



Supplemental Information Package and Non-GAAP Reconciliations

Second Quarter • June 30, 2020

The pathway to possible. CrownCastle.com

TABLE OF CONTENTS

	Page
Company Overview	
Company Profile	3
Strategy	3
AFFO per Share	5
Tower Portfolio Footprint	5
Corporate Information	6
Research Coverage	7
Historical Common Stock Data	7
Portfolio and Financial Highlights	8
Outlook	9
Financials & Metrics	
Condensed Consolidated Balance Sheet	11
Condensed Consolidated Statement of Operations	12
Segment Operating Results	13
Fiber Segment Revenues by Line of Business	13
FFO and AFFO Reconciliations	15
Condensed Consolidated Statement of Cash Flows	16
Components of Changes in Site Rental Revenues	17
Summary of Straight-Lined and Prepaid Rent Activity	17
Summary of Capital Expenditures	18
Lease Renewal and Lease Distribution	18
Consolidated Tenant Overview	19
Fiber Solutions Revenue Mix	19
Segment Cash Yields on Invested Capital	20
Consolidated Return on Invested Capital	20
Asset Portfolio Overview	
Summary of Tower Portfolio by Vintage	21
Portfolio Overview	22
Ground Interest Overview	24
Ground Interest Activity	24
Capitalization Overview	
Capitalization Overview	25
Debt Maturity Overview	26
Liquidity Overview	27
Maintenance and Financial Covenants	28
Interest Rate Sensitivity	29
Appendix	30

Cautionary Language Regarding Forward-Looking Statements

This supplemental information package ("Supplement") contains forward-looking statements and information that are based on our management's current expectations as of the date of this Supplement. Statements that are not historical facts are hereby identified as forward-looking statements. Words such as "Outlook," "guide," "forecast," "estimate," "anticipate," "project," "plan," "intend," "believe," "expect," "likely," "predicted," "positioned," and any variations of these words and similar expressions are intended to identify such forward looking statements. Such statements include plans, projections and estimates regarding (1) demand for data and our communications infrastructure, and benefits derived therefrom, (2) cash flow growth, (3) tenant additions, (4) our Outlook for full year 2020, (5) our strategy, (6) strategic position of our assets, (7) assumed conversion of preferred stock and the impact therefrom, (8) revenues from tenant contracts and (9) ground lease expenses from existing ground leases.

Such forward-looking statements are subject to certain risks, uncertainties and assumptions, including, but not limited to, prevailing market conditions. Should one or more of these or other risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those expected. Crown Castle assumes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise. More information about potential risk factors which could affect our results is included in our filings with the Securities and Exchange Commission ("SEC"). Our filings with the SEC are available through the SEC website at www.sec.gov or through our investor relations website at investor.crowncastle.com. We use our investor relations website to disclose information about us that may be deemed to be material. We encourage investors, the media and others interested in us to visit our investor relations website from time to time to review up-to-date information or to sign up for e-mail alerts to be notified when new or updated information is posted on the site.

The components of financial information presented herein, both historical and forward looking, may not sum due to rounding. Definitions and reconciliations of non-GAAP financial measures, segment measures and other calculations are provided in the Appendix to this Supplement.

As used herein, the term "including" and any variation thereof, means "including without limitation." The use of the word "or" herein is not exclusive.

Crown Castle International C	orp.
Second Ouarter 2020	

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

COMPANY PROFILE

Crown Castle International Corp. (to which the terms "Crown Castle," "CCIC," "we," "our," "the Company" or "us" as used herein refer) owns, operates and leases shared communications infrastructure that is geographically dispersed throughout the U.S., including (1) more than 40,000 towers and other structures, such as rooftops (collectively, "towers"), and (2) approximately 80,000 route miles of fiber primarily supporting small cell networks ("small cells") and fiber solutions. We refer to our towers, fiber and small cells assets collectively as "communications infrastructure," and to our customers on our communications infrastructure as "tenants." Our towers have a significant presence in each of the top 100 basic trading areas, and the majority of our small cells and fiber are located in major metropolitan areas, including a presence within every major U.S. market.

Our operating segments consist of (1) Towers and (2) Fiber. Our core business is providing access, including space or capacity, to our shared communications infrastructure via long-term contracts in various forms, including lease, license, sublease and service agreements (collectively, "tenant contracts"). We seek to increase our site rental revenues by adding more tenants on our shared communications infrastructure, which we expect to result in significant incremental cash flows due to our low incremental operating costs.

We operate as a Real Estate Investment Trust ("REIT") for U.S. federal income tax purposes.

STRATEGY

As a leading provider of shared communications infrastructure in the U.S., our strategy is to create long-term stockholder value via a combination of (1) growing cash flows generated from our existing portfolio of communications infrastructure, (2) returning a meaningful portion of our cash generated by operating activities to our common stockholders in the form of dividends and (3) investing capital efficiently to grow cash flows and long-term dividends per share. Our strategy is based, in part, on our belief that the U.S. is the most attractive market for shared communications infrastructure investment with the greatest long-term growth potential. We measure our efforts to create "long-term stockholder value" by the combined payment of dividends to stockholders and growth in our per-share results. The key elements of our strategy are to:

- *Grow cash flows from our existing communications infrastructure.* We are focused on maximizing the recurring site rental cash flows generated from providing our tenants with long-term access to our shared infrastructure assets, which we believe is the core driver of value for our stockholders. Tenant additions or modifications of existing tenant equipment (collectively, "tenant additions") enable our tenants to expand coverage and capacity in order to meet increasing demand for data, while generating high incremental returns for our business. We believe our product offerings of towers and small cells provide a comprehensive solution to our wireless tenants' growing network needs through our shared communications infrastructure model, which is an efficient and cost-effective way to serve our tenants. Additionally, we believe our ability to share our fiber assets across multiple tenants to deploy both small cells and offer fiber solutions allows us to generate cash flows and increase stockholder return.
- *Return cash generated by operating activities to common stockholders in the form of dividends.* We believe that distributing a meaningful portion of our cash generated by operating activities appropriately provides common stockholders with increased certainty for a portion of expected long-term stockholder value while still allowing us to retain sufficient flexibility to invest in our business and deliver growth. We believe this decision reflects the translation of the high-quality, long-term contractual cash flows of our business into stable capital returns to common stockholders.
- Invest capital efficiently to grow cash flows and long-term dividends per share. In addition to adding tenants to existing communications infrastructure, we seek to invest our available capital, including the net cash generated by our operating activities and external financing sources, in a manner that will increase long-term stockholder value on a risk-adjusted basis. These investments include constructing and acquiring new communications infrastructure that we expect will generate future cash flow growth and attractive long-term returns by adding tenants to those assets over time. Our historical investments have included the following (in no particular order):
 - construction of towers, fiber and small cells;
 - acquisitions of towers, fiber and small cells;
 - acquisitions of land interests (which primarily relate to land assets under towers);
 - improvements and structural enhancements to our existing communications infrastructure;
 - purchases of shares of our common stock from time to time; and
 - purchases, repayments or redemptions of our debt.

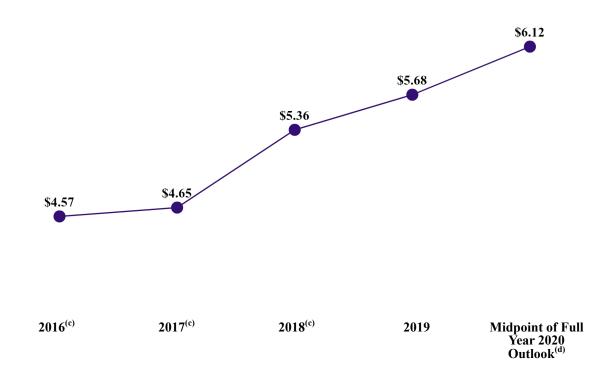
COMPANY	CS ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METR	OVERVIEW	OVERVIEW	

Our strategy to create long-term stockholder value is based on our belief that there will be considerable future demand for our communications infrastructure based on the location of our assets and the rapid growth in the demand for data. We believe that such demand for our communications infrastructure will continue, will result in growth of our cash flows due to tenant additions on our existing communications infrastructure, and will create other growth opportunities for us, such as demand for newly constructed or acquired communications infrastructure, as described above. Further, we seek to augment the long-term value creation associated with growing our recurring site rental cash flows by offering certain ancillary site development and installation services within our Towers segment.

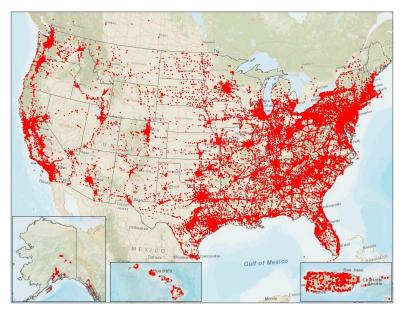
Crown Castle International Corp.
Second Quarter 2020

COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX

AFFO PER SHARE^{(a)(b)}



TOWER PORTFOLIO FOOTPRINT



- (a) See reconciliations and definitions provided herein.
- (a) beer reconstructions and common stockholders.(b) Attributable to CCIC common stockholders.(c) As restated. See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.
- (d) Calculated based on midpoint of full year 2020 Outlook issued on July 29, 2020.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

GENERAL COMPANY INFORMATIONPrincipal executive offices1220 Augusta Drive, Suite 600, Houston, TX 77057Common shares trading symbolCCIStock exchange listingNew York Stock ExchangeFiscal year ending dateDecember 31Fitch - Long Term Issuer Default RatingBBB+Moody's - Long Term Corporate Family RatingBaa3Standard & Poor's - Long Term Local Issuer Credit RatingBBB-

Note: These credit ratings may not reflect the potential risks relating to the structure or trading of the Company's securities and are provided solely for informational purposes. Credit ratings are not recommendations to buy, sell or hold any security, and may be revised or withdrawn at any time by the issuing organization in its sole discretion. The Company does not undertake any obligation to maintain the ratings or to advise of any change in the ratings. Each agency's rating should be evaluated independently of any other agency's rating. An explanation of the significances of the ratings can be obtained from each of the ratings agencies.

EXECUTIVE MANAGEMENT TEAM

Name	Age	Years with Company	Position
Jay A. Brown	47	20	President and Chief Executive Officer
Daniel K. Schlanger	46	4	Executive Vice President and Chief Financial Officer
James D. Young	59	14	Executive Vice President and Chief Operating Officer - Fiber
Robert C. Ackerman	67	21	Executive Vice President and Chief Operating Officer - Towers
Kenneth J. Simon	59	4	Executive Vice President and General Counsel
Michael J. Kavanagh	52	9	Executive Vice President and Chief Commercial Officer
Philip M. Kelley	47	23	Executive Vice President - Corporate Development and Strategy

BOARD OF DIRECTORS

Name	Position	Committees	Age	Years as Director
J. Landis Martin	Chairman	NCG ^(a)	74	24
P. Robert Bartolo	Director	Audit, Compensation	48	6
Cindy Christy	Director	Compensation, NCG ^(a) , Strategy	54	12
Ari Q. Fitzgerald	Director	Compensation, NCG ^(a) , Strategy	57	17
Robert E. Garrison II	Director	Audit, Compensation	78	15
Andrea J. Goldsmith	Director	NCG ^(a) , Strategy	55	2
Lee W. Hogan	Director	Audit, Compensation, Strategy	76	19
Edward C. Hutcheson Jr.	Director	Strategy	74	25
Robert F. McKenzie	Director	Audit, Strategy	76	25
Anthony J. Melone	Director	NCG ^(a) , Strategy	60	5
W. Benjamin Moreland	Director	Strategy	56	13
Jay A. Brown	Director		47	4

(a) Nominating & Corporate Governance Committee

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

RESEARCH COVERAGE Equity Research Bank of America Barclays Citigroup Tim Long Michael Rollins David Barden (646) 855-1320 (212) 526-4043 (212) 816-1116 Cowen and Company Credit Suisse Deutsche Bank Colby Synesael Sami Badri Matthew Niknam (646) 562-1355 (212) 538-1727 (212) 250-4711 Goldman Sachs JPMorgan KeyBanc Brett Feldman Philip Cusick Brandon Nispel (212) 902-8156 (212) 622-1444 (503) 821-3871 MoffettNathanson Morgan Stanley New Street Research Nick Del Deo Simon Flannery Spencer Kurn (212) 519-0025 (212) 761-6432 (212) 921-2067 Oppenheimer & Co. Raymond James **RBC** Capital Markets Timothy Horan Jonathan Atkin **Ric Prentiss** (212) 667-8137 (727) 567-2567 (415) 633-8589 SunTrust Robinson Humphrey UBS Wells Fargo Securities, LLC Greg Miller Batya Levi Eric Luebchow (312) 630-2386 (212) 303-4169 (212) 713-8824 Rating Agency Moody's Fitch Standard & Poor's John Culver Lori Marks Ryan Gilmore (312) 368-3216 (212) 553-1098 (212) 438-0602

HISTORICAL COMMON STOCK DATA

		Three Months Ended								
(in millions, except per share amounts)		6	5/30/20		3/31/20	1	2/31/19	9/30/19	(6/30/19
High price ^(a)		\$	175.65	\$	166.29	\$	141.62	\$ 144.80	\$	133.56
Low price ^(a)		\$	132.85	\$	113.33	\$	126.78	\$ 119.89	\$	114.98
Period end closing price ^(b)	0	\$	167.35	\$	143.40	\$	140.07	\$ 135.75	\$	126.26
Dividends paid per common share		\$	1.20	\$	1.20	\$	1.20	\$ 1.13	\$	1.13
Volume weighted average price for the period ^(a)	0	\$	160.48	\$	145.37	\$	133.15	\$ 133.02	\$	123.80
Common shares outstanding, at period end			417		417		416	416		416
Market value of outstanding common shares, at period end ^(c)	2	\$	69,745	\$	59,764	\$	58,238	\$ 56,442	\$	52,495

(a) Based on the sales price, adjusted for common stock dividends, as reported by Bloomberg.

(b) Based on the period end closing price, adjusted for common stock dividends, as reported by Bloomberg.

(c) Period end market value of outstanding common shares is calculated as the product of (1) shares of common stock outstanding at period end and (2) closing share price at period end, adjusted for common stock dividends, as reported by Bloomberg.

COMPANY	S ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRIC	OVERVIEW	OVERVIEW	

SUMMARY PORTFOLIO HIGHLIGHTS

(as of June 30, 2020)	
Towers	
Number of towers (in thousands) ^(a)	40
Average number of tenants per tower	2.1
Remaining contracted tenant receivables (\$ in billions) ^(b)	\$ 18
Weighted average remaining tenant contract term (years) ^(c)	5
Percent of towers in the Top 50 / 100 Basic Trading Areas	56% / 71%
Percent of ground leased / owned (d)	60% / 40%
Weighted average maturity of ground leases (years) ^{(d)(e)}	36
Fiber	
Number of route miles of fiber (in thousands)	80
Remaining contracted tenant receivables (\$ in billions) ^(b)	\$ 6
Weighted average remaining tenant contract term (years) ^(c)	5

SUMMARY FINANCIAL HIGHLIGHTS

	Three Months Ended June 30,				Six Months Ended June 30,			
		2020		2019		2020		2019
(dollars in millions, except per share amounts)			(As	Restated) ⁽ⁱ⁾			(As	Restated) ⁽ⁱ⁾
Operating Data:								
Net revenues								
Site rental	\$	1,319	\$	1,263	\$	2,629	\$	2,505
Services and other		121		184		232		350
Net revenues	\$	1,440	\$	1,447	\$	2,861	\$	2,855
Costs of operations (exclusive of depreciation, amortization and accretion)								
Site rental	\$	378	\$	365	\$	752	\$	726
Services and other		108		137		207		261
Total cost of operations	\$	486	\$	502	\$	959	\$	987
Net income (loss) attributable to CCIC common stockholders	\$	172	\$	188	\$	329	\$	352
Net income (loss) attributable to CCIC common stockholders per share—diluted ^(f)	\$	0.41	\$	0.45	\$	0.79	\$	0.84
Non-GAAP Data ^(g) :								
Adjusted EBITDA	\$	831	\$	827	\$	1,645	\$	1,632
FFO ^(h)		564		573		1,110		1,122
AFFO ^(h)		609		589		1,202		1,177
AFFO per share ^{(f)(h)}	\$	1.45	\$	1.41	\$	2.88	\$	2.82

(a) Excludes third-party land interests.

(b) Excludes renewal terms at tenants' option.

(c) Excludes renewal terms at tenants' option, weighted by site rental revenues exclusive of straight-line revenues and amortization of prepaid rent.

(d) Weighted by Towers segment site rental gross margin exclusive of straight-line revenues, amortization of prepaid rent, and straight-line expenses.

(e) Includes all renewal terms at the Company's option.

(f) Based on diluted weighted-average common shares outstanding of 419 million and 418 million for the three months ended June 30, 2020 and 2019, respectively and 418 million and 417 million for the six months ended June 30, 2020 and 2019, respectively.

(g) See reconciliations of Non-GAAP financial measures provided herein. See also "*Definitions of Non-GAAP Measures, Segment Measures and Other Calculations*" in the Appendix for a discussion of our definitions of Adjusted EBITDA, FFO and AFFO, including per share amounts.

(h) Attributable to CCIC common stockholders.

(i) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

SUMMARY FINANCIAL HIGHLIGHTS (CONTINUED)

	Thr	ee Months l	Ended	June 30,	Six M	onths E	nded Ju	ne 30,
		2020		2019	202	0	2	019
(dollars in millions)		(As Restated) ^(a)		-		(As Re	stated) ^(a)	
Summary Cash Flow Data ^(b) :								
Net cash provided by (used for) operating activities	\$	756	\$	715	\$	1,409	\$	1,227
Net cash provided by (used for) investing activities ^(c)		(422)		(521)		(890)		(1,010)
Net cash provided by (used for) financing activities		1,867		(173)		1,817		(201)
(dollars in millions)		June 30, 2020		December 31, 2019		1, 2019		
Balance Sheet Data (at period end):								
Cash and cash equivalents			\$		2,514	\$		196
Property and equipment, net					14,963			14,666
Total assets					40,901			38,457
Total debt and other long-term obligations					21,113			18,121
Total CCIC stockholders' equity					9,826			10,489
							Months ine 30, 2	
Other Data:								
Net debt to last quarter annualized Adjusted EBITDA ^(d)								5.6x
Dividend per common share						\$		1.20

OUTLOOK FOR FULL YEAR 2020

(dollars in millions, except per share amounts)	Full Year 2020 ^(e)
Site rental revenues	\$5,337 to \$5,382
Site rental cost of operations ^(f)	\$1,482 to \$1,527
Net income (loss)	\$903 to \$983
Net income (loss) attributable to CCIC common stockholders	\$846 to \$926
Net income (loss) per share—diluted ^{(g)(h)(k)}	\$1.99 to \$2.18
Adjusted EBITDA ⁽ⁱ⁾	\$3,479 to \$3,524
Interest expense and amortization of deferred financing costs ^(j)	\$691 to \$736
FFO ^{(i)(k)}	\$2,354 to \$2,399
AFFO ^{(i)(k)}	\$2,572 to \$2,617
AFFO per share ^{(g)(i)(k)}	\$6.06 to \$6.17

- (a) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.
- (b) Includes impacts of restricted cash. See the condensed consolidated statement of cash flows for further information.
- (c) Includes net cash used for acquisitions of approximately \$3 million for each of the three months ended June 30, 2020 and 2019, and \$16 million and \$13 million for the six months ended June 30, 2020 and 2019, respectively.
- (d) See the "Net debt to Last Quarter Annualized Adjusted EBITDA calculation" in the Appendix.
- (e) As issued on July 29, 2020.
- (f) Exclusive of depreciation, amortization and accretion.
- (g) The assumption for diluted weighted-average common shares outstanding for full year 2020 Outlook is based on the diluted common shares outstanding as of June 30, 2020 and is inclusive of the assumed conversion of preferred stock in August 2020, which we expect to result in (1) an increase in the diluted weighted-average common shares outstanding by approximately 6 million shares and (2) a reduction in the amount of annual preferred stock dividends paid by approximately \$28 million when compared to full year 2019 actual results.
- (h) Calculated using net income (loss) attributable to CCIC common stockholders.
- (i) See reconciliation of this non-GAAP financial measure to net income (loss) and definition included herein.
- (j) See the reconciliation of "Components of Current Outlook for Interest Expense and Amortization of Deferred Financing Costs" in the Appendix.
- (k) Attributable to CCIC common stockholders.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

FULL YEAR 2019 ACTUAL AND OUTLOOK FOR FULL YEAR 2020 COMPONENTS OF CHANGES IN SITE RENTAL REVENUES

(dollars in millions)	Full Year 2019 Actual	Full Year 2020 Outlook ^(a)
Components of changes in site rental revenues ^(b) :		
Prior year site rental revenues exclusive of straight-lined revenues associated with fixed escalators ^{(c)(d)}	\$4,724	\$5,012
New leasing activity ^{(c)(d)}	383	395-425
Escalators	86	90-100
Non-renewals	(181)	(195)-(175)
Organic Contribution to Site Rental Revenues ^(e)	288	295-335
Contribution from full year straight-lined revenues associated with fixed escalators	81	33-53
Acquisitions ^(f)	—	_
Other		—
Total GAAP site rental revenues	\$5,093	\$5,337-\$5,382
Year-over-year changes in revenues:		
Reported GAAP site rental revenues ^(g)		5.1%
Organic Contribution to Site Rental Revenues ^{(e)(g)(h)}		6.3%

(a) As issued on July 29, 2020.

(b) See additional information regarding Crown Castle's site rental revenues, including projected revenues from tenant licenses, straight-lined revenues and prepaid rent herein.

(c) Includes revenues from amortization of prepaid rent in accordance with GAAP.

(d) Includes revenues from the construction of new small cell nodes, exclusive of straight-lined revenues related to fixed escalators.

(e) See "Definitions of Non-GAAP Measures, Segment Measures and Other Calculations" in the Appendix for a discussion of our definition of Organic Contribution to Site Rental Revenues.

(f) Represents the contribution from recent acquisitions. The financial impact of recent acquisitions is excluded from Organic Contribution to Site Rental Revenues until the one-year anniversary of the acquisition.

(g) Calculated based on midpoint of full year 2020 Outlook issued on July 29, 2020.

(h) Calculated as the percentage change from prior year site rental revenues, exclusive of straight-lined revenues associated with fixed escalations, compared to Organic Contribution to Site Rental Revenues for the current period.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & MI	OVERVIEW	OVERVIEW	

CONDENSED CONSOLIDATED BALANCE SHEET (Unaudited)

L

(amounts in millions, except par values)	Jun	e 30, 2020	Dec	ember 31, 2019
ASSETS				
Current assets:				
Cash and cash equivalents	\$	2,514	\$	196
Restricted cash		154		137
Receivables, net		439		596
Prepaid expenses		137		107
Other current assets		192		168
Total current assets		3,436		1,204
Deferred site rental receivables		1,428		1,424
Property and equipment, net		14,963		14,666
Operating lease right-of-use assets		6,251		6,133
Goodwill		10,078		10,078
Other intangible assets, net		4,626		4,836
Other assets, net		119		116
Total assets	\$	40,901	\$	38,457
I LADII ITIES AND EQUITV				
LIABILITIES AND EQUITY Current liabilities:				
Accounts payable	\$	280	\$	334
Accrued interest	φ	182	φ	169
Deferred revenues		763		657
Other accrued liabilities		333		361
Current maturities of debt and other obligations		99		100
Current portion of operating lease liabilities		307		299
Total current liabilities	_	1,964		1,920
Debt and other long-term obligations		21,014		1,920
Operating lease liabilities		5,615		5,511
Other long-term liabilities Total liabilities		2,482		2,516
		31,075		27,968
Commitments and contingencies				
CCIC stockholders' equity:				
Common stock, \$0.01 par value; 600 shares authorized; shares issued and outstanding: June 30, 2020—417 and December 31, 2019—416		4		4
6.875% Mandatory Convertible Preferred Stock, Series A, \$0.01 par value; 20 shares authorized; shares issued and outstanding: June 30, 2020—2 and December 31, 2019—2; aggregate liquidation value: June 30, 2020—\$1,650 and December 31, 2019—\$1,650		—		_
Additional paid-in capital		17,872		17,855
Accumulated other comprehensive income (loss)		(6)		(5)
Dividends/distributions in excess of earnings		(8,044)		(7,365)
Total equity		9,826		10,489
Total liabilities and equity	\$	40,901	\$	38,457

COMPANY	CS ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METR	OVERVIEW	OVERVIEW	

CONDENSED CONSOLIDATED STATEMENT OF OPERATIONS (Unaudited)

		ee Months	Ended	June 30,	Six Months Ended June 30,			
		2020		2019		2020		2019
(amounts in millions, except per share amounts)			(As l	Restated) ^(a)			(As F	Restated) ^(a)
Net revenues:								
Site rental	\$	1,319	\$	1,263	\$	2,629	\$	2,505
Services and other		121		184		232		350
Net revenues		1,440		1,447		2,861		2,855
Operating expenses:								
Costs of operations (exclusive of depreciation, amortization and accretion):								
Site rental		378		365		752		726
Services and other		108		137		207		261
Selling, general and administrative		164		155		339		307
Asset write-down charges		3		6		7		12
Acquisition and integration costs		2		2		7		6
Depreciation, amortization and accretion		402		393		801		787
Total operating expenses		1,057		1,058		2,113		2,099
Operating income (loss)		383		389		748		756
Interest expense and amortization of deferred financing costs		(178)		(169)		(353)		(337
Gains (losses) on retirement of long-term obligations		—		(1)		—		(2
Interest income		1		1		2		3
Other income (expense)				—		—		(1
Income (loss) before income taxes		206		220		397		419
Benefit (provision) for income taxes		(6)		(4)		(11)		(10
Net income (loss)		200		216		386		409
Dividends/distributions on preferred stock		(28)		(28)		(57)		(57
Net income (loss) attributable to CCIC common stockholders	\$	172	\$	188	\$	329	\$	352
Net income (loss) attributable to CCIC common stockholders, per common share:	L							
Net income (loss) attributable to CCIC common stockholders, basic	\$	0.41	\$	0.45	\$	0.79	\$	0.85
Net income (loss) attributable to CCIC common stockholders, diluted	\$	0.41	\$	0.45	\$	0.79	\$	0.84
Weighted-average common shares outstanding:								
Basic		417		416		416		415
Diluted		419		418		418		417

(a) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
---------------------	----------------------	--------------------------	-------------------------	----------

SEGMENT OPERATING RESULTS

	Т	hree Months Er	ded June 30, 20	20	Т	hree Months En	ded June 30, 20	19
		·				(As Res	stated) ^(e)	
(dollars in millions)	Towers	Fiber	Other	Consolidated Total	Towers	Fiber	Other	Consolidated Total
Segment site rental revenues	\$ 868	\$ 451		\$ 1,319	\$ 841	\$ 422		\$ 1,263
Segment services and other revenues	117	4		121	181	3		184
Segment revenues	985	455		1,440	1,022	425		1,447
Segment site rental cost of operations	218	150		368	218	136		354
Segment services and other cost of operations	104	2		106	133	2		135
Segment cost of operations ^{(a)(b)}	322	152		474	351	138		489
Segment site rental gross margin ^(c)	650	301		951	623	286		909
Segment services and other gross margin ^(c)	13	2		15	48	1		49
Segment selling, general and administrative expenses ^(b)	24	45		69	24	51		75
Segment operating profit ^(c)	639	258		897	647	236		883
Other selling, general and administrative expenses ^(b)			\$ 65	65			\$ 56	56
Stock-based compensation expense			37	37			32	32
Depreciation, amortization and accretion			402	402			393	393
Interest expense and amortization of deferred financing costs			178	178			169	169
Other (income) expenses to reconcile to income (loss) before income taxes $^{(d)}$			9	9			13	13
Income (loss) before income taxes				\$ 206				\$ 220

FIBER SEGMENT SITE RENTAL REVENUES SUMMARY

		Three Months Ended June 30,											
				2020			2019						
(dollars in millions)	Fib	er Solutions		Small Cells		Total	Fib	er Solutions		Small Cells		Total	
Site rental revenues	\$	315	\$	136	\$	451	\$	306	\$	116	\$		422

(a) Exclusive of depreciation, amortization and accretion shown separately.

(b) Segment cost of operations excludes (1) stock-based compensation expense of \$7 million and \$8 million for the three months ended June 30, 2020 and 2019, respectively and (2) prepaid lease purchase price adjustments of \$4 million and \$5 million for the three months ended June 30, 2020 and 2019, respectively. Selling, general and administrative expenses exclude stock-based compensation expense of \$30 million and \$24 million for the three months ended June 30, 2020 and 2019, respectively.

(c) See "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for a discussion of our definitions of segment site rental gross margin, segment services and other gross margin and segment operating profit.

(d) See condensed consolidated statement of operations for further information.

(e) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
---------------------	----------------------	--------------------------	-------------------------	----------

SEGMENT OPERATING RESULTS

		Six Months End	led June 30, 202		Six Months End	ed June 30, 201	9	
		stated) ^(e)						
	Towers	Towers Fiber O		Consolidated Total	Towers	Fiber	Other	Consolidated Total
Segment site rental revenues	\$ 1,735	\$ 894		\$ 2,629	\$ 1,669	\$ 836		\$ 2,505
Segment services and other revenues	225	7		232	343	7		350
Segment revenues	1,960	901		2,861	2,012	843		2,855
Segment site rental cost of operations	432	302		734	429	277		706
Segment services and other cost of operations	199	4		203	252	5		257
Segment cost of operations ^{(a)(b)}	631	306		937	681	282		963
Segment site rental gross margin ^(c)	1,303	592		1,895	1,240	559		1,799
Segment services and other gross margin ^(c)	26	3		29	91	2		93
Segment selling, general and administrative expenses ^(b)	48	96		144	50	98		148
Segment operating profit ^(c)	1,281	499		1,780	1,281	463		1,744
Other selling, general and administrative expenses ^(b)			\$ 135	135			\$ 112	112
Stock-based compensation expense			73	73			61	61
Depreciation, amortization and accretion			801	801			787	787
Interest expense and amortization of deferred financing costs			353	353			337	337
Other (income) expenses to reconcile to income (loss) before income taxes ^(d)			21	21			28	28
Income (loss) before income taxes				\$ 397				\$ 419

FIBER SEGMENT SITE RENTAL REVENUES SUMMARY

						Six Months E	nded Jun	ie 30,					
	2020 2019												
(dollars in millions)	Fiber Solut	Fiber Solutions Small Cells T				Total	Fiber	Solutions		Small Cells		Total	
Site rental revenues	\$ 627 \$ 267 \$ 894 \$						\$	609	\$	227	\$	836	5

(a) Exclusive of depreciation, amortization and accretion shown separately.

(b) Segment cost of operations excludes (1) stock-based compensation expense of \$13 million and \$14 million for the six months ended June 30, 2020 and 2019, respectively and (2) prepaid lease purchase price adjustments of \$9 million and \$10 million for the six months ended June 30, 2020 and 2019, respectively. Selling, general and administrative expenses exclude stock-based compensation expense of \$60 million and \$47 million for the six months ended June 30 2020 and 2019, respectively.

(c) See "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for a discussion of our definitions of segment site rental gross margin, segment services and other gross margin and segment operating profit.

(d) See condensed consolidated statement of operations for further information.

(e) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX	
---------------------	----------------------	-----------------------------	----------------------------	----------	--

FFO AND AFFO RECONCILIATIONS

	Thre	e Months	Ended	June 30,	Six Months Ended June 30,					
	2	020	2	2019		2020		2019		
(amounts in millions, except per share amounts)			(As R	estated) ^(f)			(As l	Restated) ^(f)		
Net income (loss)	\$	200	\$	216	\$	386	\$	409		
Real estate related depreciation, amortization and accretion		389		379		774		759		
Asset write-down charges		3		6		7		12		
Dividends/distributions on preferred stock		(28)		(28)		(57)		(57)		
FFO ^{(a)(b)(c)(d)}	\$	564	\$	573	\$	1,110	\$	1,122		
Weighted-average common shares outstanding-diluted ^(e)		419		418		418		417		
FFO per share ^{(a)(b)(c)(d)(e)}	\$	1.35	\$	1.37	\$	2.66	\$	2.69		
FFO (from above)	\$	564	\$	573	\$	1,110	\$	1,122		
Adjustments to increase (decrease) FFO:										
Straight-lined revenue		(10)		(23)		(23)		(40)		
Straight-lined expense		20		24		40		46		
Stock-based compensation expense		37		32		73		61		
Non-cash portion of tax provision		5		(4)		9		1		
Non-real estate related depreciation, amortization and accretion		13		14		27		28		
Amortization of non-cash interest expense		2		_		3		1		
Other (income) expense		_		_		_		1		
(Gains) losses on retirement of long-term obligations		—		1		_		2		
Acquisition and integration costs		2		2		7		6		
Sustaining capital expenditures		(24)		(30)		(44)		(51)		
AFFO ^{(a)(b)(c)(d)}	\$	609	\$	589	\$	1,202	\$	1,177		
Weighted-average common shares outstanding-diluted ^(e)		419		418		418		417		
AFFO per share ^{(a)(b)(c)(d)(e)}	\$	1.45	\$	1.41	\$	2.88	\$	2.82		

(a) See "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for a discussion of our definitions of FFO, including per share amounts, and AFFO, including per share amounts.

(b) FFO and AFFO are reduced by cash paid for preferred stock dividends during the period in which they are paid.

(c) Attributable to CCIC common stockholders.

(d) The above reconciliation excludes line items included in our definition which are not applicable for the periods shown.

(e) For all periods presented, the diluted weighted-average common shares outstanding does not include any assumed conversion of preferred stock in the share count.

(f) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (Unaudited)

	S	ix Months E	nded June 30,			
		2020		2019		
(dollars in millions)			(As R	estated) ^(a)		
Cash flows from operating activities:						
Net income (loss)	\$	386	\$	409		
Adjustments to reconcile net income (loss) to net cash provided by (used for) operating activities:						
Depreciation, amortization and accretion		801		787		
(Gains) losses on retirement of long-term obligations		_		2		
Amortization of deferred financing costs and other non-cash interest		3				
Stock-based compensation expense		75		62		
Asset write-down charges		7		12		
Deferred income tax (benefit) provision		2		1		
Other non-cash adjustments, net		2		3		
Changes in assets and liabilities, excluding the effects of acquisitions:						
Increase (decrease) in liabilities		27		101		
Decrease (increase) in assets		106		(151		
Net cash provided by (used for) operating activities		1,409		1,227		
Cash flows from investing activities:						
Capital expenditures		(861)		(998		
Payments for acquisitions, net of cash acquired		(16)		(13		
Other investing activities, net		(13)		1		
Net cash provided by (used for) investing activities		(890)		(1,010		
Cash flows from financing activities:						
Proceeds from issuance of long-term debt		3,733		99		
Principal payments on debt and other long-term obligations		(53)		(30		
Purchases and redemptions of long-term debt		_		(12		
Borrowings under revolving credit facility		1,340		1,19		
Payments under revolving credit facility		(1,865)		(1,785		
Net borrowings (repayments) under commercial paper program		(155)		500		
Payments for financing costs		(38)		(14		
Purchases of common stock		(74)		(43		
Dividends/distributions paid on common stock		(1,014)		(944		
Dividends/distributions paid on preferred stock		(57)		(57		
Net cash provided by (used for) financing activities		1,817		(201		
Net increase (decrease) in cash, cash equivalents, and restricted cash		2,336		10		
Effect of exchange rate changes on cash		(1)		_		
Cash, cash equivalents, and restricted cash at beginning of period		338		413		
Cash, cash equivalents, and restricted cash at end of period	\$	2,673	\$	429		
Supplemental disclosure of cash flow information:						
Interest paid		337		318		
Income taxes paid		1		9		

(a) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

COMPONENTS OF CHANGES IN SITE RENTAL REVENUES

	Th	ree Months	Ended	June 30,
		2020		2019
(dollars in millions)			(As F	Restated) ^(g)
Components of changes in site rental revenues ^(a) :				
Prior year site rental revenues exclusive of straight-lined revenues associated with fixed escalators ^{(b)(c)}	\$	1,240	\$	1,169
New leasing activity ^{(b)(c)}		94		94
Escalators		22		21
Non-renewals		(47)		(44)
Organic Contribution to Site Rental Revenues ^(d)		69		71
Contribution from straight-lined revenues associated with fixed escalators		10		23
Acquisitions ^(e)				_
Other		—		_
Total GAAP site rental revenues	\$	1,319	\$	1,263
Year-over-year changes in revenue:				
Reported GAAP site rental revenues		4.4%		
Organic Contribution to Site Rental Revenues ^{(d)(f)}		5.6%		

SUMMARY OF SITE RENTAL STRAIGHT-LINED REVENUES AND EXPENSES ASSOCIATED WITH FIXED ESCALATORS^(h)

	Three Months Ended June 30,											
	2020						2019					
(dollars in millions)	 Towers		Fiber			Total		Towers		Fiber		Total
Site rental straight-lined revenues	\$ 8	\$		2	\$	10	\$	22	\$	1	\$	23
Site rental straight-lined expenses	20		_	_		20		23		1		24

				Siz	x Months E	nde	d June 30,		
			2020					2019	
(dollars in millions)	Fowers]	Fiber		Total		Towers	Fiber	Total
Site rental straight-lined revenues	\$ 21	\$	2	\$	23	\$	39	\$ 1	\$ 40
Site rental straight-lined expenses	40				40		45	2	47

(a) See additional information herein regarding Crown Castle's site rental revenues, including projected revenue from tenant licenses, straight-lined revenues and prepaid rent.

(b) Includes revenues from amortization of prepaid rent in accordance with GAAP.

(c) Includes revenues from the construction of new small cell nodes, exclusive of straight-lined revenues related to fixed escalators.

(d) See "Definitions of Non-GAAP Measures, Segment Measures and Other Calculations" in the Appendix for a discussion of our definition of Organic Contribution to Site Rental Revenues.

(e) Represents the initial contribution of recent acquisitions. The financial impact of recent acquisitions is excluded from Organic Contribution to Site Rental Revenues until the one-year anniversary of the acquisition.

(f) Calculated as the percentage change from prior year site rental revenues, exclusive of straight-lined revenues associated with fixed escalations, compared to Organic Contribution to Site Rental Revenues for the current period.

(g) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

(h) In accordance with GAAP accounting, if payment terms call for fixed escalations or rent free periods, the revenue is recognized on a straight-line basis over the fixed, non-cancelable term of the contract. Since the Company recognizes revenue on a straight-line basis, a portion of the site rental revenue in a given period represents cash collected or contractually collectible in other periods.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

SUMMARY OF PREPAID RENT ACTIVITY^(a)

			,	Гhr	ee Months	End	led June 30	,			
			2020						2019		
	_							(As	Restated) ^(b))	
(dollars in millions)		Towers	Fiber		Total		Towers		Fiber		Total
Prepaid rent additions	\$	57	\$ 41	\$	98	\$	103	\$	60	\$	163
Amortization of prepaid rent		73	55		128		62		49		111

			Siz	x Months E	nde	d June 30,				
		2020						2019		
							(As	Restated) ^(b))	
(dollars in millions)	Towers	Fiber		Total	_	Towers		Fiber		Total
Prepaid rent additions	\$ 121	\$ 111	\$	232	\$	184	\$	121	\$	305
Amortization of prepaid rent	146	108		254		120		100		220

SUMMARY OF CAPITAL EXPENDITURES

						Th	ree]	Months	Ende	d June	30,					
				20	20							20	19			
(dollars in millions)	Точ	wers	I	Fiber	0	ther		Fotal	To	owers	F	iber	0	ther	T	otal
Discretionary:																
Purchases of land interests	\$	16	\$	—	\$		\$	16	\$	10	\$		\$	—	\$	10
Communications infrastructure improvements and other capital projects		72		295		7		374		116		359				475
		. –		-/ •		,		• • •						-		.,
Sustaining		4		15		5		24		10		12		8		30
Integration				—										4		4
Total	\$	92	\$	310	\$	12	\$	414	\$	136	\$	371	\$	12	\$	518

PROJECTED REVENUES FROM TENANT CONTRACTS^(c)

	maining Months		Yea	rs Ending De	ecember 31,	
(as of June 30, 2020; dollars in millions)	2020	202	21	2022	2023	2024
Components of site rental revenues:						
Site rental revenues exclusive of straight-line associated with fixed escalators	\$ 2,718	\$:	5,395 \$	5,489 \$	5,539 \$	5,549
Straight-lined site rental revenues associated with fixed escalators	(10)		(95)	(175)	(181)	(154)
GAAP site rental revenues	\$ 2,708	\$	5,300 \$	5,314 \$	5,358 \$	5,395

(a) Reflects up-front consideration from long-term tenants and other deferred credits (commonly referred to as prepaid rent), and the amortization thereof for GAAP revenue recognition purposes.

(b) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

(c) Based on tenant licenses as of June 30, 3030. All tenant licenses are assumed to renew for a new term no later than the respective current term end date, and as such, projected revenues doe not reflect the impact of estimated annual churn. CPI-linked tenant contracts are assumed to escalate at 3% per annum.

COMPANY OVERVIEW	INANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
---------------------	---------------------	-----------------------------	----------------------------	----------

PROJECTED GROUND LEASE EXPENSES FROM EXISTING GROUND LEASES^(a)

	maining Months		Yea	rs Ending	De	ecember 31,	
(as of June 30, 2020; dollars in millions)	2020	2021		2022		2023	2024
Components of ground lease expenses:							
Ground lease expenses exclusive of straight-line associated with fixed escalators	\$ 434	\$ 884	\$	904	\$	923 \$	942
Straight-lined site rental ground lease expenses associated with fixed escalators	38	64		51		39	29
GAAP ground lease expenses	\$ 472	\$ 948	\$	955	\$	962 \$	971

ANNUALIZED RENTAL CASH PAYMENTS AT TIME OF RENEWAL^(b)

		naining Months		Years Endii	ng December	r 31,	
(as of June 30, 2020; dollars in millions)	2	2020	2021	2022	2023		2024
AT&T	\$	14 \$	33	\$ 2	9 \$ 3	46 \$	24
T-Mobile ^(c)		15	51	38	9 2	63	79
Verizon		19	40	4	4	47	507
All Others Combined		80	194	16	5 1	45	79
Total	\$	128 \$	318	\$ 62	7 \$ 8	01 \$	689

CONSOLIDATED TENANT OVERVIEW

(as of June 30, 2020)	Percentage of Q2 2020 LQA Site Rental Revenues ^(d)	Weighted Average Current Term Remaining ^(e)	Long-Term Credit Rating (S&P / Moody's)
T-Mobile ^(c)	35%	6	BB / Ba2
AT&T	22%	6	BBB / Baa2
Verizon	18%	5	BBB+ / Baa1
All Others Combined	25%	3	N/A
Total / Weighted Average	100%	5	

FIBER SOLUTIONS REVENUE MIX

(as of June 30, 2020)	Percentage of Q2 2020 LQA Site Rental Revenues
Carrier ^(f)	40%
Education	13%
Healthcare	10%
Financial Services	10%
Other	27%
Total	100%

(a) Based on existing ground leases as of June 30, 2020. CPI-linked leases are assumed to escalate at 3% per annum.

(b) Reflects lease renewals by year by tenant; dollar amounts represent annualized cash site rental revenues from assumed renewals or extension as reflected in the table "Projected Revenues from Tenant Contracts."

(c) Includes revenues derived from Sprint. T-Mobile and Sprint completed their merger on April 1, 2020.

(d) Updated as of October 26, 2020 to correct certain immaterial errors in the previous version of this Supplemental Information Package.

(e) Weighted by site rental revenue contributions; excludes renewals at the tenants' option.

(f) Includes revenues derived from both wireless carriers and wholesale carriers.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

SEGMENT CASH YIELDS ON INVESTED CAPITAL^(a)

	Q2 202	0 LQA	
(as of June 30, 2020; dollars in millions)	 Towers		Fiber
Segment site rental gross margin ^(b)	\$ 2,600	\$	1,204
Less: Amortization of prepaid rent	(292)		(220)
Less: Site rental straight-lined revenues	(32)		(8)
Add: Site rental straight-lined expenses	80		
Add: Indirect labor costs ^(c)			99
Numerator	\$ 2,356	\$	1,075
Segment net investment in property and equipment ^{(d)(e)}	12,785		6,857
Segment investment in site rental contracts and tenant relationships	4,481		3,287
Segment investment in goodwill ^(f)	5,351		4,073
Segment net invested capital ^{(a)(e)}	\$ 22,617	\$	14,217
Segment Cash Yield on Invested Capital ^{(a)(e)}	10.4%		7.6%

CONSOLIDATED RETURN ON INVESTED CAPITAL^(a)

(as of June 30, 2020; dollars in millions)	Q2 2020 LQA
Adjusted EBITDA ^(g)	\$ 3,324
Less: Cash taxes	(4)
Numerator	\$ 3,320
Historical gross investment in property and equipment ^(h)	\$ 24,115
Historical gross investment in site rental contracts and tenant relationships	7,768
Historical gross investment in goodwill	10,078
Consolidated invested capital ^(a)	\$ 41,961

Consolidated Return on Invested Capital^(a)

(a) See "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for further information on, and definition of, our calculation of segment cash yields on invested capital, segment net invested capital, consolidated return on invested capital and consolidated invested capital.

(b) See "Segment Operating Results" and "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for further information on, and definition of, our calculation of segment site rental gross margin.

(c) This adjustment represents indirect labor costs in the Fiber segment that are not capitalized, but that primarily support the Company's ongoing expansion of its small cells and fiber networks that management expects to generate future revenues for the Company. Removal of these indirect labor costs presents segment cash yield on invested capital on a direct cost basis, consistent with the methodology used by management when evaluating project-level investment opportunities.

(d) Segment investment in property and equipment excludes the impact of construction in process and non-productive assets (such as information technology assets and buildings) and is reduced by the amount of prepaid rent received from customers (excluding any deferred credits recorded in connection with acquisitions).

(e) The Towers segment figures for segment net investment in property and equipment, segment net invested capital, and segment cash yield on invested capital have been updated as of July 29, 2020 to correct certain immaterial errors in the previous version of this Supplemental Information Package.

(f) Segment investment in goodwill excludes the impact of certain assets and liabilities (primarily deferred credits, recorded in connection with acquisitions).

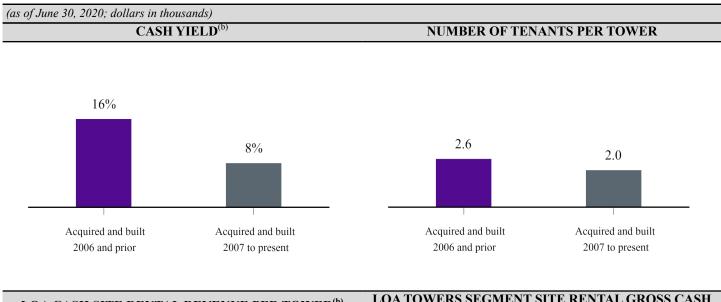
(g) See "*Reconciliations of Non-GAAP Financial Measures to Comparable GAAP Financial Measures and Other Calculations*" included herein for further information and reconciliation of this non-GAAP financial measure to net income (loss).

(h) Historical gross investment in property and equipment excludes the impact of construction in process.

7.9%

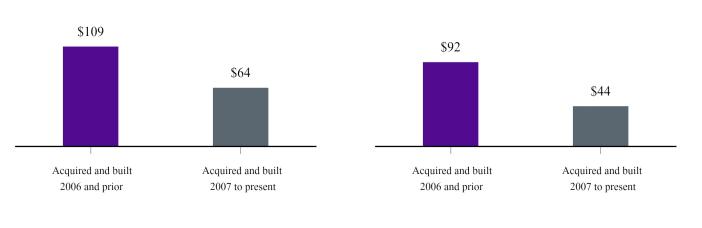
COMPANY OVERVIEW FINANCIALS & METRICS ASSET PORTFOLIO OVERVIEW	CAPITALIZATION APPENDIX OVERVIEW
--	----------------------------------

SUMMARY OF TOWER PORTFOLIO BY VINTAGE^(a)



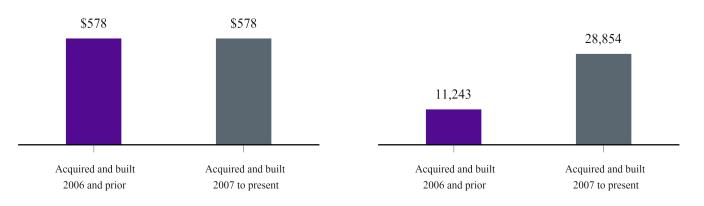
LQA CASH SITE RENTAL REVENUE PER TOWER^(b)





NET INVESTED CAPITAL PER TOWER^(e)





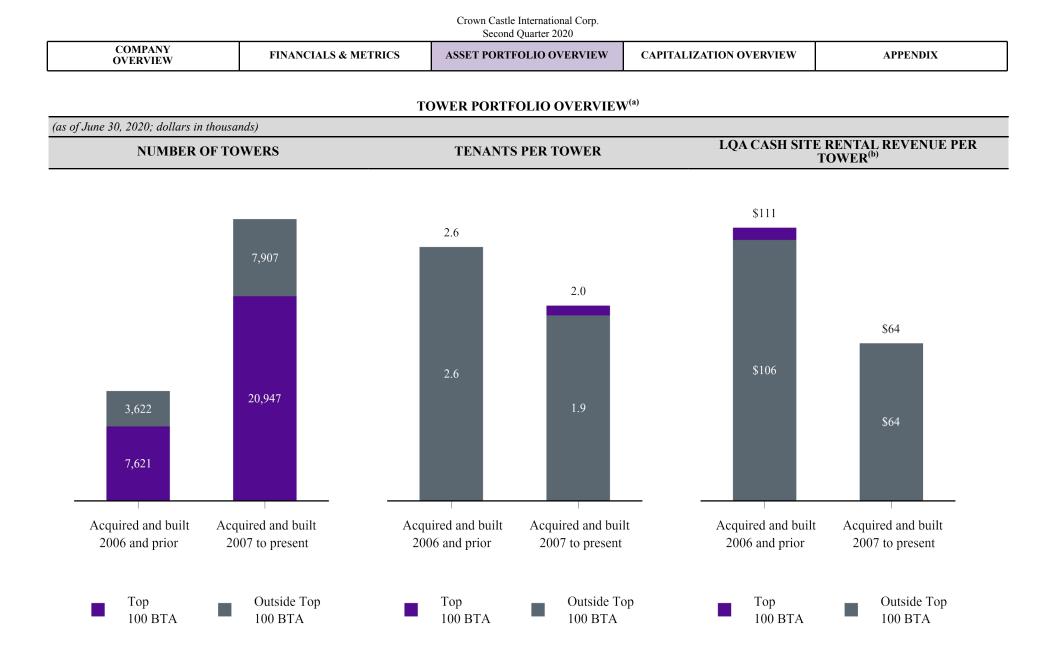
(a) All tower portfolio figures are calculated exclusively for the Company's towers and do not give effect to other activities within the Company's Towers segment.

(b) Yield is calculated as LQA Towers segment site rental gross margin, exclusive of straight-line revenues and amortization of prepaid rent, divided by invested

capital.(c) Exclusive of straight-line revenues and amortization of prepaid rent.

(d) Exclusive of straight-line revenues, amortization of prepaid rent, and straight-line expenses.

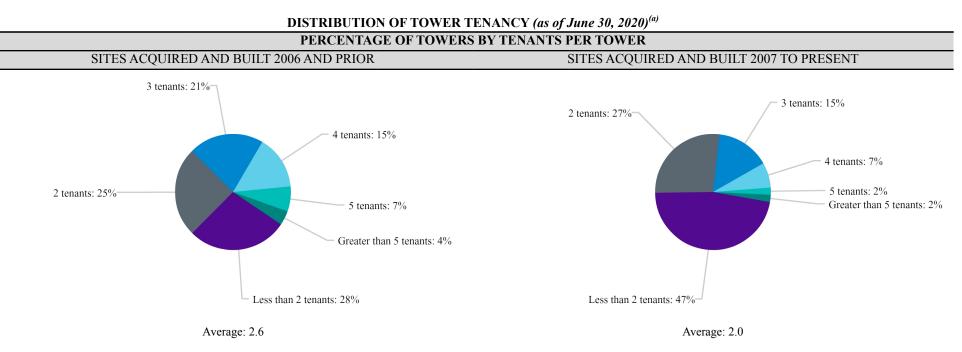
(e) Reflects gross total assets (including incremental capital invested by the Company since time of acquisition or construction completion), less any prepaid rent. Inclusive of invested capital related to land at the tower site.



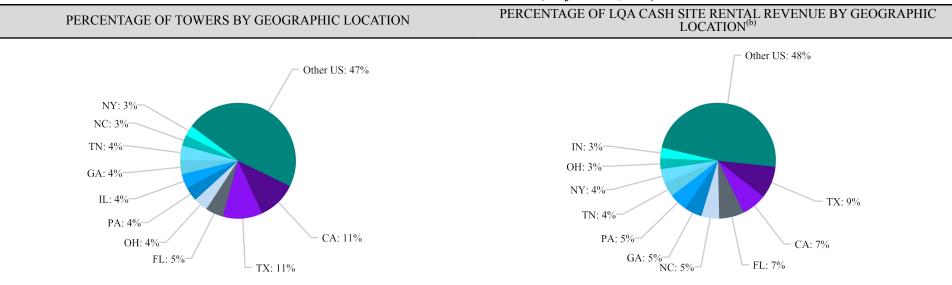
(a) All tower portfolio figures are calculated exclusively for the Company's towers and do not give effect to other activities within the Company's Towers segment.

(b) Exclusive of straight-line revenues and amortization of prepaid rent.

Crown Castle International Corp. Second Quarter 2020					
COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX	



GEOGRAPHIC TOWER DISTRIBUTION (as of June 30, 2020)^(a)



(a) All tower portfolio figures are calculated exclusively for the Company's towers and do not give effect to other activities within the Company's Towers segment.

(b) Exclusive of straight-line revenues and amortization of prepaid rent.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

GROUND INTEREST OVERVIEW

(as of June 30, 2020; dollars in millions)	Si	QA Cash ite Rental evenues ^(a)	Percentage of LQA Cash Site Rental Revenues ^(a)	LQA Towers Segment Site Rental Gross Cash Margin ^(b)	Percentage of LQA Towers Segment Site Rental Gross Cash Margin ^(b)	Number of Towers ^(c)	Percentage of Towers	Weighted Average Term Remaining (by years) ^(d)
Less than 10 years	\$	322	11%	\$ 170	8%	5,007	12%	
10 to 20 years		414	13%	235	10%	6,273	16%	
Greater than 20 years		1,357	44%	962	42%	17,893	45%	
Total leased	\$	2,093	68%	\$ 1,367	60%	29,173	73%	36
Owned	\$	993	32%	\$ 924	40%	10,924	27%	
Total / Average	\$	3,086	100%	\$ 2,291	100%	40,097	100%	

GROUND INTEREST ACTIVITY

(dollars in millions)	Three Months Ended June 30, 2020	Six Months Ended June 30, 2020
Ground Extensions Under Crown Castle Towers:		
Number of ground leases extended	256	481
Average number of years extended	32	33
Percentage increase in consolidated cash ground lease expense due to extension activities ^(e)	0.2%	0.2%
Ground Purchases Under Crown Castle Towers:		
Number of ground leases purchased	47	91
Ground lease purchases (including capital expenditures, acquisitions and installment purchases)	\$ 23	\$ 40
Percentage of Towers segment site rental gross margin from towers residing on land purchased	<1%	<1%

(a) Exclusive of straight-line revenues and amortization of prepaid rent.

(b) Exclusive of straight-line revenues, amortization of prepaid rent, and straight-line expenses.

(c) Excludes small cells, fiber and third-party land interests.

(d) Includes all renewal terms at the Company's option; weighted by Towers segment site rental gross margin exclusive of straight-line revenues, amortization of prepaid rent, and straight-line expenses.

(e) Includes the impact from the amortization of lump sum payments.

COMPANY	ASSET PORTFOLIO	CAPITALIZATION	APPENDIX
OVERVIEW FINANCIALS & METRICS	OVERVIEW	OVERVIEW	

(As of June 30 2020; dollars in millions)	Fac	ce Value	Fixed vs. Variable	Interest Rate ^(b)	Net Debt to LQA Adjusted EBITDA ^(c)	Maturity
Cash, cash equivalents and restricted cash	\$	2,673				
3.849% Secured Notes		1,000	Fixed	3.9%		2023
Senior Secured Notes, Series 2009-1, Class A-2		64	Fixed	9.0%		2029
Senior Secured Tower Revenue Notes, Series 2015-1 ^(d)		300	Fixed	3.2%		2042 ^(d)
Senior Secured Tower Revenue Notes, Series 2018-1 ^(d)		250	Fixed	3.7%		2043 ^(d)
Senior Secured Tower Revenue Notes, Series 2015-2 ^(d)		700	Fixed	3.7%		2045 ^(d)
Senior Secured Tower Revenue Notes, Series 2018-2 ^(d)		750	Fixed	4.2%		2048 ^(d)
Finance leases & other obligations		225	Various	Various		Various
Total secured debt	\$	3,289		3.9%	1.0x	
2016 Revolver ^(e)		_	Variable	1.3%		2024
2016 Term Loan A		2,282	Variable	1.3%		2024
Commercial Paper Notes ^(f)		_	Variable	N/A		N/A
3.400% Senior Notes		850	Fixed	3.4%		2021
2.250% Senior Notes		700	Fixed	2.3%		2021
4.875% Senior Notes		850	Fixed	4.9%		2022
5.250% Senior Notes		1,650	Fixed	5.3%		2023
3.150% Senior Notes		750	Fixed	3.2%		2023
3.200% Senior Notes		750	Fixed	3.2%		2024
1.350% Senior notes		500	Fixed	1.4%		2025
4.450% Senior Notes		900	Fixed	4.5%		2026
3.700% Senior Notes		750	Fixed	3.7%		2026
4.000% Senior Notes		500	Fixed	4.0%		2027
3.650% Senior Notes		1,000	Fixed	3.7%		2027
3.800% Senior Notes		1,000	Fixed	3.8%		2028
4.300% Senior Notes		600	Fixed	4.3%		2029
3.100% Senior Notes		550	Fixed	3.1%		2029
3.300% Senior Notes		750	Fixed	3.3%		2030
2.250% Senior Notes		1,100	Fixed	2.3%		2031
4.750% Senior Notes		350	Fixed	4.8%		2047
5.200% Senior Notes		400	Fixed	5.2%		2049
4.000% Senior Notes		350	Fixed	4.0%		2049
4.150% Senior notes		500	Fixed	4.2%		2050
3.250% Senior Notes		900	Fixed	3.3%		2051
Total unsecured debt	\$	17,982		3.4%	5.4x	
Total net debt	\$	18,598		3.5%	5.6x	
Preferred Stock, at liquidation value		1,650				
Market Capitalization ^(g)		69,745				
Firm Value ^(h)	\$	89,993				

(a) Does not reflect (1) the July 2020 redemption of all of the outstanding 3.400% Senior Notes due 2021, 2.250% Senior Notes due 2021 and 4.875% Senior Notes due 2022 (collectively, "Senior Notes") and (2) the use of net proceeds from the June 2020 senior notes offering, together with available cash, to redeem the Senior Notes.

(b) Represents the weighted-average stated interest rate, as applicable.

(c) Represents the applicable amount of debt divided by LQA consolidated Adjusted EBITDA. See the "Net debt to Last Quarter Annualized Adjusted EBITDA calculation" in the Appendix.

(d) If the respective series of such debt is not paid in full on or prior to an applicable date, then the Excess Cash Flow (as defined in the indenture) of the issuers of such notes will be used to repay principal of the applicable series, and additional interest (of an additional approximately 5% per annum) will accrue on the respective series. The Senior Secured Tower Revenue Notes, Series 2015-1 and 2015-2 have anticipated repayment dates in 2022 and 2025, respectively. The Senior Secured Tower Revenue Notes, 2018-1 and 2018-2 have anticipated repayment dates in 2023, respectively. Notes are prepayable at par if voluntarily repaid six months or less prior to maturity; earlier prepayment may require additional consideration.

(e) As of June 30, 2020, there were no outstanding balances under the \$5.0 billion 2016 Revolver.

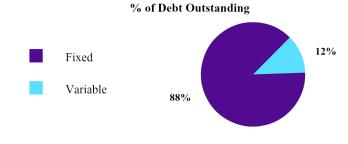
(f) As of June 30, 2020, there were no outstanding notes under the \$1.0 billion unsecured commercial paper program ("CP Program"). The maturities of commercial paper notes under the CP Program, when outstanding, may vary but may not exceed 397 days from the date of issue.

(g) Market capitalization calculated based on \$167.35 closing price and 417 million shares outstanding as of June 30, 2020.

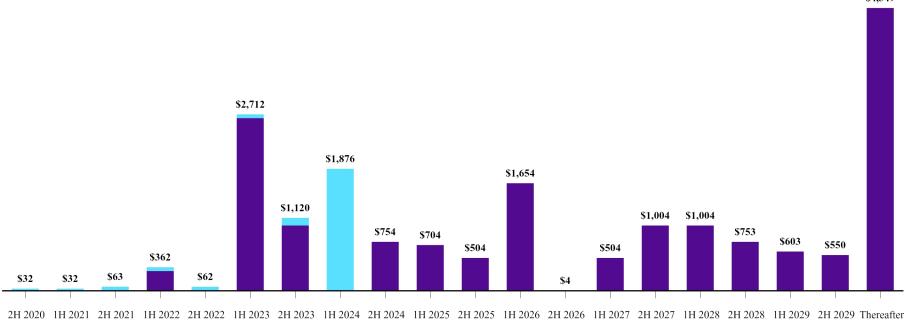
(h) Represents the sum of net debt, preferred stock (at liquidation value) and market capitalization.

COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX

DEBT MATURITY OVERVIEW^{(a)(b)}



(as of June 30, 2020; dollars in millions)



\$4,349

(a) Where applicable, maturities reflect the Anticipated Repayment Date as defined in the respective debt agreement; excludes finance leases and other obligations; amounts presented at face value, net of repurchases held at CCIC.

(b) Gives effect to the July 2020 redemption of the Senior Notes.

COMPANY OVERVIEW FIN	NANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
-------------------------	--------------------	-----------------------------	----------------------------	----------

LIQUIDITY OVERVIEW^{(a)(b)}

(dollars in millions)	June 30, 2020
Cash, cash equivalents, and restricted cash ^(c)	\$ 183
Undrawn 2016 Revolver availability ^(d)	4,967
Debt and other long-term obligations	18,717
Total equity	9,731

(a) In addition, we have the following sources of liquidity:

i.

In April 2018, we established an at-the-market stock offering program ("ATM Program") through which we may, from time to time, issue and sell shares of our common stock having an aggregate gross sales price of up to \$750 million to or through sales agents. No shares of common stock have been sold under the ATM Program.

ii. In April 2019, we established a CP Program through which we may issue short term, unsecured commercial paper notes ("CP Notes"). Amounts available under the CP Program may be issued, repaid and re-issued from time to time, with the aggregate principal amount of CP Notes outstanding under the CP Program at any time not to exceed \$1.0 billion. As of June 30, 2020, there were no CP Notes outstanding under our CP Program. We intend to maintain available commitments under our 2016 Revolver in an amount at least equal to the amount of CP Notes outstanding at any point in time.

(b) Gives effect to (1) the July 2020 redemption of the Senior Notes and (2) the use of net proceeds from the June 2020 senior notes offering, together with available cash, to redeem the Senior Notes.

(c) Inclusive of \$5 million included within "Long-term prepaid rent and other assets, net" on our condensed consolidated balance sheet.

(d) Availability at any point in time is subject to reaffirmation of the representations and warranties in, and there being no default under, the credit agreement governing our 2016 Revolver.

		Second Quarter 2020			
COMPANY OVERVIEW	FINANCIALS & METRICS A	SSET PORTFOLIO OVERVIEW	CAPITALIZATION OVER	RVIEW	APPENDIX
	SUMMARY OF MAINTEN	NANCE AND FINANCIAL CO	VENANTS ^(a)		
Debt	Borrower / Issuer	Cove	nant ^(b)	Covenant Level Requirement	As of June 30, 2020
Maintenance Financial Covena	nts ^(c)				
2016 Credit Facility	CCIC	Total Net Leverage Rat	io	$\leq 6.50 \mathrm{x}$	5.6x
2016 Credit Facility	CCIC	Total Senior Secured Lo	everage Ratio	\leq 3.50x	0.9x
2016 Credit Facility	CCIC	Consolidated Interest C	overage Ratio ^(d)	N/A	N/A
Restrictive Negative Financial (Covenants				
Financial covenants restricting of	ubility to incur additional debt				
2012 Secured Notes	CC Holdings GS V LLC and Crown Castle GS III Con	p. Debt to Adjusted Conso	olidated Cash Flow Ratio	\leq 3.50x	2.0x
Financial covenants requiring e.	xcess cash flows to be deposited in a cash trap reserve a	account and not released			
2015 Tower Revenue Notes	Crown Castle Towers LLC and its Subsidiaries	Debt Service Coverage	Ratio	> 1.75x	^(e) 11.0x
2018 Tower Revenue Notes	Crown Castle Towers LLC and its Subsidiaries	Debt Service Coverage	Ratio	> 1.75x	^(e) 11.0x
2009 Securitized Notes	Pinnacle Towers Acquisition Holdings LLC and its Su	bsidiaries Debt Service Coverage	Ratio	> 1.30x	^(e) 12.3x
Financial covenants restricting of	ıbility of relevant issuer to issue additional notes under	the applicable indenture			
2015 Tower Revenue Notes	Crown Castle Towers LLC and its Subsidiaries	Debt Service Coverage	Ratio	\geq 2.00x	^(f) 11.0x
2018 Tower Revenue Notes	Crown Castle Towers LLC and its Subsidiaries	Debt Service Coverage		\geq 2.00x	^(f) 11.0x
2009 Securitized Notes	Pinnacle Towers Acquisition Holdings LLC and its Su	Ũ		$\geq 2.34x$	⁰ 12.3x

(a) Does not reflect (1) the July 2020 redemption of the Senior Notes and (2) the use of net proceeds from the June 2020 senior notes offering, together with available cash, to redeem the Senior Notes.

(b) As defined in the respective debt agreement. In the indentures for the 2015 Tower Revenue Notes, 2018 Tower Revenue Notes and the 2009 Securitized Notes, the defined term for Debt Service Coverage Ratio is "DSCR."

(c) Failure to comply with the financial maintenance covenants would, absent a waiver, result in an event of default under the credit agreement governing our 2016 Credit Facility.

(d) Applicable solely to the extent that the senior unsecured debt rating by any two of S&P, Moody's and Fitch is lower than BBB-, Baa3 or BBB-, respectively. If applicable, the consolidated interest coverage ratio must be greater than or equal to 2.50.

(e) The 2015 Tower Revenue Notes, 2018 Tower Revenue Notes and 2009 Securitized Notes also include the potential for amortization events, which could result in applying current and future cash flow to the prepayment of debt with applicable prepayment consideration. An amortization event occurs when the Debt Service Coverage Ratio falls below 1.45x, 1.45x or 1.15x, in each case as described under the indentures for the 2015 Tower Revenue Notes, 2018 Tower Revenue Notes, respectively.

(f) Rating Agency Confirmation (as defined in the respective debt agreement) is also required.

COMPANY OVERVIEW FI	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
------------------------	----------------------	-----------------------------	----------------------------	----------

INTEREST RATE SENSITIVITY^{(a)(b)}

	aining Six Ionths	Years Ending I)ecen	ıber 31,
(as of June 30, 2020; dollars in millions)	2020	2021		2022
Fixed Rate Debt:				
Face Value of Principal Outstanding ^(c)	\$ 16,360	\$ 16,352	\$	16,345
Current Interest Payment Obligations ^(d)	310	617		616
Effect of 0.125% Change in Interest Rates ^(e)	—			—
Floating Rate Debt:				
Face Value of Principal Outstanding ^(c)	\$ 2,253	\$ 2,165	\$	2,048
Current Interest Payment Obligations ^(f)	15	27		27
Effect of 0.125% Change in Interest Rates ^(g)	1	3		3

(a) Excludes finance leases and other obligations and gives effect to the July 2020 redemption of the Senior Notes.

(b) Excludes the commitment fee the Company pays on the undrawn available amount under the 2016 Revolver. The commitment fee ranges from 0.125% to 0.350%, based on the Company's senior unsecured debt rating, per annum.

(c) Face value, net of required amortizations; assumes no maturity or balloon principal payments; excludes finance leases.

(d) Interest expense calculated based on current interest rates.

(e) Interest expense calculated based on current interest rates until the sooner of the (1) stated maturity date or (2) the Anticipated Repayment Date, at which time the face value amount outstanding of such indebtedness is refinanced at current interest rates as of June 30, 2020, plus 12.5 bps.

(f) Interest expense calculated based on current interest rates as of June 30, 2020. Calculation assumes no changes to future interest rate margin spread over LIBOR due to changes in the borrower's senior unsecured credit rating.

(g) Interest expense calculated based on current interest rates as of June 30, 2020, plus 12.5 bps.

COMPANY OVERVIEW FINANCIALS & METRICS ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
---	----------------------------	----------

DEFINITIONS

Non-GAAP Financial Measures, Segment Measures and Other Calculations

This Supplement includes presentations of Adjusted EBITDA, Adjusted Funds from Operations ("AFFO"), including per share amounts, Funds from Operations ("FFO"), including per share amounts, and Organic Contribution to Site Rental Revenues, which are non-GAAP financial measures. These non-GAAP financial measures are not intended as alternative measures of operating results or cash flow from operations (as determined in accordance with Generally Accepted Accounting Principles ("GAAP")).

Our non-GAAP financial measures may not be comparable to similarly titled measures of other companies, including other companies in the communications infrastructure sector or other REITs. Our definition of FFO is consistent with guidelines from the National Association of Real Estate Investment Trusts with the exception of the impact of income taxes in periods prior to our REIT conversion in 2014.

In addition to the non-GAAP financial measures used herein, we also provide Segment Site Rental Gross Margin, Segment Services and Other Gross Margin and Segment Operating Profit, which are key measures used by management to evaluate our operating segments. These segment measures are provided pursuant to GAAP requirements related to segment reporting. In addition, we provide the components of certain GAAP measures, such as capital expenditures.

Our non-GAAP financial measures are presented as additional information because management believes these measures are useful indicators of the financial performance of our business. Among other things, management believes that:

- Adjusted EBITDA is useful to investors or other interested parties in evaluating our financial performance. Adjusted EBITDA is the primary measure used by management (1) to evaluate the economic productivity of our operations and (2) for purposes of making decisions about allocating resources to, and assessing the performance of, our operations. Management believes that Adjusted EBITDA helps investors or other interested parties meaningfully evaluate and compare the results of our operations (1) from period to period and (2) to our competitors, by removing the impact of our capital structure (primarily interest charges from our outstanding debt) and asset base (primarily depreciation, amortization and accretion) from our financial results. Management also believes Adjusted EBITDA is frequently used by investors or other interested parties in the evaluation of the communications infrastructure sector and other REITs to measure financial performance without regard to items such as depreciation, amortization and accretion which can vary depending upon accounting methods and the book value of assets. In addition, Adjusted EBITDA is similar to the measure of current financial performance generally used in our debt covenant calculations. Adjusted EBITDA should be considered only as a supplement to net income computed in accordance with GAAP as a measure of our performance.
- AFFO, including per share amounts, is useful to investors or other interested parties in evaluating our financial performance. Management believes that AFFO helps investors or other interested parties meaningfully evaluate our financial performance as it includes (1) the impact of our capital structure (primarily interest expense on our outstanding debt and dividends on our preferred stock) and (2) sustaining capital expenditures, and excludes the impact of our (a) asset base (primarily depreciation, amortization and accretion) and (b) certain non-cash items, including straight-lined revenues and expenses related to fixed escalations and rent free periods. GAAP requires rental revenues and expenses related to leases that contain specified rental increases over the life of the lease to be recognized evenly over the life of the lease. In accordance with GAAP, if payment terms call for fixed escalations, or rent free periods, the revenue or expense is recognized on a straight-lined basis over the fixed, noncancelable term of the contract. Management notes that Crown Castle uses AFFO only as a performance measure. AFFO should be considered only as a supplement to net income computed in accordance with GAAP as a measure of our performance and should not be considered as an alternative to cash flows from operations or as residual cash flow available for discretionary investment.
- FFO, including per share amounts, is useful to investors or other interested parties in evaluating our financial performance. Management believes that FFO may be used by investors or other interested parties as a basis to compare our financial performance with that of other REITs. FFO helps investors or other interested parties meaningfully evaluate financial performance by excluding the impact of our asset base (primarily depreciation, amortization and accretion). FFO is not a key performance indicator used by Crown Castle. FFO should be considered only as a supplement to net income computed in accordance with GAAP as a measure of our performance and should not be considered as an alternative to cash flow from operations.

COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX

- Organic Contribution to Site Rental Revenues is useful to investors or other interested parties in understanding the components of the year-over-year changes in our site rental revenues computed in accordance with GAAP. Management uses the Organic Contribution to Site Rental Revenues to assess year-over-year growth rates for our rental activities, to evaluate current performance, to capture trends in rental rates, new leasing activities and tenant non-renewals in our core business, as well to forecast future results. Organic Contribution to Site Rental Revenues is not meant as an alternative measure of revenue and should be considered only as a supplement in understanding and assessing the performance of our site rental revenues computed in accordance with GAAP.
- Consolidated Return on Invested Capital and Segment Cash Yield are useful to investors or other interested parties in evaluating the financial performance of our assets. Management believes that these metrics are useful in assessing our efficiency at allocating capital to generate returns over time. Consolidated Return on Invested Capital and Segment Cash Yield are not meant as alternatives to GAAP measures such as revenues, operating income, Segment Site Rental Gross Margin, and certain asset classes (such as property and equipment, site rental contracts and tenant relationships, and goodwill) computed in accordance with GAAP. Such non-GAAP metrics should be considered only as a supplement in understanding and assessing the performance of our assets.

We define our non-GAAP financial measures, segment measures and other calculations as follows:

Non-GAAP Financial Measures

Adjusted EBITDA. We define Adjusted EBITDA as net income (loss) plus restructuring charges (credits), asset write-down charges, acquisition and integration costs, depreciation, amortization and accretion, amortization of prepaid lease purchase price adjustments, interest expense and amortization of deferred financing costs, (gains) losses on retirement of long-term obligations, net (gain) loss on interest rate swaps, (gains) losses on foreign currency swaps, impairment of available-for-sale securities, interest income, other (income) expense, (benefit) provision for income taxes, cumulative effect of a change in accounting principle, (income) loss from discontinued operations and stock-based compensation expense.

Adjusted Funds from Operations. We define Adjusted Funds from Operations as FFO before straight-lined revenue, straight-lined expense, stock-based compensation expense, non-cash portion of tax provision, non-real estate related depreciation, amortization and accretion, amortization of non-cash interest expense, other (income) expense, (gains) losses on retirement of long-term obligations, net (gain) loss on interest rate swaps, (gains) losses on foreign currency swaps, acquisition and integration costs, and adjustments for noncontrolling interests, and less sustaining capital expenditures.

AFFO per share. We define AFFO per share as AFFO divided by diluted weighted average common shares outstanding.

Funds from Operations. We define Funds from Operations as net income plus real estate related depreciation, amortization and accretion and asset write-down charges, less noncontrolling interest and cash paid for preferred stock dividends, and is a measure of funds from operations attributable to CCIC common stockholders.

FFO per share. We define FFO per share as FFO divided by the diluted weighted average common shares outstanding.

Organic Contribution to Site Rental Revenues. We define the Organic Contribution to Site Rental Revenues as the sum of the change in GAAP site rental revenues related to (1) new leasing activity, including revenues from the construction of small cells and the impact of prepaid rent, (2) escalators and less (3) non-renewals of tenant contracts.

Consolidated Invested Capital. We define Consolidated Invested Capital as gross investment in 1) property and equipment (excluding construction in process), 2) site rental contracts and tenant relationships, and 3) goodwill.

Consolidated Return on Invested Capital. We define Return on Invested Capital as Adjusted EBITDA less cash taxes divided by Consolidated Invested Capital.

Segment Net Invested Capital. We define Segment Net Invested Capital as gross investment in 1) property and equipment, excluding the impact of construction in process and non-productive assets (such as information technology assets and buildings), reduced by the amount of prepaid rent received from customers (excluding any deferred credits recorded in connection with acquisitions), 2) site rental contracts and tenant relationships, and 3) goodwill, excluding the impact of certain assets and liabilities (primarily deferred credits, recorded in connection with acquisitions).

Segment Cash Yield on Invested Capital. We define Segment Cash Yield on Invested Capital as Segment Site Rental Gross Margin adjusted for the impacts of 1) amortization of prepaid rent, 2) straight-lined revenues, 3) straight-lined expenses, and 4) indirect labor costs related to the Fiber segment divided by Invested Capital.

COMPANY OVERVIEW FINANCIALS & METRICS OVERVIEW OVERVIEW APPENDIX	COMPANY OVERVIEW	FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
--	------------------	----------------------	-----------------------------	----------------------------	----------

Segment Measures

Segment Site Rental Gross Margin. We define Segment Site Rental Gross Margin as segment site rental revenues less segment site rental cost of operations, excluding stock-based compensation expense and prepaid lease purchase price adjustments recorded in consolidated site rental cost of operations.

Segment Services and Other Gross Margin. We define Segment Services and Other Gross Margin as segment services and other revenues less segment services and other cost of operations, excluding stock-based compensation expense recorded in consolidated services and other cost of operations.

Segment Operating Profit. We define Segment Operating Profit as segment site rental gross margin plus segment services and other gross margin, less selling, general and administrative expenses attributable to the respective segment.

All of these measurements of profit or loss are exclusive of depreciation, amortization and accretion, which are shown separately. Additionally, certain costs are shared across segments and are reflected in our segment measures through allocations that management believes to be reasonable.

Other Calculations

Discretionary capital expenditures. We define discretionary capital expenditures as those capital expenditures made with respect to activities which we believe exhibit sufficient potential to enhance long-term stockholder value. They primarily consist of expansion or development of communications infrastructure (including capital expenditures related to (1) enhancing communications infrastructure in order to add new tenants for the first time or support subsequent tenant equipment augmentations or (2) modifying the structure of a communications infrastructure asset to accommodate additional tenants) and construction of new communications infrastructure. Discretionary capital expenditures also include purchases of land interests (which primarily relates to land assets under towers as we seek to manage our interests in the land beneath our towers), certain technology-related investments necessary to support and scale future customer demand for our communications infrastructure, and other capital projects.

Integration capital expenditures. We define integration capital expenditures as those capital expenditures made as a result of integrating acquired companies into our business.

Sustaining capital expenditures. We define sustaining capital expenditures as those capital expenditures not otherwise categorized as either discretionary or integration capital expenditures, such as (1) maintenance capital expenditures on our communications infrastructure assets that enable our tenants' ongoing quiet enjoyment of the communications infrastructure and (2) ordinary corporate capital expenditures.

The tables set forth on the following pages reconcile certain non-GAAP financial measures used herein to comparable GAAP financial measures. The components in these tables may not sum to the total due to rounding.

COMPANY OVERVIEW FINANCIALS & METRIC	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
--------------------------------------	-----------------------------	----------------------------	----------

Reconciliations of Non-GAAP Financial Measures to Comparable GAAP Financial Measures and Other Calculations:

Reconciliation of Historical Adjusted EBITDA:

	Three Months Ended June 30,			Six Months Ended June 30,			
	2	2020	2019		2020		2019
(dollars in millions)			(As Restated) ^{(a}	, —		(As F	Restated) ^(a)
Net income (loss)	\$	200	\$ 216	5 \$	386	\$	409
Adjustments to increase (decrease) net income (loss):							
Asset write-down charges		3	()	7		12
Acquisition and integration costs		2	2	2	7		6
Depreciation, amortization and accretion		402	393	5	801		787
Amortization of prepaid lease purchase price adjustments		4	4	;	9		10
Interest expense and amortization of deferred financing costs ^(b)		178	169)	353		337
(Gains) losses on retirement of long-term obligations		—	1				2
Interest income		(1)	(1)	(2)		(3)
Other (income) expense		—	_	-			1
(Benefit) provision for income taxes		6	2	ļ	11		10
Stock-based compensation expense		37	32	2	73		61
Adjusted EBITDA ^{(c)(d)}	\$	831	\$ 827	\$	1,645	\$	1,632

Reconciliation of Current Outlook for Adjusted EBITDA:

(dollars in millions)	Full Year 2020 Outlook
Net income (loss)	\$903 to \$983
Adjustments to increase (decrease) net income (loss):	
Asset write-down charges	\$20 to \$30
Acquisition and integration costs	\$7 to \$17
Depreciation, amortization and accretion	\$1,503 to \$1,598
Amortization of prepaid lease purchase price adjustments	\$18 to \$20
Interest expense and amortization of deferred financing costs ^(b)	\$691 to \$736
(Gains) losses on retirement of long-term obligations	\$95 to \$95
Interest income	\$(7) to \$(3)
Other (income) expense	\$(1) to \$1
(Benefit) provision for income taxes	\$16 to \$24
Stock-based compensation expense	\$126 to \$130
Adjusted EBITDA ^{(c)(d)}	\$3,479 to \$3,524

Components of Historical Interest Expense and Amortization of Deferred Financing Costs:

	Th	ree Months	Ended	June 30,
(dollars in millions)	2	020		2019
Interest expense on debt obligations	\$	176	\$	169
Amortization of deferred financing costs and adjustments on long-term debt, net		6		5
Other, net		(4)		(5)
Interest expense and amortization of deferred financing costs	\$	178	\$	169

(a) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

(b) See the reconciliation of "components of current outlook for interest expense and amortization of deferred financing costs" herein.

(c) See "Definitions of Non-GAAP Measures, Segment Measures and Other Calculations" herein for a discussion of our definition of Adjusted EBITDA.

(d) The above reconciliation excludes line items included in our definition which are not applicable for the periods shown.

COMPANY OVERVIEW FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
---------------------------------------	-----------------------------	----------------------------	----------

Components of Current Outlook for Interest Expense and Amortization of Deferred Financing Costs:

(dollars in millions)	Full Year 2020 Outlook
Interest expense on debt obligations	\$703 to \$723
Amortization of deferred financing costs and adjustments on long-term debt, net	\$20 to \$25
Other, net	\$(24) to \$(19)
Interest expense and amortization of deferred financing costs	\$691 to \$736

Reconciliation of Historical FFO and AFFO:

	Thre	Three Months Ended June 30,				Six Months Ended June 30,			
	2	2020	1	2019		2020		2019	
(amounts in millions, except per share amounts)			(As R	estated) ^(f)			(As F	Restated) ^(f)	
Net income (loss)	\$	200	\$	216	\$	386	\$	409	
Real estate related depreciation, amortization and accretion		389		379		774		759	
Asset write-down charges		3		6		7		12	
Dividends/distributions on preferred stock		(28)		(28)		(57)		(57)	
FFO ^{(a)(b)(c)(d)}	\$	564	\$	573	\$	1,110	\$	1,122	
Weighted-average common shares outstanding-diluted ^(e)		419		418		418		417	
FFO per share ^{(a)(b)(c)(d)(e)}	\$	1.35	\$	1.37	\$	2.66	\$	2.69	
FFO (from above)	\$	564	\$	573	\$	1,110	\$	1,122	
Adjustments to increase (decrease) FFO:									
Straight-lined revenue		(10)		(23)		(23)		(40)	
Straight-lined expense		20		24		40		46	
Stock-based compensation expense		37		32		73		61	
Non-cash portion of tax provision		5		(4)		9		1	
Non-real estate related depreciation, amortization and accretion		13		14		27		28	
Amortization of non-cash interest expense		2		—		3		1	
Other (income) expense		_		_		_		1	
(Gains) losses on retirement of long-term obligations		—		1		—		2	
Acquisition and integration costs		2		2		7		6	
Sustaining capital expenditures		(24)		(30)		(44)		(51)	
AFFO ^{(a)(b)(c)(d)}	\$	609	\$	589	\$	1,202	\$	1,177	
Weighted-average common shares outstanding-diluted ^(e)		419		418		418		417	
AFFO per share ^{(a)(b)(c)(d)(e)}	\$	1.45	\$	1.41	\$	2.88	\$	2.82	

(a) See "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for a discussion of our definitions of FFO, including per share amounts, and AFFO, including per share amounts.

(b) FFO and AFFO are reduced by cash paid for preferred stock dividends during the period in which they are paid.

(c) Attributable to CCIC common stockholders.

(d) The above reconciliation excludes line items included in our definition which are not applicable for the periods shown.

(e) For all periods presented, the diluted weighted-average common shares outstanding does not include any assumed conversion of preferred stock in the share count.

(f) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY OVERVIEW FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
---------------------------------------	-----------------------------	----------------------------	----------

Reconciliation of Historical FFO and AFFO:

	Year Ended December 31,							
	 2019		2018		2017		2016	
(amounts in millions, except per share amounts)	 			(As]	Restated) ^(f)			
Net income (loss)	\$ 860	\$	622	\$	366	\$	306	
Real estate related depreciation, amortization and accretion	1,517		1,471		1,210		1,082	
Asset write-down charges	19		26		17		35	
Dividends/distributions on preferred stock	(113)		(113)		(30)		(44)	
FFO ^{(a)(b)(c)(d)}	\$ 2,284	\$	2,005	\$	1,563	\$	1,379	
Weighted-average common shares outstanding-diluted ^(e)	418		415		383		341	
FFO per share ^{(a)(b)(c)(d)(e)}	\$ 5.47	\$	4.83	\$	4.08	\$	4.04	
FFO (from above)	\$ 2,284	\$	2,005	\$	1,563	\$	1,379	
Adjustments to increase (decrease) FFO:	<u> </u>		,		<u> </u>		<u>,</u>	
Straight-lined revenue	(80)		(72)		_		(47)	
Straight-lined expense	93		90		93		94	
Stock-based compensation expense	116		108		96		97	
Non-cash portion of tax provision	5		2		9		7	
Non-real estate related depreciation, amortization and accretion	55		56		31		27	
Amortization of non-cash interest expense	1		7		9		14	
Other (income) expense	(1)		(1)		(1)		9	
(Gains) losses on retirement of long-term obligations	2		106		4		52	
Acquisition and integration costs	13		27		61		18	
Sustaining capital expenditures	(117)		(105)		(85)		(90)	
AFFO ^{(a)(b)(c)(d)}	\$ 2,371	\$	2,223	\$	1,781	\$	1,559	
Weighted-average common shares outstanding-diluted ^(e)	418		415		383		341	
AFFO per share ^{(a)(b)(c)(d)(e)}	\$ 5.68	\$	5.36	\$	4.65	\$	4.57	

(a) See "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for a discussion of our definitions of FFO, including per share amounts, and AFFO, including per share amounts.

(b) FFO and AFFO are reduced by cash paid for preferred stock dividends during the period in which they are paid.

(c) Attributable to CCIC common stockholders.

(d) The above reconciliation excludes line items included in our definition which are not applicable for the periods shown.

(e) For all periods presented, the diluted weighted-average common shares outstanding does not include any assumed conversion of preferred stock in the share count.

(f) See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.

COMPANY OVERVIEW FINANCIALS & METRICS	SET PORTFOLIO CAPITALIZATION OVERVIEW OVERVIEW	APPENDIX
---------------------------------------	---	----------

Reconciliation of Current Outlook for FFO and AFFO:

(amounts in millions, except per share amounts)	Full Year 2020 Outlook
Net income (loss)	\$ 903 to \$983
Real estate related depreciation, amortization and accretion	1,454 to 1,534
Asset write-down charges	\$20 to \$30
Dividends/distributions on preferred stock	\$(85) to \$(85)
FFO ^{(a)(b)(c)(d)}	\$2,354 to \$2,399
Weighted-average common shares outstanding-diluted ^(e)	424
FFO per share ^{(a)(b)(c)(d)(e)}	\$5.55 to \$5.65
	\$2.254 × \$2.200
FFO (from above)	\$2,354 to \$2,399
Adjustments to increase (decrease) FFO:	
Straight-lined revenue	\$(53) to \$(33)
Straight-lined expense	\$70 to \$90
Stock-based compensation expense	\$126 to \$130
Non-cash portion of tax provision	\$(6) to \$9
Non-real estate related depreciation, amortization and accretion	\$49 to \$64
Amortization of non-cash interest expense	\$(4) to \$6
Other (income) expense	\$(1) to \$1
(Gains) losses on retirement of long-term obligations	\$95 to \$95
Acquisition and integration costs	\$7 to \$17
Sustaining capital expenditures	\$(123) to \$(103)
AFFO ^{(a)(b)(c)(d)}	\$2,572 to \$2,617
Weighted-average common shares outstanding—diluted ^(e)	424
AFFO per share ^{(a)(b)(c)(d)(e)}	\$6.06 to \$6.17

(a) See "Non-GAAP Financial Measures, Segment Measures and Other Calculations" herein for a discussion of our definitions of FFO, including per share amounts, and AFFO, including per share amounts.

(b) FFO and AFFO are reduced by cash paid for preferred stock dividends during the period in which they are paid.

(c) Attributable to CCIC common stockholders.

(d) The above reconciliation excludes line items included in our definition which are not applicable for the periods shown.

(e) The assumption for diluted weighted-average common shares outstanding for full year 2020 Outlook is based on the diluted common shares outstanding as of June 30, 2020 and is inclusive of the assumed conversion of preferred stock in August 2020, which we expect to result in (1) an increase in the diluted weighted-average common shares outstanding by approximately 6 million shares and (2) a reduction in the amount of annual preferred stock dividends paid by approximately \$28 million when compared to full year 2019 actual results.

COMPANY OVERVIEW FINANCIALS & METRICS	ASSET PORTFOLIO OVERVIEW	CAPITALIZATION OVERVIEW	APPENDIX
---------------------------------------	-----------------------------	----------------------------	----------

Net Debt to Last Quarter Annualized Adjusted EBITDA Calculation^(a):

	Three Months Ended June 30,				
(dollars in millions)		2020			
Total face value of debt	\$	21,271	\$	17,681	
Ending cash, cash equivalents and restricted cash		2,673		429	
Total net debt	\$	18,598	\$	17,252	
Adjusted EBITDA	\$	831	\$	827 ^(b)	
Last quarter annualized Adjusted EBITDA		3,324		3,308 ^(b)	
Net debt to Last Quarter Annualized Adjusted EBITDA		5.6x		5.2x ^(b)	

Cash Interest Coverage Ratio Calculation^(a):

	 Three Months Ended June 30,				
(dollars in millions)	2020 2019				
Adjusted EBITDA	\$ 831	\$	827 ^(b)		
Interest expense on debt obligations	176		169		
Interest Coverage Ratio	4.7x		4.9 x		

(a) Does not reflect (1) the July 2020 redemption of the Senior Notes and (2) the use of net proceeds from the June 2020 senior notes offering, together with available cash, to redeem the Senior Notes.

(a) As restated. See our Annual Report on Form 10-K for the year ended December 31, 2019 for further information.