UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): November 6, 2017

National Storage Affiliates Trust

(Exact name of registrant as specified in its charter)

Maryland (State or other jurisdiction of incorporation) 001-37351 (Commission File Number) 46-5053858 (IRS Employer Identification No.)

5200 DTC Parkway Suite 200 Greenwood Village, Colorado 80111 (Address of principal executive offices)

(720) 630-2600 (Registrant's telephone number, including area code)

ITEM 2.02. Results of Operations and Financial Condition.

On November 6, 2017, National Storage Affiliates Trust (the "Company") issued an earnings release and supplemental schedules announcing its financial results for the quarter ended September 30, 2017. A copy of the earnings release and supplemental schedules are attached hereto as Exhibit 99.1 and is incorporated by reference herein. The Company will hold its third quarter 2017 earnings conference call on Tuesday, November 7, 2017 at 1:00 p.m. Eastern Time. You may join the conference call through an Internet webcast accessed through the Company's website at www.nationalstorageaffiliates.com. Alternatively, you may join the conference call by telephone by dialing 877-407-9711, or 412-902-1014 for international callers. If you wish to participate, please call approximately five minutes before the conference call is scheduled to begin.

If you are unable to join the live conference call, you may access the replay for one week through Tuesday, November 14, 2017, by dialing 877-660-6853, or 201-612-7415 for international callers, and using Conference ID 13646795, or you may access the webcast replay for 30 days through the Company's website at www.nationalstorageaffiliates.com.The full text of the earnings release and supplemental schedules are also available through the Company's website at http://ir.nationalstorageaffiliates.com/quarterly-reporting. The information contained on the Company's website is not incorporated by reference herein.

ITEM 9.01. Financial Statements and Exhibits.

The following exhibits are furnished with this report:

Exhibit Number Description

<u>99.1</u> Third Quarter 2017 Earnings Release dated November 6, 2017

SIGNATURE

Pursuant to the requirements 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.

Date: November 6, 2017

NATIONAL STORAGE AFFILIATES TRUST

By: /s/ TAMARA D. FISCHER

Tamara D. Fischer

Executive Vice President and Chief Financial Officer

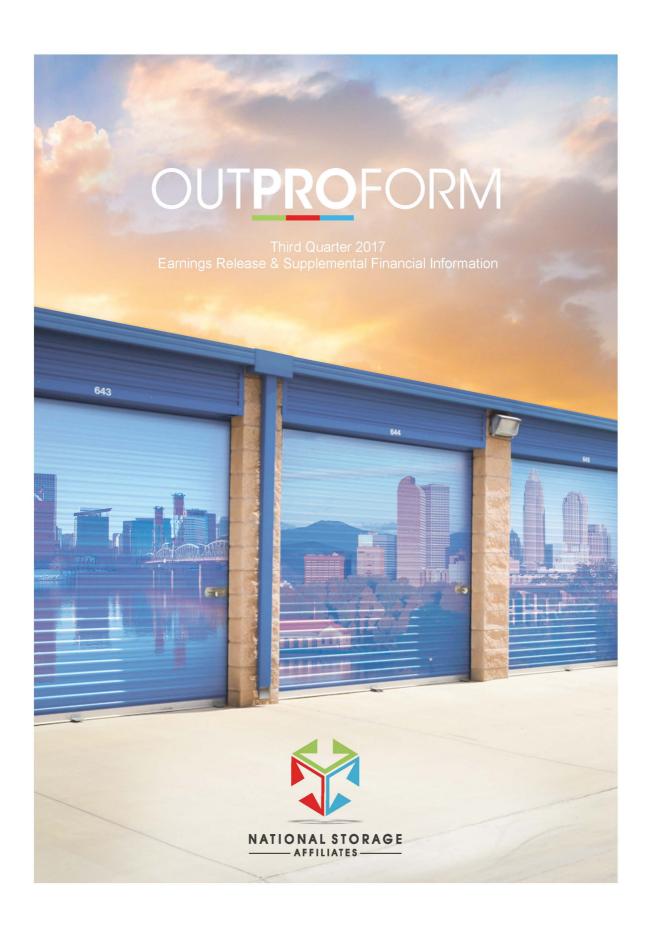




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National Storage Affiliates Trust Reports Third Quarter 2017 Results; Net Income Increases \$3.3 million; Core FFO per Share Increases 13.8%; Same Store NOI Increases 6.7%; Acquired 19 Self Storage Properties

GREENWOOD VILLAGE, Colo. - (BUSINESS WIRE) - National Storage Affiliates Trust ("NSA" or the "Company") (NYSE: NSA) today reported the Company's third quarter 2017 results.

Key Highlights

- Net income was \$11.2 million for the third quarter of 2017, an increase of \$3.3 million compared to \$7.9 million for the third quarter of 2016.
- Core funds from operations ("Core FFO") was \$23.8 million, or \$0.33 per share, for the third quarter of 2017, an increase of 13.8% per share compared to \$18.2 million, or \$0.29 per share, for the third quarter of 2016.
- Same store NOI was \$30.5 million for the third quarter of 2017, an increase of 6.7% compared to \$28.6 million for the third quarter of 2016, driven by an increase of 5.4% in same store total revenues and a 2.4% increase in same store property operating expenses.
- Same store average annualized rental revenue per occupied square foot was \$11.83 for the third quarter of 2017, an increase of 5.7% compared to \$11.19 for the third quarter of 2016.
- Acquired 19 self storage properties during the third quarter of 2017 for \$123.8 million.

Arlen Nordhagen, Chief Executive Officer and Chairman, commented, "As expected, we had another great quarter with strong year-over-year increases in same store NOI and Core FFO per share. We acquired 19 properties for \$124 million during the third quarter and closed on an additional 28 properties for \$175 million subsequent to September 30. When combined with the \$59 million of joint venture acquisitions we've completed thus far in 2017, we've acquired and made investments in 67 properties totaling nearly \$460 million in value. In October we completed our first public perpetual preferred share offering for gross proceeds of \$173 million. We were very pleased by how well our first preferred offering was received as we further strengthen our balance sheet by broadening our sources of capital. The preferred offering and the \$85 million of secured debt financing that we completed during the third quarter provide us the financial flexibility to continue to execute on our growth strategy as we close out 2017 and look ahead to 2018."



Financial Results

(\$ in thousands, except per share and unit data)	Three Months Ended September 30,									
		2017		2016	Growth					
Net income	\$	11,226	\$	7,944	41.3 %					
	' <u>-</u>									
Funds From Operations ("FFO") ⁽¹⁾	\$	23,650	\$	16,510	43.2 %					
Add back acquisition costs and NSA's share of unconsolidated real estate venture acquisition costs		140		1,737	(91.9)%					
Core FFO ⁽¹⁾	\$	23,790	\$	18,247	30.4 %					
Earnings (loss) per share - basic	\$	0.03	\$	_	— %					
Earnings (loss) per share - diluted	\$	0.03	\$		— %					
	'									
FFO per share and unit ⁽¹⁾	\$	0.32	\$	0.26	23.1 %					
Core FFO per share and unit 11)	\$	0.33	\$	0.29	13.8 %					

⁽¹⁾ Non-GAAP financial measures, including FFO, Core FFO and NOI, are reconciled to their most directly comparable GAAP measure and defined (together with other words and phrases used herein) in the Schedules to this press release and in the supplemental financial information.

Third quarter 2017 net income increased \$3.3 million, driven primarily by incremental NOI generated from 65 self storage properties acquired between October 1, 2016 and September 30, 2017 and same store NOI growth, partially offset by increases in depreciation and amortization, interest expense and general and administrative expenses.

Third quarter 2017 basic earnings per share increased \$0.03 per share and diluted earnings per share increased \$0.03 per share. In addition to the items affecting net income described above, the comparison of earnings per share amounts between periods is affected by the allocation of net income to noncontrolling interests pursuant to GAAP. Additional information on NSA's allocation of net income (loss) can be found in the Glossary to the supplemental financial information under "Hypothetical Liquidation at Book Value Method."

Third quarter 2017 FFO per share increased 23.1% and Core FFO per share increased 13.8%. The increases in FFO and Core FFO were primarily the result of \$6.3 million of incremental NOI from 65 self storage properties acquired between October 1, 2016 and September 30, 2017, same store NOI growth of \$1.9 million, \$2.0 million of management fees and other revenue and \$1.3 million of the Company's share of FFO and Core FFO from its unconsolidated real estate venture, partially offset by increases of \$2.2 million of general and administrative expenses, \$2.9 million of interest expense and \$2.1 million of distributions to subordinated performance unitholders.



Total Consolidated Portfolio Operating Results

(\$ in thousands, except per square foot data)	Three Months Ended September 30,									
	<u> </u>	2017		2016	Growth					
Total rental and other property-related revenue	\$	66,860	\$	52,949	26.3 %					
Property operating expenses		21,618		17,330	24.7 %					
Net Operating Income (NOI)	\$	45,242	\$	35,619	27.0 %					
Average Occupancy		90.4%		91.0%	(0.6)%					
Average Annualized Rental Revenue Per Occupied Square Foot	\$	11.61	\$	11.24	3.3 %					

Third quarter 2017 total rental and other property-related revenue increased 26.3%, driven by \$9.6 million of incremental revenues from 65 self storage properties acquired between October 1, 2016 and September 30, 2017 and a \$2.2 million increase in same store total revenues.

Third quarter 2017 total property operating expenses increased 24.7% resulting from \$3.3 million of incremental property operating expenses generated by 65 self storage properties acquired between October 1, 2016 and September 30, 2017, and an increase of \$0.3 million in same store property operating expenses.

Total consolidated portfolio NOI was \$45.2 million for the third quarter of 2017, an increase of 27.0% compared to NOI of \$35.6 million for the third quarter of 2016.

NSA's consolidated portfolio included 413 self storage properties, approximately 25.2 million rentable square feet, with period-end occupancy of 89.9% as of September 30, 2017.

Same Store Operating Results (277 Properties)

(\$ in thousands, except per square foot data)	Three Months Ended September 30,									
		2017		2016	Growth					
Total rental and other property-related revenue	\$	44,117	\$	41,875	5.4 %					
Property operating expenses		13,595		13,275	2.4 %					
Net Operating Income (NOI)	\$	30,522	\$	28,600	6.7 %					
NOI Margin		69.2%		68.3%	0.9 %					
Average Occupancy		90.9%		91.4%	(0.5)%					
Average Annualized Rental Revenue Per Occupied Square Foot	\$	11.83	\$	11.19	5.7 %					

Year-over-year, third quarter 2017 same store total revenues increased 5.4%, driven by a 5.7% increase in average annualized rental revenue per occupied square foot partially offset by a 50 basis point decrease in average occupancy. Same store property operating expenses were \$13.6 million for the third quarter of 2017, an increase of 2.4% compared to \$13.3 million for the third quarter of 2016 driven primarily by property tax expense increases.



Investment Activity

During the third quarter of 2017, NSA invested \$123.8 million in the acquisition of 19 self storage properties located in nine states, encompassing over 1.3 million rentable square feet configured in approximately 10,200 storage units.

Subsequent to September 30, 2017, NSA acquired 28 additional self storage properties located in eight states, for a total investment of approximately \$174.5 million encompassing approximately 1.8 million rentable square feet configured in approximately 13,700 storage units. NSA's unconsolidated real estate venture also invested approximately \$9.3 million in a self storage property encompassing approximately 0.1 million rentable square feet configured in approximately 430 storage units.

Balance Sheet

In August 2017, NSA entered into an agreement with a single lender for an \$84.9 million debt financing secured by 22 of the Company's self storage properties. This interest-only loan matures in August 2027 and has a fixed interest rate of 4.14%. The net proceeds from the debt financing were used to repay amounts outstanding under NSA's revolving line of credit.

In October 2017, NSA completed an underwritten public offering of 6,900,000 of its 6.000% Series A Cumulative Redeemable Preferred Shares of Beneficial Interest ("Preferred Shares"), which included 900,000 Preferred Shares sold upon the exercise in full by the underwriters of their option to purchase additional Preferred Shares, resulting in gross proceeds to the Company of approximately \$173 million. Generally, the Preferred Shares become redeemable by the Company beginning in October 2022 for a cash redemption price of \$25.00 per share. NSA used the net proceeds from the offering to repay amounts outstanding under its revolving line of credit, and subsequently redrew under its revolving line of credit to fund the self storage property acquisitions described above.

Dividends

On August 24, 2017, NSA's Board of Trustees declared a quarterly cash dividend of \$0.26 per common share, which was paid on September 29, 2017 to shareholders of record as of September 15, 2017.

2017 Guidance

NSA reaffirms its previously provided guidance estimates for the year ended December 31, 2017.

Supplemental Financial Information

The full text of this earnings release and supplemental financial information, including certain financial information referenced in this release, are available on NSA's website at http://ir.nationalstorageaffiliates.com/quarterly-reporting and as exhibit 99.1 to the Company's Form 8-K furnished to the SEC on November 6, 2017.



Non-GAAP Financial Measures & Glossary

This press release contains certain non-GAAP financial measures. These non-GAAP measures are presented because NSA's management believes these measures help investors understand NSA's business, performance and ability to earn and distribute cash to its shareholders by providing perspectives not immediately apparent from net income (loss). These measures are also frequently used by securities analysts, investors and other interested parties. The presentation of FFO, Core FFO and NOI in this press release are not intended to be considered in isolation or as a substitute for, or superior to, the financial information prepared and presented in accordance with GAAP. In addition, NSA's method of calculating these measures may be different from methods used by other companies, and, accordingly, may not be comparable to similar measures as calculated by other companies that do not use the same methodology as NSA. These measures, and other words and phrases used herein, are defined in the Glossary in the supplemental financial information and, where appropriate, reconciliations of these measures and other non-GAAP financial measures to their most directly comparable GAAP measures are included in the Schedules to this press release and in the supplemental financial information.

Quarterly Teleconference and Webcast

The Company will host a conference call at 1:00pm Eastern Time on Tuesday, November 7, 2017 to discuss its financial results. At the conclusion of the call, management will accept questions from certified financial analysts. All other participants are encouraged to listen to a webcast of the call by accessing the link found on the Company's website at www.nationalstorageaffiliates.com.

Conference Call and Webcast:

Date/Time: Tuesday, November 7, 2017, 1:00pm ET Webcast available at: www.nationalstorageaffiliates.com

Domestic (Toll Free US & Canada): 877.407.9711

International: 412.902.1014

Replay:

Domestic (Toll Free US & Canada): 877.660.6853

International: 201.612.7415 Conference ID: 13646795

A replay of the call will be available for one week through Tuesday, November 14, 2017. A replay of the webcast will be available for 30 days on NSA's website at www.nationalstorageaffiliates.com.

Upcoming Industry Conferences

NSA management is scheduled to participate in the upcoming NAREIT REITWorld 2017 Annual Convention in Dallas, Texas on November 14 - 16, 2017.



About National Storage Affiliates Trust

National Storage Affiliates Trust is a Maryland real estate investment trust focused on the ownership, operation and acquisition of self storage properties located within the top 100 metropolitan statistical areas throughout the United States. The Company currently holds ownership interests in and operates 512 self storage properties located in 29 states with approximately 32 million rentable square feet. NSA is the sixth largest owner and operator of self storage properties among public and private companies in the U.S. For more information, please visit the Company's website at www.nationalstorageaffiliates.com. NSA is included in the MSCI US REIT Index (RMS/RMZ), the Russell 2000 Index of Companies and the S&P SmallCap 600 Index.

NOTE REGARDING FORWARD LOOKING STATEMENTS

Certain statements contained in this press release constitute forward-looking statements as such term is defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and such statements are intended to be covered by the safe harbor provided by the same. Forwardlooking statements are subject to substantial risks and uncertainties, many of which are difficult to predict and are generally beyond the Company's control. These forward-looking statements include information about possible or assumed future results of the Company's business, financial condition, liquidity, results of operations, plans and objectives. Changes in any circumstances may cause the Company's actual results to differ significantly from those expressed in any forward-looking statement. When used in this release, the words "believe," "expect," "anticipate," "estimate," "plan," "continue," "intend," "should," "may" or similar expressions are intended to identify forward-looking statements. Statements regarding the following subjects, among others, may be forward-looking: market trends in the Company's industry, interest rates, the debt and lending markets or the general economy; the Company's business and investment strategy; and the acquisition of properties, including the timing of acquisitions. For a further list and description of such risks and uncertainties, see the Company's most recent Annual Report on Form 10-K filed with the Securities and Exchange Commission, and the other documents filed by the Company with the Securities and Exchange Commission. The forward-looking statements, and other risks, uncertainties and factors are based on the Company's beliefs, assumptions and expectations of its future performance, taking into account all information currently available to the Company. Forward-looking statements are not predictions of future events. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

CONTACT:

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National Storage Affiliates Trust Consolidated Statements of Operations

(in thousands, except per share amounts) (unaudited)

	Thre		nded 0,	l September	Nine Months Ended Septemb 30,			
		2017		2016		2017		2016
REVENUE								
Rental revenue	\$	64,715	\$	51,263	\$	182,713	\$	135,548
Other property-related revenue		2,145		1,686		6,071		4,334
Management fees and other revenue		1,998				5,978		_
Total revenue		68,858		52,949		194,762		139,882
OPERATING EXPENSES								
Property operating expenses		21,618		17,330		61,170		46,064
General and administrative expenses		7,480		5,259		22,066		14,431
Depreciation and amortization		18,463		14,319		54,946		38,299
Total operating expenses		47,561		36,908		138,182		98,794
Income from operations		21,297		16,041		56,580		41,088
OTHER (EXPENSE) INCOME								
Interest expense		(9,157)		(6,265)		(24,788)		(17,050)
Loss on early extinguishment of debt		_		_		_		(136)
Equity in losses of unconsolidated real estate venture		(710)		_		(2,260)		_
Acquisition costs		(139)		(1,737)		(450)		(4,733)
Non-operating expense		(9)		(15)		(75)		(77)
Gain on sale of self storage properties		106		_		5,743		_
Other expense		(9,909)		(8,017)		(21,830)		(21,996)
Income before income taxes		11,388	-	8,024		34,750		19,092
Income tax expense		(162)		(80)		(767)		(301)
Net income		11,226		7,944		33,983		18,791
Net income attributable to noncontrolling interests		(9,955)		(7,955)		(29,790)		(9,222)
Net income (loss) attributable to National Storage Affiliates Trust	\$	1,271	\$	(11)	\$	4,193	\$	9,569
Earnings (loss) per share - basic	\$	0.03	\$		\$	0.09	\$	0.35
Earnings (loss) per share - diluted	\$	0.03	\$		\$	0.09	\$	0.25
Weighted average shares outstanding - basic		44,269		35,080		43,967		27,084
Weighted average shares outstanding - diluted		44,269		35,080		43,967		75,492
			_				_	



National Storage Affiliates Trust Consolidated Balance Sheets

(dollars in thousands, except per share amounts) (unaudited)

	Se	eptember 30, 2017	I	December 31, 2016
ASSETS				
Real estate				
Self storage properties	\$	2,075,845	\$	1,844,336
Less accumulated depreciation		(153,783)		(110,803)
Self storage properties, net	'	1,922,062		1,733,533
Cash and cash equivalents		13,673		12,570
Restricted cash		4,683		2,767
Debt issuance costs, net		2,427		3,069
Investment in unconsolidated real estate venture		88,224		81,486
Other assets, net		41,928		44,730
Assets held for sale		_		13,937
Total assets	\$	2,072,997	\$	1,892,092
LIABILITIES AND EQUITY				
Liabilities				
Debt financing	\$	1,071,854	\$	878,954
Accounts payable and accrued liabilities		27,894		21,616
Deferred revenue		12,711		12,454
Total liabilities		1,112,459		913,024
Equity				
Common shares of beneficial interest, par value \$0.01 per share. 250,000,000 shares authorized, 44,316,107 and 43,110,362 shares issued and outstanding at	t			
September 30, 2017 and December 31, 2016, respectively		443		431
Additional paid-in capital		595,354		576,365
Distributions in excess of earnings		(38,117)		(8,719)
Accumulated other comprehensive income		8,724		9,025
Total shareholders' equity		566,404		577,102
Noncontrolling interests		394,134		401,966
Total equity		960,538		979,068
Total liabilities and equity	\$	2,072,997	\$	1,892,092



Funds From Operations and Core Funds From Operations

(in thousands, except per share and unit amounts) (unaudited)

Reconciliation of Net Income to FFO and Core FFO

	Three Months Ended September 30,					Nine Months Ended September 30,				
		2017		2016		2017		2016		
Net income	\$	11,226	\$	7,944	\$	33,983	\$	18,791		
Add (subtract):										
Real estate depreciation and amortization		18,187		14,117		53,773		37,831		
Company's share of unconsolidated real estate venture real estate depreciation and amortization		2,042		_		5,832		_		
Gain on sale of self storage properties		(106)		_		(5,743)		_		
FFO attributable to subordinated performance unitholders (1)		(7,699)		(5,551)		(20,743)		(16,044)		
FFO attributable to common shareholders, OP unitholders, and LTIP unitholders		23,650		16,510		67,102		40,578		
Add:										
Acquisition costs		139		1,737		450		4,733		
Company's share of unconsolidated real estate venture acquisition costs		1		_		22		_		
Loss on early extinguishment of debt		_		_		_		136		
Core FFO attributable to common shareholders, OF unitholders, and LTIP unitholders	\$	23,790	\$	18,247	\$	67,574	\$	45,447		
Weighted average shares and units outstanding - FFO at	nd Coi	e FFO:(2)								
Weighted average shares outstanding - basic		44,269		35,080		43,967		27,084		
Weighted average restricted common shares outstanding		27		19		24		18		
Weighted average OP units outstanding		26,361		24,310		25,984		23,761		
Weighted average DownREIT OP unit equivalents outstanding		1,835		1,835		1,835		1,835		
Weighted average LTIP units outstanding		603		2,556		1,095		2,523		
Total weighted average shares and units outstanding		003	-	2,550		1,095	_	2,525		
FFO and Core FFO		73,095		63,800		72,905		55,221		
FFO per share and unit	\$	0.32	\$	0.26	\$	0.92	\$	0.73		
Core FFO per share and unit	\$	0.33	\$	0.29	\$	0.93	\$	0.82		

⁽¹⁾ Amounts represent distributions declared for subordinated performance unitholders and DownREIT subordinated performance unitholders for the periods presented.

⁽²⁾ NSA combines OP units and DownREIT OP units with common shares because, after the applicable lock-out periods, OP units in the Company's operating partnership are redeemable for cash or, at NSA's option, exchangeable for common shares on a one-for-one basis and DownREIT OP units are also redeemable for cash or, at NSA's option, exchangeable for OP units in the Company's operating partnership on a one-for-one basis, subject to certain adjustments in each case. Subordinated performance units, DownREIT subordinated performance units, and LTIP units may also, under certain circumstances, be convertible into or exchangeable for common shares (or other units that are convertible into or exchangeable for common shares). See footnote⁽³⁾ for additional discussion of subordinated performance units, DownREIT subordinated performance units, and LTIP units in the calculation of FFO and Core FFO per share and unit.



Supplemental Schedule 1 (continued)

Funds From Operations and Core Funds From Operations

(in thousands, except per share and unit amounts) (unaudited)

Reconciliation of Earnings (Loss) Per Share - Diluted to FFO and Core FFO Per Share and Unit

	Three	Months E	September	Nine Months Ended September 30,				
		2017	2016		2017		2016	
Earnings (loss) per share - diluted	\$	0.03	\$ _	\$	0.09	\$	0.25	
Impact of the difference in weighted average number of shares ⁽³⁾		(0.02)	_		(0.04)		0.09	
Impact of GAAP accounting for noncontrolling interests, two-class method and treasury stock method ⁽⁴⁾		0.14	0.13		0.41		_	
Add real estate depreciation and amortization		0.25	0.22		0.74		0.68	
Add Company's share of unconsolidated real estate venture real estate depreciation and amortization		0.03	_		0.08		_	
Subtract gain on sale of self storage properties		_	_		(80.0)		_	
FFO attributable to subordinated performance unitholders		(0.11)	(0.09)		(0.28)		(0.29)	
FFO per share and unit		0.32	0.26		0.92		0.73	
Add acquisition costs, Company's share of unconsolidated real estate venture acquisition costs, and loss on early extinguishment of debt		0.01	0.03		0.01		0.09	
Core FFO per share and unit	\$	0.33	\$ 0.29	\$	0.93	\$	0.82	

⁽³⁾ Adjustment accounts for the difference between the weighted average number of shares used to calculate diluted earnings per share and the weighted average number of shares used to calculate FFO and Core FFO per share and unit. Diluted earnings per share is calculated using the two-class method for the company's restricted common shares, the treasury stock method for certain unvested LTIP units, and includes the assumption of a hypothetical conversion of subordinated performance units, DownREIT subordinated performance units and LTIP units into OP units, even though such units may only be convertible into OP units (i) after a lock-out period and (ii) upon certain events or conditions. For additional information about the conversion of subordinated performance units and DownREIT subordinated performance units into OP units, see Note 10 to the Company's most recent Annual Report on Form 10-K, filed with the Securities and Exchange Commission. The computation of weighted average shares and units for FFO and Core FFO per share and unit includes all restricted common shares and LTIP units that participate in distributions and excludes all subordinated performance units and DownREIT subordinated performance units because their effect has been accounted for through the allocation of FFO to the related unitholders based on distributions declared.

⁽⁴⁾ Represents the effect of adjusting the numerator to consolidated net income (loss) prior to GAAP allocations for noncontrolling interests and the application of the two-class method and treasury stock method, as described in footnote (3).



Other Non-GAAP Financial Measurements

(dollars in thousands) (unaudited)

Net Operating Income

	Thre		nded 0,	d September	Nine Months Ended September 30,			
	2017			2016	2017			2016
Net income	\$	11,226	\$	7,944	\$	33,983	\$	18,791
(Subtract) add:								
Management fees and other revenue		(1,998)		_		(5,978)		_
General and administrative expenses		7,480		5,259		22,066		14,431
Depreciation and amortization		18,463		14,319		54,946		38,299
Interest expense		9,157		6,265		24,788		17,050
Equity in losses of unconsolidated real estate venture		710		_		2,260		_
Loss on early extinguishment of debt		_		_		_		136
Acquisition costs		139		1,737		450		4,733
Income tax expense		162		80		767		301
Gain on sale of self storage properties		(106)		_		(5,743)		_
Non-operating expense		9		15		75		77
Net Operating Income	\$	45,242	\$	35,619	\$	127,614	\$	93,818

EBITDA and Adjusted EBITDA

	Three Months Ended September 30,					Nine Months Ended September 30,				
		2017	2016		2017			2016		
Net income	\$	11,226	\$	7,944	\$	33,983	\$	18,791		
Add:										
Depreciation and amortization		18,463		14,319		54,946		38,299		
Company's share of unconsolidated real estate venture depreciation and amortization		2,042		_		5,832		_		
Interest expense		9,157		6,265		24,788		17,050		
Income tax expense		162		80		767		301		
Loss on early extinguishment of debt		_		_		_		136		
EBITDA		41,050		28,608		120,316		74,577		
Add (subtract):										
Acquisition costs		139		1,737		450		4,733		
Company's share of unconsolidated real estate venture acquisition costs		1		_		22		_		
Gain on sale of self storage properties		(106)		_		(5,743)		_		
Equity-based compensation expense(1)		921		685		2,844		1,913		
Adjusted EBITDA	\$	42,005	\$	31,030	\$	117,889	\$	81,223		

⁽¹⁾ Equity-based compensation expense is a non-cash item that is included in general and administrative expenses in NSA's consolidated statements of operations.



Portfolio Summary

(dollars in thousands) (unaudited)

Total Consolidated and Unconsolidated Property Portfolio

		at Period End Units at Period End tember 30, September 30, Rentable Square Feet at Period End September 30, 30,				•	incy at Peri eptember 3		
State	2017	2016	2017	2016	2017	2016	2017	2016	Growth
California	80	73	48,118	43,152	6,071,309	5,369,252	92.0%	92.0%	_
Oregon	56	53	22,724	21,456	2,866,738	2,728,903	89.3%	91.8%	(2.5)%
Texas	54	51	21,375	20,019	3,069,882	2,820,930	89.6%	88.1%	1.5 %
Oklahoma	30	30	13,934	14,007	1,903,204	1,902,990	86.3%	86.7%	(0.4)%
North Carolina	29	30	13,104	13,438	1,599,784	1,655,191	91.8%	89.3%	2.5 %
Florida	28	16	20,513	13,332	1,942,173	1,126,071	87.9%	86.5%	1.4 %
Georgia	21	20	7,381	6,578	985,053	886,567	93.9%	94.4%	(0.5)%
Arizona	16	15	9,101	8,405	1,061,929	981,617	90.1%	90.7%	(0.6)%
Washington	15	14	5,065	4,788	644,700	601,840	91.7%	90.6%	0.6 %
Indiana	14	6	7,844	3,164	1,007,545	462,366	85.0%	83.6%	1.4 %
Nevada	11	5	5,754	2,766	727,352	360,852	94.2%	93.9%	0.3 %
Colorado	10	9	4,634	4,131	564,359	503,746	95.0%	95.0%	_
Louisiana	10	10	4,520	4,443	630,023	614,183	84.4%	88.6%	(4.2)%
New Hampshire	10	9	4,187	3,669	509,125	444,225	88.9%	92.9%	(4.0)%
Ohio	7	_	2,690	_	348,838	_	87.3%	_	_
South Carolina	4	4	1,211	1,210	147,530	147,530	91.5%	91.3%	0.2 %
Illinois	4	_	1,992	_	270,911	_	82.0%	_	_
Other(1)	14	7	6,220	3,166	838,339	441,057	87.8%	85.4%	2.4 %
Total Consolidated/Weighted							· · · · · · · · · · · · · · · · · · ·		
Average	413	352	200,367	167,724	25,188,794	21,047,320	89.9%	90.1%	(0.2)%
Total Unconsolidated/Weighted Average ⁽²⁾	70		38,681		4,865,539		87.9%		
Total Consolidated and Unconsolidated/Weighted Average	483	352	239,048	167,724	30,054,333	21,047,320	89.6%	90.1%	(0.5)%

⁽¹⁾ Other states in NSA's consolidated portfolio as of September 30, 2017 include Alabama, Kentucky, Maryland, Massachusetts, Mississippi, Missouri, New Mexico and Virginia.

⁽²⁾ Refer to Supplemental Schedule 5 for additional information about NSA's unconsolidated real estate venture.



Supplemental Schedule 3 (continued)

Portfolio Summary

(dollars in thousands) (unaudited)

2017 Acquisition & Investment Activity

Self storage				Summary of Investment																
properties acquired during the quarter ended:	Stores	Units	Rentable Square Feet		Cash and Acquisition Value of OP Costs Equity		Acquisition		Acquisition		Acquisition		Acquisition		Acquisition		Othe	er Liabilities		Total
March 31, 2017	5	2,239	267,008	\$	26,780	\$	4,964	\$	183	\$	31,927									
June 30, 2017	10	4,921	668,954		60,672		8,931		387		69,990									
September 30, 2017	19	10,151	1,323,055		122,742		267		826		123,835									
Total 2017 ⁽³⁾	34	17,311	2,259,017	\$	210,194	\$	14,162	\$	1,396	\$	225,752									
Unconsolidated real estate venture (venture at 100%) ⁽⁴⁾																				
June 30, 2017	4	3,085	327,408		49,700		_		145		49,845									
Total 2017 Investments ⁽⁴⁾	38	20,396	2,586,425	\$	259,894	\$	14,162	\$	1,541	\$	275,597									

2017 Disposition Activity

Dispositions Closed During the Quarter Ended:	Stores	Units	Rentable Square Feet	Gross Proceeds
March 31, 2017	1	360	43,935	\$ 5,300
June 30, 2017	2	814	114,444	10,250
Total 2017 Dispositions ⁽⁵⁾	3	1,174	158,379	\$ 15,550

⁽³⁾ NSA acquired self storage properties located in Arizona, California, Florida, Georgia, Illinois, Maryland, Massachusetts, Missouri, New Hampshire, Nevada, North Carolina, Oregon, Texas, Virginia and Washington during 2017.

⁽⁴⁾ Values represent entire unconsolidated real estate venture at 100%, not NSA's proportionate share. NSA's ownership in the unconsolidated real estate venture is 25%. Refer to Supplemental Schedule 5 for additional information about NSA's unconsolidated real estate venture.

⁽⁵⁾ NSA disposed of self storage properties located in California and North Carolina during 2017.



Debt and Equity Capitalization As of September 30, 2017

(dollars in thousands) (unaudited)

Debt Balances and Characteristics

	Effective Interest Rate (1)	Weighted Average Maturity (In Years)		Balance
Credit Facility:				
Revolving line of credit	2.63%	2.60	\$	201,000
Term loan - 5 year tranche	2.63%	3.60		235,000
Term loan - 6 year tranche	3.24%	4.60		155,000
Term loan - 7 year tranche	3.71%	6.34		105,000
Term loan - 7 year	3.08%	5.75		100,000
Fixed rate mortgages payable	4.15%	7.89		272,678
Total Principal/Weighted Average	3.26%	5.14	-	1,068,678
Unamortized debt issuance costs and debt premium, net				3,176
Total Debt			\$	1,071,854

Debt Maturities

	Average Effective Interest Rate on Maturing Debt ⁽¹⁾	Maturities as a Percent of Total Principal	Maturities
2018 1Q		_	\$
2018 2Q	2.97%	0.3%	3,157
2018 3Q	_	_	_
2018 4Q	2.88%	0.3%	2,782
Total 2018	2.93%	0.6%	5,939
2019	-	_	_
2020	2.80%	22.4%	239,105
2021	2.67%	22.4%	238,920
2022	3.24%	14.5%	155,000
2023	3.68%	16.8%	179,036
2024	3.79%	11.7%	125,471
Thereafter	4.13%	11.6%	125,207
Total Principal/Weighted Average	3.26%	100.0%	1,068,678
Unamortized debt issuance costs and debt premium, net			3,176
Total Debt			\$ 1,071,854

Debt Ratios

	Covenant	Amount
Net Debt to Annualized Current Quarter Adjusted EBITDA	n/a	6.3x
Trailing Twelve Month Fixed Charge Coverage Ratio	> 1.5x	3.8x
Total Leverage Ratio	< 60.0%	43.0%

⁽¹⁾ Effective interest rate incorporates the stated rate plus the impact of interest rate cash flow hedges and discount and premium amortization, if applicable. For the revolving line of credit, the effective interest rate excludes fees which range from 0.15% to 0.25% for unused borrowings.



Supplemental Schedule 4 (continued)

Debt and Equity Capitalization As of September 30, 2017

(unaudited)

Equity Interests

	Outstanding	If Converted
Common shares of beneficial interest	44,289,022	44,289,022
Restricted common shares	27,085	27,085
Total shares outstanding	44,316,107	44,316,107
Operating partnership units	26,401,386	26,401,386
DownREIT operating partnership unit equivalents	1,834,786	1,834,786
Total operating partnership units	28,236,172	28,236,172
Long-term incentive plan units (2)	547,396	547,396
Total shares and Class A equivalents outstanding	73,099,675	73,099,675
Subordinated performance units(3)	11,418,815	16,557,282
DownREIT subordinated performance unit equivalents(3)	4,386,999	6,361,149
Total subordinated partnership units	15,805,814	22,918,431
Total shares and units outstanding	88,905,489	96,018,106

⁽²⁾ Balances exclude 224,000 long-term incentive plan ("LTIP") units which only vest and participate in dividend distributions upon the future contribution of properties from the PROs.

⁽³⁾ If converted balance assumes that each subordinated performance unit (including each DownREIT subordinated performance unit) is convertible into OP units, notwithstanding the two-year lock-out period on conversions, and that each subordinated performance unit would on average convert on a hypothetical basis into an estimated 1.45 OP units based on historical financial information for the trailing twelve months ended September 30, 2017. The hypothetical conversions are calculated by dividing the average cash available for distribution, or CAD, per subordinated performance unit by 110% of the CAD per OP unit over the same period. The Company anticipates that as CAD grows over time, the conversion ratio will also grow, including to levels that may exceed these amounts.



Summarized Information for Unconsolidated Real Estate Venture

(dollars in thousands) (unaudited)

Unconsolidated Real Estate Venture Properties as of September 30, 2017

State	Stores at Period End	Units at Period End	Rentable Square Feet at Period End	Occupancy at Period End	3Q 2017 Average Occupancy
Florida	21	11,485	1,331,435	88.6%	87.6 %
Alabama	11	4,065	611,002	86.5 %	87.4 %
New Jersey	10	7,521	925,105	88.8%	89.6 %
California	10	6,485	867,411	85.4 %	85.2 %
Other(1)	18	9,125	1,130,586	88.8%	89.3 %
Total/Weighted Average	70	38,681	4.865.539	87.9%	87.9%

Balance Sheet Information

Total Venture at 100% (2)	Septe	December 31, 2016		
ASSETS				
Self storage properties, net	\$	651,024 \$	614,754	
Other assets		10,314	19,936	
Total assets	\$	661,338 \$	634,690	
LIABILITIES AND EQUITY				
Debt financing	\$	317,277 \$	317,047	
Other liabilities		5,880	4,498	
Equity		338,181	313,145	
Total liabilities and equity	\$	661,338 \$	634,690	

⁽¹⁾ Other states in the unconsolidated real estate venture include Arizona, Delaware, Georgia, Nevada, New Mexico, Pennsylvania, Ohio, Texas and Virginia.

⁽²⁾ Values represent entire unconsolidated real estate venture at 100%, not NSA's proportionate share. NSA's ownership in the unconsolidated real estate venture is 25%.



Supplemental Schedule 5 (continued)

Summarized Information for Unconsolidated Real Estate Venture

(dollars in thousands) (unaudited)

Operating Information for the Three Months Ended September 30, 2017

	Total Vent	Total Venture at 100% (2)				
Total revenue	\$	14,494	\$	3,623		
Property operating expenses		4,989		1,246		
Net operating income		9,505		2,377		
Supervisory, administrative and other expenses		(1,034)		(258)		
Depreciation and amortization		(8,168)		(2,042)		
Interest expense		(2,880)		(720)		
Acquisition and other expenses		(269)		(67)		
Net loss	\$	(2,846)	\$	(710)		

Operating Information for the Nine Months Ended September 30, 2017

	Total Ven	Total Venture at 100% (2)				
Total revenue	\$	40,060	\$	10,015		
Property operating expenses		13,489		3,372		
Net operating income		26,571		6,643		
Supervisory, administrative and other expenses		(2,873)		(718)		
Depreciation and amortization		(23,333)		(5,832)		
Interest expense		(8,508)		(2,127)		
Acquisition and other expenses		(902)		(226)		
Net loss	\$	(9,045)	\$	(2,260)		

⁽²⁾ Values represent entire unconsolidated real estate venture at 100%, not NSA's proportionate share. NSA's ownership in the unconsolidated real estate venture is 25%

⁽³⁾ NSA's proportionate share of its unconsolidated real estate venture is derived by applying NSA's 25% ownership interest to each line item in the GAAP financial statements of the unconsolidated real estate venture to calculate NSA's share of that line item. NSA believes this information offers insights into the financial performance of the Company, although the presentation of such information, and its combination with NSA's consolidated results, may not accurately depict the legal and economic implications of holding a noncontrolling interest in the unconsolidated real estate venture. The operating agreement of the unconsolidated real estate venture provides for the distribution of net cash flow to the unconsolidated real estate venture's investors no less than monthly, generally in proportion to the investors' respective ownership interests, subject to a promoted distribution to NSA upon the achievement of certain performance benchmarks by the non-NSA investor.



Same Store Performance Summary

(dollars in thousands, except per square foot data) (unaudited)

Three Months Ended September 30, 2017 compared to Three Months Ended September 30, 2016

		To	tal Reven	ue	Operating Expenses			Net Operating Income			Net Operating Income Margin			
State	Stores	3Q 2017	3Q 2016	Growth	3Q 2017	3Q 2016	Growth	3Q 2017	3Q 2016	Growth	3Q 2017	3Q 2016	Growth	
Oregon	50	\$ 8,755	\$ 8,435	3.8 %	\$ 2,174	\$ 2,090	4.0 %	\$ 6,581	\$ 6,345	3.7 %	75.2%	75.2%		
Texas	48	5,840	5,745	1.7 %	2,286	2,249	1.6 %	3,554	3,496	1.7 %	60.9%	60.9%	_	
California	48	11,785	10,739	9.7 %	3,389	3,312	2.3 %	8,396	7,427	13.0 %	71.2%	69.2%	2.0 %	
Oklahoma	29	3,567	3,600	(0.9)%	1,180	1,247	(5.4)%	2,387	2,353	1.4 %	66.9%	65.4%	1.5 %	
North Carolina	28	3,925	3,678	6.7 %	1,174	1,153	1.8 %	2,751	2,525	9.0 %	70.1%	68.7%	1.4 %	
Georgia	18	1,710	1,686	1.4 %	635	624	1.8 %	1,075	1,062	1.2 %	62.9%	63.0%	(0.1)%	
Washington	14	1,903	1,763	7.9 %	539	536	0.6 %	1,364	1,227	11.2 %	71.7%	69.6%	2.1 %	
Arizona	13	2,560	2,389	7.2 %	781	771	1.3 %	1,779	1,618	10.0 %	69.5%	67.7%	1.8 %	
Colorado	8	1,383	1,309	5.7 %	475	375	26.7 %	908	934	(2.8)%	65.7%	71.4%	(5.7)%	
Louisiana	5	625	589	6.1 %	233	213	9.4 %	392	376	4.3 %	62.7%	63.8%	(1.1)%	
New Hampshire	4	626	604	3.6 %	201	199	1.0 %	425	405	4.9 %	67.9%	67.1%	0.8 %	
South Carolina	4	367	358	2.5 %	144	145	(0.7)%	223	213	4.7 %	60.8%	59.5%	1.3 %	
Other ⁽¹⁾	8	1,071	980	9.3 %	384	361	6.4 %	687	619	11.0 %	64.1%	63.2%	0.9 %	
Total/Weighted Average	277	\$44,117	\$41,875	5.4 %	\$13,595	\$13,275	2.4 %	\$30,522	\$28,600	6.7 %	69.2%	68.3%	0.9 %	

⁽¹⁾ Other states in NSA's same store portfolio include Florida, Kentucky, Mississippi and Nevada.



Supplemental Schedule 6 (continued)

Same Store Performance Summary

(dollars in thousands, except per square foot data) (unaudited) (unaudited)

Three Months Ended September 30, 2017 compared to Three Months Ended September 30, 2016

		Rentable	Occupancy at Period End			Aver	age Occup	ancy	Average Annualized Rental Revenue per Occupied Square Foot		
State	Units	Square Feet	3Q 2017	3Q 2016	Growth	3Q 2017	3Q 2016	Growth	3Q 2017	3Q 2016	Growth
Oregon	20,248	2,527,121	89.2%	91.6%	(2.4)%	91.1%	94.1%	(3.0)%	\$14.97	\$13.98	7.1 %
Texas	18,476	2,624,996	89.8%	88.9%	0.9 %	90.0%	90.3%	(0.3)%	9.63	9.41	2.3 %
California	28,062	3,566,745	92.0%	91.8%	0.2 %	91.7%	92.9%	(1.2)%	13.73	12.32	11.4 %
Oklahoma	13,522	1,847,279	86.2%	86.5%	(0.3)%	86.6%	87.1%	(0.5)%	8.68	8.73	(0.6)%
North Carolina	12,581	1,536,384	91.8%	88.8%	3.0 %	92.8%	88.9%	3.9 %	10.53	10.29	2.3 %
Georgia	5,867	770,605	93.2%	94.1%	(0.9)%	93.5%	94.9%	(1.4)%	9.19	8.89	3.4 %
Washington	4,789	601,860	91.7%	90.6%	1.1 %	92.5%	91.5%	1.0 %	13.46	12.63	6.6 %
Arizona	7,256	833,120	90.5%	90.2%	0.3 %	91.6%	89.7%	1.9 %	12.88	12.25	5.1 %
Colorado	3,732	452,929	95.5%	94.8%	0.7 %	96.6%	96.7%	(0.1)%	12.34	11.68	5.7 %
Louisiana	2,283	319,030	82.5%	81.1%	1.4 %	81.6%	82.5%	(0.9)%	9.46	9.45	0.1 %
New Hampshire	1,758	209,800	92.1%	92.8%	(0.7)%	93.2%	94.4%	(1.2)%	12.40	11.79	5.2 %
South Carolina	1,211	147,530	91.5%	91.3%	0.2 %	92.1%	92.8%	(0.7)%	10.39	10.11	2.8 %
Other ⁽¹⁾	3,190	433,532	93.6%	92.9%	0.7 %	93.7%	91.3%	2.4 %	10.20	9.51	7.3 %
Total/Weighted Average	122,975	15,870,931	90.4%	90.3%	0.1 %	90.9%	91.4%	(0.5)%	\$11.83	\$11.19	5.7 %

 $^{(1) \} Other \ states \ in \ NSA's \ same \ store \ portfolio \ include \ Florida, \ Kentucky, \ Mississippi \ and \ Nevada.$



Supplemental Schedule 6 (continued)

Same Store Performance Summary

(dollars in thousands, except per square foot data) (unaudited)

Nine Months Ended September 30, 2017 compared to Nine Months Ended September 30, 2016

	Total Revenue			Oper	Operating Expenses			Net Operating Income			Net Operating Income Margin		
State	Stores	YTD 2017	YTD 2016	Growth	YTD 2017	YTD 2016	Growth	YTD 2017	YTD 2016	Growth	YTD 2017	YTD 2016	Growth
Oregon	50	\$ 25,092	\$ 23,887	5.0 %	\$ 6,468	\$ 6,272	3.1 %	\$18,624	\$17,615	5.7 %	74.2%	73.7%	0.5 %
Texas	48	17,147	16,633	3.1 %	6,583	6,621	(0.6)%	10,564	10,012	5.5 %	61.6%	60.2%	1.4 %
California	48	34,102	30,898	10.4 %	9,874	9,792	0.8 %	24,228	21,106	14.8 %	71.0%	68.3%	2.7 %
Oklahoma	29	10,542	10,670	(1.2)%	3,523	3,609	(2.4)%	7,019	7,061	(0.6)%	66.6%	66.2%	0.4 %
North Carolina	28	11,363	10,594	7.3 %	3,480	3,356	3.7 %	7,883	7,238	8.9 %	69.4%	68.3%	1.1 %
Georgia	18	5,038	4,925	2.3 %	1,907	1,876	1.7 %	3,131	3,049	2.7 %	62.1%	61.9%	0.2 %
Washington	14	5,477	5,146	6.4 %	1,600	1,550	3.2 %	3,877	3,596	7.8 %	70.8%	69.9%	0.9 %
Arizona	13	7,478	6,930	7.9 %	2,252	2,188	2.9 %	5,226	4,742	10.2 %	69.9%	68.4%	1.5 %
Colorado	8	3,922	3,805	3.1 %	1,199	1,116	7.4 %	2,723	2,689	1.3 %	69.4%	70.7%	(1.3)%
Louisiana	5	1,823	1,743	4.6 %	675	649	4.0 %	1,148	1,094	4.9 %	63.0%	62.8%	0.2 %
New Hampshire	4	1,848	1,732	6.7 %	636	632	0.6 %	1,212	1,100	10.2 %	65.6%	63.5%	2.1 %
South Carolina	4	1,078	1,042	3.5 %	418	409	2.2 %	660	633	4.3 %	61.2%	60.7%	0.5 %
Other ⁽¹⁾	8	3,077	2,835	8.5 %	1,098	1,064	3.2 %	1,979	1,771	11.7 %	64.3%	62.5%	1.8 %
Total/Weighted Average	277	\$127,987	\$120,840	5.9 %	\$39,713	\$39,134	1.5 %	\$88,274	\$81,706	8.0 %	69.0%	67.6%	1.4 %

⁽¹⁾ Other states in NSA's same store portfolio include Florida, Kentucky, Mississippi and Nevada.



Supplemental Schedule 6 (continued)

Same Store Performance Summary

(dollars in thousands, except per square foot data) (unaudited) (unaudited)

Nine Months Ended September 30, 2017 compared to Nine Months Ended September 30, 2016

		Rentable Square Feet								Average Annualized Rental Revenue per Occupied			
			Occupancy at Period End			Average Occupancy			Square Foot				
State	Units		YTD 2017	YTD 2016	Growth	YTD 2017	YTD 2016	Growth	YTD 2017	YTD 2016	Growth		
Oregon	20,248	2,527,121	89.2%	91.6%	(2.4)%	89.8%	93.1%	(3.3)%	\$14.53	\$13.37	8.7%		
Texas	18,476	2,624,996	89.8%	88.9%	0.9 %	89.0%	89.0%	_	9.52	9.20	3.5%		
California	28,062	3,566,745	92.0%	91.8%	0.2 %	91.2%	91.6%	(0.4)%	13.31	12.05	10.5%		
Oklahoma	13,522	1,847,279	86.2%	86.5%	(0.3)%	85.6%	87.3%	(1.7)%	8.65	8.63	0.2%		
North Carolina	12,581	1,536,384	91.8%	88.8%	3.0 %	91.0%	86.4%	4.6 %	10.37	10.19	1.8%		
Georgia	5,867	770,605	93.2%	94.1%	(0.9)%	92.8%	94.3%	(1.5)%	9.07	8.71	4.1%		
Washington	4,789	601,860	91.7%	90.6%	1.1 %	91.0%	92.1%	(1.1)%	13.13	12.12	8.3%		
Arizona	7,256	833,120	90.5%	90.2%	0.3 %	90.5%	86.7%	3.8 %	12.65	12.24	3.3%		
Colorado	3,732	452,929	95.5%	94.8%	0.7 %	94.4%	95.2%	(0.8)%	11.92	11.49	3.7%		
Louisiana	2,283	319,030	82.5%	81.1%	1.4 %	79.9%	82.0%	(2.1)%	9.52	9.38	1.5%		
New Hampshire	1,758	209,800	92.1%	92.8%	(0.7)%	93.2%	91.9%	1.3 %	12.22	11.62	5.2%		
South Carolina	1,211	147,530	91.5%	91.3%	0.2 %	91.3%	92.8%	(1.5)%	10.29	9.83	4.7%		
Other ⁽¹⁾	3,190	433,532	93.6%	92.9%	0.7 %	92.4%	90.0%	2.4 %	9.90	9.33	6.1%		
Total/Weighted Average	122,975	15,870,931	90.4%	90.3%	0.1 %	89.9%	90.2%	(0.3)%	\$11.58	\$10.92	6.0%		

 $^{(1) \} Other \ states \ in \ NSA's \ same \ store \ portfolio \ include \ Florida, \ Kentucky, \ Mississippi \ and \ Nevada.$



Reconciliation of Same Store Data and Net Operating Income to Net Income

(dollars in thousands) (unaudited)

	Three Months Ended September 30,				Nine Months Ended September 30,				
		2017		2016		2017		2016	
Rental revenue	'								
Same store portfolio	\$	42,700	\$	40,540	\$	123,866	\$	117,078	
Non-same store portfolio		22,015		10,723		58,847		18,470	
Total rental revenue		64,715		51,263		182,713		135,548	
Other property-related revenue									
Same store portfolio		1,417		1,335		4,121		3,762	
Non-same store portfolio		728		351		1,950		572	
Total other property-related revenue		2,145		1,686		6,071		4,334	
Property operating expenses									
Same store portfolio		13,595		13,275		39,713		39,134	
Non-same store portfolio		8,023		4,055		21,457		6,930	
Total property operating expenses		21,618		17,330		61,170		46,064	
Net operating income									
Same store properties		30,522		28,600		88,274		81,706	
Non-same store properties		14,720		7,019		39,340		12,112	
Total net operating income		45,242		35,619		127,614		93,818	
Management fees and other revenue		1,998		_		5,978		_	
General and administrative expenses		(7,480)		(5,259)		(22,066)		(14,431)	
Depreciation and amortization		(18,463)		(14,319)		(54,946)		(38,299)	
Income from operations		21,297		16,041		56,580		41,088	
Other (expense) income									
Interest expense		(9,157)		(6,265)		(24,788)		(17,050)	
Loss on early extinguishment of debt		_		_		_		(136)	
Equity in losses of unconsolidated real estate venture		(710)		_		(2,260)		_	
Acquisition costs		(139)		(1,737)		(450)		(4,733)	
Non-operating expense		(9)		(15)		(75)		(77)	
Gain on sale of self storage properties		106		_		5,743		_	
Other expense		(9,909)		(8,017)		(21,830)		(21,996)	
Income before income taxes		11,388		8,024		34,750		19,092	
Income tax expense		(162)		(80)		(767)		(301)	
Net income	\$	11,226	\$	7,944	\$	33,983	\$	18,791	



Selected Financial Information

(in thousands, except per square foot data) (unaudited)

	Three Months Ended September 30,				Nine Months Ended September 30,					
	2017		2016		2017		2016			
Average Annualized Rental Revenue Per Occupied Square Foot										
Same store	\$	11.83	\$	11.19	\$	11.58	\$	10.92		
Total consolidated portfolio	\$	11.61	\$	11.24	\$	11.46	\$	10.90		
Total Consolidated Portfolio Capital Expenditures										
Recurring capital expenditures	\$	778	\$	936	\$	2,589	\$	2,442		
Revenue enhancing capital expenditures		957		1,385		1,271		2,315		
Acquisitions capital expenditures		1,423		2,307		6,149		3,982		
Total Consolidated Portfolio Capital Expenditures	\$	3,158	\$	4,628	\$	10,009	\$	8,739		
Property Operating Expenses Detail										
Store payroll and related costs	\$	6,132	\$	5,136	\$	17,840	\$	13,832		
Property tax expense		5,209		3,825		14,725		10,204		
Other property operating expenses		10,277		8,369		28,605		22,028		
Property operating expenses on the Company's statements of operations	\$	21,618	\$	17,330	\$	61,170	\$	46,064		
General and Administrative Expenses Detail										
Supervisory and administrative expenses	\$	3,714	\$	2,959	\$	10,550	\$	7,839		
Equity-based compensation expense		921		685		2,844		1,913		
Other general and administrative expenses		2,845		1,615		8,672		4,679		
General and administrative expenses on the Company's statements of operations	\$	7,480	\$	5,259	\$	22,066	\$	14,431		



Glossary

This Earnings Release and Supplemental Information include certain financial and operating measures used by NSA management that are not calculated in accordance with accounting principles generally accepted in the United States, or GAAP. NSA's definitions and calculations of these non-GAAP financial and operating measures and other terms may differ from the definitions and methodologies used by other real estate companies and, accordingly, may not be comparable. These non-GAAP financial and operating measures should not be considered an alternative to GAAP net income or any other GAAP measurement of performance and should not be considered an alternative measure of liquidity.

AVERAGE ANNUALIZED RENTAL REVENUE PER OCCUPIED SQUARE FOOT: Average annualized rental revenue per occupied square foot is computed by dividing annualized rental revenue per our statements of operations (which includes fees and is net of any discounts) by average occupied square feet.

AVERAGE OCCUPANCY: Average occupancy is calculated based on the average of the month-end occupancy immediately preceding the period presented and the month-end occupancies included in the respective period presented.

CAPITAL EXPENDITURES DEFINITIONS

ACQUISITIONS CAPITAL EXPENDITURES: Acquisitions capital expenditures represents the portion of capital expenditures capitalized during the current period that were identified and underwritten prior to a property's acquisition.

RECURRING CAPITAL EXPENDITURES: Recurring capital expenditures represents the portion of capital expenditures that are deemed to replace the consumed portion of acquired capital assets and extend their useful lives.

REVENUE ENHANCING CAPITAL EXPENDITURES: Revenue enhancing capital expenditures represents the portion of capital expenditures that are made to enhance the revenue and value of an asset from its original purchase condition.

EBITDA: NSA defines EBITDA as net income (loss), as determined under GAAP, plus interest expense, loss on early extinguishment of debt, income taxes, depreciation and amortization expense and the Company's share of unconsolidated real estate venture depreciation and amortization. NSA defines **ADJUSTED EBITDA** as EBITDA plus acquisition costs, the Company's share of unconsolidated real estate venture acquisition costs, organizational and offering expenses, equity-based compensation expense, losses on sale of properties, and impairment of long-lived assets; and by subtracting gains on sale of properties and debt forgiveness. These further adjustments eliminate the impact of items that the Company does not consider indicative of its core operating performance. In evaluating EBITDA and Adjusted EBITDA, you should be aware that in the future the Company may incur expenses that are the same as or similar to some of the adjustments in this presentation. NSA's presentation of EBITDA and Adjusted EBITDA should not be construed as an inference that its future results will be unaffected by unusual or non-recurring items.

NSA presents EBITDA and Adjusted EBITDA because the Company believes they assist investors and analysts in comparing the Company's performance across reporting periods on a consistent basis by excluding items that the Company does not believe are indicative of its core operating performance. EBITDA and Adjusted EBITDA have limitations as an analytical tool. Some of these limitations are:

- EBITDA and Adjusted EBITDA do not reflect the Company's cash expenditures, or future requirements, for capital expenditures, contractual commitments or working capital needs;
- EBITDA and Adjusted EBITDA do not reflect the significant interest expense, or the cash requirements necessary to service interest or principal payments, on the Company's debts;
- although depreciation and amortization are non-cash charges, the assets being depreciated and amortized will often have to be replaced in the future, and EBITDA and Adjusted EBITDA do not reflect any cash requirements for such replacements;



- Adjusted EBITDA excludes equity-based compensation expense, which is and will remain a key element of
 the Company's overall long-term incentive compensation package, although the Company excludes it as
 an expense when evaluating its ongoing operating performance for a particular period;
- EBITDA and Adjusted EBITDA do not reflect the impact of certain cash charges resulting from matters the Company considers not to be indicative of its ongoing operations; and
- other companies in NSA's industry may calculate EBITDA and Adjusted EBITDA differently than NSA does, limiting its usefulness as a comparative measure.

NSA compensates for these limitations by considering the economic effect of the excluded expense items independently as well as in connection with the Company's analysis of net income (loss). EBITDA and Adjusted EBITDA should be considered in addition to, but not as a substitute for, other measures of financial performance reported in accordance with GAAP, such as total revenues, income from operations, and net income (loss).

FUNDS FROM OPERATIONS: Funds from operations, or FFO, is a widely used performance measure for real estate companies and is provided here as a supplemental measure of the Company's operating performance. The April 2002 National Policy Bulletin of NAREIT, which the Company refers to as the White Paper, as amended, defines FFO as net income (as determined under GAAP), excluding gains (or losses) from sales of real estate and related impairment charges, plus real estate depreciation and amortization, and after adjustments for unconsolidated partnerships and joint ventures. NSA includes amortization of customer in-place leases in real estate depreciation and amortization in the calculation of FFO because the Company believes the amortization of customer in-place leases is analogous to real estate depreciation, as the value of such intangibles is inextricably connected to the real estate acquired. Distributions declared on subordinated performance units and DownREIT subordinated performance units represent NSA's allocation of FFO to noncontrolling interests held by subordinated performance unitholders and DownREIT subordinated performance unitholders for the purpose of calculating FFO attributable to common shareholders, OP unitholders, and LTIP unitholders. NSA defines CORE FFO as FFO, as further adjusted to eliminate the impact of certain items that the Company does not consider indicative of its core operating performance. These further adjustments consist of acquisition costs, organizational and offering costs, gains on debt forgiveness, gains (losses) on early extinguishment of debt, and after adjustments for unconsolidated partnerships and joint ventures.

Management uses FFO and Core FFO as key performance indicators in evaluating the operations of NSA's properties. Given the nature of NSA's business as a real estate owner and operator, the Company considers FFO and Core FFO as key supplemental measures of its operating performance that are not specifically defined by GAAP. NSA believes that FFO and Core FFO are useful to management and investors as a starting point in measuring our operational performance because FFO and Core FFO exclude various items included in net income (loss) that do not relate to or are not indicative of the Company's operating performance such as gains (or losses) from sales of self storage properties and depreciation, which can make periodic and peer analyses of operating performance more difficult. NSA's computation of FFO and Core FFO may not be comparable to FFO reported by other REITs or real estate companies.

FFO and Core FFO should be considered in addition to, but not as a substitute for, other measures of financial performance reported in accordance with GAAP, such as total revenues, operating income and net income (loss). FFO and Core FFO do not represent cash generated from operating activities determined in accordance with GAAP and are not a measure of liquidity or an indicator of NSA's ability to make cash distributions. NSA believes that to further understand the Company's performance, FFO and Core FFO should be compared with the Company's reported net income (loss) and considered in addition to cash flows computed in accordance with GAAP, as presented in the Company's consolidated financial statements.

HYPOTHETICAL LIQUIDATION AT BOOK VALUE METHOD: In accordance with GAAP, the Company allocates income (loss) utilizing the hypothetical liquidation at book value ("HLBV") method, in which the Company allocates income or loss based on the change in each unitholders' claim on the net assets of the Company's operating partnership at period end after adjusting for any distributions or contributions made during such period. The Company uses this method because of the difference between the distribution rights and priorities set forth in the operating partnership's Agreement of Limited Partnership and what is reflected by the underlying percentage ownership interests of the unitholders.



The HLBV method is a balance sheet-focused approach to income (loss) allocation. A calculation is prepared at each balance sheet date to determine the amount that unitholders would receive if the operating partnership were to liquidate all of its assets (at GAAP net book value) and distribute the resulting proceeds to its creditors and unitholders based on the contractually defined liquidation priorities. The difference between the calculated liquidation distribution amounts at the beginning and the end of the reporting period, after adjusting for capital contributions and distributions, is used to derive each unitholder's share of the income (loss) for the period. Due to the stated liquidation priorities and because the HLBV method incorporates non-cash items such as depreciation expense, in any given period, income or loss may be allocated disproportionately to unitholders as compared to their respective ownership percentage in the operating partnership, and net income (loss) attributable to National Storage Affiliates Trust could be more or less net income than actual cash distributions received and more or less income or loss than what may be received in the event of an actual liquidation. Additionally, the HLBV method could result in net income (or net loss) attributable to National Storage Affiliates Trust during a period when the Company reports consolidated net loss (or net income), or net income (or net loss) attributable to National Storage Affiliates Trust in excess of the Company's consolidated net income (or net loss). The computations of basic and diluted earnings (loss) per share may be materially affected by these disproportionate income (loss) allocations, resulting in volatile fluctuations of basic and diluted earnings (loss) per share. Readers and investors are cautioned not to place undue reliance on NSA's income (loss) allocations or earnings (loss) per share without considering the effects described above, including the effect that depreciation and amortization have on income (loss), net book value and the application of the HLBV method.

LONG-TERM INCENTIVE PLAN UNITS: Long-term incentive plan units, or LTIP units, are a special class of partnership interest in NSA's operating partnership that allow the holder to participate in the ordinary and liquidating distributions received by holders of the operating partnership units (subject to the achievement of specified levels of profitability by our operating partnership or the achievement of certain events). Upon vesting, and after achieving partny with operating partnership units, vested LTIP units may be converted into an equal number of operating partnership units, and thereafter have all the rights of operating partnership units, including redemption rights.

NET DEBT TO ANNUALIZED CURRENT QUARTER ADJUSTED EBITDA: NSA calculates net debt to Adjusted EBITDA as total debt (inclusive of \$9.7 million of fair value of debt adjustments and \$6.5 million of debt issuance costs) less cash and cash equivalents, divided by annualized current guarter Adjusted EBITDA.

NET OPERATING INCOME: NSA defines net operating income, or NOI, as net income (loss), as determined under GAAP, plus general and administrative expenses, depreciation and amortization, interest expense, loss on early extinguishment of debt, equity in earnings (losses) of unconsolidated real estate ventures, acquisition costs, organizational and offering expenses, income tax expense, impairment of long-lived assets, losses on the sale of properties and non-operating expense and by subtracting management fees and other revenue, gains on sale of properties, debt forgiveness, and non-operating income. NOI is not a measure of performance calculated in accordance with GAAP.

NSA believes NOI is useful to investors in evaluating the Company's operating performance because:

- NOI is one of the primary measures used by NSA's management and the Company's PROs to evaluate the economic productivity of the Company's properties, including the Company's ability to lease its properties, increase pricing and occupancy and control the Company's property operating expenses;
- NOI is widely used in the real estate industry and the self storage industry to measure the performance and
 value of real estate assets without regard to various items included in net income that do not relate to or
 are not indicative of operating performance, such as depreciation and amortization, which can vary
 depending upon accounting methods, the book value of assets, and the impact of NSA's capital structure;
 and
- NSA believes NOI helps the Company's investors to meaningfully compare the results of its operating
 performance from period to period by removing the impact of the Company's capital structure (primarily
 interest expense on the Company's outstanding indebtedness) and depreciation of the cost basis of
 NSA's assets from its operating results.

There are material limitations to using a non-GAAP measure such as NOI, including the difficulty associated with comparing results among more than one company and the inability to analyze certain significant items, including depreciation and interest expense, that directly affect the Company's net income (loss). NSA



compensates for these limitations by considering the economic effect of the excluded expense items independently as well as in connection with the Company's analysis of net income (loss). NOI should be considered in addition to, but not as a substitute for, other measures of financial performance reported in accordance with GAAP, such as total revenues, income from operations and net loss.

NET OPERATING INCOME MARGIN: The ratio of NOI divided by total rental and other property-related revenue.

NON-SAME STORE PORTFOLIO: Non-same store portfolio comprises those properties that do not meet the Same Store portfolio property definition.

OCCUPANCY AT PERIOD END: Represents total occupied rentable square feet divided by total rentable square feet at period end.

OPERATING PARTNERSHIP UNITS: Operating partnership units, or OP Units, are Class A common units of limited partner interest in the Company's operating partnership which are economically equivalent to NSA's common shares. NSA also owns certain of the Company's self storage properties through other consolidated limited partnership subsidiaries of the Company's operating partnership, which the Company refers to as "DownREIT partnerships." The DownREIT partnerships issue certain units of limited partner or limited liability company interest that are intended to be economically equivalent to the Company's OP units, which the Company defines as **DOWNREIT OPERATING PARTNERSHIP UNIT EQUIVALENTS**, or DownREIT OP units.

PROs: Participating regional operators, or "PROs", are NSA's experienced regional self storage operators with local operational focus and expertise. As of September 30, 2017, the Company had eight PROs, SecurCare Self Storage, Northwest Self Storage, Optivest Properties, Guardian Storage Centers, Move It Self Storage, Storage Solutions, Hide-Away and Personal Mini.

RENTABLE SQUARE FEET: Rentable square feet includes all enclosed self storage units but excludes commercial, residential, and covered parking space.

RESTRICTED COMMON SHARES: Restricted common shares are common shares that are subject to restrictions on transferability subject to vesting and such other restrictions. Generally, a participant granted restricted common shares has all of the rights of a shareholder, including, without limitation, the right to vote and the right to receive dividends on the restricted common shares. Holders of restricted common shares are prohibited from selling such shares until they vest.

SAME STORE PORTFOLIO: NSA's same store portfolio is defined as those properties owned and operated for the entirety of the applicable periods presented, excluding any properties sold or expected to be sold or where the Company completed a storage space expansion which caused the property's year-over-year operating results to no longer be comparable.

SUBORDINATED PERFORMANCE UNITS: Subordinated performance units, or SP Units, are Class B common units of limited partner interest in the Company's operating partnership. SP units, which are linked to the performance of specific contributed portfolios, are intended to incentivize the Company's PROs to drive operating performance and support the sustainability of the operating cash flow generated by the contributed self storage properties that the PROs continue to manage on NSA's behalf. Because subordinated performance unit holders receive distributions only after portfolio-specific minimum performance thresholds are satisfied, the Company believes SP units play a key role in aligning the interests of the Company's PROs with NSA and the Company's shareholders. The DownREIT partnerships also issue units of limited partner interest that are intended to be economically equivalent to the Company's SP units, which the Company defines as **DOWNREIT SUBORDINATED PERFORMANCE UNIT EQUIVALENTS**, or DownREIT SP units.