense recognized in connection with share-based compensation and the determination of accounting method for investments. Actual results could differ from these and other estimates.

Properties

We report properties to be developed or held and used in operations at our depreciated cost, reduced for impairment losses.

We capitalize direct and indirect project costs (including related compensation and other indirect costs), interest expense and real estate taxes associated with properties, or portions thereof, undergoing development or redevelopment activities. In capitalizing interest expense, if there is a specific borrowing for a property undergoing development or redevelopment activities, we apply the interest rate of that borrowing to the average accumulated expenditures that do not exceed such borrowing; for the portion of expenditures exceeding any such specific borrowing, we apply our weighted average interest rate on other borrowings to the expenditures. We continue to capitalize costs while development or redevelopment activities are underway until a property becomes "operational," which occurs when lease terms commence (generally when the tenant has control of the leased space and we have delivered the premises to the tenant as required under the terms of such lease), but no later than one year after the cessation of major construction activities. When leases commence on portions of a newly-developed or redeveloped property in the period prior to one year from the cessation of major construction activities, we consider that property to be "partially operational." When a property is partially operational, we allocate the costs associated with the property between the portion that is operational and the portion under development. We start depreciating costs associated with newly-developed or redeveloped properties as they become operational. For newly-developed properties, we classify improvements provided under the terms of a lease that are deemed to be landlord assets (as discussed further below) as new building development costs.

Most of our leases provide for some form of improvements to leased space. When we are required to provide improvements under the terms of a lease, we determine whether the improvements constitute landlord assets or tenant assets. If the improvements are landlord assets, we capitalize the cost of the improvements and recognize depreciation expense over the estimated useful lives of the assets as discussed below. We recognize any payments from the tenant for such assets as lease revenue over the term of the lease. If the improvements are tenant assets, we defer the cost of improvements funded by us as a lease incentive asset and amortize it as a reduction of rental revenue over the term of the lease. In determining whether improvements constitute landlord or tenant assets, we consider numerous factors, including whether the economic substance of the lease terms is properly reflected and whether the improvements: have value to us as real estate; are unique to the tenant or reusable by other tenants; may be altered or removed by the tenant without our consent or without compensating us for any lost fair value; or are owned, and remain, with us or the tenant at the end of the lease term.

We depreciate our fixed assets using the straight-line method over their estimated useful lives as follows:

	Estimated Useful Lives
Buildings and building improvements	10-40 years
Land improvements	10-20 years
Tenant improvements on operating properties	Shorter of remaining useful lives of assets or related lease term
Equipment and personal property	3-10 years

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

We report properties disposed or classified as held for sale as discontinued operations when the disposition represents a strategic shift having a major effect on our operations and financial results (such as a disposition of a reportable segment or subsegment or major line of business). For discontinued operations, we classify for all periods presented the associated: assets as held for sale on our consolidated balance sheets; and results of operations as discontinued operations on our consolidated statements of operations (including interest expense on debt specifically identifiable to such components).

For periods in which a property not reported as discontinued operations is classified as held for sale, we classify the assets of the property's asset group as held for sale on our consolidated balance sheets.

Sales of Properties

We recognize gains from sales of consolidated interests in properties to non-customer third parties when we have transferred control of such interests.

Impairment of Properties

We assess the asset groups associated with each of our properties, including operating properties, properties in development, land held for future development, related intangible assets, right-of-use assets, deferred rents receivable and lease liabilities, for indicators of impairment quarterly or when circumstances indicate that an asset group may be impaired. If our analyses indicate that the carrying values of certain properties' asset groups may be impaired, we perform a recovery analysis for such asset groups. For properties to be held and used, we analyze recoverability based on the estimated undiscounted future cash flows expected to be generated from the operations and eventual disposition of the properties over, in most cases, a ten-year holding period. If we believe it is more likely than not that we will dispose of the properties earlier, we analyze recoverability using a probability weighted analysis of the estimated undiscounted future cash flows expected to be generated from the operations and eventual disposition of the properties over the various possible holding periods. If the analysis indicates that the carrying value of a tested property's asset group is not recoverable from its estimated future cash flows, the property's asset group is written down to the property's estimated fair value and an impairment loss is recognized. If and when our plans change, we revise our recoverability analyses to use the cash flows expected from the operations and eventual disposition of such property using holding periods that are consistent with our revised plans. Changes in holding periods may require us to recognize impairment losses.

Fair values are estimated based on contract prices, indicative bids, discounted cash flow analyses, yield analyses or comparable sales analyses. Estimated cash flows used in our impairment analyses are based on our plans for the property and our views of market and economic conditions. The estimates consider items such as current and future market rental and occupancy rates, estimated operating and capital expenditures and recent sales data for comparable properties; most of these items are influenced by market data obtained from real estate leasing and brokerage firms and our direct experience with the properties and their markets.

When we determine that a property is held for sale, we stop depreciating the property and estimate the property's fair value, net of selling costs; if we then determine that the estimated fair value, net of selling costs, is less than the net book value of the property's asset group, we recognize an impairment loss equal to the difference and reduce the net book value of the property's asset group.

Acquisition of Operating Properties

Upon completion of operating property acquisitions, we allocate the purchase price to tangible and intangible assets and liabilities associated with such acquisitions based on our estimates of their fair values. We determine these fair values by using market data and independent appraisals available to us and making numerous estimates and assumptions. We allocate operating property acquisitions to the following components:

- properties based on a valuation performed under the assumption that the property is vacant upon acquisition (the "if-vacant value"). The if-vacant value is allocated between land and buildings or, in the case of properties under development, development in progress. We also allocate additional amounts to properties for in-place tenant improvements based on our estimate of improvements per square foot provided under market leases that would be attributable to the remaining non-cancelable terms of the respective leases;
- above- and below-market lease intangible assets or liabilities based on the present value (using an interest rate reflective of the risks associated with the leases acquired) of the difference between: (1) the contractual amounts to be received pursuant to the in-place leases; and (2) our estimate of fair market lease rates for the corresponding space, measured over a period equal to the remaining non-cancelable term of the lease. The capitalized above- and below-market lease values are amortized as adjustments to lease revenue over the remaining lease terms of the respective leases, and to renewal periods in the case of below-market leases;

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

- in-place lease value based on our estimates of: (1) the present value of additional income to be realized as a result of leases being in place on the acquired properties; and (2) costs to execute similar leases. Our estimate of costs to execute similar leases includes leasing commissions, legal and other related costs;
- tenant relationship value based on our evaluation of the specific characteristics of each tenant's lease and our overall relationship with that respective tenant. Characteristics we consider in determining these values include the nature and extent of our existing business relationships with the tenant, growth prospects for developing new business with the tenant, the tenant's credit quality and expectations of lease renewals, among other factors; and
- above- and below-market cost arrangements (such as real estate tax treaties or above- or below-market ground leases) based on the present value of the expected benefit from any such arrangements in place on the property at the time of acquisition.

Leased Assets, as a Lessee

We recognize right-of-use assets and lease liabilities for land and other assets leased by us from third parties for terms of at least one year. We recognize lease expense over lease terms on a straight-line basis for operating leases and on an effective interest method basis for finance leases. In determining right-of-use assets and lease liabilities, we estimate an appropriate incremental borrowing rate on a fully-collateralized basis for the terms of the leases. Since the terms under our land leases are usually significantly longer than the terms of borrowings available to us on a fully-collateralized basis, our estimates of rates for such leases require significant judgment, and consider factors such as estimated interest rates available to us on a fully-collateralized basis for shorter-termed debt and U.S. Treasury rates.

We elected to apply a package of practical expedients that enabled us to carry forward, upon adoption, our historical assessments of: expired or existing leases regarding their lease classification; and whether any expired or existing contracts are, or contain, leases. We also elected a practical expedient that enabled us to avoid the need to assess whether expired or existing land easements not previously accounted for as leases are, or contain, a lease.

Cash and Cash Equivalents

Cash and cash equivalents include all cash and liquid investments that mature three months or less from when they are purchased. Cash equivalents are reported at cost, which approximates fair value. We maintain our cash in bank accounts in amounts that may exceed Federally insured limits at times. We have not experienced any losses in these accounts in the past and believe that we are not exposed to significant credit risk because our accounts are deposited with major financial institutions.

Investments in Marketable Securities

We classify marketable securities as trading securities when we have the intent to sell such securities in the near term, and classify other marketable securities as available-for-sale securities. We determine the appropriate classification of investments in marketable securities at the acquisition date and re-evaluate the classification at each balance sheet date. We report investments in marketable securities classified as trading securities at fair value (which is included in the line entitled "Prepaid expenses and other assets, net" on our consolidated balance sheets), with unrealized gains and losses recognized through earnings; on our consolidated statements of cash flows, we classify cash flows from these securities as operating activities.

Receivables and Credit Losses

We evaluate our receivables from customers and borrowers for collectability and recognize estimated credit losses on these receivables. We use judgment in estimating these losses based on the credit status of the entities associated with the individual receivables and payment history.

Effective January 1, 2020, we adopted guidance issued by the Financial Accounting Standards Board ("FASB") that changed how we measure credit losses for most financial assets and certain other instruments not measured at fair value through net income from an incurred loss model to an expected loss approach. We adopted this guidance using the modified retrospective transition method under which we recognized a \$5.5 million allowance for credit losses by means of a cumulative-effect adjustment to cumulative distributions in excess of net income and did not adjust prior comparative reporting periods. Our consolidated statements of operations reflect adjustments for changes in our expected credit losses occurring subsequent to adoption of this guidance.

Our items within the scope of this guidance included the following:

- investing receivables, as disclosed in Note 8;
- tenant notes receivable;
- net investment in sales-type leases;

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

- other assets comprised of non-lease revenue related accounts receivable (primarily from construction contract services) and contract assets from unbilled construction contract revenue; and
- off-balance sheet credit exposures.

Under this guidance, we recognize an estimate of our expected credit losses on these items as an allowance, as the guidance requires that financial assets be measured on an amortized cost basis and be presented at the net amount expected to be collected (or as a separate liability in the case of off-balance sheet credit exposures). The allowance represents the portion of the amortized cost basis that we do not expect to collect (or loss we expect to incur in the case of off-balance sheet credit exposures) due to credit over the contractual life based on available information relevant to assessing the collectability of cash flows, which includes consideration of past events, current conditions and reasonable and supportable forecasts of future economic conditions (including consideration of asset- or borrower-specific factors). The guidance requires the allowance for expected credit losses to reflect the risk of loss, even when that risk is remote. An allowance for credit losses is measured and recorded upon the initial recognition of a financial asset (or off-balance sheet credit exposure), regardless of whether it is originated or purchased. Quarterly, the expected losses are re-estimated, considering any cash receipts and changes in risks or assumptions, with resulting adjustments recognized as credit loss expense or recoveries on our consolidated statements of operations.

We estimate expected credit losses for in-scope items using historical loss rate information developed for varying classifications of credit risk and contractual lives. Due to our limited quantity of items within the scope of this guidance and the unique risk characteristics of such items, we individually assign each in-scope item a credit risk classification. The credit risk classifications assigned by us are determined based on credit ratings assigned by ratings agencies (as available) or are internally-developed based on available financial information, historical payment experience, credit documentation, other publicly available information and current economic trends. In addition, for certain items in which the risk of credit loss is affected by the economic performance of a real estate development project, we develop probability weighted scenario analyses for varying levels of performance in estimating our credit loss allowance (applicable to our notes receivable from the City of Huntsville disclosed in Note 8 and a tax incremental financing obligation disclosed in Note 19).

For lease revenue, if collectability is not probable, revenue recognized is limited to the lesser of revenue that would have been recognized if collectability was probable or lease payments collected.

Prior to our adoption of the credit loss guidance discussed above, we evaluated the collectability of both interest and principal of loans whenever events or changes in circumstances indicated such amounts may not be recoverable. A loan was impaired when it was probable that we would be unable to collect all amounts due according to the existing contractual terms. When a loan was impaired, the amount of the loss accrual was calculated by comparing the carrying amount of the investment to the present value of expected future cash flows discounted at the loan's effective interest rate and the value of any collateral under such loan.

When we believe that collection of interest income on an investing or tenant note receivable is not probable, we place the receivable on nonaccrual status, meaning interest income is recognized when payments are received rather than on an accrual basis.

We write off receivables when we believe the facts and circumstances indicate that continued pursuit of collection is no longer warranted. When cash is received in connection with receivables for which we have previously recognized credit losses, we recognize reductions in our credit losses.

Intangible Assets and Deferred Revenue on Property Acquisitions

We amortize intangible assets and deferred revenue on property acquisitions as follows:

Asset Type	Amortization Period
Above- and below-market leases	Related lease terms
In-place lease value	Related lease terms
Tenant relationship value	Estimated period of time that tenant will lease space in property
Above- and below-market cost arrangements	Term of arrangements

We recognize the amortization of acquired above- and below-market leases as adjustments to rental revenue. We recognize the amortization of above- and below-market cost arrangements as adjustments to property operating expenses. We recognize the amortization of other intangible assets on property acquisitions as amortization expense.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Deferred Leasing Costs

We defer costs incurred to obtain new tenant leases or extend existing tenant leases. We amortize these costs evenly over the lease terms. We classify leasing costs paid as an investing activity on our statements of cash flows since such costs are necessary in order for us to generate long-term future cash flows from our properties. When tenant leases are terminated early, we expense any unamortized deferred leasing costs associated with those leases over the shortened term of the lease.

Deferred Financing Costs

We defer costs of financing arrangements and recognize these costs as interest expense over the related debt terms on a straight-line basis, which approximates the amortization that would occur under the effective interest method of amortization. We expense any unamortized loan costs when loans are retired early. We present deferred costs of financing arrangements as a direct deduction from the related debt liability, except for costs attributable to line-of-credit arrangements and interest rate derivatives, which we present in the balance sheet in the line entitled "prepaid expenses and other assets, net".

Interest Rate Derivatives

Our primary objectives in using interest rate derivatives are to add stability to interest expense and to manage exposure to interest rate movements. To accomplish this objective, we use interest rate swaps as part of our interest rate risk management strategy. Interest rate swaps designated as cash flow hedges involve the receipt of variable-rate amounts from a counterparty in exchange for our making fixed-rate payments over the life of the agreements without exchange of the underlying notional amount. We use interest rate swaps to hedge the cash flows associated with interest rates on variable-rate debt borrowings. We also use forward-starting interest rate swaps to hedge the cash flows associated with interest rates on forecasted fixed-rate borrowings. We recognize all derivatives as assets or liabilities on our consolidated balance sheet at fair value.

We defer all changes in the fair value of designated cash flow hedges to accumulated other comprehensive income ("AOCI") or loss ("AOCL"), reclassifying such deferrals to interest expense as interest expense is recognized on the hedged forecasted transactions. When an interest rate swap designated as a cash flow hedge no longer qualifies for hedge accounting and the hedged transactions are probable not to occur, we recognize changes in fair value of the hedge previously deferred to AOCI or AOCL, along with any changes in fair value occurring thereafter, through earnings. We do not use interest rate derivatives for trading or speculative purposes. We manage counter-party risk by only entering into contracts with major financial institutions based upon their credit ratings and other risk factors.

We use standard market conventions and techniques such as discounted cash flow analysis, option pricing models, replacement cost and termination cost in computing the fair value of derivatives at each balance sheet date. We made an accounting policy election to use an exception provided for in the applicable accounting guidance with respect to measuring counterparty credit risk for derivative instruments; this election enables us to measure the fair value of groups of assets and liabilities associated with derivative instruments consistently with how market participants would price the net risk exposure as of the measurement date.

Noncontrolling Interests

Our consolidated noncontrolling interests are comprised of interests in COPLP not owned by COPT and interests in consolidated real estate joint ventures not owned by us (discussed further in Note 6). We evaluate whether noncontrolling interests are subject to redemption features outside of our control. We classify noncontrolling interests that are currently redeemable for cash at the option of the holders or are probable of becoming redeemable as redeemable noncontrolling interests in the mezzanine section of our consolidated balance sheets; we adjust these interests each period to the greater of their fair value or carrying amount (initial amount as adjusted for allocations of income and losses and contributions and distributions), with a corresponding offset to additional paid-in capital on our consolidated balance sheets. Our other noncontrolling interests are reported in the equity section of our consolidated balance sheets.

Revenue Recognition

Lease and Other Property Revenue

We lease real estate properties, comprised primarily of office properties and data center shells, to third parties. These leases usually include options under which the tenant may renew its lease based on market rates at the time of renewal, which are then typically subject to further negotiation. These leases occasionally provide the tenant with an option to terminate its lease early usually for a defined termination fee.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Most of our lease revenue is from fixed contractual payments defined under the lease that, in most cases, escalate annually over the term of the lease. Our lease revenue also includes variable lease payments predominantly for tenant reimbursements of property operating expenses and lease termination fees. Property operating expense reimbursement structures vary, with some tenants responsible for all of a property's expenses, while others are responsible for their share of a property's expense only to the extent such expenses exceed amounts defined in the lease (which are derived from the property's historical expense levels). Lease termination fees in most cases result from a tenant's exercise of an existing right under a lease.

Upon lease commencement, we evaluate leases to determine if they meet criteria set forth in lease accounting guidance for classification as sales-type leases or direct financing leases; if a lease meets none of these criteria, we classify the lease as an operating lease. Upon commencement of sales-type leases, we derecognize the underlying asset, recognizing in its place a net investment in the lease equal to the sum of the lease receivable and the present value of any unguaranteed residual asset and recognize any selling profit or loss created as a result of the difference between those two amounts. Similarly, for direct financing leases, the lessor derecognizes the underlying asset and recognizes a net investment in the lease, but, unlike in a sales-type lease, defers profit and amortizes it as interest income over the lease term. Our leases of properties as lessor are predominantly classified as operating leases, for which the underlying asset remains on our balance sheet and is depreciated consistently with other owned assets, with income recognized as described further below.

We recognize minimum rents on operating leases, net of abatements, on a straight-line basis over the term of tenant leases. A lease term commences when: (1) the tenant has control of the leased space (legal right to use the property); and (2) we have delivered the premises to the tenant as required under the terms of the lease. The term of a lease includes the noncancellable periods of the lease along with periods covered by: (1) a tenant option to extend the lease if the tenant is reasonably certain to exercise that option; (2) a tenant option to terminate the lease if the tenant is reasonably certain not to exercise that option; and (3) an option to extend (or not to terminate) the lease in which exercise of the option is controlled by us as the lessor. When assessing the expected lease end date, we use judgment in contemplating the significance of: any penalties a tenant may incur should it choose not to exercise any existing options to extend the lease or exercise any existing options to terminate the lease; and economic incentives for the tenant based on any existing contract, asset, entity or market-based factors in the lease. While a significant portion of our portfolio is leased to the USG, and the majority of those leases consist of a series of one-year renewal options, or provide for early termination rights, we have concluded that exercise of existing renewal options, or continuation of such leases without exercising early termination rights, is reasonably certain for most of these leases.

We report the amount by which our minimum rental revenue recognized on a straight-line basis under leases exceeds the contractual rent billings associated with such leases as deferred rent receivable on our consolidated balance sheets. Amounts by which our minimum rental revenue recognized on a straight-line basis under leases are less than the contractual rent billings associated with such leases are reported in liabilities as deferred revenue associated with operating leases on our consolidated balance sheets.

In connection with a tenant's entry into, or modification of, a lease, if we make cash payments to, or on behalf of, the tenant for purposes other than funding the construction of landlord assets, we generally defer the amount of such payments as lease incentives. As discussed above, when we are required to provide improvements under the terms of a lease, we determine whether the improvements constitute landlord assets or tenant assets; if the improvements are tenant assets, we defer the cost of improvements funded by us as a lease incentive asset. We amortize lease incentives as a reduction of rental revenue over the term of the lease.

If collectability under a lease is not probable, revenue recognized is limited to the lesser of revenue that would have been recognized if collectability was probable or lease payments collected.

We recognize lease revenue associated with tenant expense recoveries in the same periods in which we incur the related expenses, including tenant reimbursements of property taxes, utilities and other property operating expenses.

We recognize fees received for lease terminations as revenue and write off against such revenue any (1) deferred rents receivable, and (2) deferred revenue, lease incentives and intangible assets that are amortizable into rental revenue associated with the leases; the resulting net amount is the net revenue from the early termination of the leases. When a tenant's lease for space in a property is terminated early but the tenant continues to lease such space under a new or modified lease in the property, the net revenue from the early termination of the lease is recognized evenly over the remaining life of the new or modified lease in place on that property.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Effective January 1, 2019, we adopted guidance issued by the FASB setting forth principles for the recognition, measurement, presentation and disclosure of leases, which required lessors of real estate to account for leases using an approach substantially equivalent to guidance previously in place for operating leases, direct financing leases and sales-type leases. Upon adoption, we elected to apply a package of practical expedients that enabled us to carry forward upon adoption our historical assessments of: expired or existing leases regarding their lease classification and deferred recognition of non-incremental direct leasing costs; and whether any expired or existing contracts are, or contain, leases. We also elected a practical expedient that enabled us to avoid the need to assess whether expired or existing land easements not previously accounted for as leases are, or contain, a lease. In addition, we elected a practical expedient to avoid separating non-lease components that otherwise would need to be accounted for under revenue accounting guidance (such as tenant reimbursements of property operating expenses) from the associated lease component since (1) the non-lease components have the same timing and pattern of transfer as the associated lease component and (2) the lease component, if accounted for separately, would be classified as an operating lease; this enables us to account for the combination of the lease component and non-lease components as an operating lease since the lease component is the predominant component of the combined components.

Construction Contract and Other Service Revenues

We enter into construction contracts to complete various design and construction services primarily for our USG tenants. The revenues and expenses from these services consist primarily of subcontracted costs that are reimbursed to us by our customers along with a fee. These services are an ancillary component of our overall operations, with small operating margins relative to the revenue. We review each contract to determine the performance obligations and allocate the transaction price based on the standalone selling price, as discussed further below. We recognize revenue under these contracts as services are performed in an amount that reflects the consideration we expect to receive in exchange for those services. Our performance obligations are satisfied over time as work progresses. Revenue recognition is determined using the input method based on costs incurred as of a point in time relative to the total estimated costs at completion to measure progress toward satisfying our performance obligations. We believe incurred costs of work performed best depicts the transfer of control of the services being transferred to the customer.

In determining whether the performance obligations of each construction contract should be accounted for separately versus together, we consider numerous factors that may require significant judgment, including: whether the components contracted are substantially the same with the same pattern of transfer; whether the customer could contract with another party to perform construction based on our design project; and whether the customer can elect not to move forward after the design phase of the contract. Most of our contracts have a single performance obligation as the promise to transfer the services is not separately identifiable from other obligations in the contracts and, therefore, are not distinct. Some contracts have multiple performance obligations, most commonly due to having distinct project phases for design and construction that our customer is managing separately. In these cases, we allocate the transaction price between these performance obligations based on the relative standalone selling prices, which we determine by evaluating: the relative costs of each performance obligation; the expected operating margins (which typically do not vary significantly between obligations); and amounts set forth in the contracts for each obligation. Contract modifications, such as change orders, are routine for our construction contracts and are generally determined to be additions to the existing performance obligations because they would have been part of the initial performance obligations if they were identified at the initial contract date.

We have three main types of compensation arrangements for our construction contracts: guaranteed maximum price ("GMP"); firm fixed price ("FFP"); and cost-plus fee.

- GMP contracts provide for revenue equal to costs incurred plus a fee equal to a percentage of such costs, up to a maximum contract amount. We generally enter into GMP contracts for projects that are significant in nature based on the size of the project and total fees, and for which the full scope of the project has not been determined as of the contract date. GMP contracts are lower risk to us than FFP contracts since the costs and revenue move proportionately to one another.
- FFP contracts provide for revenue equal to a fixed fee. These contracts are typically lower in value and scope relative to GMP contracts, and are generally entered into when the scope of the project is well defined. Typically, we assume more risk with FFP contracts than GMP contracts since the revenue is fixed and we could realize losses or less than expected profits if we incur more costs than originally estimated. However, these types of contracts offer the opportunity for additional profits when we complete the work for less than originally estimated.
- Cost-plus fee contracts provide for revenue equal to costs incurred plus a fee equal to a percentage of such costs but, unlike GMP contracts, do not have a maximum contract amount. Similar to GMP contracts, cost-plus fee contracts are low risk to us since the costs and revenue move proportionately to one another.

Construction contract cost estimates are based primarily on contracts in place with subcontractors to complete most of the work, but may also include assumptions, such as performance of subcontractors and cost and availability of materials, to project the outcome of future events over the course of the project. We review and update these estimates regularly as a significant change could affect the profitability of our construction contracts. We recognize adjustments in estimated profit on contracts under the cumulative catch-up method as the modification does not create a new performance obligation. Under this method,

Corporate Office Properties Trust and Subsidiaries

Notes to Consolidated Financial Statements (Continued)

the impact of an adjustment to profit recorded to date on a contract is recognized in the period the adjustment is identified. Revenue and profit in future periods are recognized using the adjusted estimate. If at any time the estimate of contract profitability indicates an anticipated loss on a contract, we recognize the total loss in the quarter it is identified.

Our timing of revenue recognition for construction contracts generally differs from the timing of invoicing to customers. We recognize construction contract revenue as we satisfy our performance obligations. Payment terms and conditions vary by contract type. Under most of our contracts, we bill customers monthly, as work progresses, in accordance with the contract terms, with payment due in 30 days, although customers occasionally pay in advance of services being provided. We have determined that our contracts generally do not include a significant financing component. The primary purpose of the timing of our invoicing is for convenience, not to receive financing from our customers or to provide customers with financing. Additionally, the timing of transfer of the services is often at the discretion of the customer.

Under most of our contracts, we bill customers one month subsequent to revenue recognition, resulting in contract assets representing unbilled construction revenue.

Our contract liabilities consist of advance payments from our customers or billings in excess of construction contract revenue recognized.

Expense Classification

We classify as property operating expenses costs incurred for property taxes, ground rents, utilities, property management, insurance, repairs and exterior and interior maintenance, as well as associated labor and indirect costs attributable to these costs.

We classify as general, administrative and leasing expenses costs incurred for corporate-level management, public company administration, asset management, leasing, investor relations, marketing and corporate-level insurance (including general business and director and officers) and leasing prospects, as well as associated labor and indirect costs attributable to these expenses.

Share-Based Compensation

We issue four forms of share-based compensation: restricted COPT common shares ("restricted shares"), deferred share awards (also known as restricted share units), performance share units (also known as performance share awards) ("PSUs") and profit interest units ("PIUs") (time-based and performance-based). We account for share-based compensation in accordance with authoritative guidance provided by the FASB that establishes standards for the accounting for transactions in which an entity exchanges its equity instruments for goods or services, focusing primarily on accounting for transactions in which an entity obtains employee services in share-based payment transactions. The guidance requires us to measure the cost of employee services received in exchange for an award of equity instruments based generally on the fair value of the award on the grant date; such cost is then recognized over the period during which the employee is required to provide service in exchange for the award. No compensation cost is recognized for equity instruments for which employees do not render the requisite service. The guidance also requires that share-based compensation be computed based on awards that are ultimately expected to vest; as a result, future forfeitures of awards are estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates. If an award is voluntarily cancelled by an employee, we recognize the previously unrecognized cost associated with the original award on the date of such cancellation. We capitalize costs associated with share-based compensation attributable to employees engaged in development and redevelopment activities.

We compute the fair value of restricted shares, time-based PIUs ("TB-PIUs") and deferred share awards based on the fair value of COPT common shares on the grant date. We compute the fair value of PSUs and performance-based PIUs ("PB-PIUs") using a Monte Carlo model. Significant assumptions used for that model include the following: the baseline common share value is the market value on the grant date; the risk-free interest rate is based on the U.S. Treasury yield curve in effect at the time of grant; and expected volatility is based on historical volatility of COPT's common shares.

Income Taxes

COPT elected to be treated as a REIT under Sections 856 through 860 of the Internal Revenue Code. To qualify as a REIT, COPT must meet a number of organizational and operational requirements, including a requirement that it distribute at least 90% of its adjusted taxable income to its shareholders. As a REIT, COPT generally will not be subject to Federal income tax on taxable income that it distributes to its shareholders. If COPT fails to qualify as a REIT in any tax year, it will be subject to Federal income tax on its taxable income at regular corporate rates and may not be able to qualify as a REIT for four subsequent tax years.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

For Federal income tax purposes, dividends to shareholders may be characterized as ordinary income, capital gains or return of capital. The characterization of dividends paid on COPT's common shares during each of the last three years was as follows:

	For the Years Ended December 31,		
	2021	2020	2019
Ordinary income	33.3 %	45.1 %	54.4 %
Long-term capital gain	57.3 %	54.9 %	45.6 %
Return of capital	9.4 %	— %	— %

The dividends allocated to each of the above years for Federal income tax purposes included dividends paid on COPT's common shares during each of those years except for the dividends paid on January 15, 2021 and 2020 (with a record date of December 31, 2020 and 2019, respectively), which were allocated for Federal income tax purposes to 2020 and 2019, respectively.

We distributed all of COPT's REIT taxable income in 2021, 2020 and 2019 and, as a result, did not incur Federal income tax in those years.

The net basis of our consolidated assets and liabilities for tax reporting purposes was approximately \$18 million lower than the amount reported on our consolidated balance sheet as of December 31, 2021.

We are subject to certain state and local income and franchise taxes. The expense associated with these state and local taxes is included in general and administrative expense and property operating expenses on our consolidated statements of operations. We did not separately state these amounts on our consolidated statements of operations because they are insignificant.

Recent Accounting Pronouncements

In March 2020, the FASB issued guidance containing practical expedients for reference rate reform related activities pertaining to debt, leases, derivatives and other contracts. The guidance is optional and may be elected over time as reference rate reform activities occur. In 2020, we elected to apply an expedient to treat any changes in loans resulting from reference rate reform as debt modifications (as opposed to extinguishments) and hedge accounting expedients related to probability and the assessments of effectiveness for future LIBOR-indexed cash flows to assume that the index upon which future hedged transactions will be based matches the index on the corresponding derivatives. Application of the hedge accounting expedients preserves the presentation of derivatives consistent with past presentation. We will continue to evaluate the impact of this guidance and may apply other elections as applicable as additional changes in the market occur.

3. Fair Value Measurements

Accounting standards define fair value as the exit price, or the amount that would be received upon sale of an asset or paid to transfer a liability in an orderly transaction between market participants as of the measurement date. The standards also establish a hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. Observable inputs are inputs market participants would use in valuing the asset or liability developed based on market data obtained from sources independent of us. Unobservable inputs are inputs that reflect our assumptions about the factors market participants would use in valuing the asset or liability developed based upon the best information available in the circumstances. The hierarchy of these inputs is broken down into three levels: Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities; Level 2 inputs include (1) quoted prices for similar assets or liabilities in active markets, (2) quoted prices for identical or similar assets or liabilities in inactive markets and (3) inputs (other than quoted prices) that are observable for the asset or liability, either directly or indirectly; and Level 3 inputs are unobservable inputs for the asset or liability. Categorization within the valuation hierarchy is based upon the lowest level of input that is most significant to the fair value measurement.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Recurring Fair Value Measurements

We have a non-qualified elective deferred compensation plan for Trustees and certain members of our management team that, prior to December 31, 2019, permitted participants to defer up to 100% of their compensation on a pre-tax basis and receive a tax-deferred return on such deferrals. Effective December 31, 2019, no new investments of deferred compensation were eligible for the plan. The assets held in the plan (comprised primarily of mutual funds and equity securities) and the corresponding liability to the participants are measured at fair value on a recurring basis on our consolidated balance sheets using quoted market prices, as are other marketable securities that we hold. The balance of the plan, which was fully funded, totaled \$2.6 million as of December 31, 2021 and \$3.0 million as of December 31, 2020, and is included in the line entitled "prepaid expenses and other assets, net" on our consolidated balance sheets along with an insignificant amount of other marketable securities. The offsetting liability associated with the plan is adjusted to fair value at the end of each accounting period based on the fair value of the plan assets and reported in "other liabilities" on our consolidated balance sheets. The assets of the plan are classified in Level 1 of the fair value hierarchy, while the offsetting liability is classified in Level 2 of the fair value hierarchy.

The fair values of our interest rate derivatives are determined using widely accepted valuation techniques, including a discounted cash flow analysis on the expected cash flows of each derivative. This analysis reflects the contractual terms of the derivatives, including the period to maturity, and uses observable market-based inputs, including interest rate market data and implied volatilities in such interest rates. While we determined that the majority of the inputs used to value our derivatives fall within Level 2 of the fair value hierarchy, the credit valuation adjustments associated with our interest rate derivatives utilize Level 3 inputs, such as estimates of current credit spreads to evaluate the likelihood of default. However, as of December 31, 2021 and 2020, we assessed the significance of the impact of the credit valuation adjustments on the overall valuation of our derivatives and determined that these adjustments were not significant. As a result, we determined that our interest rate derivative valuations in their entirety are classified in Level 2 of the fair value hierarchy.

The carrying values of cash and cash equivalents, restricted cash, accounts receivable, other assets (excluding investing receivables) and accounts payable and accrued expenses are reasonable estimates of their fair values because of the short maturities of these instruments. The fair values of our investing receivables, as disclosed in Note 8, were based on the discounted estimated future cash flows of the loans (categorized within Level 3 of the fair value hierarchy); the discount rates used approximate current market rates for loans with similar maturities and credit quality, and the estimated cash payments include scheduled principal and interest payments. For our disclosure of debt fair values in Note 10, we estimated the fair value of our unsecured senior notes based on quoted market rates for our senior notes (categorized within Level 1 of the fair value hierarchy) and estimated the fair value of our other debt based on the discounted estimated future cash payments to be made on such debt (categorized within Level 3 of the fair value hierarchy); the discount rates used approximate current market rates for loans, or groups of loans, with similar maturities and credit quality, and the estimated future payments include scheduled principal and interest payments. Fair value estimates are made as of a specific point in time, are subjective in nature and involve uncertainties and matters of significant judgment.

For additional fair value information, refer to Note 8 for investing receivables, Note 10 for debt and Note 11 for interest rate derivatives.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

The table below sets forth our financial assets and liabilities accounted for at fair value on a recurring basis as of December 31, 2021 and 2020 and the hierarchy level of inputs used in measuring their respective fair values under applicable accounting standards (in thousands):

Description	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
<i>December 31, 2021:</i>				
Assets:				
Marketable securities in deferred compensation plan (1)				
Mutual funds	\$ 2,485	\$ —	\$ —	\$ 2,485
Other	71	—	—	71
Other marketable securities (1)	33	—	—	33
Interest rate derivatives (1)	—	355	—	355
Total assets	<u>\$ 2,589</u>	<u>\$ 355</u>	<u>\$ —</u>	<u>\$ 2,944</u>
Liabilities:				
Deferred compensation plan liability (2)	\$ —	\$ 2,556	\$ —	\$ 2,556
Interest rate derivatives	—	3,644	—	3,644
Total liabilities	<u>\$ —</u>	<u>\$ 6,200</u>	<u>\$ —</u>	<u>\$ 6,200</u>
<i>December 31, 2020:</i>				
Assets:				
Marketable securities in deferred compensation plan (1)				
Mutual funds	\$ 3,008	\$ —	\$ —	\$ 3,008
Other	19	—	—	19
Other marketable securities (1)	30	—	—	30
Total assets	<u>\$ 3,057</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 3,057</u>
Liabilities:				
Deferred compensation plan liability (2)	\$ —	\$ 3,027	\$ —	\$ 3,027
Interest rate derivatives	—	9,522	—	9,522
Total liabilities	<u>\$ —</u>	<u>\$ 12,549</u>	<u>\$ —</u>	<u>\$ 12,549</u>

(1) Included in the line entitled "prepaid expenses and other assets, net" on our consolidated balance sheet.

(2) Included in the line entitled "other liabilities" on our consolidated balance sheet.

4. Properties, Net

Operating properties, net consisted of the following (in thousands):

	December 31,	
	2021	2020
Land	\$ 572,900	\$ 522,219
Buildings and improvements	3,670,133	3,444,804
Less: Accumulated depreciation	(1,152,523)	(1,052,007)
Operating properties, net	<u>\$ 3,090,510</u>	<u>\$ 2,915,016</u>

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Discontinued Operations

As of December 31, 2021, our wholesale data center was under contract to be sold, and the sale was completed on January 25, 2022. Our wholesale data center, a separate reportable segment, is reported herein as discontinued operations. The table below sets forth the components of our wholesale data center's assets classified as held for sale on our consolidated balance sheets (in thousands):

	December 31,	
	2021	2020
Properties, net	\$ 191,857	\$ 200,264
Deferred rent receivable	462	1,025
Intangible assets on property acquisitions, net	73	95
Deferred leasing costs, net	307	436
Assets held for sale, net	<u>\$ 192,699</u>	<u>\$ 201,820</u>

The table below sets forth our wholesale data center's results of operations included in discontinued operations on our consolidated statements of operations and its operating and investing cash flows included on our consolidated statements of cash flows (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
	(in thousands)		
Revenues from real estate operations	\$ 30,490	\$ 27,011	\$ 29,405
Property operating expenses	(16,842)	(13,044)	(12,694)
Depreciation and amortization associated with real estate operations	(10,290)	(11,690)	(12,061)
Discontinued operations	<u>3,358</u>	<u>2,277</u>	<u>4,650</u>
Cash flows from operating activities	\$ 10,930	\$ 16,051	\$ 18,626
Cash flows from investing activities	\$ (1,912)	\$ (11,485)	\$ (805)

2021 Dispositions

On June 2, 2021, we sold a 90% interest in two data center shell properties in Northern Virginia based on an aggregate property value of \$118.8 million and retained a 10% interest in the properties through B RE COPT DC JV III LLC ("BRE-COPT 3"), a newly-formed joint venture. Our partner in the joint venture acquired the 90% interest from us for \$106.9 million. We account for our interest in the joint venture using the equity method of accounting as described further in Note 6. We recognized a gain on sale of \$40.2 million.

On December 30, 2021, we sold a property that was previously removed from service from our data center shells sub-segment for \$30.0 million and recognized a gain on sale of \$25.9 million.

2021 Development Activities

In 2021, we placed into service 766,000 square feet in eight newly-developed properties. As of December 31, 2021, we had 11 properties under development, including one partially-operational property, that we estimate will total 1.7 million square feet upon completion.

2020 Dispositions

On October 30, 2020, we sold a 90% interest in two data center shell properties in Northern Virginia based on an aggregate property value of \$89.7 million and retained a 10% interest in the properties through B RE COPT DC JV II LLC ("BRE-COPT 2"), a newly-formed joint venture. Our partner in the joint venture acquired the 90% interest from us for \$80.7 million. We account for our interest in the joint venture using the equity method of accounting as described further in Note 6. We recognized a gain on sale of \$30.0 million.

2020 Development Activities

In 2020, we placed into service 1.8 million square feet in 11 newly-developed properties, 42,000 square feet in expansions of three fully-operational properties and 21,000 square feet in a redeveloped property.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

In the third quarter of 2020, we concluded that we no longer expected to develop a property in Baltimore, Maryland. As a result, we recognized an impairment loss on previously incurred pre-development costs of \$1.5 million.

2019 Dispositions

In 2019, we sold, through a series of transactions, a 90% interest in nine data center shells in Northern Virginia based on an aggregate property value of \$345.1 million, retaining a 10% interest in the properties through BREIT COPT DC JV LLC ("BREIT-COPT"), a newly-formed joint venture. The transactions for seven of these properties were completed on June 20, 2019 and the remaining two properties on December 5, 2019. Our partner in the joint venture acquired the 90% interest from us for \$310.6 million. We account for our interest in the joint venture using the equity method of accounting as described further in Note 6. We recognized a gain on sale of \$105.2 million.

2019 Development Activities

In 2019, we placed into service 1.1 million square feet in nine newly-developed properties and 85,000 square feet in one property under redevelopment.

5. Leases

Lessor Arrangements

We lease real estate properties, comprised primarily of office properties and data center shells, to third parties. These leases encompass all, or a portion, of properties, with various expiration dates. Our lease revenue is comprised of: fixed lease revenue, including contractual rent billings under leases recognized on a straight-line basis over lease terms and amortization of lease incentives and above- and below- market lease intangibles; and variable lease revenue, including tenant expense recoveries, lease termination revenue and other revenue from tenants that is not fixed under leases. The table below sets forth our composition of lease revenue recognized between fixed and variable lease revenue (in thousands):

Lease revenue (1)	For the Years Ended December 31,		
	2021	2020	2019
Fixed	\$ 436,768	\$ 404,244	\$ 392,341
Variable	116,900	104,870	100,824
	<u>\$ 553,668</u>	<u>\$ 509,114</u>	<u>\$ 493,165</u>

(1) Excludes lease revenue from discontinued operations of which \$22.3 million, \$21.3 million and \$20.0 million was fixed and \$8.2 million, \$5.7 million and \$9.3 million was variable for 2021, 2020 and 2019, respectively.

A significant concentration of our lease revenue from continuing operations was earned from our largest tenant, the USG, including 36% in 2021 and 37% in 2020 and 2019 of our total lease revenue, and 26% in 2021 and 27% in 2020 and 2019 of our fixed lease revenue. Our lease revenue from the USG in 2021, 2020 and 2019 was earned primarily from properties in the Fort Meade/BW Corridor, Lackland Air Force Base and Northern Virginia Defense/IT ("NoVA Defense/IT") reportable sub-segments (see Note 16).

Fixed contractual payments due under our property leases were as follows (in thousands):

Year Ending December 31,	As of December 31, 2021	
	Operating leases	Sales-type leases
2022	\$ 430,910	\$ 960
2023	391,551	960
2024	344,256	960
2025	256,725	960
2026	193,051	960
Thereafter	939,463	3,556
Total contractual payments	<u>\$ 2,555,956</u>	<u>8,356</u>
Less: Amount representing interest		(2,162)
Net investment in sales-type leases		<u>\$ 6,194</u>

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Lessee Arrangements

As of December 31, 2021, our balance sheet included \$40.6 million in right-of-use assets associated primarily with land leased from third parties underlying certain properties that we are operating. The land leases have long durations with remaining terms ranging from 27 years to 79 years (excluding extension options). As of December 31, 2021, our right-of-use assets included:

- \$10.9 million for land in a business park in Huntsville, Alabama under 16 leases through our LW Redstone Company, LLC joint venture, with remaining terms ranging from 41 to 50 years and options to renew for an additional 25 years that were not included in the term used in determining the asset balance;
- \$9.9 million for land underlying operating office properties in Washington, D.C. under two leases with remaining terms of approximately 78 years;
- \$6.4 million for land underlying a parking garage in Baltimore, Maryland under a lease with a remaining term of 27 years and an option to renew for an additional 49 years that was included in the term used in determining the asset balance;
- \$6.1 million for land in a research park in College Park, Maryland under four leases through our M Square Associates, LLC joint venture, all of the rent on which was previously paid. These leases had remaining terms ranging from 61 to 72 years;
- \$5.1 million for data center space in Phoenix, Arizona with a remaining term of three years and an option to renew for an additional five years that were not included in the term used in determining the asset balance; and
- \$2.2 million for other land underlying operating properties in our Fort Meade/BW Corridor sub-segment under two leases with remaining terms of approximately 46 years, all of the rent on which was previously paid.

Our property right-of-use assets consisted of the following (in thousands):

Leases	Balance Sheet Location	As of December 31,	
		2021	2020
Right-of-use assets			
Operating leases - Property	Property - operating right-of-use assets	\$ 38,361	\$ 40,570
Finance leases - Property (1)	Property - finance right-of-use assets	2,238	40,425
Total right-of-use assets		\$ 40,599	\$ 80,995

(1) On October 22, 2021, we acquired land leased in Washington, D.C., for which we had a \$37.8 million right-of-use asset as of December 31, 2021, for a nominal amount under a bargain purchase option.

Property lease liabilities consisted of the following (in thousands):

Leases	Balance Sheet Location	As of December 31,	
		2021	2020
Lease liabilities			
Operating leases - Property	Property - operating lease liabilities	\$ 29,342	\$ 30,746
Finance leases - Property	Other liabilities	—	28
Total lease liabilities		\$ 29,342	\$ 30,774

As of December 31, 2021, our operating leases had a weighted average remaining lease term of 51 years and a weighted average discount rate of 7.16%. The table below presents our total property lease cost (in thousands):

Lease cost	Statement of Operations Location	For the Years Ended December 31,		
		2021	2020	2019
Operating lease cost				
Property leases - fixed	Property operating expenses	\$ 4,011	\$ 2,413	\$ 1,664
Property leases - variable	Property operating expenses	45	127	4
Finance lease cost				
Amortization of property right-of-use assets	Property operating expenses	31	34	30
		\$ 4,087	\$ 2,574	\$ 1,698

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

The table below presents the effect of property lease payments on our consolidated statements of cash flows (in thousands):

Supplemental cash flow information	For the Years Ended December 31,		
	2021	2020	2019
Cash paid for amounts included in the measurement of lease liabilities:			
Operating cash flows for operating leases	\$ 3,206	\$ 1,694	\$ 1,004
Financing cash flows for financing leases	\$ 14	\$ 674	\$ 14

Payments on property operating leases were due as follows (in thousands):

Year Ending December 31,	December 31, 2021
2022	\$ 3,297
2023	3,352
2024	3,403
2025	1,749
2026	1,530
Thereafter	122,448
Total lease payments	135,779
Less: Amount representing interest	(106,437)
Lease liability	<u>\$ 29,342</u>

6. Real Estate Joint Ventures

Consolidated Real Estate Joint Ventures

The table below sets forth information pertaining to our investments in consolidated real estate joint ventures as of December 31, 2021 (dollars in thousands):

Entity	Date Acquired	Nominal Ownership %	Location	December 31, 2021 (1)		
				Total Assets	Encumbered Assets	Total Liabilities
LW Redstone Company, LLC (2)	3/23/2010	85%	Huntsville, Alabama	\$ 478,739	\$ 89,589	\$ 93,730
Stevens Investors, LLC	8/11/2015	95%	Washington, D.C.	165,806	—	1,406
M Square Associates, LLC	6/26/2007	50%	College Park, Maryland	101,515	60,795	52,589
				<u>\$ 746,060</u>	<u>\$ 150,384</u>	<u>\$ 147,725</u>

(1) Excludes amounts eliminated in consolidation.

(2) As discussed below, we fund all capital requirements. Our partner generally receives distributions of the first \$1.2 million of annual operating cash flows and we receive the remainder.

Each of these joint ventures are engaged in the development and operation of real estate. We concluded that these joint ventures are variable interest entities. We consolidate these joint ventures because of our: (1) power to direct the matters that most significantly impact their activities, including development, leasing and management of their properties; and (2) right to receive returns on our fundings and, in many cases, the obligation to fund the activities of the ventures to the extent that third-party financing is not obtained, both of which could be potentially significant to them. With regard to these joint ventures:

- for LW Redstone Company, LLC, we anticipate funding certain infrastructure costs (up to a maximum of \$76.0 million excluding accrued interest thereon) due to be reimbursed by the City of Huntsville as discussed further in Note 8. We had advanced \$68.1 million to the City through December 31, 2021 to fund such costs. We also expect to fund additional development costs through equity contributions to the extent that third party financing is not obtained. Our partner was credited with \$9.0 million in invested capital upon formation and is not required to make, nor has it made, additional equity contributions. Cash flows are generally distributed to the partners as follows: (1) cumulative preferred returns of 13.5% on our partner's invested capital; (2) cumulative preferred returns of 13.5% on our invested capital; (3) return of our invested capital; (4) return of our partner's invested capital; and (5) any remaining residual 85% to us and 15% to our partner. Our partner has the right to require us to acquire its interest for fair value; accordingly, we classify the fair value of our partner's interest as redeemable noncontrolling interests in the mezzanine section of our consolidated balance sheets. We have the right to acquire our partner's interest at fair value upon the earlier of five years following the project's achievement of a construction commencement threshold of 4.4 million square feet or March 2040; the project had achieved approximately 2.3 million square feet of construction commencement through December 31, 2021. Our partner has the right to receive some or all of the consideration for the acquisition of its interests in the form of common units in COPLP;

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

- for Stevens Investors, LLC, net cash flows of this entity will be distributed to the partners as follows: (1) member loans and accrued interest; (2) pro rata return of the partners' capital; (3) pro rata return of the partners' respective unpaid preferred returns; and (4) varying splits of 85% to 60% to us and the balance to our partners as we reach specified return hurdles. As of December 31, 2021, we also had a \$112.0 million construction loan to the joint venture, which is eliminated in consolidation, that carries an interest rate of LIBOR plus 2.35% and had a balance of \$92.2 million; the loan matures on August 11, 2024, and we have priority for repayment in full of borrowings and accrued interest on the loan over partner distributions of any future refinancing proceeds or other available cash flows. Our partners have the right to require us to acquire some or all of their interests for fair value for a defined period of time from December 2021 until June 2023; accordingly, we classify the fair value of our partners' interest as redeemable noncontrolling interests in the mezzanine section of our consolidated balance sheets. We and our partners each have the right to acquire each other's interests at fair value beginning in December 2023. Our partners have the right to receive some or all of the consideration for the acquisition of their interests in the form of common units in COPLP; and
- for M Square Associates, LLC, net cash flows of this entity are distributed to the partners as follows: (1) member loans and accrued interest; (2) our preferred return and capital contributions used to fund infrastructure costs; (3) the partners' preferred returns and capital contributions used to fund all other costs in proportion to their respective accrued returns and capital accounts; and (4) residual amounts distributed 50% to each member.

We disclose the activity of our redeemable noncontrolling interests in Note 12.

The ventures discussed above include only ones in which parties other than us own interests.

Unconsolidated Real Estate Joint Ventures

The table below sets forth information pertaining to our investments in unconsolidated real estate joint ventures accounted for using the equity method of accounting (dollars in thousands):

Entity	Date Acquired	Nominal Ownership %	Number of Properties	Carrying Value of Investment (1)	
				December 31, 2021	December 31, 2020
BRE-COPT 2 (2)	10/30/2020	10%	8	\$ 15,579	\$ 15,988
BREIT-COPT	6/20/2019	10%	9	12,460	13,315
BRE-COPT 3	6/2/2021	10%	2	11,850	—
			19	\$ 39,889	\$ 29,303

(1) Included in the line entitled "investment in unconsolidated real estate joint ventures" on our consolidated balance sheets.

(2) Our investment in BRE-COPT 2 was lower than our share of the joint venture's equity by \$7.2 million as of December 31, 2021 and \$7.4 million as of December 31, 2020 due to a difference between our cost basis and our share of the joint venture's underlying equity in its net assets. We recognize adjustments to our share of the joint venture's earnings and losses resulting from this basis difference in the underlying assets of the joint venture.

These joint ventures operate triple-net leased, single-tenant data center shell properties in Northern Virginia. With regard to these joint ventures:

- BRE-COPT 2 was formed in 2020, when, as described further in Note 4, we sold a 90% interest in two properties and retained a 10% interest in the properties through the joint venture. As discussed below, this joint venture acquired an additional six properties through a transaction completed on December 22, 2020;
- BREIT-COPT was formed in 2019, when, as described further in Note 4, we sold a 90% interest in nine properties and retained a 10% interest in the properties through the joint venture; and
- BRE-COPT 3 was formed in 2021, when, as described further in Note 4, we sold a 90% interest in two properties and retained a 10% interest in the properties through the joint venture.

We concluded that these joint ventures are variable interest entities. Under the terms of the joint venture agreements, we and our partners receive returns in proportion to our investments, and our maximum exposure to losses is limited to our investments, subject to certain indemnification obligations with respect to nonrecourse debt secured by the properties. The nature of our involvement in the activities of the joint venture does not give us power over decisions that significantly affect its economic performance.

We previously also owned a 50% interest in GI-COPT DC Partnership LLC ("GI-COPT"), an unconsolidated joint venture that owned and operated six triple-net leased, single tenant data center shell properties in Northern Virginia. On December 22, 2020, we sold, through a series of transactions, 80% of our 50% interests in the properties and associated mortgage debt that we owned through GI-COPT. We received \$60 million in proceeds and a 10% retained interest in the LLCs through BRE-COPT 2, and recognized a gain of \$29.4 million on the sale of these interests. GI-COPT was dissolved upon completion of these transactions.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

7. Intangible Assets on Property Acquisitions

Intangible assets on property acquisitions consisted of the following (in thousands):

	December 31, 2021			December 31, 2020		
	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
In-place lease value	\$ 125,591	\$ 118,983	\$ 6,608	\$ 128,693	\$ 120,010	\$ 8,683
Tenant relationship value	58,082	50,701	7,381	58,082	48,163	9,919
Above-market leases	13,718	13,435	283	13,718	13,380	338
Other	1,333	1,038	295	1,333	1,024	309
	<u>\$ 198,724</u>	<u>\$ 184,157</u>	<u>\$ 14,567</u>	<u>\$ 201,826</u>	<u>\$ 182,577</u>	<u>\$ 19,249</u>

Amortization of intangible assets on property acquisitions from continuing and discontinued operations totaled \$4.7 million in 2021, \$8.0 million in 2020 and \$8.7 million in 2019. The approximate weighted average amortization periods of the categories set forth above follow: in-place lease value: five years; tenant relationship value: eight years; above-market leases: seven years; and other: 21 years. The approximate weighted average amortization period for all of the categories combined is seven years. The estimated amortization (to amortization associated with real estate operations, rental revenue and property operating expenses) associated with the intangible asset categories set forth above for the next five years is: \$3.2 million for 2022; \$2.8 million for 2023; \$2.2 million for 2024; \$2.0 million for 2025; and \$1.3 million for 2026.

8. Investing Receivables

Investing receivables consisted of the following (in thousands):

	December 31,	
	2021	2020
Notes receivable from the City of Huntsville	\$ 77,784	\$ 65,564
Other investing loans receivable	6,041	6,041
Amortized cost basis	83,825	71,605
Allowance for credit losses	(1,599)	(2,851)
Investing receivables, net	<u>\$ 82,226</u>	<u>\$ 68,754</u>

The balances above include accrued interest receivable, net of allowance for credit losses, of \$5.3 million as of December 31, 2021 and \$4.8 million as of December 31, 2020.

Our notes receivable from the City of Huntsville funded infrastructure costs in connection with our LW Redstone Company, LLC joint venture (see Note 6) and carry an interest rate of 9.95%. These notes and the accrued and unpaid interest thereon, which compounds annually on March 1, will be repaid using the real estate taxes generated by the properties developed by the joint venture. When these tax revenues are sufficient to cover the debt service on a certain increment of municipal bonds, the City of Huntsville will be required to issue bonds to repay the notes and the accrued and unpaid interest thereon. Each note has a maturity date of the earlier of 30 years from the date issued or the expiration of the tax increment district comprising the developed properties in 2045.

Our other investing loans receivable carry an interest rate of 8.0% and mature in 2022.

The fair value of these receivables was approximately \$84 million as of December 31, 2021 and \$73 million as of December 31, 2020.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

9. Prepaid Expenses and Other Assets, Net

Prepaid expenses and other assets, net consisted of the following (in thousands):

	December 31,	
	2021	2020
Lease incentives, net	\$ 51,486	\$ 35,642
Construction contract costs in excess of billings, net	22,384	10,343
Prepaid expenses	20,058	19,690
Furniture, fixtures and equipment, net	9,599	10,433
Net investment in sales-type leases	6,194	6,573
Non-real estate equity investments	5,544	5,509
Restricted cash	4,054	3,664
Marketable securities in deferred compensation plan	2,556	3,027
Deferred tax asset, net	1,841	1,989
Deferred financing costs, net (1)	1,314	2,439
Other assets	5,708	5,274
Prepaid expenses and other assets, net	<u>\$ 130,738</u>	<u>\$ 104,583</u>

(1) Represents deferred costs, net of accumulated amortization, attributable to our Revolving Credit Facility and interest rate derivatives.

Deferred tax asset, net reported above includes the following tax effects of temporary differences and carry forwards of our TRS (in thousands):

	December 31,	
	2021	2020
Operating loss carry forward	\$ 1,835	\$ 2,087
Property	30	103
Valuation allowance	(24)	(201)
Deferred tax asset, net	<u>\$ 1,841</u>	<u>\$ 1,989</u>

We recognize a valuation allowance on our deferred tax asset if we believe that all, or some portion, of the asset may not be realized. An increase or decrease in the valuation allowance resulting from a change in circumstances that causes a change in our judgment about the realizability of our deferred tax asset is included in income. We believe it is more likely than not that the results of future operations in our TRS will generate sufficient taxable income to realize our December 31, 2021 net deferred tax asset.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

10. Debt, Net

Debt Summary

Our debt consisted of the following (dollars in thousands):

	Carrying Value (1) as of December 31,		December 31, 2021	
	2021	2020	Stated Interest Rates	Scheduled Maturity
Mortgage and Other Secured Debt:				
Fixed rate mortgage debt (2)	\$ 86,960	\$ 139,991	3.82% - 4.62% (3)	2023-2026
Variable rate secured debt	33,667	115,119	LIBOR + 1.45% to 1.55% (4)	2025-2026
Total mortgage and other secured debt	120,627	255,110		
Revolving Credit Facility	76,000	143,000	LIBOR + 0.775% to 1.45% (5)	March 2023
Term Loan Facility	299,420	398,447	LIBOR + 1.00% to 1.65% (6)	December 2022
Unsecured Senior Notes				
2.25%, \$400,000 aggregate principal	395,491	394,464	2.25% (7)	March 2026
2.00%, \$400,000 aggregate principal	396,512	—	2.00% (8)	January 2029
2.75%, \$600,000 aggregate principal	589,060	—	2.75% (9)	April 2031
2.90%, \$400,000 aggregate principal	394,441	—	2.90% (10)	December 2033
3.60%, \$350,000 aggregate principal	—	348,888	3.60% (11)	N/A
5.25%, \$250,000 aggregate principal	—	248,194	5.25% (12)	N/A
5.00%, \$300,000 aggregate principal	—	297,915	5.00% (13)	N/A
Unsecured note payable	753	900	0% (14)	May 2026
Total debt, net	\$ 2,272,304	\$ 2,086,918		

- (1) The carrying values of our debt other than the Revolving Credit Facility reflect net deferred financing costs of \$5.8 million as of December 31, 2021 and \$5.9 million as of December 31, 2020.
- (2) Certain of the fixed rate mortgages carry interest rates that, upon assumption, were above or below market rates and therefore were recorded at their fair value based on applicable effective interest rates. The carrying values of these loans reflect net unamortized premiums totaling \$155,000 as of December 31, 2020.
- (3) The weighted average interest rate on our fixed rate mortgage debt was 4.07% as of December 31, 2021.
- (4) The weighted average interest rate on our variable rate secured debt was 1.62% as of December 31, 2021.
- (5) The weighted average interest rate on the Revolving Credit Facility was 1.20% as of December 31, 2021.
- (6) The interest rate on this loan was 1.10% as of December 31, 2021.
- (7) The carrying value of these notes reflects an unamortized discount totaling \$3.6 million as of December 31, 2021 and \$4.5 million as of December 31, 2020. The effective interest rate under the notes, including amortization of the issuance costs, was 2.48%.
- (8) The carrying value of these notes reflects an unamortized discount totaling \$2.5 million as of December 31, 2021. The effective interest rate under the notes, including amortization of the issuance costs, was 2.09%. Refer to paragraph below for further disclosure.
- (9) The carrying value of these notes reflects an unamortized discount totaling \$9.5 million as of December 31, 2021. The effective interest rate under the notes, including amortization of the issuance costs, was 2.94%. Refer to paragraph below for further disclosure.
- (10) The carrying value of these notes reflects an unamortized discount totaling \$4.5 million as of December 31, 2021. The effective interest rate under the notes, including amortization of the issuance costs, was 3.01%. Refer to paragraph below for further disclosure.
- (11) The carrying value of these notes reflects an unamortized discount totaling \$781,000 as of December 31, 2020. The effective interest rate under the notes, including amortization of the issuance costs, was 3.70%. Refer to paragraph below for further disclosure.
- (12) The carrying value of these notes reflects an unamortized discount totaling \$1.6 million as of December 31, 2020. The effective interest rate under the notes, including amortization of the issuance costs, was 5.49%. Refer to paragraph below for further disclosure.
- (13) The carrying value of these notes reflects an unamortized discount totaling \$1.8 million as of December 31, 2020. The effective interest rate under the notes, including amortization of the issuance costs, was 5.15%. Refer to paragraph below for further disclosure.
- (14) This note carries an interest rate that, upon assumption, was below market rates and it therefore was recorded at its fair value based on applicable effective interest rates. The carrying value of this note reflects an unamortized discount totaling \$108,000 as of December 31, 2021 and \$161,000 as of December 31, 2020.

All debt is owed by the Operating Partnership. While COPT is not directly obligated by any debt, it has guaranteed COPLP's Revolving Credit Facility, Term Loan Facility and Unsecured Senior Notes.

Certain of our debt instruments require that we comply with a number of restrictive financial covenants, including maximum leverage ratio, unencumbered leverage ratio, minimum fixed charge coverage ratio, minimum unencumbered interest coverage ratio, minimum debt service and maximum secured indebtedness ratio. In addition, the terms of some of COPLP's debt may limit its ability to make certain types of payments and other distributions to COPT in the event of default or when such payments or distributions may prompt failure of debt covenants. As of December 31, 2021, we were compliant with these financial covenants.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Our debt matures on the following schedule (in thousands):

Year Ending December 31,	December 31, 2021
2022	\$ 303,333
2023	94,953
2024	29,983
2025	23,717
2026	446,300
Thereafter	1,400,000
Total	\$ 2,298,286 (1)

(1) Represents scheduled principal amortization and maturities only and therefore excludes net discounts and deferred financing costs of \$26.0 million.

We capitalized interest costs of \$6.5 million in 2021, \$12.1 million in 2020 and \$10.8 million in 2019.

The following table sets forth information pertaining to the fair value of our debt (in thousands):

	December 31, 2021		December 31, 2020	
	Carrying Amount	Estimated Fair Value	Carrying Amount	Estimated Fair Value
Fixed-rate debt				
Unsecured Senior Notes	\$ 1,775,504	\$ 1,809,950	\$ 1,289,461	\$ 1,334,342
Other fixed-rate debt	87,713	87,339	140,891	142,838
Variable-rate debt				
	409,087	409,639	656,566	654,102
Total	\$ 2,272,304	\$ 2,306,928	\$ 2,086,918	\$ 2,131,282

Revolving Credit Facility

We have an unsecured revolving credit facility (referred to herein as the "Revolving Credit Facility") with an aggregate lender commitment of \$800.0 million, with the ability for us to increase the lenders' aggregate commitment to \$1.25 billion, provided that there is no default under the facility and subject to the approval of the lenders. The facility matures on March 10, 2023, with the ability for us to further extend such maturity by two six-month periods at our option, provided that there is no default under the facility and we pay an extension fee of 0.075% of the total availability under the facility for each extension period. The interest rate on the facility is based on LIBOR plus 0.775% to 1.450%, as determined by the credit ratings assigned to COPLP by Standard & Poor's Ratings Services, Moody's Investors Service, Inc. or Fitch Ratings Ltd. (collectively, the "Ratings Agencies"). The facility also carries a quarterly fee that is based on the lenders' aggregate commitment under the facility multiplied by a per annum rate of 0.125% to 0.300%, as determined by the credit ratings assigned to COPLP by the Ratings Agencies. As of December 31, 2021, the maximum borrowing capacity under this facility totaled \$800.0 million, of which \$724.0 million was available.

Weighted average borrowings under our Revolving Credit Facility totaled \$135.8 million in 2021 and \$204.9 million in 2020. The weighted average interest rate on our Revolving Credit Facility was 1.18% in 2021 and 1.55% in 2020.

Term Loan Facilities

As of December 31, 2021, we had an unsecured term loan facility that carries a variable interest rate based on the LIBOR rate (customarily the 30-day rate) plus 1.00% to 1.65%, as determined by: a ratio of our debt to our assets; and the credit ratings assigned to COPLP by the Ratings Agencies. We amended this loan in 2020 to increase the loan amount by \$150.0 million and change the interest terms, and repaid \$100.0 million of the loan in 2021.

In connection with our Revolving Credit Facility discussed above, we have the ability to borrow up to \$500.0 million under new term loans from the facility's lender group provided that there is no default under the facility and subject to the approval of the lenders.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Unsecured Senior Notes

During 2020 and 2021, we issued the following unsecured senior notes:

- \$400.0 million of 2.25% Senior Notes due 2026 (the "2.25% Notes") at an initial offering price of 99.42% of their face value on September 17, 2020, resulting in proceeds, after deducting underwriting discounts, but before other offering expenses, of \$395.3 million. The notes mature on March 15, 2026;
- \$600.0 million of 2.75% Senior Notes due 2031 (the "2.75% Notes") at an initial offering price of 98.95% of their face value on March 11, 2021, resulting in proceeds, after deducting underwriting discounts, but before other offering expenses, of \$589.8 million. The notes mature on April 15, 2031;
- \$400.0 million of 2.00% Senior Notes due 2029 (the "2.00% Notes") at an initial offering price of 99.97% of their face value on August 11, 2021, resulting in proceeds, after deducting underwriting discounts, but before other offering expenses, of \$397.4 million. The notes mature on January 15, 2029; and
- \$400.0 million of 2.90% Senior Notes due 2033 (the "2.90% Notes") at an initial offering price of 99.53% of their face value on November 17, 2021, resulting in proceeds, after deducting underwriting discounts, but before other offering expenses, of \$395.4 million. The notes mature on December 1, 2033.

We may redeem our unsecured senior notes, in whole at any time or in part from time to time, at our option, at a redemption price equal to the greater of (1) the aggregate principal amount of the notes being redeemed or (2) the sum of the present values of the remaining scheduled payments of principal and interest thereon (not including any portion of such payments of interest accrued as of the date of redemption) discounted to its present value, on a semi-annual basis at an adjusted treasury rate plus a spread (35 basis points for the 2.25% Notes, 25 basis points for the 2.75% Notes, 20 basis points for the 2.00% Notes and 25 basis points for the 2.90% Notes), plus, in each case, accrued and unpaid interest thereon to the date of redemption. However, in each case, if this redemption occurs on or after a defined date (February 15, 2026 for the 2.25% Notes, January 15, 2031 for the 2.75% Notes, November 15, 2028 for the 2.00% Notes and September 1, 2033 for the 2.90% Notes), the redemption price will be equal to 100% of the principal amount of the notes being redeemed, plus accrued and unpaid interest thereon to, but not including, the applicable redemption date. These notes are unconditionally guaranteed by COPT.

During 2020 and 2021, we purchased or redeemed the following unsecured senior notes:

- purchased pursuant to a tender offer \$122.9 million of our 3.70% Senior Notes due 2021 (the "3.70% Notes") on September 17, 2020 for \$126.0 million, plus accrued interest; and redeemed the remaining \$177.1 million of the 3.70% Notes on October 19, 2020 for \$180.9 million plus accrued interest. In connection with this purchase and redemption, we recognized a loss on early extinguishment of debt of \$7.3 million in 2020;
- purchased pursuant to tender offers \$184.4 million of 3.60% Senior Notes due 2023 (the "3.60% Notes") for \$196.7 million and \$145.6 million of 5.25% Senior Notes due 2024 (the "5.25% Notes") for \$164.7 million, plus accrued interest effective March 11, 2021; and on April 12, 2021, redeemed the remaining \$165.6 million of 3.60% Notes for \$176.3 million and \$104.4 million of 5.25% Notes for \$117.7 million, plus accrued interest. In connection with these purchases and redemptions, we recognized a loss on early extinguishment of debt of \$58.4 million in 2021; and
- redeemed \$300.0 million of 5.00% Senior Notes due 2025 on November 18, 2021 for \$336.4 million plus accrued interest. We recognized a loss on early extinguishment of debt of \$38.2 million for this redemption in 2021.

11. Interest Rate Derivatives

The following table sets forth the key terms and fair values of our interest rate swap derivatives (dollars in thousands):

Notional Amount	Fixed Rate	Floating Rate Index	Effective Date	Expiration Date	Fair Value at December 31,	
					2021	2020
\$ 100,000	1.901 %	One-Month LIBOR	9/1/2016	12/1/2022	\$ (1,361)	\$ (3,394)
\$ 100,000	1.905 %	One-Month LIBOR	9/1/2016	12/1/2022	(1,365)	(3,401)
\$ 50,000 (1)	1.908 %	One-Month LIBOR	9/1/2016	12/1/2022	(684)	(1,704)
\$ 11,120 (2)	1.678 %	One-Month LIBOR	8/1/2019	8/1/2026	(234)	(733)
\$ 23,000 (3)	0.573 %	One-Month LIBOR	4/1/2020	3/26/2025	355	(290)
					<u>\$ (3,289)</u>	<u>\$ (9,522)</u>

(1) Refer to additional disclosure below.

(2) The notional amount of this instrument is scheduled to amortize to \$10.0 million.

(3) The notional amount of this instrument is scheduled to amortize to \$22.1 million.

Each of these swaps was designated as a cash flow hedge of interest rate risk except for the swap with a \$50.0 million notional amount. We discontinued hedge accounting for this swap effective in December 2021 when we determined that some of its hedged forecasted transactions were probable not to occur due to our entry into a contract to sell our wholesale data center and

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

the debt pay down expected upon completion of the sale. This resulted in our reclassification of \$221,000 in losses from AOCL to interest expense in our statement of operations.

The table below sets forth the fair value of our interest rate derivatives as well as their classification on our consolidated balance sheets (in thousands):

Derivatives	Balance Sheet Location	Fair Value at December 31,	
		2021	2020
Interest rate swaps designated as cash flow hedges	Prepaid expenses and other assets, net	\$ 355	\$ —
Interest rate swaps designated as cash flow hedges	Interest rate derivatives (liabilities)	\$ (2,960)	\$ (9,522)
Interest rate swap not designated	Interest rate derivatives (liabilities)	\$ (684)	\$ —

The tables below presents the effect of our interest rate derivatives on our consolidated statements of operations and comprehensive income (in thousands):

Derivatives in Hedging Relationships	Amount of Income (Loss) Recognized in AOCL on Derivatives			Amount of (Loss) Gain Reclassified from AOCL into Interest Expense on Statement of Operations		
	For the Years Ended December 31,			For the Years Ended December 31,		
	2021	2020	2019	2021	2020	2019
Interest rate derivatives	\$ 1,379	\$ (39,454)	\$ (24,321)	\$ (5,048)	\$ (3,725)	\$ 1,415
Derivatives in Hedging Relationships	Amount of Loss Reclassified from AOCL into Loss on Interest Rate Derivatives on Statement of Operations			Amount of Loss Recognized on Undesignated Swaps in Loss on Interest Rate Derivatives on Statement of Operations		
	For the Years Ended December 31,			For the Years Ended December 31,		
	2021	2020	2019	2021	2020	2019
Interest rate derivatives	\$ —	\$ (51,865)	\$ —	\$ —	\$ (1,265)	\$ —

As described further in Note 10, in September 2020, we completed our issuance of the 2.25% Notes. In August 2020, in anticipation of pursuing such an issuance, we determined that the forecasted transactions hedged by three interest rate swaps with an effective date of June 30, 2020 and an aggregate notional amount of \$225.0 million were no longer probable of occurring, resulting in our discontinuance of hedge accounting on these swaps. When we consummated the note issuance in September 2020, we determined that it was probable that the forecasted transactions would not occur, resulting in our reclassification of \$51.9 million in losses from AOCL to loss on interest rate derivatives on our statements of operations. On September 22, 2020, we cash settled these swaps and accrued interest thereon for an aggregate amount of \$53.1 million.

Based on the fair value of our derivatives as of December 31, 2021, we estimate that approximately \$3.4 million of losses will be reclassified from AOCL as an increase to interest expense over the next 12 months.

We have agreements with each of our interest rate derivative counterparties that contain provisions under which, if we default or are capable of being declared in default on defined levels of our indebtedness, we could also be declared in default on our derivative obligations. Failure to comply with the loan covenant provisions could result in our being declared in default on any derivative instrument obligations covered by the agreements. As of December 31, 2021, we were not in default with any of these provisions. As of December 31, 2021, the fair value of interest rate derivatives in a liability position related to these agreements was \$3.7 million, excluding the effects of accrued interest and credit valuation adjustments. As of December 31, 2021, we had not posted any collateral related to these agreements. If we breach any of these provisions, we could be required to settle our obligations under the agreements at their termination value, which was \$4.1 million as of December 31, 2021.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

12. Redeemable Noncontrolling Interests

As discussed further in Note 6, our partners in two real estate joint ventures, LW Redstone Company, LLC and Stevens Investors, LLC, have the right to require us to acquire their respective interests at fair value; accordingly, we classify the fair value of our partners' interests as redeemable noncontrolling interests in the mezzanine section of our consolidated balance sheets. The table below sets forth the activity for these redeemable noncontrolling interests (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
Beginning balance	\$ 25,430	\$ 29,431	\$ 26,260
Distributions to noncontrolling interests	(3,307)	(14,034)	(2,413)
Net income attributable to noncontrolling interests	3,160	3,426	3,835
Adjustment to arrive at fair value of interests	1,615	6,607	1,749
Ending balance	<u>\$ 26,898</u>	<u>\$ 25,430</u>	<u>\$ 29,431</u>

We determine the fair value of the interests based on unobservable inputs after considering the assumptions that market participants would make in pricing the interest. We apply a discount rate to the estimated future cash flows allocable to our partners from the properties underlying the respective joint ventures. Estimated cash flows used in such analyses are based on our plans for the properties and our views of market and economic conditions, and consider items such as current and future rental rates, occupancy projections and estimated operating and development expenditures.

13. Equity

Preferred Shares

As of December 31, 2021, we had 25.0 million preferred shares authorized and unissued at \$0.01 par value per share.

Common Shares

In November 2018, we established an at-the-market ("ATM") stock offering program under which we may offer and sell common shares in at-the-market stock offerings having an aggregate gross sales price of up to \$300.0 million (the "2018 ATM Program"). Under the 2018 ATM Program, we may also, at our discretion, sell common shares under forward equity sales agreements. As of December 31, 2021, we had not issued any shares under the 2018 ATM Program.

In 2019, we issued 1.6 million shares for net proceeds of \$46.5 million under forward equity sale agreements no longer in effect to issue shares at an initial gross offering price of \$31.00 per share, before underwriting discounts, commissions and offering expenses. The forward sale price received upon physical settlement of the agreements was subject to adjustment on a daily basis based on a floating interest rate factor equal to the overnight bank funding rate less a spread, and was decreased on each of certain dates specified in the agreements during the term of the agreements.

Certain holders of COPLP common units converted their units into common shares on the basis of one common share for each common unit in the amount of 8,054 in 2021, 14,009 in 2020 and 105,039 in 2019.

We declared dividends per common share of \$1.10 in 2021, 2020 and 2019.

We pay dividends at the discretion of our Board of Trustees. Our ability to pay cash dividends will be dependent upon: (1) the cash flow generated from our operations; (2) cash generated or used by our financing and investing activities; and (3) the annual distribution requirements under the REIT provisions of the Code described in Note 2 and such other factors as the Board of Trustees deems relevant. Our ability to make cash dividends will also be limited by the terms of COPLP's Partnership Agreement, as well as by limitations imposed by state law. In addition, we are prohibited from paying cash dividends in excess of the amount necessary for us to qualify for taxation as a REIT if a default or event of default exists pursuant to the terms of our Revolving Credit Facility and unsecured term loan; this restriction does not currently limit our ability to pay dividends, and we do not believe that this restriction is reasonably likely to limit our ability to pay future dividends because we expect to comply with the terms of these debt agreements.

See Note 14 for disclosure of common share activity pertaining to our share-based compensation plans.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

14. Share-Based Compensation and Other Compensation Matters

Share-Based Compensation Plans

In May 2017, we adopted the 2017 Omnibus Equity and Incentive Plan following the approval of such plan by our common shareholders, and we amended the plan in November 2018 (as amended, the "2017 Plan"). We may issue equity-based awards under this plan to officers, employees, non-employee trustees and any other key persons of us and our subsidiaries, as defined in the plan. The plan provides for a maximum of 3.4 million of our common shares to be issued in the form of options, share appreciation rights, restricted share unit awards, restricted share awards, unrestricted share awards, PIUs, dividend equivalent rights and other equity-based awards and for the granting of cash-based awards. This plan expires on May 11, 2027. Shares for the 2017 Plan are issued under a registration statement on Form S-8 that became effective upon filing with the Securities and Exchange Commission.

The table below sets forth our reporting for share based compensation cost (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
General, administrative and leasing expenses	\$ 6,881	\$ 5,385	\$ 5,748
Property operating expenses	1,098	1,119	966
Capitalized to development activities	719	556	742
Share-based compensation cost	<u>\$ 8,698</u>	<u>\$ 7,060</u>	<u>\$ 7,456</u>

The amounts included in our consolidated statements of operations for share-based compensation reflected an estimate of pre-vesting forfeitures of 0% for awards to our executives and non-employee Trustees and 0% to 8% for awards to all other employees.

As of December 31, 2021, unrecognized compensation costs related to unvested awards included:

- \$5.2 million on restricted shares expected to be recognized over a weighted average period of approximately two years;
- \$3.0 million on performance-based PIUs ("PB-PIUs") expected to be recognized over a weighted average performance period of approximately two years;
- \$2.7 million on time-based PIUs ("TB-PIUs") expected to be recognized over a weighted average period of approximately two years; and
- \$34,000 on deferred share awards expected to be recognized through May 2022.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Restricted Shares

The following table summarizes restricted shares under the share-based compensation plans for 2019, 2020 and 2021:

	Shares	Weighted Average Grant Date Fair Value
Unvested as of December 31, 2018	438,685	\$ 28.38
Granted	195,520	\$ 26.56
Forfeited	(56,341)	\$ 29.44
Vested	(185,001)	\$ 28.01
Unvested as of December 31, 2019	392,863	\$ 27.49
Granted	166,918	\$ 25.22
Forfeited	(25,773) (1)	\$ 27.12
Vested	(173,191)	\$ 28.14
Unvested as of December 31, 2020	360,817	\$ 26.16
Granted	177,995	\$ 26.17
Forfeited	(39,664)	\$ 26.62
Vested	(164,575)	\$ 25.95
Unvested as of December 31, 2021	334,573	\$ 26.22
Unvested shares as of December 31, 2021 that are expected to vest	306,658	\$ 26.22

(1) Includes 9,064 restricted shares previously awarded to our former Executive Vice President and Chief Operating Officer that were forfeited upon his resignation.

Restricted shares granted to employees vest based on increments and over periods of time set forth under the terms of the respective awards provided that the employee remains employed by us. Restricted shares granted to non-employee Trustees vest on the first anniversary of the grant date, provided that the Trustee remains in his or her position.

The aggregate intrinsic value of restricted shares that vested was \$4.3 million in 2021, \$4.4 million in 2020 and \$4.9 million in 2019.

PIUs

We granted two forms of PIUs: TB-PIUs; and PB-PIUs. TB-PIUs are subject to forfeiture restrictions until the end of the requisite service period, at which time the TB-PIUs automatically convert into vested PIUs. PB-PIUs are subject to a market condition in that the number of earned awards are determined at the end of the performance period (as described further below) and then settled in vested PIUs. Vested PIUs carry substantially the same rights to redemption and distributions as non-PIU common units.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

TB-PIUs

TB-PIUs granted to senior management team members vest based on increments and over periods of time set forth under the terms of the respective awards provided that the employee remains employed by us. TB-PIUs granted to non-employee Trustees vest on the first anniversary of the grant date, provided that the Trustee remains in his or her position. Prior to vesting, TB-PIUs carry substantially the same rights to distributions as non-PIU common units but carry no redemption rights. The following table summarizes TB-PIUs under the share-based compensation plan for 2019, 2020 and 2021:

	Number of TB-PIUs	Weighted Average Grant Date Fair Value
Unvested as of December 31, 2018	—	N/A
Granted	61,820	\$ 26.01
Unvested as of December 31, 2019	61,820	\$ 26.01
Granted	98,318	\$ 25.47
Forfeited	(20,622) (1)	\$ 25.50
Vested	(25,182)	\$ 26.30
Unvested as of December 31, 2020	114,334	\$ 25.57
Granted	93,983	\$ 26.16
Vested	(45,244)	\$ 25.28
Unvested as of December 31, 2021	163,073	\$ 25.99
Unvested TB-PIUs as of December 31, 2021 that are expected to vest	162,472	\$ 25.99

(1) Represents TB-PIUs previously awarded to our former Executive Vice President and Chief Operating Officer that were forfeited upon his resignation.

The aggregate intrinsic value of TB-PIUs that vested was \$1.2 million in 2021 and \$640,000 in 2020.

PB-PIUs

We made the following grants of PB-PIUs to executives in 2019, 2020 and 2021 (dollars in thousands, except per share data):

Grant Date	Number of PB-PIUs Granted	Grant Date Fair Value	Number of PB-PIUs Outstanding as of December 31, 2021 (1)
1/1/2019	193,682	\$ 2,415	156,104
1/1/2020	176,758	\$ 2,891	141,152
1/1/2021	227,544	\$ 3,417	227,544

(1) Excludes 73,184 PB-PIUs previously awarded to our former Executive Vice President and Chief Operating Officer that were forfeited upon his resignation.

The PB-PIUs each have a three-year performance period concluding on the earlier of the respective performance period end dates, or the date of: (1) termination by us without cause, death or disability of the executive or constructive discharge of the executive (collectively, "qualified termination"); or (2) a sale event. The number of earned awards at the end of the performance period will be determined based on the percentile rank of COPT's total shareholder return ("TSR") relative to a peer group of companies, as set forth in the following schedule:

Percentile Rank	Earned Awards Payout %
75th or greater	100% of PB-PIUs granted
50th (target)	50% of PB-PIUs granted
25th	25% of PB-PIUs granted
Below 25th	0% of PB-PIUs granted

If the percentile rank exceeds the 25th percentile and is between two of the percentile ranks set forth in the table above, then the percentage of the earned awards will be interpolated between the ranges set forth in the table above to reflect any performance between the listed percentiles. If COPT's TSR during the measurement period is negative, the maximum number of earned awards will be limited to the target level payout percentage. During the performance period, PB-PIUs carry rights to distributions

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

equal to 10% of the distribution rights of non-PIU common units but carry no redemption rights. At the end of the performance period, we will settle the award by issuing vested PIUs equal to the number of earned awards and either:

- for awards granted January 1, 2019 and 2020, paying cash equal to the excess, if any, of: the aggregate distributions that would have been paid with respect to vested PIUs issued in settlement of the earned awards through the date of settlement had such vested PIUs been issued on the grant date; over the aggregate distributions made on the PB-PIUs during the performance period; or
- for awards granted January 1, 2021, issuing additional vested PIUs equal to the excess, if any, of (1) the aggregate distributions that would have been paid with respect to vested PIUs issued in settlement of the earned awards through the date of settlement had such vested PIUs been issued on the grant date over (2) the aggregate distributions made on the PB-PIUs during the performance period, divided by the price of our common shares on the settlement date.

If a performance period ends due to a sale event or qualified termination, the number of earned awards is prorated based on the portion of the three-year performance period that has elapsed. If employment is terminated by the employee or by us for cause, all PB-PIUs are forfeited.

Based on COPT's TSR relative to its peer group of companies, for the 2019 PB-PIUs issued to executives that vested on December 31, 2021, we issued 156,104 PIUs in settlement of the PB-PIUs on February 1, 2022.

We computed grant date fair values for PB-PIUs using Monte Carlo models and are recognizing these values over the respective performance periods. The grant date fair value and certain of the assumptions used in the Monte Carlo models for the PB-PIUs granted in 2019, 2020 and 2021 are set forth below:

Grant Date	Grant Date Fair Value Per PB-PIU at Target-Level Award	Baseline Common Share Value	Expected Volatility of Common Shares	Risk-free Interest Rate
1/1/2019	\$ 24.94	\$ 21.03	21.0 %	2.51 %
1/1/2020	\$ 32.71	\$ 29.38	18.0 %	1.65 %
1/1/2021	\$ 30.03	\$ 26.08	34.7 %	0.18 %

PSUs

As of December 31, 2021, we had no PSU grants outstanding. Below is information for executive grants of PSUs with performance periods included in these consolidated financial statements (dollars in thousands):

Grant Date	Number of PSUs Granted	Grant Date Fair Value
1/1/2017	39,351	\$ 1,415
1/1/2018	59,110	\$ 1,890

The PSUs each had three-year performance periods concluding on the earlier of the respective performance period end dates or the date of: (1) termination by us without cause, death or disability of the executive or constructive discharge of the executive (collectively, "qualified termination"); or (2) a sale event. The number of PSUs earned ("earned PSUs") at the end of the performance period were determined based on the percentile rank of COPT's TSR relative to a peer group of companies, as set forth in the following schedule:

Percentile Rank	Earned PSUs Payout %
75th or greater	200% of PSUs granted
50th (target)	100% of PSUs granted
25th	50% of PSUs granted
Below 25th	0% of PSUs granted

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

If the percentile rank exceeded the 25th percentile and was between two of the percentile ranks set forth in the table above, then the percentage of the earned PSUs was interpolated between the ranges set forth in the table above to reflect any performance between the listed percentiles. At the end of the performance period, we settled the award by issuing fully-vested COPT shares equal to the number of earned PSUs in settlement of the award plan and either:

- for awards granted January 1, 2017, issuing fully-vested COPT shares equal to the aggregate dividends that would have been paid with respect to the common shares issued in settlement of the earned PSUs through the date of settlement had such shares been issued on the grant date, divided by the share price on the settlement date; or
- for awards granted January 1, 2018, paying cash equal to the aggregate dividends that would have been paid with respect to the common shares issued in settlement of the earned PSUs through the date of settlement had such shares been issued on the grant date.

If employment was terminated by the employee or by us for cause, all PSUs were forfeited. PSUs do not carry voting rights.

Based on COPT's TSR relative to its peer group of companies:

- for the 2017 PSUs that vested on December 31, 2019, we issued 23,181 common shares in settlement of the PSUs on January 13, 2020; and
- for the 2018 PSUs that vested on December 31, 2020, we issued 93,824 common shares in settlement of the PSUs on February 3, 2021.

We computed grant date fair values for PSUs using Monte Carlo models and recognized these values over the performance periods.

Deferred Share Awards

We made the following grants of deferred share awards to non-employee Trustees in 2019, 2020 and 2021 (dollars in thousands, except per share data):

Year of Grant	Number of Deferred Share Awards Granted	Aggregate Grant Date Fair Value	Grant Date Fair Value Per Award
2019	3,432	\$ 95	\$ 27.60
2020	10,679	\$ 253	\$ 23.68
2021	3,416	\$ 93	\$ 27.12

Deferred share awards vest on the first anniversary of the grant date, provided that the Trustee remains in his or her position. We settle deferred share awards by issuing an equivalent number of common shares upon vesting of the awards or a later date elected by the Trustee (generally upon cessation of being a Trustee). We issued 3,097 common shares with a grant date fair value of \$26.77 per award and an aggregate intrinsic value of \$86,000 in settlement of deferred shares in 2019 (no award settlements occurred in 2020 or 2021).

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

15. Credit Losses, Financial Assets and Other Instruments

The table below sets forth the activity for the allowance for credit losses (in thousands):

	For the Years Ended December 31, 2020 and 2021					
	Investing Receivables	Tenant Notes Receivable (1)	Other Assets (2)	Off-Balance Sheet Credit Exposures	Total	
December 31, 2019	\$ —	\$ 97	\$ —	\$ —	\$ 97	
Cumulative effect of change for adoption of credit loss guidance	3,732	325	144	1,340	5,541	
Credit loss (recoveries) expense	(881)	729	559	(1,340)	(933)	
Other changes	—	52	(60)	—	(8)	
December 31, 2020	2,851	1,203	643	—	4,697	
Credit loss (recoveries) expense	(1,252)	(146)	270	—	(1,128)	
December 31, 2021	<u>\$ 1,599</u>	<u>\$ 1,057</u>	<u>\$ 913</u>	<u>\$ —</u>	<u>\$ 3,569</u>	

(1) Included in the line entitled "accounts receivable, net" on our consolidated balance sheets.

(2) The balance as of December 31, 2021 and December 31, 2020 included \$218,000 and \$257,000, respectively, in the line entitled "accounts receivable, net" and \$695,000 and \$386,000, respectively, in the line entitled "prepaid expenses and other assets, net" on our consolidated balance sheets.

The following table presents the amortized cost basis of our investing receivables, tenants notes receivable and sales-type lease receivables by credit risk classification, by origination year as of December 31, 2021 (in thousands):

	Origination Year						Total
	2016 and Earlier	2017	2018	2019	2020	2021	
Investing receivables:							
Credit risk classification:							
Investment grade	\$ 70,434	\$ 1,069	\$ —	\$ —	\$ 1,675	\$ 4,606	\$ 77,784
Non-investment grade	—	—	—	6,041	—	—	6,041
Total	<u>\$ 70,434</u>	<u>\$ 1,069</u>	<u>\$ —</u>	<u>\$ 6,041</u>	<u>\$ 1,675</u>	<u>\$ 4,606</u>	<u>\$ 83,825</u>
Tenant notes receivable:							
Credit risk classification:							
Investment grade	\$ —	\$ —	\$ 921	\$ 63	\$ 271	\$ —	\$ 1,255
Non-investment grade	207	—	132	137	1,724	—	2,200
Total	<u>\$ 207</u>	<u>\$ —</u>	<u>\$ 1,053</u>	<u>\$ 200</u>	<u>\$ 1,995</u>	<u>\$ —</u>	<u>\$ 3,455</u>
Sales-type lease receivable:							
Credit risk classification:							
Investment grade	\$ —	\$ —	\$ —	\$ —	\$ 6,194	\$ —	\$ 6,194

Our investment grade credit risk classification represents entities with investment grade credit ratings from ratings agencies (such as Standard & Poor's Ratings Services, Moody's Investors Service, Inc. or Fitch Ratings Ltd.), meaning that they are considered to have at least an adequate capacity to meet their financial commitments, with credit risk ranging from minimal to moderate. Our non-investment grade credit risk classification represents entities with either no credit agency credit ratings or ratings deemed to be sub-investment grade; we believe that there is significantly more credit risk associated with this classification. The credit risk classifications of our investing receivables and tenant notes receivable were last updated in December 2021.

An insignificant portion of the investing and tenant notes receivables set forth above was past due, which we define as being delinquent by more than three months from the due date.

Notes receivable on nonaccrual status as of December 31, 2021 and 2020 were not significant. We did not recognize any interest income on notes receivable on nonaccrual status during the years ended December 31, 2021 and 2020.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

16. Information by Business Segment

We have the following reportable segments: Defense/IT Locations; Regional Office; Wholesale Data Center; and Other. We also report on Defense/IT Locations sub-segments, which include the following: Fort George G. Meade and the Baltimore/Washington Corridor ("Fort Meade/BW Corridor"); NoVA Defense/IT; Lackland Air Force Base (in San Antonio); locations serving the U.S. Navy ("Navy Support"), which included properties proximate to the Washington Navy Yard, the Naval Air Station Patuxent River in Maryland and the Naval Surface Warfare Center Dahlgren Division in Virginia; Redstone Arsenal (in Huntsville); and data center shells (properties leased to tenants to be operated as data centers in which the tenants fund the costs for the power, fiber connectivity and data center infrastructure). In 2021, we retrospectively classified certain activities with our Other reportable segment that were previously classified with our Wholesale Data Center reportable segment.

We measure the performance of our segments through the measure we define as net operating income from real estate operations ("NOI from real estate operations"), which includes: real estate revenues and property operating expenses; and the net of revenues and property operating expenses of real estate operations owned through unconsolidated real estate joint ventures ("UJVs") that is allocable to our ownership interest ("UJV NOI allocable to COPT"). Amounts reported for segment assets represent long-lived assets associated with consolidated operating properties (including the carrying value of properties, right-of-use assets, net of related lease liabilities, intangible assets, deferred leasing costs, deferred rents receivable and lease incentives) and the carrying value of investments in UJVs owning operating properties. Amounts reported as additions to long-lived assets represent additions to existing consolidated operating properties, excluding transfers from non-operating properties, which we report separately.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

The table below reports segment financial information for our reportable segments (in thousands):

	Defense/IT Locations							Regional Office	Wholesale Data Center	Other	Total
	Fort Meade/BW Corridor	NoVA Defense/IT	Lackland Air Force Base	Navy Support	Redstone Arsenal	Data Center Shells	Total Defense/IT Locations				
Year Ended December 31, 2021											
Revenues from real estate operations	\$ 262,120	\$ 62,390	\$ 57,756	\$ 33,757	\$ 35,727	\$ 31,582	\$ 483,332	\$ 66,570	\$ 30,490	\$ 6,668	\$ 587,060
Property operating expenses	(92,521)	(23,218)	(30,535)	(13,617)	(11,618)	(4,086)	(175,595)	(32,623)	(17,424)	(4,577)	(230,219)
UJV NOI allocable to COPT	—	—	—	—	—	4,029	4,029	—	—	—	4,029
NOI from real estate operations	\$ 169,599	\$ 39,172	\$ 27,221	\$ 20,140	\$ 24,109	\$ 31,525	\$ 311,766	\$ 33,947	\$ 13,066	\$ 2,091	\$ 360,870
Additions to long-lived assets	\$ 45,647	\$ 5,823	\$ —	\$ 4,193	\$ 3,542	\$ —	\$ 59,205	\$ 35,412	\$ 1,680	\$ 488	\$ 96,785
Transfers from non-operating properties	\$ 70,514	\$ 90,050	\$ 59,323	\$ —	\$ 22,739	\$ 3,004	\$ 245,630	\$ 39,319	\$ —	\$ —	\$ 284,949
Segment assets at December 31, 2021	\$ 1,332,399	\$ 471,760	\$ 198,200	\$ 170,985	\$ 300,252	\$ 350,098	\$ 2,823,694	\$ 555,090	\$ 192,647	\$ 4,031	\$ 3,575,462
Year Ended December 31, 2020											
Revenues from real estate operations	\$ 254,197	\$ 57,817	\$ 50,982	\$ 32,869	\$ 22,515	\$ 29,139	\$ 447,519	\$ 60,627	\$ 27,011	\$ 3,568	\$ 538,725
Property operating expenses	(85,032)	(21,321)	(29,055)	(12,655)	(8,119)	(3,195)	(159,377)	(29,144)	(13,543)	(1,776)	(203,840)
UJV NOI allocable to COPT	—	—	—	—	—	6,951	6,951	—	—	—	6,951
NOI from real estate operations	\$ 169,165	\$ 36,496	\$ 21,927	\$ 20,214	\$ 14,396	\$ 32,895	\$ 295,093	\$ 31,483	\$ 13,468	\$ 1,792	\$ 341,836
Additions to long-lived assets	\$ 31,295	\$ 11,620	\$ —	\$ 7,104	\$ 2,905	\$ —	\$ 52,924	\$ 17,232	\$ 10,856	\$ 467	\$ 81,479
Transfers from non-operating properties	\$ 21,859	\$ 2,557	\$ 456	\$ —	\$ 138,122	\$ 230,277	\$ 393,271	\$ 83,091	\$ —	\$ —	\$ 476,362
Segment assets at December 31, 2020	\$ 1,277,849	\$ 392,714	\$ 142,137	\$ 178,897	\$ 281,386	\$ 419,929	\$ 2,692,912	\$ 490,422	\$ 201,820	\$ 3,824	\$ 3,388,978
Year Ended December 31, 2019											
Revenues from real estate operations	\$ 252,781	\$ 55,742	\$ 51,140	\$ 32,659	\$ 16,593	\$ 26,571	\$ 435,486	\$ 59,611	\$ 29,405	\$ 2,961	\$ 527,463
Property operating expenses	(82,815)	(19,779)	(29,042)	(13,579)	(6,626)	(1,962)	(153,803)	(29,682)	(13,213)	(1,445)	(198,143)
UJV NOI allocable to COPT	—	—	—	—	—	5,705	5,705	—	—	—	5,705
NOI from real estate operations	\$ 169,966	\$ 35,963	\$ 22,098	\$ 19,080	\$ 9,967	\$ 30,314	\$ 287,388	\$ 29,929	\$ 16,192	\$ 1,516	\$ 335,025
Additions to long-lived assets	\$ 34,618	\$ 9,326	\$ —	\$ 8,912	\$ 1,548	\$ —	\$ 54,404	\$ 20,925	\$ 893	\$ 128	\$ 76,350
Transfers from non-operating properties	\$ 18,606	\$ 4,548	\$ 10,781	\$ —	\$ 33,606	\$ 159,472	\$ 227,013	\$ —	\$ (1,012)	\$ —	\$ 226,001
Segment assets at December 31, 2019	\$ 1,280,656	\$ 396,914	\$ 146,592	\$ 184,257	\$ 138,501	\$ 279,099	\$ 2,426,019	\$ 392,319	\$ 202,935	\$ 3,685	\$ 3,024,958

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

The following table reconciles our segment revenues to total revenues as reported on our consolidated statements of operations (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
Segment revenues from real estate operations	\$ 587,060	\$ 538,725	\$ 527,463
Construction contract and other service revenues	107,876	70,640	113,763
Less: Revenues from discontinued operations (Note 4)	(30,490)	(27,011)	(29,405)
Total revenues	<u>\$ 664,446</u>	<u>\$ 582,354</u>	<u>\$ 611,821</u>

The following table reconciles our segment property operating expenses to property operating expenses as reported on our consolidated statements of operations (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
Segment property operating expenses	\$ 230,219	\$ 203,840	\$ 198,143
Less: Property operating expenses from discontinued operations (Note 4)	(16,842)	(13,044)	(12,694)
Total property operating expenses	<u>\$ 213,377</u>	<u>\$ 190,796</u>	<u>\$ 185,449</u>

The following table reconciles UJV NOI allocable to COPT to equity in income of unconsolidated entities as reported on our consolidated statements of operations (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
UJV NOI allocable to COPT	\$ 4,029	\$ 6,951	\$ 5,705
Less: Income from UJVs allocable to COPT attributable to depreciation and amortization expense and interest expense	(2,930)	(5,120)	(4,065)
Add: Equity in loss of unconsolidated non-real estate entities	(6)	(6)	(7)
Equity in income of unconsolidated entities	<u>\$ 1,093</u>	<u>\$ 1,825</u>	<u>\$ 1,633</u>

As previously discussed, we provide real estate services such as property management, development and construction services primarily for our properties but also for third parties. The primary manner in which we evaluate the operating performance of our service activities is through a measure we define as net operating income from service operations ("NOI from service operations"), which is based on the net of revenues and expenses from these activities. Construction contract and other service revenues and expenses consist primarily of subcontracted costs that are reimbursed to us by the customer along with a management fee. The operating margins from these activities are small relative to the revenue. We believe NOI from service operations is a useful measure in assessing both our level of activity and our profitability in conducting such operations. The table below sets forth the computation of our NOI from service operations (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
Construction contract and other service revenues	\$ 107,876	\$ 70,640	\$ 113,763
Construction contract and other service expenses	(104,053)	(67,615)	(109,962)
NOI from service operations	<u>\$ 3,823</u>	<u>\$ 3,025</u>	<u>\$ 3,801</u>

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

The following table reconciles our NOI from real estate operations for reportable segments and NOI from service operations to income from continuing operations as reported on our consolidated statements of operations (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
NOI from real estate operations	\$ 360,870	\$ 341,836	\$ 335,025
NOI from service operations	3,823	3,025	3,801
Interest and other income	7,879	8,574	7,894
Credit loss recoveries	1,128	933	—
Gain on sales of real estate	65,590	30,209	105,230
Gain on sale of investment in unconsolidated real estate joint venture	—	29,416	—
Equity in income of unconsolidated entities	1,093	1,825	1,633
Income tax (expense) benefit	(145)	(353)	217
Depreciation and other amortization associated with real estate operations	(137,543)	(126,503)	(125,008)
Impairment losses	—	(1,530)	(329)
General, administrative and leasing expenses	(36,127)	(33,001)	(35,402)
Business development expenses and land carry costs	(4,647)	(4,473)	(4,239)
Interest expense	(65,398)	(67,937)	(71,052)
UJV NOI allocable to COPT included in equity in income of unconsolidated entities	(4,029)	(6,951)	(5,705)
Revenues from real estate operations from discontinued operations (Note 4)	(30,490)	(27,011)	(29,405)
Property operating expenses from discontinued operations (Note 4)	16,842	13,044	12,694
Loss on early extinguishment of debt	(100,626)	(7,306)	—
Loss on interest rate derivatives	—	(53,196)	—
Income from continuing operations	<u>\$ 78,220</u>	<u>\$ 100,601</u>	<u>\$ 195,354</u>

The following table reconciles our segment assets to our consolidated total assets (in thousands):

	As of December 31,	
	2021	2020
Segment assets	\$ 3,575,462	\$ 3,388,978
Operating properties lease liabilities included in segment assets	29,342	30,721
Non-operating property assets	449,144	466,991
Other assets	208,504	190,333
Total consolidated assets	<u>\$ 4,262,452</u>	<u>\$ 4,077,023</u>

The accounting policies of the segments are the same as those used to prepare our consolidated financial statements, except that discontinued operations are not presented separately for segment purposes. In the segment reporting presented above, we did not allocate interest expense, depreciation and amortization, impairment losses, gain on sales of real estate, gain on sale of investment in unconsolidated real estate joint venture, loss on early extinguishment of debt, loss on interest rate derivatives and equity in income of unconsolidated entities not included in NOI to our real estate segments since they are not included in the measure of segment profit reviewed by management. We also did not allocate general, administrative and leasing expenses, business development expenses and land carry costs, interest and other income, credit loss recoveries, income taxes and noncontrolling interests because these items represent general corporate or non-operating property items not attributable to segments.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

17. Construction Contract and Other Service Revenues

We disaggregate our construction contract and other service revenues by compensation arrangement and by service type as we believe it best depicts the nature, timing and uncertainty of our revenue. The table below reports construction contract and other service revenues by compensation arrangement (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
Construction contract revenue:			
GMP	\$ 68,113	\$ 22,032	\$ 67,708
Cost-plus fee	24,260	34,025	34,386
FFP	13,897	12,373	10,688
Other	1,606	2,210	981
	<u>\$ 107,876</u>	<u>\$ 70,640</u>	<u>\$ 113,763</u>

The table below reports construction contract and other service revenues by service type (in thousands):

	For the Years Ended December 31,		
	2021	2020	2019
Construction contract revenue:			
Construction	\$ 104,020	\$ 66,087	\$ 112,170
Design	2,250	2,343	612
Other	1,606	2,210	981
	<u>\$ 107,876</u>	<u>\$ 70,640</u>	<u>\$ 113,763</u>

We derived 79% of our construction contract revenue from the USG in 2021, 55% in 2020 and 74% in 2019.

We recognized an insignificant amount of revenue in 2021, 2020 and 2019 from performance obligations satisfied (or partially satisfied) in previous periods.

Accounts receivable related to our construction contract services is included in accounts receivable, net on our consolidated balance sheets. The beginning and ending balances of accounts receivable related to our construction contracts were as follows (in thousands):

	For the Years Ended December 31,	
	2021	2020
Beginning balance	\$ 13,997	\$ 12,378
Ending balance	\$ 7,193	\$ 13,997

Contract assets, which we refer to herein as construction contract costs in excess of billings, net, are included in prepaid expenses and other assets, net on our consolidated balance sheets. The beginning and ending balances of our contract assets were as follows (in thousands):

	For the Years Ended December 31,	
	2021	2020
Beginning balance	\$ 10,343	\$ 17,223
Ending balance	\$ 22,384	\$ 10,343

Contract liabilities are included in other liabilities on our consolidated balance sheets. Changes in contract liabilities were as follows (in thousands):

	For the Years Ended December 31,	
	2021	2020
Beginning balance	\$ 4,610	\$ 1,184
Ending balance	\$ 2,499	\$ 4,610
Portion of beginning balance recognized in revenue during the year	\$ 2,664	\$ 757

Revenue allocated to the remaining performance obligations under existing contracts as of December 31, 2021 that will be recognized as revenue in future periods was \$147.8 million, of which we expect to recognize approximately \$98 million in 2022.

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

We have no deferred incremental costs incurred to obtain or fulfill our construction contracts or other service revenues as of December 31, 2021 and December 31, 2020. Our credit loss expense on construction contracts receivable or unbilled construction revenue was \$211,000 in 2021 and \$528,000 in 2020, and was insignificant in 2019.

18. Earnings Per Share (“EPS”)

We present both basic and diluted EPS. We compute basic EPS by dividing net income available to common shareholders allocable to unrestricted common shares under the two-class method by the weighted average number of unrestricted common shares outstanding during the period. Our computation of diluted EPS is similar except that:

- the denominator is increased to include: (1) the weighted average number of potential additional common shares that would have been outstanding if securities that are convertible into common shares were converted; and (2) the effect of dilutive potential common shares outstanding during the period attributable to redeemable noncontrolling interests, share-based compensation awards and forward equity sale agreements using the if-converted or treasury stock methods; and
- the numerator is adjusted to add back any changes in income or loss that would result from the assumed conversion into common shares that we add to the denominator.

Summaries of the numerator and denominator for purposes of basic and diluted EPS calculations are set forth below (in thousands, except per share data):

	For the Years Ended December 31,		
	2021	2020	2019
Numerator:			
Income from continuing operations	\$ 78,220	\$ 100,601	\$ 195,354
Income from continuing operations attributable to noncontrolling interests	(4,994)	(5,477)	(8,255)
Income from continuing operations attributable to share-based compensation awards for basic EPS	(467)	(433)	(638)
Numerator for basic EPS from continuing operations attributable to COPT common shareholders	\$ 72,759	\$ 94,691	\$ 186,461
Redeemable noncontrolling interests	(128)	—	132
Adjustment to income from continuing operations attributable to share-based compensation awards for diluted EPS	44	27	33
Numerator for diluted EPS from continuing operations attributable to COPT common shareholders	\$ 72,675	\$ 94,718	\$ 186,626
Discontinued operations	3,358	2,277	4,650
Discontinued operations attributable to noncontrolling interests	(43)	(27)	(57)
Income from discontinued operations attributable to share-based compensation awards for diluted EPS	6	2	(18)
Numerator for diluted EPS on net income attributable to COPT common shareholders	<u>\$ 75,996</u>	<u>\$ 96,970</u>	<u>\$ 191,201</u>
Denominator (all weighted averages):			
Denominator for basic EPS (common shares)	111,960	111,788	111,196
Dilutive effect of redeemable noncontrolling interests	128	—	119
Dilutive effect of share-based compensation awards	330	288	308
Denominator for diluted EPS (common shares)	<u>112,418</u>	<u>112,076</u>	<u>111,623</u>
Basic EPS:			
Income from continuing operations attributable to COPT common shareholders	\$ 0.65	\$ 0.85	\$ 1.68
Discontinued operations attributable to COPT common shareholders	0.03	0.02	0.04
Net income attributable to COPT common shareholders	<u>\$ 0.68</u>	<u>\$ 0.87</u>	<u>\$ 1.72</u>
Diluted EPS:			
Income from continuing operations attributable to COPT common shareholders	\$ 0.65	\$ 0.85	\$ 1.67
Discontinued operations attributable to COPT common shareholders	0.03	0.02	0.04
Net income attributable to COPT common shareholders	<u>\$ 0.68</u>	<u>\$ 0.87</u>	<u>\$ 1.71</u>

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

Our diluted EPS computations do not include the effects of the following securities since the conversions of such securities would increase diluted EPS for the respective periods (in thousands):

	Weighted Average Shares Excluded from Denominator for the Years Ended December 31,		
	2021	2020	2019
Conversion of common units	1,257	1,236	1,299
Conversion of redeemable noncontrolling interests	804	957	896
Conversion of Series I Preferred Units	—	171	176

The following securities were also excluded from the computation of diluted EPS because their effect was antidilutive:

- weighted average restricted shares and deferred share awards of 412,000 for 2021, 430,000 for 2020 and 441,000 for 2019;
- weighted average TB-PIUs of 158,000 for 2021, 89,000 for 2020 and 51,000 for 2019;
- weighted average options of 12,000 for 2019; and
- weighted average shares related to forward equity sale agreements of 376,000 for 2019.

19. Commitments and Contingencies

Litigation and Claims

In the normal course of business, we are subject to legal actions and other claims. We record losses for specific legal proceedings and claims when we determine that a loss is probable and the amount of loss can be reasonably estimated. As of December 31, 2021, management believes that it is reasonably possible that we could recognize a loss of up to \$3.6 million for certain municipal tax claims; while we do not believe this loss would materially affect our financial position or liquidity, it could be material to our results of operations. Management believes that it is also reasonably possible that we could incur losses pursuant to other claims but do not believe such losses would materially affect our financial position, liquidity or results of operations. Our assessment of the potential outcomes of these matters involves significant judgment and is subject to change based on future developments.

Environmental

We are subject to various Federal, state and local environmental regulations related to our property ownership and operation. We have performed environmental assessments of our properties, the results of which have not revealed any environmental liability that we believe would have a materially adverse effect on our financial position, operations or liquidity.

In connection with a lease and subsequent sale in 2008 and 2010 of three properties in Dayton, New Jersey, we agreed to provide certain environmental indemnifications limited to \$19 million in the aggregate. We have insurance coverage in place to mitigate much of any potential future losses that may result from these indemnification agreements.

Tax Incremental Financing Obligation

Anne Arundel County, Maryland issued tax incremental financing bonds to third-party investors in order to finance public improvements needed in connection with our project known as the National Business Park. These bonds had a remaining principal balance of approximately \$31 million as of December 31, 2021. The real estate taxes on increases in assessed values post-bond issuance of properties in development districts encompassing the National Business Park are transferred to a special fund pledged to the repayment of the bonds. While we are obligated to fund, through a special tax, any future shortfalls between debt service of the bonds and real estate taxes available to repay the bonds, as of December 31, 2021, we do not expect any such future fundings will be required.

Effects of COVID-19

As of the date of this filing, spread of COVID-19 continues world- and nation-wide. Since the beginning of 2021, the United States has significantly increased the proportion of the population that has received COVID-19 vaccines, and there is increased confidence that spread of COVID-19 can, to a large extent, be contained through vaccinations and wearing masks indoors in public. As a result, most restrictive measures previously instituted by governments and other authorities to control spread have been gradually lifted and an increased proportion of the population has resumed a return to normal activities. However, there continues to be significant uncertainty regarding the duration and extent of the pandemic due to factors such as the continuing spread of the virus, the pace of world- and nation-wide vaccination efforts, the continued emergence of new variants of the virus and the efficacy of vaccines against such variants. While the pandemic has impacted the operations of much of the commercial

Corporate Office Properties Trust and Subsidiaries
Notes to Consolidated Financial Statements (Continued)

real estate industry, we believe that we have been less susceptible to such impact due to our portfolio's significant concentration in Defense/IT Locations. As a result, we believe that we have not been significantly affected by the pandemic.

COVID-19, along with measures instituted to prevent spread, may adversely affect us in many ways, including, but not limited to:

- disruption of our tenants' operations, which could adversely affect their ability, or willingness, to sustain their businesses and/or fulfill their lease obligations;
- our ability to maintain occupancy in our properties and obtain new leases for unoccupied and new development space at favorable terms or at all;
- shortages in supply of products or services from our and our tenants' vendors that are needed for us and our tenants to operate effectively, and which could lead to increased costs for such products and services;
- access to debt and equity capital on attractive terms or at all. Severe disruption and instability in the global financial markets or deteriorations in credit and financing conditions may affect our or our tenants' ability to access capital necessary to fund operations, refinance debt or fund planned investments on a timely basis, and may adversely affect the valuation of financial assets and liabilities;
- our and our tenants' ability to continue or complete planned development, including the potential for delays in the supply of materials or labor necessary for development; and
- an increase in the pace of businesses implementing remote work arrangements over the long-term, which would adversely effect demand for office space.

The extent of the effect on our operations, financial condition and cash flows will be dependent on future developments, including the duration and extent of the pandemic, the prevalence, strength and duration of restrictive measures and the resulting effects on our tenants, potential future tenants, the commercial real estate industry and the broader economy, all of which are uncertain and difficult to predict.

20. Quarterly Data (Unaudited)

The tables below set forth selected quarterly information for the years ended December 31, 2021 and 2020 (in thousands, except per share/unit data). We reclassified certain amounts from prior periods to conform to the current period presentation of our consolidated financial statements with no effect on previously reported net income, including amounts reclassified in conjunction with the transfer of our wholesale data center to discontinued operations in December 2021.

	For the Year Ended December 31, 2021				For the Year Ended December 31, 2020			
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Revenues	\$ 154,388	\$ 157,207	\$ 166,919	\$ 185,932	\$ 138,625	\$ 138,321	\$ 148,801	\$ 156,607
(Loss) income from continuing operations	\$ (6,894)	\$ 43,219	\$ 28,343	\$ 13,552	\$ 24,426	\$ 24,984	\$ (30,991)	\$ 82,182
Discontinued operations	815	679	451	1,413	1,124	137	(351)	1,367
Net (loss) income	\$ (6,079)	\$ 43,898	\$ 28,794	\$ 14,965	\$ 25,550	\$ 25,121	\$ (31,342)	\$ 83,549
Net loss (income) attributable noncontrolling interests	(590)	(1,497)	(1,693)	(1,257)	(1,496)	(1,624)	(503)	(1,881)
Net (loss) income attributable to COPT common shareholders	\$ (6,669)	\$ 42,401	\$ 27,101	\$ 13,708	\$ 24,054	\$ 23,497	\$ (31,845)	\$ 81,668
Basic EPS	\$ (0.06)	\$ 0.38	\$ 0.24	\$ 0.12	\$ 0.21	\$ 0.21	\$ (0.29)	\$ 0.73
Diluted EPS	\$ (0.06)	\$ 0.38	\$ 0.24	\$ 0.12	\$ 0.21	\$ 0.21	\$ (0.29)	\$ 0.73

21. Subsequent Event

On January 25, 2022, we sold 9651 Hornbaker Road in Manassas, Virginia, our wholesale data center, for \$222.5 million, resulting in a gain on sale of approximately \$29 million.

Corporate Office Properties Trust and Subsidiaries
Schedule III—Real Estate and Accumulated Depreciation
December 31, 2021
(Dollars in thousands)

Property (Type) (1)	Location	Initial Cost			Gross Amounts Carried At Close of Period			Accumulated Depreciation (4)	Year Built or Renovated	Date Acquired (5)	
		Encumbrances (2)	Land	Building and Land Improvements	Costs Capitalized Subsequent to Acquisition	Land	Building and Land Improvements				Total (3)
100 Light Street (O)	Baltimore, MD	\$ —	\$ 26,715	\$ 58,002	\$ 36,662	\$ 26,715	\$ 94,664	\$ 121,379	\$ (25,616)	1973/2011	8/7/2015
100 Secured Gateway (O)	Huntsville, AL	—	—	71,089	—	—	71,089	71,089	(2,340)	2020	3/23/2010
1000 Redstone Gateway (O)	Huntsville, AL	9,281	—	20,533	76	—	20,609	20,609	(4,525)	2013	3/23/2010
1100 Redstone Gateway (O)	Huntsville, AL	9,913	—	19,593	88	—	19,681	19,681	(3,912)	2014	3/23/2010
114 National Business Parkway (O)	Annapolis Junction, MD	—	364	3,109	404	364	3,513	3,877	(1,679)	2002	6/30/2000
1200 Redstone Gateway (O)	Huntsville, AL	11,441	—	22,389	141	—	22,530	22,530	(4,509)	2013	3/23/2010
1201 M Street SE (O)	Washington, DC	—	—	49,775	10,290	—	60,065	60,065	(21,051)	2001	9/28/2010
1201 Winterson Road (O)	Linthicum, MD	—	2,130	17,009	901	2,130	17,910	20,040	(5,952)	1985/2017	4/30/1998
1220 12th Street SE (O)	Washington, DC	—	—	42,464	9,749	—	52,213	52,213	(19,797)	2003	9/28/2010
1243 Winterson Road (L)	Linthicum, MD	—	630	—	—	630	—	630	—	(6)	12/19/2001
131 National Business Parkway (O)	Annapolis Junction, MD	—	1,906	7,623	5,893	1,906	13,516	15,422	(7,872)	1990	9/28/1998
132 National Business Parkway (O)	Annapolis Junction, MD	—	2,917	12,259	4,876	2,917	17,135	20,052	(11,075)	2000	5/28/1999
133 National Business Parkway (O)	Annapolis Junction, MD	—	2,517	10,068	6,731	2,517	16,799	19,316	(10,935)	1997	9/28/1998
134 National Business Parkway (O)	Annapolis Junction, MD	—	3,684	7,517	5,726	3,684	13,243	16,927	(8,014)	1999	11/13/1998
1340 Ashton Road (O)	Hanover, MD	—	905	3,620	2,540	905	6,160	7,065	(3,423)	1989	4/28/1999
13450 Sunrise Valley Drive (O)	Hemdon, VA	—	1,386	5,576	4,952	1,386	10,528	11,914	(6,583)	1998	7/25/2003
13454 Sunrise Valley Drive (O)	Hemdon, VA	—	2,847	11,986	9,240	2,847	21,226	24,073	(12,918)	1998	7/25/2003
135 National Business Parkway (O)	Annapolis Junction, MD	—	2,484	9,750	7,003	2,484	16,753	19,237	(10,779)	1998	12/30/1998
1362 Mellon Road (O)	Hanover, MD	—	950	3,864	1,632	950	5,496	6,446	(1,193)	2006	2/10/2006
13857 McLearn Road (O)	Hemdon, VA	—	3,507	30,177	4,915	3,507	35,092	38,599	(13,842)	2007	7/11/2012
140 National Business Parkway (O)	Annapolis Junction, MD	—	3,407	24,167	1,784	3,407	25,951	29,358	(11,646)	2003	12/31/2003
141 National Business Parkway (O)	Annapolis Junction, MD	—	2,398	9,538	4,832	2,398	14,370	16,768	(9,758)	1990	9/28/1998
14280 Park Meadow Drive (O)	Chantilly, VA	—	3,731	15,953	5,500	3,731	21,453	25,184	(10,469)	1999	9/29/2004
1460 Dorsey Road (L)	Hanover, MD	—	1,577	115	—	1,577	115	1,692	—	(6)	2/28/2006
14840 Conference Center Drive (O)	Chantilly, VA	—	1,572	8,175	5,730	1,572	13,905	15,477	(7,895)	2000	7/25/2003
14850 Conference Center Drive (O)	Chantilly, VA	—	1,615	8,358	5,345	1,615	13,703	15,318	(7,455)	2000	7/25/2003
14900 Conference Center Drive (O)	Chantilly, VA	—	3,436	14,402	9,282	3,436	23,684	27,120	(14,024)	1999	7/25/2003
1501 South Clinton Street (O)	Baltimore, MD	—	27,964	51,990	23,731	27,964	75,721	103,685	(31,475)	2006	10/27/2009
15049 Conference Center Drive (O)	Chantilly, VA	—	4,415	20,365	17,846	4,415	38,211	42,626	(20,360)	1997	8/14/2002
15059 Conference Center Drive (O)	Chantilly, VA	—	5,753	13,615	4,543	5,753	18,158	23,911	(10,774)	2000	8/14/2002
1550 West Nursery Road (O)	Linthicum, MD	—	14,071	16,930	—	14,071	16,930	31,001	(6,678)	2009	10/28/2009
1560 West Nursery Road (O)	Linthicum, MD	—	1,441	113	—	1,441	113	1,554	(22)	2014	10/28/2009
1610 West Nursery Road (O)	Linthicum, MD	—	259	246	—	259	246	505	(29)	2016	4/30/1998
1616 West Nursery Road (O)	Linthicum, MD	—	393	3,323	75	393	3,398	3,791	(358)	2017	4/30/1998
1622 West Nursery Road (O)	Linthicum, MD	—	393	2,542	—	393	2,542	2,935	(308)	2016	4/30/1998
16442 Commerce Drive (O)	Dahlgren, VA	—	613	2,582	1,135	613	3,717	4,330	(1,988)	2002	12/21/2004
16480 Commerce Drive (O)	Dahlgren, VA	—	1,856	7,425	2,619	1,856	10,044	11,900	(4,754)	2000	12/28/2004

Property (Type) (1)	Location	Encumbrances (2)	Initial Cost		Costs Capitalized Subsequent to Acquisition	Gross Amounts Carried At Close of Period			Accumulated Depreciation (4)	Year Built or Renovated	Date Acquired (5)
			Land	Building and Land Improvements		Land	Building and Land Improvements	Total (3)			
16501 Commerce Drive (O)	Dahlgren, VA	—	522	2,090	1,040	522	3,130	3,652	(1,544)	2002	12/21/2004
16539 Commerce Drive (O)	Dahlgren, VA	—	688	2,860	2,326	688	5,186	5,874	(3,058)	1990	12/21/2004
16541 Commerce Drive (O)	Dahlgren, VA	—	773	3,094	2,596	773	5,690	6,463	(2,989)	1996	12/21/2004
16543 Commerce Drive (O)	Dahlgren, VA	—	436	1,742	838	436	2,580	3,016	(1,348)	2002	12/21/2004
1751 Pinnacle Drive (O)	McLean, VA	—	10,486	42,339	33,825	10,486	76,164	86,650	(42,720)	1989/1995	9/23/2004
1753 Pinnacle Drive (O)	McLean, VA	—	8,275	34,353	24,092	8,275	58,445	66,720	(28,325)	1976/2004	9/23/2004
206 Research Boulevard (O)	Aberdeen, MD	—	—	—	—	—	—	—	—	2012	9/14/2007
209 Research Boulevard (O)	Aberdeen, MD	—	134	1,711	543	134	2,254	2,388	(687)	2010	9/14/2007
210 Research Boulevard (O)	Aberdeen, MD	—	113	1,402	426	113	1,828	1,941	(543)	2010	9/14/2007
2100 L Street (O)	Washington, DC	—	57,385	94,152	—	57,385	94,152	151,537	(1,987)	2020	8/11/2015
2100 Rideout Road (O)	Huntsville, AL	—	—	7,336	2,995	—	10,331	10,331	(2,274)	2016	3/23/2010
22289 Exploration Drive (O)	Lexington Park, MD	—	1,422	5,719	2,129	1,422	7,848	9,270	(4,369)	2000	3/24/2004
22299 Exploration Drive (O)	Lexington Park, MD	—	1,362	5,791	3,049	1,362	8,840	10,202	(5,297)	1998	3/24/2004
22300 Exploration Drive (O)	Lexington Park, MD	—	1,094	5,038	2,770	1,094	7,808	8,902	(4,134)	1997	11/9/2004
22309 Exploration Drive (O)	Lexington Park, MD	—	2,243	10,419	8,114	2,243	18,533	20,776	(8,947)	1984/1997	3/24/2004
23535 Cottonwood Parkway (O)	California, MD	—	692	3,051	648	692	3,699	4,391	(2,193)	1984	3/24/2004
250 W Pratt St (O)	Baltimore, MD	—	8,057	34,588	18,482	8,057	53,070	61,127	(18,418)	1985	3/19/2015
2600 Park Tower Drive (O)	Vienna, VA	—	20,284	34,443	4,621	20,284	39,064	59,348	(8,392)	1999	4/15/2015
2691 Technology Drive (O)	Annapolis Junction, MD	—	2,098	17,334	5,565	2,098	22,899	24,997	(12,224)	2005	5/26/2000
2701 Technology Drive (O)	Annapolis Junction, MD	—	1,737	15,266	7,033	1,737	22,299	24,036	(13,380)	2001	5/26/2000
2711 Technology Drive (O)	Annapolis Junction, MD	—	2,251	21,611	4,335	2,251	25,946	28,197	(14,988)	2002	11/13/2000
2720 Technology Drive (O)	Annapolis Junction, MD	—	3,863	29,272	2,897	3,863	32,169	36,032	(14,204)	2004	1/31/2002
2721 Technology Drive (O)	Annapolis Junction, MD	—	4,611	14,597	3,783	4,611	18,380	22,991	(10,792)	2000	10/21/1999
2730 Hercules Road (O)	Annapolis Junction, MD	—	8,737	31,612	8,998	8,737	40,610	49,347	(23,935)	1990	9/28/1998
30 Light Street (O)	Baltimore, MD	—	—	12,101	1,008	—	13,109	13,109	(2,308)	2009	8/7/2015
300 Secured Gateway (O)	Annapolis Junction, MD	—	—	3,128	—	—	3,128	3,128	—	(7)	3/23/2010
300 Sentinel Drive (O)	Annapolis Junction, MD	—	1,517	59,165	2,569	1,517	61,734	63,251	(18,370)	2009	11/14/2003
302 Sentinel Drive (O)	Annapolis Junction, MD	—	2,648	29,687	2,293	2,648	31,980	34,628	(10,987)	2007	11/14/2003
304 Sentinel Drive (O)	Annapolis Junction, MD	—	3,411	24,917	4,875	3,411	29,792	33,203	(12,067)	2005	11/14/2003
306 Sentinel Drive (O)	Annapolis Junction, MD	—	3,260	22,592	3,303	3,260	25,895	29,155	(10,098)	2006	11/14/2003
308 Sentinel Drive (O)	Annapolis Junction, MD	—	1,422	26,208	2,354	1,422	28,562	29,984	(7,882)	2010	11/14/2003
310 Sentinel Way (O)	Annapolis Junction, MD	—	2,372	42,591	—	2,372	42,591	44,963	(6,103)	2016	11/14/2003
310 The Bridge Street (O)	Huntsville, AL	—	261	26,530	5,227	261	31,757	32,018	(12,236)	2009	8/9/2011
312 Sentinel Way (O)	Annapolis Junction, MD	—	3,138	27,797	—	3,138	27,797	30,935	(5,084)	2014	11/14/2003
314 Sentinel Way (O)	Annapolis Junction, MD	—	1,254	7,741	—	1,254	7,741	8,995	(1,480)	2008	11/14/2003
316 Sentinel Way (O)	Annapolis Junction, MD	—	2,748	38,156	193	2,748	38,349	41,097	(9,410)	2011	11/14/2003
318 Sentinel Way (O)	Annapolis Junction, MD	—	2,185	28,426	560	2,185	28,986	31,171	(11,482)	2005	11/14/2003

Property (Type) (1)	Location	Encumbrances (2)	Initial Cost		Costs Capitalized Subsequent to Acquisition	Gross Amounts Carried At Close of Period			Accumulated Depreciation (4)	Year Built or Renovated	Date Acquired (5)
			Land	Building and Land Improvements		Land	Building and Land Improvements	Total (3)			
320 Sentinel Way (O)	Annapolis Junction, MD	—	2,067	21,623	127	2,067	21,750	23,817	(7,606)	2007	11/14/2003
322 Sentinel Way (O)	Annapolis Junction, MD	—	2,605	22,827	1,910	2,605	24,737	27,342	(9,329)	2006	11/14/2003
324 Sentinel Way (O)	Annapolis Junction, MD	—	1,656	23,018	6	1,656	23,024	24,680	(6,531)	2010	6/29/2006
4000 Market Street (O)	Huntsville, AL	6,052	—	9,187	—	—	9,187	9,187	(626)	2018	3/23/2010
410 National Business Parkway (O)	Annapolis Junction, MD	—	1,831	23,257	2,259	1,831	25,516	27,347	(6,032)	2012	6/29/2006
4100 Market Street (O)	Huntsville, AL	5,269	—	8,020	7	—	8,027	8,027	(506)	2019	3/23/2010
420 National Business Parkway (O)	Annapolis Junction, MD	—	2,370	29,534	148	2,370	29,682	32,052	(5,467)	2013	6/29/2006
430 National Business Parkway (O)	Annapolis Junction, MD	—	1,852	21,563	1,893	1,852	23,456	25,308	(5,746)	2011	6/29/2006
44408 Pecan Court (O)	California, MD	—	817	1,583	1,751	817	3,334	4,151	(1,983)	1986	3/24/2004
44414 Pecan Court (O)	California, MD	—	405	1,619	1,138	405	2,757	3,162	(1,686)	1986	3/24/2004
44417 Pecan Court (O)	California, MD	—	434	3,822	180	434	4,002	4,436	(2,195)	1989/2015	3/24/2004
44420 Pecan Court (O)	California, MD	—	344	890	291	344	1,181	1,525	(607)	1989	11/9/2004
44425 Pecan Court (O)	California, MD	—	1,309	3,506	2,394	1,309	5,900	7,209	(3,757)	1997	5/5/2004
45310 Abell House Lane (O)	California, MD	—	2,272	13,808	878	2,272	14,686	16,958	(3,888)	2011	8/30/2010
4600 River Road (O)	College Park, MD	—	—	24,032	—	—	24,032	24,032	(436)	2020	1/29/2008
46579 Expedition Drive (O)	Lexington Park, MD	—	1,406	5,796	2,874	1,406	8,670	10,076	(4,563)	2002	3/24/2004
46591 Expedition Drive (O)	Lexington Park, MD	—	1,200	7,199	3,408	1,200	10,607	11,807	(4,557)	2005	3/24/2004
4851 Stonecroft Boulevard (O)	Chantilly, VA	—	1,878	11,558	194	1,878	11,752	13,630	(5,001)	2004	8/14/2002
540 National Business Parkway (O)	Annapolis Junction, MD	—	2,035	31,249	41	2,035	31,290	33,325	(3,321)	2017	6/29/2006
5520 Research Park Drive (O)	Catonsville, MD	—	—	20,072	1,757	—	21,829	21,829	(7,078)	2009	4/4/2006
5522 Research Park Drive (O)	Catonsville, MD	—	—	4,550	855	—	5,405	5,405	(1,851)	2007	3/8/2006
560 National Business Parkway (O)	Annapolis Junction, MD	—	2,193	28,973	—	2,193	28,973	31,166	—	(7)	6/29/2006
5801 University Research Court (O)	College Park, MD	11,120	—	17,431	144	—	17,575	17,575	(1,772)	2018	1/29/2008
5825 University Research Court (O)	College Park, MD	19,552	—	22,771	1,678	—	24,449	24,449	(8,014)	2008	1/29/2008
5850 University Research Court (O)	College Park, MD	20,686	—	31,906	894	—	32,800	32,800	(9,746)	2008	1/29/2008
6000 Redstone Gateway (O)	Huntsville, AL	—	—	8,550	—	—	8,550	8,550	(201)	2020	3/23/2010
610 Guardian Way (O)	Annapolis Junction, MD	—	7,636	49,873	—	7,636	49,873	57,509	(276)	2021	6/29/2006
6200 Redstone Gateway (O)	Huntsville, AL	—	—	14,067	—	—	14,067	14,067	—	(7)	3/23/2010
6700 Alexander Bell Drive (O)	Columbia, MD	—	1,755	7,019	9,541	1,755	16,560	18,315	(9,466)	1988	5/14/2001
6708 Alexander Bell Drive (O)	Columbia, MD	—	897	12,693	1,618	897	14,311	15,208	(4,956)	1988/2016	5/14/2001
6711 Columbia Gateway Drive (O)	Columbia, MD	—	2,683	23,239	2,258	2,683	25,497	28,180	(9,995)	2006-2007	9/28/2000
6716 Alexander Bell Drive (O)	Columbia, MD	—	1,242	4,969	4,672	1,242	9,641	10,883	(6,399)	1990	12/31/1998
6721 Columbia Gateway Drive (O)	Columbia, MD	—	1,753	34,090	7,318	1,753	41,408	43,161	(11,406)	2009	9/28/2000
6724 Alexander Bell Drive (O)	Columbia, MD	—	449	5,039	2,492	449	7,531	7,980	(4,042)	2001	5/14/2001
6731 Columbia Gateway Drive (O)	Columbia, MD	—	2,807	19,098	5,689	2,807	24,787	27,594	(14,085)	2002	3/29/2000
6740 Alexander Bell Drive (O)	Columbia, MD	—	1,424	4,209	757	1,424	4,966	6,390	(2,627)	1992	12/31/1998
6741 Columbia Gateway Drive (O)	Columbia, MD	—	675	1,711	176	675	1,887	2,562	(715)	2008	9/28/2000

Property (Type) (1)	Location	Initial Cost			Gross Amounts Carried At Close of Period			Accumulated Depreciation (4)	Year Built or Renovated	Date Acquired (5)	
		Encumbrances (2)	Land	Building and Land Improvements	Costs Capitalized Subsequent to Acquisition	Land	Building and Land Improvements				Total (3)
6750 Alexander Bell Drive (O)	Columbia, MD	—	1,263	12,461	5,856	1,263	18,317	19,580	(11,133)	2001	12/31/1998
6760 Alexander Bell Drive (O)	Columbia, MD	—	890	3,561	3,915	890	7,476	8,366	(5,115)	1991	12/31/1998
6940 Columbia Gateway Drive (O)	Columbia, MD	—	3,545	9,916	9,227	3,545	19,143	22,688	(11,631)	1999	11/13/1998
6950 Columbia Gateway Drive (O)	Columbia, MD	—	3,596	28,312	3,223	3,596	31,535	35,131	(12,711)	1998/2019	10/22/1998
7000 Columbia Gateway Drive (O)	Columbia, MD	—	3,131	12,103	8,551	3,131	20,654	23,785	(10,921)	1999	5/31/2002
7000 Redstone Gateway (O)	Huntsville, AL	—	—	897	—	—	897	897	—	(7)	3/23/2010
7005 Columbia Gateway Drive (L)	Columbia, MD	—	3,036	747	—	3,036	747	3,783	—	(6)	6/26/2014
7015 Albert Einstein Drive (O)	Columbia, MD	—	2,058	6,093	3,560	2,058	9,653	11,711	(5,005)	1999	12/1/2005
7061 Columbia Gateway Drive (O)	Columbia, MD	—	729	3,094	2,884	729	5,978	6,707	(3,608)	2000	8/30/2001
7063 Columbia Gateway Drive (O)	Columbia, MD	—	902	3,684	3,470	902	7,154	8,056	(4,721)	2000	8/30/2001
7065 Columbia Gateway Drive (O)	Columbia, MD	—	919	3,763	3,145	919	6,908	7,827	(4,703)	2000	8/30/2001
7067 Columbia Gateway Drive (O)	Columbia, MD	—	1,829	11,823	6,683	1,829	18,506	20,335	(9,409)	2001	8/30/2001
7100 Redstone Gateway (O)	Huntsville, AL	—	—	12,975	—	—	12,975	12,975	(204)	2021	3/23/2010
7125 Columbia Gateway Drive (O)	Columbia, MD	—	20,487	49,844	24,637	20,487	74,481	94,968	(30,038)	1973/1999	6/29/2006
7130 Columbia Gateway Drive (O)	Columbia, MD	—	1,350	4,359	3,029	1,350	7,388	8,738	(4,101)	1989	9/19/2005
7134 Columbia Gateway Drive (O)	Columbia, MD	—	704	4,700	729	704	5,429	6,133	(1,988)	1990/2016	9/19/2005
7138 Columbia Gateway Drive (O)	Columbia, MD	—	1,104	3,518	2,963	1,104	6,481	7,585	(4,286)	1990	9/19/2005
7142 Columbia Gateway Drive (O)	Columbia, MD	—	1,342	7,148	2,771	1,342	9,919	11,261	(4,494)	1994/2018	9/19/2005
7150 Columbia Gateway Drive (O)	Columbia, MD	—	1,032	3,429	1,705	1,032	5,134	6,166	(1,938)	1991	9/19/2005
7150 Riverwood Drive (O)	Columbia, MD	—	1,821	4,388	1,953	1,821	6,341	8,162	(3,162)	2000	1/10/2007
7160 Riverwood Drive (O)	Columbia, MD	—	2,732	7,006	4,609	2,732	11,615	14,347	(5,300)	2000	1/10/2007
7170 Riverwood Drive (O)	Columbia, MD	—	1,283	3,096	2,387	1,283	5,483	6,766	(2,787)	2000	1/10/2007
7175 Riverwood Drive (O)	Columbia, MD	—	1,788	7,269	—	1,788	7,269	9,057	(1,479)	1996/2013	7/27/2005
7200 Redstone Gateway (O)	Huntsville, AL	—	—	8,348	81	—	8,429	8,429	(1,611)	2013	3/23/2010
7200 Riverwood Drive (O)	Columbia, MD	—	4,089	22,630	4,693	4,089	27,323	31,412	(13,365)	1986	10/13/1998
7205 Riverwood Drive (O)	Columbia, MD	—	1,367	21,419	—	1,367	21,419	22,786	(4,523)	2013	7/27/2005
7272 Park Circle Drive (O)	Hanover, MD	—	1,479	6,300	4,609	1,479	10,909	12,388	(5,971)	1991/1996	1/10/2007
7318 Parkway Drive (O)	Hanover, MD	—	972	3,888	1,647	972	5,535	6,507	(3,120)	1984	4/16/1999
7400 Redstone Gateway (O)	Huntsville, AL	—	—	9,223	75	—	9,298	9,298	(1,519)	2015	3/23/2010
7467 Ridge Road (O)	Hanover, MD	—	1,565	3,116	5,997	1,565	9,113	10,678	(4,585)	1990	4/28/1999
7500 Advanced Gateway (O)	Huntsville, AL	—	—	18,663	—	—	18,663	18,663	(734)	2020	3/23/2010
7600 Advanced Gateway (O)	Huntsville, AL	—	—	13,752	—	—	13,752	13,752	(482)	2020	3/23/2010
7740 Milestone Parkway (O)	Hanover, MD	16,432	3,825	34,176	1,254	3,825	35,430	39,255	(10,226)	2009	7/2/2007
7770 Backlick Road (O)	Springfield, VA	—	6,387	78,891	1,528	6,387	80,419	86,806	(17,275)	2012	3/10/2010
7880 Milestone Parkway (O)	Hanover, MD	—	4,857	26,836	1,338	4,857	28,174	33,031	(4,132)	2015	9/17/2013
8000 Rideout Road (O)	Huntsville, AL	—	—	21,667	—	—	21,667	21,667	(53)	2021 (7)	3/23/2010
8200 Rideout Road (O) (8)	Huntsville, AL	—	—	16,890	—	—	16,890	16,890	—	(7)	3/23/2010

Property (Type) (1)	Location	Initial Cost			Gross Amounts Carried At Close of Period			Accumulated Depreciation (4)	Year Built or Renovated	Date Acquired (5)	
		Encumbrances (2)	Land	Building and Land Improvements	Costs Capitalized Subsequent to Acquisition	Land	Building and Land Improvements				Total (3)
8300 Rideout Road (O) (8)	Huntsville, AL	—	—	18,301	—	—	18,301	18,301	—	(7)	3/23/2010
8600 Advanced Gateway (O)	Huntsville, AL	—	—	27,298	—	—	27,298	27,298	(711)	2020	3/23/2010
8621 Robert Fulton Drive (O)	Columbia, MD	—	2,317	12,642	6,191	2,317	18,833	21,150	(8,822)	2005-2006	6/10/2005
8661 Robert Fulton Drive (O)	Columbia, MD	—	1,510	3,764	3,302	1,510	7,066	8,576	(3,825)	2002	12/30/2003
8671 Robert Fulton Drive (O)	Columbia, MD	—	1,718	4,280	4,294	1,718	8,574	10,292	(5,066)	2002	12/30/2003
870 Elkridge Landing Road (O)	Linthicum, MD	—	2,003	9,442	10,464	2,003	19,906	21,909	(12,706)	1981	8/3/2001
8800 Redstone Gateway (O)	Huntsville, AL	11,679	—	18,465	—	—	18,465	18,465	(974)	2019	3/23/2010
891 Elkridge Landing Road (O)	Linthicum, MD	—	1,165	4,772	3,844	1,165	8,616	9,781	(5,472)	1984	7/2/2001
901 Elkridge Landing Road (O)	Linthicum, MD	—	1,156	4,437	6,034	1,156	10,471	11,627	(5,115)	1984	7/2/2001
911 Elkridge Landing Road (O)	Linthicum, MD	—	1,215	4,861	3,307	1,215	8,168	9,383	(5,116)	1985	4/30/1998
938 Elkridge Landing Road (O)	Linthicum, MD	—	922	4,748	1,534	922	6,282	7,204	(3,420)	1984	7/2/2001
939 Elkridge Landing Road (O)	Linthicum, MD	—	939	3,756	4,470	939	8,226	9,165	(6,064)	1983	4/30/1998
9651 Hornbaker Road (D) (9)	Manassas, VA	—	6,050	250,407	17,785	6,050	268,192	274,242	(82,385)	2010	9/14/2010
Arundel Preserve (L)	Hanover, MD	—	13,352	9,717	—	13,352	9,717	23,069	—	(6)	7/2/2007
Canton Crossing Land (L)	Baltimore, MD	—	17,285	8,409	227	17,285	8,636	25,921	—	(6)	10/27/2009
Canton Crossing Util Distr Ctr (O)	Baltimore, MD	—	6,100	10,450	1,689	6,100	12,139	18,239	(6,887)	2006	10/27/2009
Columbia Gateway - Southridge (L)	Columbia, MD	—	6,387	3,722	—	6,387	3,722	10,109	—	(6)	9/20/2004
Dahlgren Technology Center (L)	Dahlgren, VA	—	978	178	—	978	178	1,156	—	(6)	3/16/2005
Expedition VII (O)	Lexington Park, MD	—	705	7,208	—	705	7,208	7,913	—	(7)	3/24/2004
IN 1 (O)	Northern Virginia	—	1,815	16,017	—	1,815	16,017	17,832	(1,136)	2019	8/31/2016
IN 2 (O)	Northern Virginia	—	2,627	28,936	—	2,627	28,936	31,563	(1,804)	2019	8/31/2016
M Square Research Park (L)	College Park, MD	—	—	2,417	—	—	2,417	2,417	—	(6)	1/29/2008
MR Land (L)	Northern Virginia	—	9,038	554	—	9,038	554	9,592	—	(6)	11/8/2018
National Business Park North (L)	Annapolis Junction, MD	—	18,232	36,875	—	18,232	36,875	55,107	—	(6)	6/29/2006
North Gate Business Park (L)	Aberdeen, MD	—	1,755	5	—	1,755	5	1,760	—	(6)	9/14/2007
NoVA Office A (O) (8)	Chantilly, VA	—	2,096	46,849	—	2,096	46,849	48,945	(8,096)	2015	7/18/2002
NoVA Office B (O) (8)	Chantilly, VA	—	739	38,376	—	739	38,376	39,115	(4,715)	2016	7/18/2002
NoVA Office C (O) (8)	Chantilly, VA	—	7,751	78,907	—	7,751	78,907	86,658	(477)	2021	7/18/2002
NoVA Office D (O) (8)	Chantilly, VA	—	6,587	40,559	—	6,587	40,559	47,146	(4,466)	2017	7/2/2013
Oak Grove A (O)	Northern Virginia	—	12,866	34,814	—	12,866	34,814	47,680	(1,358)	2020	11/1/2018
Oak Grove B (O)	Northern Virginia	—	12,866	41,083	—	12,866	41,083	53,949	(1,832)	2019	11/1/2018
Oak Grove C (O)	Northern Virginia	—	9,491	64,671	—	9,491	64,671	74,162	—	(7)	11/1/2018
Oak Grove Phase II (L)	Northern Virginia	—	13,992	13,820	—	13,992	13,820	27,812	—	(6)	11/1/2018
Old Annapolis Road (O)	Columbia, MD	—	1,637	5,500	6,755	1,637	12,255	13,892	(5,362)	1974/1985	12/14/2000
P2 A (O)	Northern Virginia	—	16,853	40,132	—	16,853	40,132	56,985	(1,739)	2020	5/2/2019
P2 B (O)	Northern Virginia	—	22,839	36,362	—	22,839	36,362	59,201	(1,194)	2020	5/2/2019
P2 C (O)	Northern Virginia	—	14,869	31,482	—	14,869	31,482	46,351	(828)	2020	5/2/2019

Property (Type) (1)	Location	Initial Cost			Gross Amounts Carried At Close of Period			Accumulated Depreciation (4)	Year Built or Renovated	Date Acquired (5)	
		Encumbrances (2)	Land	Building and Land Improvements	Costs Capitalized Subsequent to Acquisition	Land	Building and Land Improvements				Total (3)
Patriot Ridge (L)	Springfield, VA	—	18,517	14,573	—	18,517	14,573	33,090	—	(6)	3/10/2010
Project EL (O)	Confidential-USA	—	7,430	45,226	—	7,430	45,226	52,656	(552)	2021	1/20/2006
Project EX (O) (10)	Confidential-USA	—	13,010	19,097	—	13,010	19,097	32,107	(1,174)	2018	7/16/2008
PS A (O)	Northern Virginia	—	4,078	2,200	—	4,078	2,200	6,278	—	(7)	1/27/2005
PS B (O)	Northern Virginia	—	3,468	1,940	—	3,468	1,940	5,408	—	(7)	1/27/2005
Redstone Gateway (L)	Huntsville, AL	—	—	29,937	—	—	29,937	29,937	—	(6)	3/23/2010
Sentry Gateway - T (O)	San Antonio, TX	—	14,020	38,804	13	14,020	38,817	52,837	(14,443)	1982/2008	3/30/2005
Sentry Gateway - V (O)	San Antonio, TX	—	—	1,066	—	—	1,066	1,066	(348)	2007	3/30/2005
Sentry Gateway - W (O)	San Antonio, TX	—	—	1,884	71	—	1,955	1,955	(599)	2009	3/30/2005
Sentry Gateway - X (O)	San Antonio, TX	—	1,964	21,178	—	1,964	21,178	23,142	(5,905)	2010	1/20/2006
Sentry Gateway - Y (O)	San Antonio, TX	—	1,964	21,298	—	1,964	21,298	23,262	(5,940)	2010	1/20/2006
Sentry Gateway - Z (O)	San Antonio, TX	—	1,964	30,573	—	1,964	30,573	32,537	(5,203)	2015	6/14/2005
SP Manassas (L)	Manassas, VA	—	8,156	300	—	8,156	300	8,456	—	(6)	7/24/2019
Westfields - Park Center (L)	Chantilly, VA	—	8,667	3,155	—	8,667	3,155	11,822	—	(6)	7/2/2013
Other Developments, including intercompany eliminations (V)	Various	—	—	506	259	—	765	765	(115)	Various	Various
		\$	121,425	\$ 720,485	\$ 3,635,390	\$ 603,834	\$ 720,485	\$ 4,239,224	\$ 4,959,709	\$ (1,234,908)	

- (1) A legend for the Property Type follows: (O) = Office or Data Center Shell Property; (L) = Land held or pre-development; (D) = Wholesale Data Center; and (V) = Various.
- (2) Excludes our Revolving Credit Facility of \$76.0 million, term loan facilities of \$299.4 million, unsecured senior notes of \$1.8 billion, unsecured notes payable of \$753,000, and deferred financing costs, net of premiums, on the remaining loans of \$798,000.
- (3) The aggregate cost of these assets for Federal income tax purposes was approximately \$3.7 billion as of December 31, 2021.
- (4) The estimated lives over which depreciation is recognized follow: Building and land improvements: 10-40 years; and tenant improvements: related lease terms.
- (5) The acquisition date of multi-parcel properties reflects the date of the earliest parcel acquisition. The acquisition date of properties owned through real estate joint ventures reflects the date of the formation of the joint venture.
- (6) Held as of December 31, 2021.
- (7) Under development as of December 31, 2021.
- (8) The carrying amounts of these properties exclude allocated costs of the garage being constructed to support the properties.
- (9) Classified as held for sale as of December 31, 2021.
- (10) This property represents land under a long-term contract.

The following table summarizes our changes in cost of properties for the years ended December 31, 2021, 2020 and 2019 (in thousands):

	2021	2020	2019
Beginning balance	\$ 4,686,802	\$ 4,348,006	\$ 4,148,529
Improvements and other additions	342,684	405,940	480,418
Sales (1)	(103,097)	(65,475)	(242,497)
Impairments	—	(1,530)	(329)
Other dispositions	(4,511)	(139)	(340)
Reclassification from (to) right-of-use asset	37,831	—	(37,775)
Ending balance	<u>\$ 4,959,709</u>	<u>\$ 4,686,802</u>	<u>\$ 4,348,006</u>

The following table summarizes our changes in accumulated depreciation for the same time periods (in thousands):

	2021	2020	2019
Beginning balance	\$ 1,124,253	\$ 1,007,120	\$ 897,903
Depreciation expense	130,604	119,377	117,973
Sales (1)	(15,438)	(2,105)	(8,416)
Other dispositions	(4,511)	(139)	(340)
Ending balance	<u>\$ 1,234,908</u>	<u>\$ 1,124,253</u>	<u>\$ 1,007,120</u>

(1) Includes our sale, through a series of transactions, of ownership interests in data center shells through newly-formed unconsolidated real estate joint ventures, as described in Note 4 to our consolidated financial statements.

Exhibit 10.9



Corporate Office Properties Trust
6711 Columbia Gateway Drive, Suite 300
Columbia, MD 21046
443.285.5400 // copt.com
NYSE: OFC

LETTER AGREEMENT

November 1, 2021

Dear Greg:

We are pleased to inform you that the Board of Trustees of Corporate Office Properties Trust (the “Company”) has determined that, effective as of **November 1, 2021** (the “Participation Date”), you are eligible to participate in the Corporate Office Properties Trust, Corporate Office Properties L.P. Executive Change in Control and Severance Plan (the “Plan”) as a Covered Executive, subject to the terms and conditions of the Plan, for a period of **1 year** from the Participation Date (the “Participation Period”), at which point you will cease to participate in the Plan unless otherwise agreed by you, the Company and the Employer. Capitalized terms used herein and not defined herein shall have the meanings given to such terms in the Plan.

The terms of the Plan are detailed in the copy of the Plan that is attached as Exhibit A to this Letter Agreement, and those terms, including without limitation, Sections 6 and 7 of the Plan, are incorporated in and made a part of this Letter Agreement. As described in more detail in the Plan, the Plan entitles you to certain severance benefits in the event that your employment with the Employer terminates under certain circumstances. By signing this Letter Agreement and as a condition of your eligibility for the payments and benefits set forth in the Plan, you agree to comply with the provisions of the Plan and you agree to comply with the provisions of the confidentiality, non-competition, non-solicitation and non-disparagement requirements set forth on Exhibit B to this Letter Agreement (collectively the “Restrictive Covenants”) during your employment and, to the extent required by the Restrictive Covenants, after your employment ends regardless of the reason for the ending of such employment (and regardless of whether such termination occurs during the Participation Period); provided that, unless otherwise agreed by you, the provisions of Section 2(a) of the Restrictive Covenants (i.e., the Non-Competition Covenant, as defined therein) will not apply following a termination of your employment in the event that such termination occurs after the end of the Participation Period. Your Termination Payment Multiple shall be **1.00**, your Change in Control Termination Payment Multiple shall be **2.00**, and your Maximum Medical Benefit Continuation Period shall be **12 months**.

This Letter Agreement and the Plan constitute the entire agreement between you and the Company with respect to the subject matter hereof and supersede in all respects any and all prior agreements between you and the Company concerning such subject matter.

By signing below, you agree to the terms and conditions of the Restrictive Covenants set forth on Exhibit B hereto, and acknowledge (i) your participation in the Plan pursuant to this Letter Agreement as of the Participation Date, (ii) that you have received and read a copy of the Plan, (iii) that you agree that any termination benefits provided for in the Plan are subject to all of the terms and conditions of the Plan and you agree to such terms and conditions, (iv) that the Company and the Employer may amend or terminate the Plan at any time, and (v) that the Restrictive Covenants shall survive and continue to apply notwithstanding (a) any amendment or termination of the Plan (or the benefits to be provided thereunder) in the future or (b) except as set forth above with respect to the Non-Competition Covenant, the expiration of the Participation Period.

Congratulations on being selected to participate in the Plan.

“Employer”

Corporate Office Properties L.P., a Delaware limited partnership

By: Corporate Office Properties Trust, a Maryland real estate investment trust

By: /s/ Stephen E. Budorick

Name: **Stephen E. Budorick**

Title: President + CEO

“Company”

Corporate Office Properties Trust, a Maryland real estate investment trust

By: /s/ Stephen E. Budorick

Name: **Stephen E. Budorick**

Title: President + CEO

AGREED TO AND ACCEPTED

/s/ Gregory J. Thor

Gregory J. Thor

EXHIBIT A
TO THE LETTER AGREEMENT

**[See the Plan filed as Exhibit 10.1 to the Quarterly Report on Form 10-Q of Corporate Office Properties Trust for the Quarter Ended
June 30, 2021.]**

EXHIBIT B
TO THE LETTER AGREEMENT

Restrictive Covenants

Capitalized terms used herein but not defined herein shall have the meanings given to such terms in the Corporate Office Properties Trust, Corporate Office Properties L.P. Executive Change in Control and Severance Plan (the "Plan") and in the Letter Agreement under the Plan to which this Exhibit B is attached. In consideration of, among other things, the Covered Executive's participation in the Plan and continued employment by the Employer, the Covered Executive agrees to comply with the covenants, terms and conditions set forth below. The Covered Executive acknowledges that the covenants, terms and conditions set forth below will continue to apply notwithstanding any amendment or termination of the Plan (or the benefits to be provided thereunder) in the future.

1. Confidentiality and Loyalty. The Covered Executive acknowledges that heretofore or hereafter during the course of the Covered Executive's employment the Covered Executive has produced and received, and may hereafter produce, receive and otherwise have access to various materials, records, data, trade secrets and information not generally available to the public (collectively, "Confidential Information") regarding the Employer and its subsidiaries and affiliates. Accordingly, during and subsequent to termination of the Covered Executive's employment with the Employer, the Covered Executive shall hold in confidence and not directly or indirectly disclose, use, copy or make lists of any such Confidential Information, except to the extent that such information is or thereafter becomes lawfully available from public sources, or such disclosure is authorized in writing by the Employer, required by law or by any competent administrative agency or judicial authority, or otherwise as reasonably necessary or appropriate in connection with the performance by the Covered Executive of the Covered Executive's duties hereunder. All records, files, documents, computer diskettes, computer programs and other computer-generated material, as well as all other materials or copies thereof relating to the business of the Employer, which the Covered Executive shall prepare or use, shall be and remain the sole property of the Employer, shall not be removed from the Employer's premises without its written consent, and shall be promptly returned to the Employer upon termination of the Covered Executive's employment. The Covered Executive agrees to abide by the reasonable policies of the Employer, as in effect from time to time, respecting confidentiality and the avoidance of interests conflicting with those of the Employer.

2. Non-Competition; Non-Solicitation; Non-Disparagement.

(a) Non-Competition. The Employer and the Covered Executive have jointly reviewed the tenant lists, property submittals, logs, broker lists, and operations of the Employer, and have agreed that as an essential ingredient of and in consideration of the Covered Executive's participation in the Plan, the Covered Executive hereby agrees that, except with the express prior written consent of the Employer, while the Covered Executive is employed by the Employer and for a period of 12 months after the termination of the Covered Executive's employment with the Employer for any reason (the "Restrictive Period"), the Covered Executive will not directly or indirectly compete with the business of the Employer, including, but not by

way of limitation, by directly or indirectly owning, managing, operating, controlling, financing, investing, or by directly or indirectly (including, but not limited to, through a joint venture) serving as an employee, officer, trustee or director of or consultant or other external advisor to a Similar Business (as defined below) (the “Non-Competition Covenant”). For purposes of this paragraph (a), a business shall be considered to be a “Similar Business” as of a particular date if it is engaged in the ownership, development, operation, management or leasing of real estate in any geographic market or submarket in which the Employer either (i) owned, developed, operated or leased, collectively, more than 1,000,000 square feet of property of the same or similar type (e.g., office, data center, industrial, residential or self-storage) as of the earliest of such date, the date of termination of the Covered Executive’s employment with the Employer or the date of a Change in Control (as defined in the Plan), or (ii) had commenced construction or agreed to acquire or manage more than 500,000 square feet of property of the same or similar type within the 12 months preceding the earliest of such date, the date of termination of the Covered Executive’s employment with the Employer or the date of a Change in Control (as defined in the Plan). If the Covered Executive violates the Non-Competition Covenant and the Employer brings legal action for injunctive or other relief, the Employer shall not, as a result of the time involved in obtaining such relief, be deprived of the benefit of the full period of the Non-Competition Covenant. Accordingly, the Non-Competition Covenant shall be deemed to have the duration specified in this paragraph (a) computed from the date the relief is granted but reduced by the time between the period when the Restrictive Period began to run and the date of the first violation of the Non-Competition Covenant by the Covered Executive. The foregoing Non-Competition Covenant shall not prohibit a Covered Executive from owning, directly or indirectly, capital stock or similar securities which are listed on a securities exchange which do not represent more than five percent (5%) of the outstanding capital stock of any corporation.

(b) Non-Solicitation. The Covered Executive agrees that, except with the express prior written consent of the Employer, while the Covered Executive is employed by the Employer and for a period of 12 months thereafter, the Covered Executive will not directly or indirectly solicit or induce, or attempt to solicit or induce, any employee or agent of Employer to terminate employment with Employer or become employed by any other person, firm, partnership, corporation, trust or other entity, or any customer, client, independent contractor, business relation, or any other person or entity to cease doing business with the Company.

(c) Non-Disparagement. While the Covered Executive is employed and for twelve (12) months following termination of a Covered Executive’s employment for any reason, the Covered Executive shall not intentionally disclose or cause to be disclosed any negative, adverse or derogatory comments or information about (i) the Employer or its employees or the trustees of the Company; (ii) the properties of or any product or service provided by the Employer; or (iii) the Employer’s prospects for the future. For twelve (12) months following termination of the Covered Executive’s employment for any reason, the Employer shall not disclose or cause to be disclosed any negative, adverse or derogatory comments or information about the Covered Executive. Nothing in this Section shall prohibit either the Employer or a Covered Executive from testifying truthfully in any legal or administrative proceeding or making any other truthful disclosure required by applicable law.

(d) Remedies for Certain Breached. The Covered Executive acknowledges that the restrictions contained in Sections 1 and 2 of this Exhibit B are reasonable and necessary for the protection of the legitimate proprietary business interests of the Employer; that any violation of these restrictions would cause substantial injury to the Employer and such interests; that the Employer would not have caused the Covered Executive to participate under the Plan without receiving the additional consideration offered by the Covered Executive in binding himself to these restrictions; and that such restrictions were a material inducement to the Employer to offer the benefits set forth in the Plan. In the event of any violation or threatened violation of these restrictions, the Employer shall be relieved of any further obligations under the Plan, shall be entitled to seek any rights, remedies or damages available at law, in equity or otherwise under the Plan, and shall be entitled to seek preliminary and temporary injunctive relief granted by a court of competent jurisdiction to prevent or restrain any such violation by the Covered Executive and any and all persons directly or indirectly acting for or with the Covered Executive, as the case may be, while awaiting the decision of the arbitrator selected in accordance with Section 6 of the Plan, which decision, if rendered adverse to the Covered Executive, may include permanent injunctive relief to be granted by the court.

(e) Definition of Employer. For purposes of Sections 1 and 2, the term “Employer” shall be deemed to include all of the Employer’s subsidiaries and affiliates.

3. Arbitration of Disputes; Enforcement and Governing Law. Sections 6 and 7 of the Plan are expressly incorporated by reference into this Exhibit B.

EXHIBIT II

RELEASE

This Release (the “Release”) is entered into by [_____] (the “Covered Executive”) pursuant to the Corporate Office Properties Trust, Corporate Office Properties L.P. Executive Change in Control and Severance Plan (the “Plan”). This Release is the “Release” referenced in the Plan. Terms with initial capitalization that are not otherwise defined in this Release have the meanings set forth in the Plan. The consideration for the Covered Executive’s agreement to this Release consists of the **[Termination Payment/Change in Control Termination Payment]**¹ and other consideration set forth in Section 3 of the Plan.

1. In consideration of the **[Termination Payment/Change in Control Termination Payment]** and other consideration set forth in Section 3 of the Plan, the Covered Executive hereby releases and forever discharges the Company and the Employer, the predecessors, successors, assigns and affiliates of each of the Company and the Employer, and current and former members, partners, trustees, officers, employees, representatives, attorneys, agents and all persons acting by, through, under or in concert with any of the foregoing (any and all of whom or which are referred to hereinafter as the “Releasees”) from any claim, demand, right, action or cause of action, of whatever nature or kind, in law, equity, administrative proceedings, or otherwise, whether based upon any law, statute, ordinance, rule, regulation, common law, or otherwise, or any entitlement to attorneys’ fees, costs or expenses, and from any other matter under any other theory, whether known or unknown, suspected or claimed, liquidated or unliquidated, absolute or contingent (collectively, “Claims”), which arose or occurred at any time prior to the date the Covered Executive signed this Release, including, but not limited to, any Claim relating in any way to the Covered Executive’s employment, or the termination thereof, by the Employer, the Company and/or any subsidiary of either, saving and excepting however, the Covered Executive’s rights to any earned but unpaid base salary, unpaid expense reimbursements, accrued but unused vacation and any vested benefits the Covered Executive may have under any employee benefit plan of the Employer (the “Accrued Benefit”), the Covered Executive’s rights under Section 2(c) of Exhibit B to the Letter Agreement, any Claim that cannot be waived as a matter of law and, subject to this Release becoming effective, the Covered Executive’s right to receive payment of the **[Termination Payment/Change in Control Termination Payment]** and provision of the other consideration set forth in Section 3 of the Plan, nor shall this Release constitute a waiver of any vested rights under any 401(k), retirement or other ERISA-governed plan, or a waiver of any of vested stock options or restricted shares, if any. Without restricting the foregoing, this Release Agreement includes: (1) any Claim brought under any federal, state, or local fair employment practices law, including, but not limited to: the Age Discrimination in Employment Act (ADEA), Title VII of the Civil Rights Act of 1964, Section 1981 of the Civil Rights Act of 1866, the Americans with Disabilities Act (ADA) as amended, the Equal Pay Act (EPA), the Genetic Information Nondiscrimination Act (GINA), and the Uniformed Services Employment and Reemployment Rights Act (USERRA); (2) any Claim brought under any state or federal law regarding wages, benefits, or employment practices, including the Family and Medical Leave Act; (3) any contract Claims; (4) any

¹. Include only the applicable payment.

intentional or unintentional tort Claims, including, but not limited to: defamation, libel, slander, abusive or wrongful discharge, fraud or misrepresentation; and (5) any Claims alleging retaliation and/or any whistleblower Claims, including Claims arising under the Sarbanes-Oxley Act and the Dodd Frank Act.

2. The Covered Executive promises and covenants not to commence any action or proceeding against any Releasee for any released Claim before any federal or state court or, except as expressly stated herein, administrative agency, civil rights commission or other forum. If the Covered Executive commences any action or proceeding in violation of this paragraph, the Employer and the Company shall be excused from making any further payments, continuing any other benefits, or providing other consideration otherwise owed under the Plan other than the Accrued Benefit. Notwithstanding the foregoing, the parties recognize the authority of the Equal Employment Opportunity Commission (“EEOC”) to enforce the statutes which come under its jurisdiction, and this Release is not intended to prevent the Covered Executive from filing a charge or participating in any investigation or proceeding conducted by the EEOC. To the extent any proceeding is commenced against any of the Releasees by any person, entity or agency in any forum, the Covered Executive waives any Claim or right to money damages, attorneys’ fees, or other legal or equitable relief awarded by any jury, court or governmental agency related to any released Claim. Further notwithstanding the foregoing, this paragraph shall not apply to any proceeding initiated by the Covered Executive to the extent that the Covered Executive asserts that any Releasee has violated ADEA, including any challenge to the effectiveness of the release of Claims under ADEA. For the avoidance of doubt, this exception for the pursuit of ADEA Claims shall not be construed as an acknowledgment that the release of ADEA Claims is in any way ineffective, shall not be construed to affect the effectiveness of the Covered Executive’s release of ADEA Claims and shall not affect the right of any Releasee to rely on the Covered Executive’s release of ADEA Claims as a defense to any claim under ADEA. This exception is solely for the purpose of conforming this paragraph to the limitations set forth in 29 C.F.R. Sec. 1625.23.

3. Ongoing Obligations of the Covered Executive. The Covered Executive reaffirms the Covered Executive’s ongoing obligations under the Plan and the Letter Agreement, including without limitation the Covered Executive’s obligations under Exhibit B to the Letter Agreement.

4. No Assignment. The Covered Executive represents that the Covered Executive has not assigned to any other person or entity any Claims against any Releasee.

5. Right to Consider and Revoke Release. The Covered Executive acknowledges that this Release is deemed to be delivered to the Covered Executive on the Covered Executive’s Date of Termination; *provided* that the Covered Executive’s employment is terminated in connection with a Terminating Event. The Covered Executive acknowledges that the Covered Executive has been given the opportunity to consider this Release for a period ending forty-five (45) days after the Date of Termination. In the event the Covered Executive executed this Release within less than forty-five (45) days after the delivery of this Release to the Covered Executive, the Covered Executive acknowledges that such decision was entirely voluntary and that the Covered Executive had the opportunity to consider this Release until the end of the forty-five (45) day period. To accept this Release, the Covered Executive shall deliver a signed

Release to the Senior Vice President, Human Resources of the Company (the "SVP-HR") within such forty-five (45) day period. For a period of seven (7) days from the date when the Covered Executive executes this Release (the "Revocation Period"), the Covered Executive shall retain the right to revoke this Release by written notice that is received by the SVP-HR on or before the last day of the Revocation Period. This Release shall take effect only if it is executed and delivered within the forty-five (45) day period as set forth above and if it is not revoked pursuant to the preceding sentence. If those conditions are satisfied, this Release shall become effective and enforceable on the date immediately following the last day of the Revocation Period (the "Effective Date"). The signed Release and any revocation may be delivered to the SVP-HR by hand or by a PDF copy attached to an email to the SVP-HR. If the Release is sent by email of a PDF copy, the Covered Executive shall separately send an original of the signed Release to the SVP-HR by first class mail or otherwise promptly after sending such email.

6. Other Terms.

(a) Legal Representation; Review of Release. The Covered Executive acknowledges that the Covered Executive has been advised to discuss all aspects of this Release with the Covered Executive's attorney, that the Covered Executive has carefully read and fully understands all of the provisions of this Release and that the Covered Executive is voluntarily entering into this Release.

(b) Binding Nature of Release. This Release shall be binding upon the Covered Executive and upon the Covered Executive's heirs, administrators, representatives and executors.

(c) Amendment. This Release may be amended only upon a written agreement executed by the Covered Executive, the Company and the Employer.

(d) Governing Law and Interpretation. This Release shall be deemed to be made and entered into in the State of Maryland, and shall in all respects be interpreted, enforced and governed under the laws of the State of Maryland, without giving effect to the conflict of laws provisions of Maryland law. The language of all parts of this Release shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against the Company, the Employer or the Covered Executive.

(e) Absence of Reliance. The Covered Executive acknowledges that the Covered Executive is not relying on any promises or representations by the Company or the Employer or any of their respective agents, representatives or attorneys regarding any subject matter addressed in this Release.

So agreed.

[Covered Executive] Date

**CORPORATE OFFICE PROPERTIES TRUST
SUBSIDIARIES OF REGISTRANT**Alabama

COPT Bridge Street Office, LLC

Delaware

2100 L Holdings, LLC

2100 L Subsidiary LLC

Advanced Gateway 7500, LLC

Advanced Gateway 7600, LLC

Advanced Gateway 8600, LLC

Airport Square Holdings I, LLC

Airport Square Holdings VI and VII, LLC

Blue Bell Investment Company, L.P.

COPT Acquisitions, Inc.

COPT BK Holdco, LLC

COPT BK Holdco II, LLC

COPT BK Holdco III, LLC

COPT DC AZ, LLC

COPT DC-6, LLC

COPT Maritime I & II, LLC

COPT Stevens Place, LLC

Corporate Office Properties Holdings, Inc.

Corporate Office Properties, L.P.

Delaware Airport IX, LLC

Delaware Airport VIII, LLC

GI-COPT DC Partnership LLC

Great Mills I, L.L.C.

Great Mills II, L.L.C.

Great Mills III, L.L.C.

Great Mills IV, L.L.C.

Great Mills V, L.L.C.

LW Redstone Company, LLC

Powerloft Holdings, LLC

Profit Interest Holding LLC

Redstone Gateway 100, LLC

Redstone Gateway 1000, LLC

Redstone Gateway 1100, LLC

Redstone Gateway 1200, LLC

Redstone Gateway 1700, LLC

Redstone Gateway 2100, LLC

Redstone Gateway 2400, LLC

Redstone Gateway 300, LLC

Redstone Gateway 4000, LLC

Redstone Gateway 4100, LLC

Redstone Gateway 6000, LLC

Redstone Gateway 6200, LLC

Redstone Gateway 6500, LLC

Redstone Gateway 7000, LLC

Redstone Gateway 7100, LLC

Redstone Gateway 7200, LLC

Redstone Gateway 8000, LLC

Redstone Gateway 8100, LLC

Redstone Gateway 8200, LLC
Redstone Gateway 8300, LLC
Redstone Gateway 8800, LLC
Stevens Investors, LLC
Stevens School Holdings, LLC

Maryland

100 Charm City, LLC
100 LS Borrower, LLC
1460 Dorsey Road, LLC
1550 Nursery, LLC
250 Charm City, LLC
2500 Riva Trust
30 Charm City, LLC
30 LS Borrower, LLC
45310 Abell House, LLC
6711 Gateway, LLC
6721 Gateway, LLC
6731 Gateway, LLC
6741 Gateway, LLC
7000 Honeys, LLC
7005 Columbia Gateway, LLC
7015 Albert Einstein Drive, L.L.C.
7200 Riverwood, LLC
7205 Riverwood, LLC
7318 Parkway Drive Enterprises, LLC
7740 Milestone, LLC
7760 Milestone Parkway, LLC
7780 Milestone Parkway, LLC
7874 Milestone Parkway, LLC
7876 Milestone Parkway, LLC
7878 Milestone Parkway, LLC
7880 Milestone Parkway, LLC
Airport Square IV, LLC
Airport Square Partners, LLC
Airport Square Storms, LLC
Airport Square V, LLC
Airport Square XI, LLC
Airport Square XIII, LLC
Airport Square XXII, LLC
Airport Square, LLC
AP#5 Lot A, LLC
AP#5 Lot B, LLC
AP#5 Lot C, LLC
Arundel Preserve #5, LLC
Clarks Hundred II, LLC
Clarks Hundred, LLC
Colgatedrive Associates, LLC
Columbia Equity Finance, LLC
Columbia Gateway S-28, L.L.C.
COMI Investments, LLC
Commons Office 6-B, LLC
Commons Office Research, LLC
COPT Aberdeen, LLC
COPT AP 9, LLC

COPT Arundel Preserve, LLC
COPT Baltimore County I, LLC
COPT Baltimore County II, LLC
COPT Brock Bridge, LLC
COPT CC 1600, LLC
COPT CC Bulkhead, LLC
COPT CC D1, LLC
COPT CC Holding, LLC
COPT CC Parking, LLC
COPT CC Tower, LLC
COPT CCW I, LLC
COPT CCW II, LLC
COPT CCW III, LLC
COPT Data Management, LLC
COPT Development & Construction Services, LLC
COPT Frederick, LLC
COPT Gate 63, LLC
COPT Gate 6700-6708-6724, LLC
COPT General, LLC
COPT Harbour's Edge, LLC
COPT Huntsville, LLC
COPT Northgate A, LLC
COPT Northgate B, LLC
COPT Northgate C, LLC
COPT Northgate D, LLC
COPT Northgate H, LLC
COPT Northgate I, LLC
COPT Powerhouse, LLC
COPT Pres Investment, LLC
COPT Property Management Services, LLC
COPT Renovation, LLC
COPT Riverwood, LLC
COPT T-11, LLC
COPT Virtru, LLC
COPT-Kirk AP#5, LLC
Corporate Development Services, LLC
Corporate Gatespring II, LLC
Corporate Gatespring, LLC
Corporate Office Management, Inc.
Corporate Office Services, LLC
Enterprise Campus Developer, LLC
Fifth Exploration, L.L.C.
Fourth Exploration, L.L.C.
Gateway 44, LLC
Gateway 67, LLC
Gateway 70, LLC
Gateway Crossing 95, LLC
Honeyland 108, LLC
Huntsville Holdings, LLC
Jolly COPT I, LLC
Jolly COPT II, LLC
M Square 4600, LLC
M Square 5801, LLC
M Square 5825, LLC
M Square 5850, LLC

M Square Associates, LLC
M Square Park, LLC
Maritime Holdings, LLC
MOR Forbes, LLC
NBP 131, LLC
NBP 132, LLC
NBP 133, LLC
NBP 134, LLC
NBP 135, LLC
NBP 140, LLC
NBP 141, LLC
NBP 191, LLC
NBP 201, LLC
NBP 211, LLC
NBP 220, LLC
NBP 221, LLC
NBP 300 Restaurant, LLC
NBP 300, LLC
NBP 302, LLC
NBP 304, LLC
NBP 306, LLC
NBP 308, LLC
NBP 310, LLC
NBP 312, LLC
NBP 314, LLC
NBP 316, LLC
NBP 318, LLC
NBP 320, LLC
NBP 322, LLC
NBP 324, LLC
NBP 410, LLC
NBP 420, LLC
NBP 430, LLC
NBP 520, LLC
NBP 540, LLC
NBP 550, LLC
NBP 560, LLC
NBP Huff & Puff, LLC
NBP Lot 3-A, LLC
NBP One, LLC
NBP Retail, LLC
Nottingham Ridge Holding Corp.
One Sellner Road, LLC
Park Circle Equities, LLC
Pecan Court L.L.C.
Red Cedar Building, LLC
RG 2100 Restaurant, LLC
RIVA Trustee, LLC
Riverwood Business Center Equity Affiliates, LLC
Third Exploration L.L.C.

Texas

C Texas SG, LLC
COPT 8000 Potranco, L.P.
COPT 8030 Potranco, L.P.

COPT 8100 Potranco, L.P.
COPT SA Technology Center, L.P.
COPT San Antonio , L.P.
COPT San Antonio General, LLC
COPT San Antonio II, L.P.
COPT Westpointe 3A, L.P.
COPT Westpointe 4, L.P.

Virginia

Cabin Branch Creek, LLC
COPT Connect, LLC
COPT Dahlgren I, LLC
COPT Dahlgren II, LLC
COPT Dahlgren IV, LLC
COPT Dahlgren Land, LLC
COPT Dahlgren, LLC
COPT DC Innovation, LLC
COPT DC Partner, LLC
COPT Greens I, LLC
COPT Greens II, LLC
COPT Greens III, LLC
COPT McLearen, LLC
COPT Metro Place II, LLC
COPT Park Meadow, LLC
COPT Ridgeview I, LLC
COPT Ridgeview II & III, LLC
COPT Stonecroft, LLC
COPT Sunrise, LLC
Maries Tech Park II, LLC
Maries Tech Park, LLC
Parkstone Tech Park, LLC
Patriot Ridge 7770, LLC
Patriot Ridge Commons, LLC
Patriot Ridge Holdings, LLC
Patriot Ridge I, LLC
Patriot Ridge II, LLC
South Point Phase II, LLC
TRC Pinnacle Towers, L.L.C.
Waterside I, LLC

List of Subsidiary Issuers of Guaranteed Securities

As of December 31, 2021, Corporate Office Properties Trust was the guarantor of the outstanding guaranteed debt securities of its subsidiaries, as listed below:

Debt Instrument	Issuer
2.250% Senior Notes due 2026	Corporate Office Properties, L.P.
2.000% Senior Notes due 2029	Corporate Office Properties, L.P.
2.750% Senior Notes due 2031	Corporate Office Properties, L.P.
2.900% Senior Notes due 2033	Corporate Office Properties, L.P.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in the Registration Statement on Form S-3 (No. 333-230764 and No. 333-230764-01) and S-8 (No. 333-87384, No. 333-118097, No. 333-151105, No. 333-166989 and No. 333-218035) of Corporate Office Properties Trust of our report dated February 22, 2022 relating to the financial statements, financial statement schedule, and the effectiveness of internal control over financial reporting, which appears in this Form 10-K.

/s/ PricewaterhouseCoopers LLP

Baltimore, Maryland
February 22, 2022

CORPORATE OFFICE PROPERTIES TRUST

CERTIFICATIONS REQUIRED BY
RULE 13a-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934CERTIFICATIONS

I, Stephen E. Budorick, certify that:

1. I have reviewed this Annual Report on Form 10-K of Corporate Office Properties Trust;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 22, 2022

/s/ Stephen E. Budorick

Stephen E. Budorick
President and Chief Executive Officer

CORPORATE OFFICE PROPERTIES TRUST

CERTIFICATIONS REQUIRED BY
RULE 13a-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934CERTIFICATIONS

I, Anthony Mifsud, certify that:

1. I have reviewed this Annual Report on Form 10-K of Corporate Office Properties Trust;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 22, 2022

/s/ Anthony Mifsud
Anthony Mifsud
Chief Financial Officer

CORPORATE OFFICE PROPERTIES TRUST

CERTIFICATIONS REQUIRED BY

RULE 13a-14(b) UNDER THE SECURITIES EXCHANGE ACT OF 1934

In connection with the Annual Report on Form 10-K of Corporate Office Properties Trust (the "Company") for the year ended December 31, 2021, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Stephen E. Budorick, President and Chief Executive Officer of the Company, certify that to my knowledge:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

/s/ Stephen E. Budorick

Stephen E. Budorick
President and Chief Executive Officer

Date: February 22, 2022

CORPORATE OFFICE PROPERTIES TRUST

CERTIFICATIONS REQUIRED BY

RULE 13a-14(b) UNDER THE SECURITIES EXCHANGE ACT OF 1934

In connection with the Annual Report on Form 10-K of Corporate Office Properties Trust (the "Company") for the year ended December 31, 2021, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Anthony Mifsud, Chief Financial Officer of the Company, certify that to my knowledge:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

/s/ Anthony Mifsud

Anthony Mifsud

Chief Financial Officer

Date: February 22, 2022