

Discussion and Reconciliation of NonGAAP Financial Measures

December 31, 2018

(Unaudited)

Adjusted Fixed Charge Coverage Adjusted EBITDA divided by Fixed Charges. Adjusted Fixed Charge Coverage is a supplemental measure of liquidity and our ability to meet interest payments on our outstanding debt and pay dividends to our preferred stockholders, if applicable. Our various debt agreements contain covenants that require us to maintain ratios similar to Adjusted Fixed Charge Coverage, and credit rating agencies utilize similar ratios in evaluating and determining the credit rating on certain of our debt instruments. Adjusted Fixed Charge Coverage is subject to the same limitations and qualifications as Adjusted EBITDA and Fixed Charges.

Cash Operating Expenses Cash Operating Expenses represents property level operating expenses (which exclude transition costs) after eliminating the effects of straight-line rents, lease termination fees, actuarial reserves for insurance claims that have been incurred but not reported, and the impact of deferred community fee expense.

Cash Real Estate Revenues Cash Real Estate Revenues represents rental and related revenues, resident fees and services and income from DFLs after eliminating the effects of straight-line rents, DFL non-cash interest, amortization of market lease intangibles, lease termination fees and the impact of deferred community fee income.

Consolidated Debt The carrying amount of bank line of credit and term loans, senior unsecured notes, mortgage debt and other debt, as reported in our consolidated financial statements.

Consolidated Gross Assets The carrying amount of total assets, excluding investments in and advances to our unconsolidated JVs, after adding back accumulated depreciation and amortization, as reported in our consolidated financial statements. Consolidated Gross Assets is a supplemental measure of our financial position, which, when used in conjunction with debt-related measures, enables both management and investors to analyze our leverage and to compare our leverage to that of other companies.

Consolidated Secured Debt Mortgage and other debt secured by real estate, as reported in our consolidated financial statements.

Debt Investments Loans secured by a direct interest in real estate and mezzanine loans.

Direct Financing Lease ("DFL") Lease for which future minimum lease payments are recorded as a receivable and the difference between the future minimum lease payments and the estimated residual values less the cost of the properties is recorded as unearned income. Unearned income is deferred and amortized to income over the lease terms to provide a constant yield.

EBITDA and **Adjusted EBITDA** Earnings before interest, taxes, depreciation and amortization to HCP. Adjusted EBITDA is defined as EBITDA excluding impairments (recoveries), gains or losses from sales of depreciable and non-depreciable property, transaction-related items, prepayment costs (benefits) associated with early retirement or payment of debt, severance and related charges, litigation costs (recoveries), losses (gains) upon consolidation and deconsolidation, casualty-related charges (recoveries) and foreign currency remeasurement losses (gains). EBITDA and Adjusted EBITDA include our pro rata share of our unconsolidated JVs presented on the same basis. We consider EBITDA and Adjusted EBITDA important supplemental measures to net income (loss) because they provide an additional manner in which to evaluate our operating performance. Net income (loss) is the most directly comparable U.S. generally accepted accounting principles ("GAAP") measure to EBITDA and Adjusted EBITDA.

Enterprise Debt Consolidated Debt plus our pro rata share of total debt from our unconsolidated JVs. Enterprise Debt is a supplemental measure of our financial position, which enables both management and investors to analyze our leverage and to compare our leverage to that of other companies. Our pro rata share information is calculated by applying our actual ownership percentage for the period and excludes debt funded by us to our JVs. Our pro rata share of total debt from our unconsolidated JVs is not intended to reflect our actual liability or ability to access assets should there be a default under any or all such loans or a liquidation of the JVs.

Enterprise Gross Assets Consolidated Gross Assets plus our pro rata share of total gross assets from our unconsolidated JVs, after adding back accumulated depreciation and amortization. Enterprise Gross Assets is a supplemental measure of our financial position, which, when used in conjunction with debt-related measures, enables both management and investors to analyze our leverage and to compare our leverage to that of other companies.

Enterprise Secured Debt Consolidated Secured Debt plus our pro rata share of mortgage debt from our unconsolidated JVs. Enterprise Secured Debt is a supplemental measure of our financial position, which enables both management and investors to analyze our leverage and to compare our leverage to that of other companies. Our pro rata share of Enterprise Secured Debt from our unconsolidated JVs is not intended to reflect our actual liability or ability to access assets should there be a default under any or all such loans or a liquidation of the JVs.

Entrance Fee Certain of our communities have residency agreements which require the resident to pay an upfront entrance fee prior to taking occupancy at the community. For net income, NOI and NAREIT FFO, the non-refundable portion of the entrance fee is recorded as deferred entrance fee revenue and amortized over the estimated stay of the resident based on an actuarial valuation. For Cash NOI and FAD, the non-refundable entrance fees are recognized upon receipt, net of a reserve for statutory refunds due to early terminations. The refundable portion of a resident's entrance fee is generally refundable within a certain number of months or days following contract termination or upon the sale of the unit. All refundable amounts due to residents at any time in the future are classified as liabilities.

Financial Leverage Enterprise Debt divided by Enterprise Gross Assets. Financial Leverage is a supplemental measure of our financial position, which enables both management and investors to analyze our leverage and to compare our leverage to that of



other companies. Our pro rata share information is calculated by applying our actual ownership percentage for the period and excludes debt funded by us to our JVs. Our pro rata share of total debt from our unconsolidated JVs is not intended to reflect our actual liability or ability to access assets should there be a default under any or all such loans or a liquidation of the JVs.

Fixed Charges Total interest expense plus capitalized interest plus preferred stock dividends (if applicable). Fixed Charges also includes our pro rata share of the interest expense plus capitalized interest plus preferred stock dividends (if applicable) of our unconsolidated JVs. Fixed Charges is a supplemental measure of our interest payments on outstanding debt and dividends to preferred stockholders for purposes of presenting Fixed Charge Coverage and Adjusted Fixed Charge Coverage. Fixed Charges is subject to limitations and qualifications, as, among other things, it does not include all contractual obligations.

Funds Available for Distribution ("FAD") FAD is defined as FFO as adjusted after excluding the impact of the following: (i) amortization of deferred compensation expense, (ii) amortization of deferred financing costs, net, (iii) straight-line rents, (iv) deferred income taxes, (v) amortization of acquired market lease intangibles, net, (vi) non-cash interest related to DFLs and lease incentive amortization (reduction of straight-line rents), (vii) actuarial reserves for insurance claims that have been incurred but not reported, and (viii) deferred revenues, excluding amounts amortized into rental income that are associated with tenant funded improvements owned/recognized by us and up-front cash payments made by tenants to reduce their contractual rents. Also, FAD: (i) is computed after deducting recurring capital expenditures, including second generation leasing costs and second generation tenant and capital improvements, and (ii) includes lease restructure payments and adjustments to compute our share of FAD from our unconsolidated joint ventures and those related to CCRC non-refundable entrance fees. Certain prior period amounts in the "Non-GAAP Financial Measures Reconciliation" below for FAD have been reclassified to conform to the current period presentation. More specifically, recurring capital expenditures, including second generation leasing costs and second generation tenant and capital improvements ("FAD capital expenditures") excludes our share from unconsolidated joint ventures (reported in "other FAD adjustments"). Adjustments for joint ventures are calculated to reflect our pro-rata share of both our consolidated and unconsolidated joint ventures. We reflect our share of FAD for unconsolidated joint ventures by applying our actual ownership percentage for the period to the applicable reconciling items on an entity by entity basis. We reflect our share for consolidated joint ventures in which we do not own 100% of the equity by adjusting our FAD to remove the third party ownership share of the applicable reconciling items based on actual ownership percentage for the applicable periods (reported in "other FAD adjustments"). See FFO for further disclosure regarding our use of pro-rata share information and its limitations. Other REITs or real estate companies may use different methodologies for calculating FAD, and accordingly, our FAD may not be comparable to those reported by other REITs. Although our FAD computation may not be comparable to that of other REITs, management believes FAD provides a meaningful supplemental measure of our performance and is frequently used by analysts, investors, and other interested parties in the evaluation of our performance as a REIT. We believe FAD is an alternative run-rate earnings measure that improves the understanding of our operating results among investors and makes comparisons with: (i) expected results, (ii) results of previous periods and (iii) results among REITs more meaningful. FAD does not represent cash generated from operating activities determined in accordance with GAAP and is not necessarily indicative of cash available to fund cash needs as it excludes the following items which generally flow through our cash flows from operating activities: (i) adjustments for changes in working capital or the actual timing of the payment of income or expense items that are accrued in the period. (ii) transaction-related costs, (iii) litigation settlement expenses, (iv) severancerelated expenses and (v) actual cash receipts from interest income recognized on loans receivable (in contrast to our FAD adjustment to exclude non-cash interest and depreciation related to our investments in direct financing leases). Furthermore, FAD is adjusted for recurring capital expenditures, which are generally not considered when determining cash flows from operations or liquidity. FAD is a non-GAAP supplemental financial measure and should not be considered as an alternative to net income (loss) determined in accordance with GAAP.

Funds From Operations ("FFO") FFO encompasses NAREIT FFO and FFO as adjusted, each of which is described in detail below. We believe FFO applicable to common shares, diluted FFO applicable to common shares, and diluted FFO per common share are important supplemental non-GAAP measures of operating performance for a REIT. Because the historical cost accounting convention used for real estate assets utilizes straight-line depreciation (except on land), such accounting presentation implies that the value of real estate assets diminishes predictably over time. Since real estate values instead have historically risen and fallen with market conditions, presentations of operating results for a REIT that use historical cost accounting for depreciation could be less informative. The term FFO was designed by the REIT industry to address this issue.

NAREIT FFO. FFO, as defined by the National Association of Real Estate Investment Trusts ("NAREIT"), is net income (loss) applicable to common shares (computed in accordance with GAAP), excluding gains or losses from sales of depreciable property, including any current and deferred taxes directly associated with sales of depreciable property, impairments of, or related to, depreciable real estate, plus real estate and other real estate-related depreciation and amortization, and adjustments to compute our share of NAREIT FFO and FFO as adjusted (see below) from joint ventures. Adjustments for joint ventures are calculated to reflect our pro-rata share of both our consolidated and unconsolidated joint ventures. We reflect our share of NAREIT FFO for unconsolidated joint ventures by applying our actual ownership percentage for the period to the applicable reconciling items on an entity by entity basis. For consolidated joint ventures in which we do not own 100%, we reflect our share of the equity by adjusting our NAREIT FFO to remove the third party ownership share of the applicable reconciling items based on actual ownership percentage for the applicable periods. Our pro-rata share information is prepared on a basis consistent with the comparable consolidated amounts, is intended to reflect our proportionate economic interest in the operating results of properties in our portfolio and is calculated by applying our actual ownership percentage for the period. We do not control the unconsolidated joint ventures, and the pro-rata presentations of reconciling items included in NAREIT FFO do not represent our legal claim to such items. The joint



venture members or partners are entitled to profit or loss allocations and distributions of cash flows according to the joint venture agreements, which provide for such allocations generally according to their invested capital.

The presentation of pro-rata information has limitations, which include, but are not limited to, the following: (i) the amounts shown on the individual line items were derived by applying our overall economic ownership interest percentage determined when applying the equity method of accounting and do not necessarily represent our legal claim to the assets and liabilities, or the revenues and expenses and (ii) other companies in our industry may calculate their pro-rata interest differently, limiting the usefulness as a comparative measure. Because of these limitations, the pro-rata financial information should not be considered independently or as a substitute for our financial statements as reported under GAAP. We compensate for these limitations by relying primarily on our GAAP financial statements, using the pro-rata financial information as a supplement.

NAREIT FFO does not represent cash generated from operating activities in accordance with GAAP, is not necessarily indicative of cash available to fund cash needs and should not be considered an alternative to net income (loss). We compute NAREIT FFO in accordance with the current NAREIT definition; however, other REITs may report NAREIT FFO differently or have a different interpretation of the current NAREIT definition from ours.

FFO as adjusted. In addition, we present NAREIT FFO on an adjusted basis before the impact of non-comparable items including, but not limited to, transaction-related items, impairments (recoveries) of non-depreciable assets, losses (gains) from the sale of non-depreciable assets, severance and related charges, prepayment costs (benefits) associated with early retirement or payment of debt, litigation costs (recoveries), casualty-related charges (recoveries), foreign currency remeasurement losses (gains) and changes in tax legislation ("FFO as adjusted"). Transaction-related items include transaction expenses and gains/charges incurred as a result of mergers and acquisitions and lease amendment or termination activities. Prepayment costs (benefits) associated with early retirement of debt include the write-off of unamortized deferred financing fees, or additional costs, expenses, discounts, makewhole payments, penalties or premiums incurred as a result of early retirement or payment of debt. Management believes that FFO as adjusted provides a meaningful supplemental measurement of our FFO run-rate and is frequently used by analysts, investors and other interested parties in the evaluation of our performance as a REIT. At the same time that NAREIT created and defined its FFO measure for the REIT industry, it also recognized that "management of each of its member companies has the responsibility and authority to publish financial information that it regards as useful to the financial community." We believe stockholders, potential investors and financial analysts who review our operating performance are best served by an FFO run-rate earnings measure that includes certain other adjustments to net income (loss), in addition to adjustments made to arrive at the NAREIT defined measure of FFO. FFO as adjusted is used by management in analyzing our business and the performance of our properties, and we believe it is important that stockholders, potential investors and financial analysts understand this measure used by management. We use FFO as adjusted to: (i) evaluate our performance in comparison with expected results and results of previous periods, relative to resource allocation decisions, (ii) evaluate the performance of our management, (iii) budget and forecast future results to assist in the allocation of resources, (iv) assess our performance as compared with similar real estate companies and the industry in general and (v) evaluate how a specific potential investment will impact our future results. Other REITs or real estate companies may use different methodologies for calculating an adjusted FFO measure, and accordingly, our FFO as adjusted may not be comparable to those reported by other REITs.

HCP's Share of Unconsolidated Joint Ventures ("JVs") HCP's pro rata share information is prepared on a basis consistent with the comparable consolidated amounts by applying our actual ownership percentage for the period, and is intended to reflect our proportionate economic interest in the financial position and operating results of properties in our portfolio.

Investment and Portfolio Investment Represents: (i) the carrying amount of real estate assets and intangibles, after adding back accumulated depreciation and amortization; and (ii) the carrying amount of DFLs and Debt Investments. Portfolio Investment also includes our pro rata share of the real estate assets and intangibles held in our unconsolidated JVs, presented on the same basis as Investment, less the value attributable to refundable Entrance Fee liabilities. Investment and Portfolio Investment exclude land held for development.

Net Debt Enterprise Debt less the carrying amount of cash and cash equivalents as reported in our consolidated financial statements and our pro rata share of cash and cash equivalents from our unconsolidated JVs. Consolidated Debt is the most directly comparable GAAP measure to Net Debt. Net Debt is a supplemental measure of our financial position, which enables both management and investors to analyze our leverage and to compare our leverage to that of other companies.

Net Debt to Adjusted EBITDA Net Debt divided by Adjusted EBITDA is a supplemental measure of our ability to decrease our debt. Because we may not be able to use our cash to reduce our debt on a dollar-for-dollar basis, this measure may have material limitations.

Net Operating Income from Continuing Operations ("NOI") and Cash NOI NOI and Adjusted NOI are non-U.S. generally accepted accounting principles ("GAAP") supplemental financial measures used to evaluate the operating performance of real estate. NOI is defined as real estate revenues (inclusive of rental and related revenues, resident fees and services, and income from direct financing leases), less property level operating expenses (which exclude transition costs); NOI excludes all other financial statement amounts included in net income (loss). Management believes NOI provides relevant and useful information because it reflects only income and operating expense items that are incurred at the property level and presents them on an unlevered basis. Adjusted NOI is calculated as NOI after eliminating the effects of straight-line rents, DFL non-cash interest, amortization of market lease intangibles, termination fees, actuarial reserves for insurance claims that have been incurred but not reported, and the impact



of deferred community fee income and expense. Adjusted NOI is oftentimes referred to as "Cash NOI." NOI and Adjusted NOI exclude our share of income (loss) generated by unconsolidated joint ventures, which is recognized in equity income (loss) from unconsolidated joint ventures in the consolidated statements of operations. We use NOI and Adjusted NOI to make decisions about resource allocations, to assess and compare property level performance, and to evaluate our same property portfolio ("SPP"), as described below. We believe that net income (loss) is the most directly comparable GAAP measure to NOI and Adjusted NOI. NOI and Adjusted NOI should not be viewed as alternative measures of operating performance to net income (loss) as defined by GAAP since they do not reflect various excluded items. Further, our definitions of NOI and Adjusted NOI may not be comparable to the definitions used by other REITs or real estate companies, as they may use different methodologies for calculating NOI and Adjusted NOI.

Operating expenses generally relate to leased medical office and life science properties and SHOP facilities. We generally recover all or a portion of our leased medical office and life science property expenses through tenant recoveries. We present expenses as operating or general and administrative based on the underlying nature of the expense.

Portfolio Income Cash NOI plus interest income plus our pro rata share of Cash NOI from our unconsolidated JVs.

Real Estate Revenues Includes rental related revenues, tenant recoveries, resident fees and services and income from DFLs.

Revenue Per Occupied Room ("REVPOR") SHOP The 3-month average Cash Real Estate Revenues per occupied unit for the most recent period available. REVPOR SHOP excludes newly completed assets under lease-up, assets sold, acquired or transitioned to a new operating structure (such as triple-net to SHOP) during the relevant period, assets in redevelopment, and assets that experienced a casualty event that significantly impacted operations. REVPOR SHOP is a non-GAAP supplemental financial measure used to evaluate the revenue-generating capacity and profit potential of our SHOP assets independent of fluctuating occupancy rates. It is also used in comparison against industry and competitor statistics, if known, to evaluate the quality of our SHOP assets.

RIDEA A structure whereby a taxable REIT subsidiary is permitted to rent a healthcare facility from its parent REIT and hire an independent contractor to operate the facility.

Same Property Portfolio SPP NOI and Adjusted (Cash) NOI information allows us to evaluate the performance of our property portfolio under a consistent population by eliminating changes in the composition of our consolidated portfolio of properties. SPP NOI excludes certain non-property specific operating expenses that are allocated to each operating segment on a consolidated basis.

Properties are included in SPP once they are stabilized for the full period in both comparison periods. Newly acquired operating assets are generally considered stabilized at the earlier of lease-up (typically when the tenant(s) control(s) the physical use of at least 80% of the space) or 12 months from the acquisition date. Newly completed developments and redevelopments are considered stabilized at the earlier of lease-up or 24 months from the date the property is placed in service. Properties that experience a change in reporting structure, such as a transition from a triple-net lease to a RIDEA reporting structure, are considered stabilized after 12 months in operations under a consistent reporting structure. A property is removed from SPP when it is classified as held for sale, sold, placed into redevelopment, experiences a casualty event that significantly impacts operations or changes its reporting structure (such as triple-net to SHOP).

Secured Debt Ratio Enterprise Secured Debt divided by Enterprise Gross Assets. Secured Debt Ratio is a supplemental measure of our financial position, which enables both management and investors to analyze our leverage and to compare our leverage to that of other companies. Our pro rata share information is calculated by applying our actual ownership percentage for the period and excludes debt funded by us to our JVs. Our pro rata share of Total Secured Debt from our unconsolidated JVs is not intended to reflect our actual liability or ability to access assets should there be a default under any or all such loans or a liquidation of the JVs.

Segments Our portfolio is comprised of investments in the following healthcare segments: (i) senior housing triple-net, (ii) senior housing operating portfolio ("SHOP"), (iii) life science (iv) medical office and (v) other non-reportable segments ("Other").



Funds From Operations

	Three Months Ended December 31,			_	Year I Decem	ber 31,		
		2018		2017		2018		2017
Net income (loss) applicable to common shares	\$	829,325	\$	(59,298)	\$	1,058,424	\$	413,013
Real estate related depreciation and amortization		130,759		136,833		549,499		534,726
Real estate related depreciation and amortization on unconsolidated joint ventures		15,237		12,347		63,967		60,058
Real estate related depreciation and amortization on noncontrolling interests and other		(3,828)		(3,425)		(11,795)		(15,069)
Other real estate-related depreciation and amortization		2,071		1,646		6,977		9,364
Loss (gain) on sales of real estate, net		(763,774)		(33,789)		(925,985)		(356,641)
Loss (gain) on sales of real estate, net on unconsolidated joint ventures		_		(1,430)		_		(1,430)
Loss (gain) upon consolidation of real estate, net ⁽¹⁾		(50,171)		_		(9,154)		_
Taxes associated with real estate dispositions		2,765		_		3,913		(5,498)
Impairments (recoveries) of depreciable real estate, net		32,803			_	44,343		22,590
NAREIT FFO applicable to common shares, basic and diluted	\$	195,187	\$	52,884	\$	780,189	\$	661,113
Weighted average shares outstanding - diluted NAREIT FFO		473,289		469,388		470,719		468,935
Impact of adjustments to NAREIT FFO:								
Transaction-related items ⁽²⁾	\$	2,416	\$	60,100	\$	11,029	\$	62,576
Other impairments (recoveries) and losses (gains), net(3)		3,277		84,374		7,619		92,900
Severance and related charges ⁽⁴⁾		595		1,111		13,906		5,000
Loss on debt extinguishments ⁽⁵⁾		263		_		44,162		54,227
Litigation costs (recoveries)		323		8,130		363		15,637
Casualty-related charges (recoveries), net		_		2,039		_		10,964
Foreign currency remeasurement losses (gains)		72		(58)		(35)		(1,043)
Tax rate legislation impact		_		17,028				17,028
Total adjustments		6,946		172,724		77,044		257,289
FFO as adjusted applicable to common shares		202,133		225,608		857,233		918,402
Distributions on dilutive convertible units and other		(18)		(98)		(198)		6,657
Diluted FFO as adjusted applicable to common shares	\$	202,115	\$	225,510	\$	857,035	\$	925,059
Weighted average shares outstanding - diluted FFO as adjusted		473,289		469,388		470,719		473,620
				(2.42)			_	
Diluted earnings per common share	\$	1.73	\$	(0.13)	\$	2.24	\$	0.88
Depreciation and amortization		0.31		0.31		1.30		1.25
Loss (gain) on sales of real estate, net		(1.61)		(0.07)		(1.96)		(0.76)
Loss (gain) upon consolidation of real estate, net ⁽¹⁾		(0.10)		_		(0.02)		(2.24)
Taxes associated with real estate dispositions		0.01		_		0.01		(0.01)
Impairments (recoveries) of depreciable real estate, net	_	0.07	_		_	0.09	_	0.05
Diluted NAREIT FFO per common share	\$	0.41	\$	0.11	\$		\$	
Transaction-related items ⁽²⁾		0.01		0.13		0.02		0.13
Other impairments (recoveries) and losses (gains), net ⁽³⁾		0.01		0.18		0.02		0.20
Severance and related charges ⁽⁴⁾		_		_		0.03		0.01
Loss on debt extinguishments ⁽⁵⁾		_				0.09		0.11
Litigation costs (recoveries)				0.02		_		0.03
Casualty-related charges (recoveries), net		_		0.04		_		0.02
Tax rate legislation impact Diluted FFO as adjusted per common share	¢	0.42	¢	0.04 0.48	¢	1 92	¢	0.04 1.95
Diluteu 11 O as aujusteu per common silate	\$	0.43	\$	0.40	<u>\$</u>	1.82	\$	1.93



Funds Available for Distribution

	Three Mon Decem		Year E Decem	
	2018	2017	2018	2017
FFO as adjusted applicable to common shares	\$ 202,133	\$ 225,608	\$ 857,233	\$ 918,402
Amortization of deferred compensation ⁽⁶⁾	3,465	3,180	14,714	13,510
Amortization of deferred financing costs	2,851	3,428	12,612	14,569
Straight-line rents	(2,251)	(5,881)	(23,138)	(23,933)
FAD capital expenditures	(35,956)	(39,646)	(106,193)	(113,471)
Lease restructure payments	294	305	1,195	1,470
CCRC entrance fees ⁽⁷⁾	4,677	6,949	17,880	21,385
Deferred income taxes ⁽⁸⁾	(5,993)	(4,967)	(18,744)	(15,490)
Other FAD adjustments ⁽⁹⁾	(1,219)	(6,373)	(9,162)	(12,722)
FAD applicable to common shares, basic and diluted	\$ 168,001	\$ 182,603	\$ 746,397	\$ 803,720
Weighted average shares outstanding - diluted FAD	473,289	469,388	470,719	468,935

⁽¹⁾ For the three months ended December 31, 2018, represents the gain related to the acquisition of our partner's interests in four previously unconsolidated life science assets. For the year ended December 31, 2018, represents the gain related to the acquisition of our partner's interests in four previously unconsolidated life science assets, partially offset by the loss on consolidation of seven U.K. care homes.

- (5) Represents the premium associated with the prepayment of senior unsecured notes.
- (6) Excludes amounts related to the acceleration of deferred compensation for restricted stock units that vested upon the departure of certain former employees, which have already been excluded from FFO as adjusted in severance and related charges.
- (7) Represents our 49% share of non-refundable entrance fees, as the fees are collected by our CCRC JV, net of reserves and CCRC JV entrance fee amortization.
- (8) For the three months ended December 31, 2017, excludes deferred tax expense, which is included in tax rate legislation impact. For the year ended December 31, 2017, excludes: (i) deferred tax expense, which is included in tax rate legislation impact and (ii) deferred tax benefit from casualty-related charges, which is included in casualty-related charges (recoveries), net.
- (9) Primarily includes our share of FAD capital expenditures from unconsolidated joint ventures, partially offset by noncontrolling interests' share of FAD capital expenditures from consolidated joint ventures.



⁽²⁾ For the three months and year ended December 31, 2017, includes \$55 million of net non-cash charges related to the right to terminate certain triple-net leases and management agreements in conjunction with a previous transaction with Brookdale in November 2017.

⁽³⁾ For the year ended December 31, 2018, primarily relates to the impairment of an undeveloped life science land parcel classified as held for sale. For the year ended December 31, 2017, represents the impairment of our Tandem Health Care mezzanine loan, net of the impairment recovery upon the sale of our Four Seasons senior notes.

⁽⁴⁾ For the year ended December 31, 2018, primarily relates to the departure of our former Executive Chairman, which consisted of \$6 million of cash severance and \$3 million of equity award vestings, and corporate restructuring activities. For the year ended December 31, 2017, primarily relates to the departure of our former Chief Accounting Officer.

HCP's Share of Unconsolidated Joint Venture NAREIT FFO, FFO as Adjusted and FAD

Three Months Ended December 31, 2018

	Total	С	CRC JV	SI	Other HOP JVs	 J.K. JV	Life Science	Medical Office	Re	maining
Equity income (loss) from unconsolidated joint ventures	\$ (2,152)	\$	(3,405)	\$	(525)	\$ 1,284	\$ 70	\$ 207	\$	217
Real estate related depreciation and amortization	15,237		11,701		970	1,838	475	197		56
NAREIT FFO	\$ 13,085	\$	8,296	\$	445	\$ 3,122	\$ 545	\$ 404	\$	273
Transaction-related items	708		708		_	_		_		_
FFO as adjusted	\$ 13,793	\$	9,004	\$	445	\$ 3,122	\$ 545	\$ 404	\$	273
FAD adjustments	1,545		1,875		(72)	(148)	(42)	(70)		2
FAD	\$ 15,338	\$	10,879	\$	373	\$ 2,974	\$ 503	\$ 334	\$	275



Projected Future Operations(1)

	Full Yea	ar 201	9
	 Low		High
Diluted earnings per common share	\$ 0.45	\$	0.51
Real estate related depreciation and amortization	1.14		1.14
Real estate related depreciation and amortization on unconsolidated joint ventures	0.11		0.11
Real estate related depreciation and amortization on noncontrolling interests and other	(0.04)		(0.04)
Other real estate-related depreciation and amortization	0.01		0.01
Loss (gain) on sales of real estate, net	(0.01)		(0.01)
Impairments (recoveries) of depreciable real estate, net	 0.01		0.01
Diluted NAREIT FFO per common share	\$ 1.67	\$	1.73
Transaction-related items	0.02		0.02
Litigation costs (recoveries)	 0.01		0.01
Diluted FFO as adjusted per common share	\$ 1.70	\$	1.76

⁽¹⁾ The foregoing projections reflect management's view as of February 13, 2019 of current and future market conditions, including assumptions with respect to rental rates, occupancy levels, development items, and the earnings impact of the events referenced in our earnings press release for the quarter ended December 31, 2018 that was issued on February 13, 2019. However, these projections do not reflect the impact of unannounced future transactions, except as described herein, other impairments or recoveries, the future bankruptcy or insolvency of our operators, lessees, borrowers or other obligors, the effect of any future restructuring of our contractual relationships with such entities, gains or losses on marketable securities, ineffectiveness related to our cash flow hedges, or larger than expected litigation settlements and expenses related to existing or future litigation matters. Our actual results may differ materially from the projections set forth above. The aforementioned ranges represent management's best estimates based upon the underlying assumptions as of February 13, 2019. Except as otherwise required by law, management assumes no, and hereby disclaims any, obligation to update any of the foregoing projections as a result of new information or new or future developments.

HCP's Share of Unconsolidated Joint Venture NAREIT FFO and Cash NOI

	Full Year 2019								
		Low		High					
Equity income (loss) from unconsolidated joint ventures	\$	(9,000)	\$	(2,000)					
Real estate related depreciation and amortization		57,000		58,000					
NAREIT FFO	\$	48,000	\$	56,000					
Adjustments to NAREIT FFO ⁽¹⁾		13,000		13,000					
Total NOI	\$	61,000	\$	69,000					
Non-cash adjustments to NOI ⁽²⁾		14,000		14,000					
Total Cash NOI	\$	75,000	\$	83,000					

⁽¹⁾ Includes interest and general and administrative expenses.



⁽²⁾ Includes our 49% share of non-refundable Entrance Fees as the fees are collected by our CCRC JV, net of reserves and CCRC JV Entrance Fee amortization.

Projected SPP Cash NOI(1)(2)

For the projected full year 2019 (low)

	Senior Housing ⁽³⁾		Life Science		Medical Office			Other	Total
Cash NOI	\$	356	\$	296	\$	359	\$	53	\$ 1,064
Interest income		_		_		_		8	8
Cash NOI plus interest income		356		296		359		61	1,072
Interest income		_		_		_		(8)	(8)
Non-cash adjustments to cash NOI ⁽⁴⁾		(3)		21		7		(1)	27
NOI		353		317		366	•	51	1,087
Non-SPP NOI		(98)		(93)		(56)		(2)	(248)
SPP NOI		255		224		311	**	50	840
Non-cash adjustments to SPP NOI ⁽⁴⁾		_		(2)		(6)		1	(6)
SPP cash NOI	\$	256	\$	223	\$	304	\$	51	834
Addback adjustments ⁽⁵⁾									254
Other income and expenses ⁽⁶⁾									28
Costs and expenses ⁽⁷⁾									(872)
Other impairments (recoveries), net									(5)
Net income (loss)									\$ 238

For the projected full year 2019 (high)

	Senior Housing ⁽³⁾ S		Life Science	Medical Office		Other	Total
Cash NOI	\$ 368	\$	299	\$ 362	\$	54	\$ 1,082
Interest income	_		_	_		8	8
Cash NOI plus interest income	368		299	362		62	1,090
Interest income	_		_	_		(8)	(8)
Non-cash adjustments to cash NOI ⁽⁴⁾	(3)	21	8		(1)	27
NOI	365		320	370		52	1,106
Non-SPP NOI	(102)	(94)	(56))	(2)	(254)
SPP NOI	263		227	314		50	852
Non-cash adjustments to SPP NOI ⁽⁴⁾			(2)	(6))	1	(6)
SPP cash NOI	\$ 263	\$	225	\$ 307	\$	52	846
Addback adjustments ⁽⁵⁾							260
Other income and expenses ⁽⁶⁾							32
Costs and expenses ⁽⁷⁾							(868)
Other impairments (recoveries), net							(5)
Net income (loss)							\$ 264



For the year ended December 31, 2018

	Senior Life Housing ⁽³⁾ Science		Life Medical Science Office		Total
Cash NOI	\$ 411	\$ 294	\$ 347	\$ 68	\$ 1,119
Interest income	_	_	_	10	10
Cash NOI plus interest income	411	294	347	78	1,130
Interest income	_	_	_	(10)	(10)
Non-cash adjustments to cash NOI ⁽⁴⁾	(5)	10	8	_	12
NOI	406	303	354	68	1,131
Non-SPP NOI	(146)	(87)	(49)	(18)	(300)
SPP NOI	260	217	305	50	831
Non-cash adjustments to SPP NOI ⁽⁴⁾	(1)	(2)	(6)	1	(8)
SPP cash NOI	\$ 260	\$ 214	\$ 299	\$ 50	823
Addback adjustments ⁽⁵⁾					308
Other income and expenses ⁽⁶⁾					965
Costs and expenses ⁽⁷⁾					(967)
Other impairments (recoveries), net					(55)
Net income (loss)					\$ 1,073

Projected SPP Cash NOI change for the full year 2019

	Senior Housing ⁽³⁾	Life Science	Medical Office	Other	Total
Low	(1.50%)	4.00%	1.75%	2.00%	1.25%
High	1.50%	5.00%	2.75%	3.00%	2.75%

⁽¹⁾ The foregoing projections reflect management's view as of February 13, 2019 of current and future market conditions, including assumptions with respect to rental rates, occupancy levels, development items, and the earnings impact of the events referenced in our earnings press release for the quarter ended December 31, 2018 that was issued on February 13, 2019. However, these projections do not reflect the impact of unannounced future transactions, except as described herein, other impairments or recoveries, the future bankruptcy or insolvency of our operators, lessees, borrowers or other obligors, the effect of any future restructuring of our contractual relationships with such entities, gains or losses on marketable securities, ineffectiveness related to our cash flow hedges, or larger than expected litigation settlements and expenses related to existing or future litigation matters. Our actual results may differ materially from the projections set forth above. The aforementioned ranges represent management's best estimates based upon the underlying assumptions as of February 13, 2019. Except as otherwise required by law, management assumes no, and hereby disclaims any, obligation to update any of the foregoing projections as a result of new information or new or future developments.

- (2) Does not foot due to rounding and adjustments made to SPP to the high and low ranges reported by segment.
- (3) Includes senior housing triple-net and SHOP.
- (4) Represents straight-line rents, DFL non-cash interest, amortization of market lease intangibles, net, the deferral of community fees, net of amortization, management contract termination expense, actuarial reserves for insurance claims that have been incurred but not reported and lease termination fees.
- (5) Represents non-SPP NOI and non-cash adjustments to SPP NOI.
- (6) Represents interest income, gain (loss) on sales of real estate, net, other income (expense), net, income taxes benefit (expense) and equity income (loss) from unconsolidated joint ventures.
- (7) Represents interest expense, depreciation and amortization, general and administrative, transaction costs and loss on debt extinguishments.



Enterprise Gross Assets and Portfolio Investment

December 31, 2018 Corporate Non-Senior Medical Life Housing SHOP Science Office Other Triple-net segment Total \$ 1,911,198 \$ 3,392,272 Consolidated total assets \$ 2,454,785 \$ 3,822,080 \$1,038,646 \$ 99,572 \$12,718,553 Investments in and advances to unconsolidated JVs (540,088)(540,088)Accumulated depreciation and 1,123,259 amortization 634,305 482,906 710,456 178,290 101 3,129,317 \$15,307,782 **Consolidated Gross Assets** \$ 3.089.090 \$ 2.394.104 \$ 4.532.536 \$ 4.515.531 \$ 676.848 \$ 99.673 HCP's share of unconsolidated JV 1,421,175 gross assets 1,421,175 **Enterprise Gross Assets** \$ 3,089,090 \$ 2,394,104 \$4,532,536 \$ 4,515,531 \$2,098,023 \$ 99,673 \$16,728,957 (76,229)Land held for development (946)(77, 175)Land held for sale (35,052)(35,052)Fully depreciated real estate and intangibles 97,795 46,129 295,460 384,106 9,910 833,400 Non-real estate related assets⁽¹⁾ (144,545)(123,440)(179, 124)(171,972)(292,818)(99,673)(1,011,572)Real estate intangible liabilities (76,001)(25,513)(44,677)(1,553)(61,892)(209,636)**Portfolio Investment** \$ 2,997,663 \$ 2,315,240 \$4,475,699 \$ 4,650,718 \$1,789,602 \$16,228,922 Investment by Type: \$ 2,315,240 \$4,475,699 \$ 4,650,718 \$ 632,411 \$15,071,731 Wholly-owned \$ 2,997,663 HCP's share of unconsolidated JVs 1,157,191 1,157,191 **Portfolio Investment** \$ 2,997,663 \$ 2,315,240 \$4,475,699 \$ 4,650,718 \$1,789,602 \$16,228,922



⁽¹⁾ Includes straight-line rent receivables, net of reserves; lease commissions - 2nd generation, net of amortization; cash and restricted cash; HCP's share of the value attributable to refundable Entrance Fee liabilities for the CCRC JV and other assets.

Real Estate Revenue

	Three Months Ended									
	De	cember 31, 2017	N	/larch 31, 2018	•	June 30, 2018	Se	ptember 30, 2018	De	cember 31, 2018
Senior housing triple-net	\$	58,214	\$	74,289	\$	70,713	\$	67,487	\$	63,602
SHOP		133,789		144,670		138,352		137,044		127,909
Life science		96,592		99,622		101,031		98,040		96,371
Medical office		120,077		123,935		125,246		129,618		130,221
Other		29,324		30,316		32,762		22,597		22,458
Real Estate Revenue	\$	437,996	\$	472,832	\$	468,104	\$	454,786	\$	440,561
Senior housing triple-net		19,930		(1,878)		993		569		2,436
SHOP		(1,071)		(2,352)		(1,652)		771		41
Life science		(3,325)		(3,770)		(2,251)		(1,453)		(2,178)
Medical office		(1,368)		(1,989)		(1,701)		(1,135)		(1,461)
Other		(1,284)		(1,392)		(1,318)		(857)		(851)
Non-cash adjustments to Real Estate Revenues	\$	12,882	\$	(11,381)	\$	(5,929)	\$	(2,105)	\$	(2,013)
Senior housing triple-net		78,144		72,411		71,706		68,056		66,038
SHOP		132,718		142,318		136,700		137,815		127,950
Life science		93,267		95,852		98,780		96,587		94,193
Medical office		118,709		121,946		123,545		128,483		128,760
Other		28,040		28,924		31,444		21,740		21,607
Cash Real Estate Revenues	\$	450,878	\$	461,451	\$	462,175	\$	452,681	\$	438,548
Senior housing triple-net		(14,169)		(12,897)		(9,335)		(5,608)		(416)
SHOP		(66,457)		(74,320)		(68,813)		(70,622)		(61,430)
Life science		(23,291)		(27,613)		(28,801)		(24,006)		(21,488)
Medical office		(14,041)		(17,485)		(17,737)		(20,473)		(22,960)
Other		(7,559)		(7,930)		(10,288)		(17)		(19)
Non-SPP total Cash Real Estate Revenues	\$	(125,517)	\$	(140,245)	\$	(134,974)	\$	(120,726)	\$	(106,313)
Senior housing triple-net		63,975		59,514		62,371		62,448		65,622
SHOP		66,261		67,998		67,887		67,193		66,520
Life science		69,976		68,239		69,979		72,581		72,705
Medical office		104,668		104,461		105,808		108,010		105,800
Other		20,481		20,994		21,156		21,723		21,588
Cash Real Estate Revenues - SPP	\$	325,361	\$	321,206	\$	327,201	\$	331,955	\$	332,235



Operating Expenses

	Three Months Ended									
	De	cember 31, 2017	N	larch 31, 2018		June 30, 2018	September 30, 2018		De	cember 31, 2018
Senior housing triple-net	\$	892	\$	1,045	\$	791	\$	840	\$	941
SHOP		129,265		101,746		101,767		106,182		104,617
Life science		21,977		21,809		22,732		23,668		23,534
Medical office		45,266		46,696		47,271		49,150		46,745
Other		1,269		1,256		1,305		1,367		1,576
Operating expenses	\$	198,669	\$	172,552	\$	173,866	\$	181,207	\$	177,413
Senior housing triple-net		(13)		(13)		(13)		35		(14)
SHOP		(34,632)		(745)		(1,528)		(606)		(3,189)
Life science		(19)		(19)		(17)		(13)		(13)
Medical office		(720)		(918)		(707)		(816)		(945)
Other				_						_
Non-cash adjustments to operating expenses	\$	(35,384)	\$	(1,695)	\$	(2,265)	\$	(1,400)	\$	(4,161)
Senior housing triple-net		879		1,032		778		875		927
SHOP		94,633		101,001		100,239		105,576		101,428
Life science		21,958		21,790		22,715		23,655		23,521
Medical office		44,546		45,778		46,564		48,334		45,800
Other		1,269		1,256		1,305		1,367		1,576
Cash Operating Expenses	\$	163,285	\$	170,857	\$	171,601	\$	179,807	\$	173,252
Senior housing triple-net		(800)		(948)		(716)		(806)		(821)
SHOP		(49,658)		(55,917)		(53,924)		(59,204)		(53,727)
Life science		(5,764)		(7,100)		(6,833)		(6,701)		(6,722)
Medical office		(7,331)		(8,360)		(8,499)		(8,469)		(8,762)
Other		(43)		(80)		(32)		(31)		(76)
Non-SPP operating expenses	\$	(63,596)	\$	(72,405)	\$	(70,004)	\$	(75,211)	\$	(70,108)
Senior housing triple-net		79		84		62		69		106
SHOP		44,975		45,084		46,315		46,372		47,701
Life science		16,194		14,690		15,882		16,954		16,799
Medical office		37,215		37,418		38,065		39,865		37,038
Other		1,226		1,176		1,273		1,336		1,500
Cash Operating Expenses - SPP	\$	99,689	\$	98,452	\$	101,597	\$	104,596	\$	103,144



EBITDA and Adjusted EBITDA

	Months Ended mber 31, 2018	De	Year Ended cember 31, 2018
Net income (loss)	\$ 834,383	\$	1,073,474
Interest expense	54,717		266,343
Income tax expense (benefit)	(2,935)		(17,854)
Depreciation and amortization	130,759		549,499
Other real estate-related depreciation and amortization	2,071		6,977
HCP's share of unconsolidated JV:			
Interest expense	4,046		11,697
Income tax expense (benefit)	(35)		266
Depreciation and amortization	15,237		63,967
Other JV adjustments	(662)		(2,480)
EBITDA	\$ 1,037,581	\$	1,951,889
Loss (gain) on sales of real estate, net	(763,774)		(925,985)
Loss (gain) upon consolidation of real estate, net	(50,171)		(8,007)
Impairments (recoveries) of depreciable real estate, net	32,803		44,343
Transaction-related items	2,416		11,029
Other impairments (recoveries) and losses (gains), net	3,277		7,619
Severance and related charges	595		13,906
Loss on debt extinguishments	263		44,162
Litigation costs (recoveries)	323		363
Foreign currency remeasurement losses (gains)	72		(35)
Adjusted EBITDA	\$ 263,385	\$	1,139,284

Adjusted Fixed Charge Coverage

	e Months Ended ember 31, 2018	 Year Ended December 31, 2018
Interest expense	\$ 54,717	\$ 266,343
Capitalized interest	7,287	21,056
HCP's share of unconsolidated JV interest expense and capitalized interest	4,249	12,143
Fixed Charges	\$ 66,253	\$ 299,542
Adjusted Fixed Charge Coverage	4.0x	3.8x



Enterprise Debt and Net Debt

	Decer	nber 31, 2018
Bank line of credit ⁽¹⁾	\$	80,103
Term loans		_
Senior unsecured notes		5,258,550
Mortgage debt		138,470
Other debt		90,785
Consolidated Debt	\$	5,567,908
HCP's share of unconsolidated JV mortgage debt		327,618
HCP's share of unconsolidated JV other debt		173,151
Enterprise Debt	\$	6,068,677
Cash and cash equivalents		(110,790)
HCP's share of unconsolidated JV cash and cash equivalents		(21,384)
Net Debt	\$	5,936,503

Financial Leverage

	 December 31, 2018
Enterprise Debt	\$ 6,068,677
Enterprise Gross Assets	16,728,957
Financial Leverage	36.3%

Secured Debt Ratio

	Decen	nber 31, 2018
Mortgage debt	\$	138,470
HCP's share of unconsolidated JV mortgage debt		327,618
Enterprise Secured Debt	\$	466,088
Enterprise Gross Assets		16,728,957
Secured Debt Ratio		2.8%

Net Debt to Adjusted EBITDA

	Months Ended ember 31, 2018	Year Ended December 31, 2018
Net Debt	\$ 5,936,503	\$ 5,936,503
Adjusted EBITDA	1,053,540 (2)	1,139,284
Net Debt to Adjusted EBITDA	5.6x	5.2x

⁽¹⁾ Includes £55 million translated into USD.



⁽²⁾ Represents the current quarter Adjusted EBITDA multiplied by a factor of four.

Segment Cash NOI, Portfolio Income and SPP

Total Consolidated

	Three Months Ended												
	De	cember 31, 2017		March 31, 2018		June 30, 2018	Sep	otember 30, 2018	De	cember 31, 2018			
Net income (loss)	\$	(57,924)	\$	43,237	\$	92,928	\$	102,926	\$	834,383			
Interest income		(5,263)		(6,365)		(1,447)		(1,236)		(1,358)			
Interest expense		71,882		75,102		73,038		63,486		54,717			
Depreciation and amortization		136,833		143,250		143,292		132,198		130,759			
General and administrative		21,485		29,175		22,514		23,503		21,510			
Transaction costs		5,459		2,195		2,404		4,489		1,684			
Loss (gain) on sales of real estate, net		(33,789)		(20,815)		(46,064)		(95,332)		(763,774)			
Impairments (recoveries), net		84,374		_		13,912		5,268		36,080			
Other expense (income), net		9,303		40,407		(1,786)		(1,604)		(50,333)			
Loss on debt extinguishments		_		_		_		43,899		263			
Income tax expense (benefit)		13,297		(5,336)		(4,654)		(4,929)		(2,935)			
Equity loss (income) from unconsolidated JVs		(6,330)		(570)		101		911		2,152			
NOI	\$	239,327	\$	300,280	\$	294,238	\$	273,579	\$	263,148			
Adjustment to NOI		48,264		(9,686)		(3,662)		(703)		2,148			
Cash NOI	\$	287,591	\$	290,594	\$	290,576	\$	272,876	\$	265,296			
Interest income		5,263		6,365		1,447		1,236		1,358			
HCP's share of unconsolidated JVs		19,331		21,737		19,867		23,302		21,466			
Portfolio Income	\$	312,185	\$	318,696	\$	311,890	\$	297,414	\$	288,120			
Interest income		(5,263)		(6,365)		(1,447)		(1,236)		(1,358)			
HCP's share of unconsolidated JVs		(19,331)		(21,737)		(19,867)		(23,302)		(21,466)			
Adjustment to NOI		(48,264)		9,686		3,662		703		(2,148)			
Non-SPP NOI		(25,579)		(74,733)		(69,398)		(46,692)		(36,847)			
SPP NOI	\$	213,748	\$	225,547	\$	224,840	\$	226,887	\$	226,301			
Non-cash adjustment to SPP NOI		11,924		(2,794)		763		472		2,790			
SPP cash NOI	\$	225,672	\$	222,753	\$	225,603	\$	227,359	\$	229,091			



Senior Housing Triple-Net

Three Months Ended September 30, 2018 December 31, 2018 December 31, 2017 March 31, 2018 June 30, 2018 Net income (loss) \$ 37,299 50,738 18,752 \$ 47,627 67,827 Interest expense 620 600 607 599 598 Depreciation and amortization 26,343 21,906 21,251 18,884 17,564 Impairments (recoveries), net 6,273 23,039 Loss (gain) on sales of real estate, net (6,940)(463)(23,328)NOI \$ 57,322 \$ 73,244 \$ 69,922 \$ 66,647 \$ 62,661 Adjustment to NOI 19,943 (1,865)1,006 534 2,450 \$ Cash NOI 77,265 \$ 71,379 \$ 70,928 \$ 67,181 \$ 65,111 Interest income HCP's share of unconsolidated JVs \$ Portfolio Income 77,265 \$ 71,379 \$ 70,928 \$ 67,181 \$ 65,111 Interest income HCP's share of unconsolidated JVs Adjustment to NOI (19,943)1,865 (1,006)(534)(2,450)Non-SPP NOI 5,568 (12,557)(9,227)(5,515)184 \$ **SPP NOI** 62,890 60,687 \$ 60,695 \$ 61,132 \$ 62,845 Non-cash adjustment to SPP NOI 1,006 1,247 2,671 (1,257)1,614 SPP cash NOI \$ 63,896 59,430 62,309 62,379 65,516

SHOP

		Three Months Ended												
	De	ecember 31, 2017		March 31, 2018		June 30, 2018	Se	ptember 30, 2018	De	cember 31, 2018				
Net income (loss)	\$	(6,597)	\$	35,123	\$	55,845	\$	9,903	\$	(19,145)				
Interest expense		970		988		990		688		659				
Depreciation and amortization		27,505		27,628		28,002		25,166		23,609				
Impairments (recoveries), net		_		_		_		5,268		32,802				
Loss (gain) on sales of real estate, net		(17,354)		(20,815)		(48,252)		(10,163)		(14,633)				
NOI	\$	4,524	\$	42,924	\$	36,585	\$	30,862	\$	23,292				
Adjustment to NOI		33,560		(1,607)		(124)		1,378		3,230				
Cash NOI	\$	38,084	\$	41,317	\$	36,461	\$	32,240	\$	26,522				
Interest income		_		_		_		_		_				
HCP's share of unconsolidated JVs		_		_		_		_		_				
Portfolio Income	\$	38,084	\$	41,317	\$	36,461	\$	32,240	\$	26,522				
Interest income		_		_		_		_		_				
HCP's share of unconsolidated JVs		_		_		_		_		_				
Adjustment to NOI		(33,560)		1,607		124		(1,378)		(3,230)				
Non-SPP NOI		3,357		(20,252)		(15,515)		(10,383)		(5,681)				
SPP NOI	\$	7,881	\$	22,672	\$	21,070	\$	20,479	\$	17,611				
Non-cash adjustment to SPP NOI		13,405		242		502		342		1,208				
SPP cash NOI	\$	21,286	\$	22,914	\$	21,572	\$	20,821	\$	18,819				



Life Science

Three Months Ended December 31, 2017 March 31, 2018 June 30, 2018 September 30, 2018 December 31, 2018 Net income (loss) \$ 50,816 41,650 35,311 \$ 120,442 763,666 85 80 78 Interest expense 83 76 Depreciation and amortization 33,215 36,080 35,269 34,432 34,699 Impairments (recoveries), net 7,639 Loss (gain) on sales of real estate, net (9,501)(80,580)(725,604)\$ NOI 74,615 77,813 78,299 \$ 74,372 72,837 \$ Adjustment to NOI (3,307)(3,751)(2,233)(1,439)(2,165)\$ Cash NOI 71,308 \$ 74,062 \$ 76,066 \$ 72,933 \$ 70,672 Interest income HCP's share of unconsolidated JVs Portfolio Income \$ 71,308 \$ 74,062 \$ 76,066 \$ 72,933 \$ 70,672 Interest income HCP's share of unconsolidated JVs Adjustment to NOI 3,307 3,751 2,233 1,439 2,165 Non-SPP NOI (19, 183)(23,617)(23,979)(18,348)(16,553)**SPP NOI** \$ 55,432 \$ 54,196 \$ 54,320 \$ 56,024 \$ 56,284 Non-cash adjustment to SPP NOI (1,650)(647)(223)(397)(378)SPP cash NOI \$ 53,782 53,549 54,097 55,627 55,906

Medical Office

	Three Months Ended											
	Dec	cember 31, 2017		March 31, 2018		June 30, 2018	Se	ptember 30, 2018	December 31, 2018			
Net income (loss)	\$	32,147	\$	31,600	\$	31,437	\$	33,960	\$	32,406		
Interest expense		124		120		119		117		118		
Depreciation and amortization		42,534		45,519		46,419		50,294		51,479		
Loss (gain) on sales of real estate, net		6		_		_		(3,903)		(527)		
NOI	\$	74,811	\$	77,239	\$	77,975	\$	80,468	\$	83,476		
Adjustment to NOI		(648)		(1,071)		(993)		(319)		(516)		
Cash NOI	\$	74,163	\$	76,168	\$	76,982	\$	80,149	\$	82,960		
Interest income		_		_		_		_		_		
HCP's share of unconsolidated JVs		_		_		_		_		_		
Portfolio Income	\$	74,163	\$	76,168	\$	76,982	\$	80,149	\$	82,960		
Interest income		_		_		_		_		_		
HCP's share of unconsolidated JVs		_		_		_		_		_		
Adjustment to NOI		648		1,071		993		319		516		
Non-SPP NOI		(7,135)		(9,755)		(9,823)		(12,460)		(14,855)		
SPP NOI	\$	67,676	\$	67,484	\$	68,152	\$	68,008	\$	68,621		
Non-cash adjustment to SPP NOI		(223)		(441)		(409)		137		141		
SPP cash NOI	\$	67,453	\$	67,043	\$	67,743	\$	68,145	\$	68,762		
			_		_				_			



In thousands

Other

	Three Months Ended											
	Dec	cember 31, 2017	ı	March 31, 2018		June 30, 2018	September 30, 2018		Dec	cember 31, 2018		
Net income (loss)	\$	(52,650)	\$	(17,417)	\$	40,561	\$	18,356	\$	63,255		
Interest income		(5,263)		(6,365)		(1,447)		(1,236)		(1,358)		
Interest expense		688		728		742		_		_		
Depreciation and amortization		7,236		12,117		12,351		3,422		3,408		
Impairments (recoveries), net		84,374		_		_		_		3,278		
Loss (gain) on sales of real estate, net		_		_		(20,851)		(223)		318		
Other expense (income), net		_		40,567		_		_		(50,171)		
Equity loss (income) from unconsolidated JVs		(6,330)		(570)		101		911		2,152		
NOI	\$	28,055	\$	29,060	\$	31,457	\$	21,230	\$	20,882		
Adjustment to NOI		(1,284)		(1,392)		(1,318)		(857)		(851)		
Cash NOI	\$	26,771	\$	27,668	\$	30,139	\$	20,373	\$	20,031		
Interest income		5,263		6,365		1,447		1,236		1,358		
HCP's share of unconsolidated JVs		19,331		21,737		19,867		23,302		21,466		
Portfolio Income	\$	51,365	\$	55,770	\$	51,453	\$	44,911	\$	42,855		
Interest income		(5,263)		(6,365)		(1,447)		(1,236)		(1,358)		
HCP's share of unconsolidated JVs		(19,331)		(21,737)		(19,867)		(23,302)		(21,466)		
Adjustment to NOI		1,284		1,392		1,318		857		851		
Non-SPP NOI		(8,186)		(8,552)		(10,854)		14		58		
SPP NOI	\$	19,869	\$	20,508	\$	20,603	\$	21,244	\$	20,940		
Non-cash adjustment to SPP NOI		(614)		(691)		(721)		(857)		(852)		
SPP cash NOI	\$	19,255	\$	19,817	\$	19,882	\$	20,387	\$	20,088		
			_									

Corporate Non-Segment

				Thr	ee	Months End	ded			
	De	ecember 31, 2017	ľ	March 31, 2018		June 30, 2018	Se	ptember 30, 2018	De	cember 31, 2018
Net income (loss)	\$	(118,939)	\$	(98,457)	\$	(88,978)	\$	(127,362)	\$	(73,626)
Interest expense		69,395		72,583		70,500		62,004		53,266
General and administrative		21,485		29,175		22,514		23,503		21,510
Transaction costs		5,459		2,195		2,404		4,489		1,684
Other expense (income), net		9,303		(160)		(1,786)		(1,604)		(162)
Loss on debt extinguishments		_		_		_		43,899		263
Income tax expense (benefit)		13,297		(5,336)		(4,654)		(4,929)		(2,935)
NOI	\$		\$		\$		\$		\$	



Segment Cash NOI Same Property Performance

For the year ended December 31, 2018

Net income (loss)		Senior Housing riple-Net	SHOP	Li	fe Science	Medical Office	Other	Corporate n-segment	Total
Interest expense	Net income (loss)	\$ 191,105	\$ 76,168	\$	961,071	\$ 129,404	\$ 104,752	\$ (389,026)	\$ 1,073,474
Depreciation and amortization 79,605 104,405 140,480 193,710 31,299 — 549,499 General and administrative — — — — — — — — — — — — — — — — — — —	Interest income	_	_		_	_	(10,406)	_	(10,406)
General and administrative — — — — 96,702 96,702 Transaction costs — — — — 10,772 10,772 Loss (gain) on sales of real estate, net — (641) (93,977) (806,184) (4,428) (20,755) — (925,985) Impairments (recoveries), net — 44,343 7,639 — 3,278 — 55,260 Other expense (income), net — — — — (9,605) (3,711) (13,318) Loss on debt extinguishments — — — — — 44,162 44,162 Income tax expense (benefit) — — — — — 44,162 44,162 Income tax expense (benefit) — — — — — — — 44,162 44,162 Equity loss (income) from unconsolidated Jvs — — — 2,594 — — 1,13,1245 Adjustment to NOI 2,127 2,875	Interest expense	2,404	2,725		316	474	1,469	258,955	266,343
Transaction costs — — — — 10,772 10,772 Loss (gain) on sales of real estate, net (641) (93,977) (806,184) (4,428) (20,755) — (925,985) Impairments (recoveries), net — 44,343 7,639 — 3,278 — 55,260 Other expense (income), net — — — (9,605) (3,711) (13,316) Loss on debt extinguishments — — — — — 44,162 Income tax expense (benefit) — — — — — 44,162 Equity loss (income) from unconsolidated JVs — — — 2,594 — 2,594 NOI \$ 272,473 \$ 133,664 \$ 303,322 \$ 319,160 \$ 102,626 \$ — \$ 1,131,245 Adjustment to NOI \$ 2,127 2,875 (9,589) (2,899) (4,418) — (11,904) Cash NOI \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 98,208 <td>Depreciation and amortization</td> <td>79,605</td> <td>104,405</td> <td></td> <td>140,480</td> <td>193,710</td> <td>31,299</td> <td>_</td> <td>549,499</td>	Depreciation and amortization	79,605	104,405		140,480	193,710	31,299	_	549,499
Coss (gain) on sales of real estate, net Coss (gain) on sales of real estate, net Coss (gain) on sales of real estate, net Coss on debt extensive (income), net Coss on debt extinguishments Coss on debt extinguishment Coss on	General and administrative	_	_		_	_	_	96,702	96,702
estate, net (641) (93,977) (806,184) (4,428) (20,755) — (925,985) Impairments (recoveries), net — 44,343 7,639 — 3,278 — 55,260 Other expense (income), net — — — — — — — — — — — — — — — — — — —	Transaction costs	_	_		_	_	_	10,772	10,772
Other expense (income), net — — — — — — 44,162 44,162 44,162 Income tax expense (benefit) — — — — — 44,162 44,162 44,162 Income tax expense (benefit) — — — — — 44,162 44,162 44,162 Income tax expense (benefit) — — — — 44,162 44,162 44,162 Income (17,854) (17,854) 44,162 44,162 Income (17,854) 44,162 44,114 44,162 44,114 44,114		(641)	(93,977)		(806,184)	(4,428)	(20,755)	_	(925,985)
Loss on debt extinguishments — — — 44,162 44,162 Income tax expense (benefit) — — — — (17,854) (17,854) Equity loss (income) from unconsolidated JVs — — — 2,594 — 2,594 NOI \$ 272,473 \$ 133,664 \$ 303,322 \$ 319,160 \$ 102,626 \$ — \$ 1,131,245 Adjustment to NOI 2,127 2,875 (9,589) (2,899) (4,418) — (11,904) Cash NOI \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 98,208 \$ — \$ 1,119,341 Interest income — — — — 10,406 — 10,406 HCP's share of unconsolidated JVs: — — — 86,372 — 86,372 Portfolio Income \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 194,986 — \$ 1,216,119 Interest income — — — — — — (10,406) </td <td>Impairments (recoveries), net</td> <td>_</td> <td>44,343</td> <td></td> <td>7,639</td> <td>_</td> <td>3,278</td> <td>_</td> <td>55,260</td>	Impairments (recoveries), net	_	44,343		7,639	_	3,278	_	55,260
Income tax expense (benefit)	Other expense (income), net	_	_		_	_	(9,605)	(3,711)	(13,316)
Equity loss (income) from unconsolidated JVs	Loss on debt extinguishments	_	_		_	_	_	44,162	44,162
NOI \$ 272,473 \$ 133,664 \$ 303,322 \$ 319,160 \$ 102,626 \$ — \$ 1,131,245 Adjustment to NOI 2,127 2,875 (9,589) (2,899) (4,418) — (11,904) Cash NOI \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 98,208 \$ — \$ 1,119,341 Interest income — — — — — — — — — 10,406 — \$ 10,406 — \$ 10,406 HCP's share of unconsolidated JVs: — — — — — — — 86,372 — 86,372 — 86,372 Portfolio Income \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 194,986 — \$ 1,216,119 Interest income — — — — — — — — — (10,406) — \$ 1,216,119 — (10,406) — \$ 1,216,119 HCP's share of unconsolidated JVs — — — — — — — (10,406) — (10,406) — (10,406) — (10,406) HCP's share of unconsolidated JVs — — — — — — — (86,372) — (86,372) — (86,372) — (86,372) Adjustment to NOI (2,127) (2,875) 9,589 2,899 4,418 — 11,904 Non-SPP NOI \$ 245,360 80,376 206,368	Income tax expense (benefit)	_	_		_	_	_	(17,854)	(17,854)
Adjustment to NOI 2,127 2,875 (9,589) (2,899) (4,418) — (11,904) Cash NOI \$ 274,600 \$ 136,539 293,733 \$ 316,261 \$ 98,208 — \$ 1,119,341 Interest income — — — — 10,406 — 10,406 HCP's share of unconsolidated JVs: — — — — 86,372 — 86,372 Portfolio Income \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 194,986 \$ — \$ 1,216,119 Interest income — — — — (10,406) — \$ 1,216,119 Interest income — — — — — (10,406) — \$ 1,216,119 Interest income — — — — — (10,406) — (10,406) HCP's share of unconsolidated JVs — — — — — (86,372) — (86,372) Adjustment to NOI (2,127)							2,594		2,594
Cash NOI \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 98,208 \$ — \$ 1,119,341 Interest income — — — — — 10,406 — 10,406 HCP's share of unconsolidated JVs: — — — — — 86,372 — 86,372 Portfolio Income \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 194,986 \$ — \$ 1,216,119 Interest income — — — — — (10,406) — (10,406) HCP's share of unconsolidated JVs — — — — — (86,372) — (86,372) Adjustment to NOI (2,127) (2,875) 9,589 2,899 4,418 — 11,904 Non-SPP NOI (27,113) (53,288) (96,954) (50,032) (19,332) — (246,719) SPP NOI \$ 245,360 \$ 80,376 206,368 269,128 \$ 83,294 \$ — \$ 884,526	NOI	\$ 272,473	\$ 133,664	\$	303,322	\$ 319,160	\$ 102,626	\$ _	\$ 1,131,245
Interest income	Adjustment to NOI	2,127	2,875		(9,589)	(2,899)	(4,418)	_	(11,904)
HCP's share of unconsolidated JVs: — — — — — 86,372 — 86,372 Portfolio Income \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 194,986 \$ — \$ 1,216,119 Interest income — — — — — (10,406) — (10,406) HCP's share of unconsolidated JVs — — — — — (86,372) — (86,372) Adjustment to NOI (2,127) (2,875) 9,589 2,899 4,418 — 11,904 Non-SPP NOI (27,113) (53,288) (96,954) (50,032) (19,332) — (246,719) SPP NOI \$ 245,360 \$ 80,376 \$ 206,368 269,128 \$ 83,294 \$ — \$ 884,526 Non-cash adjustment to SPP NOI 4,274 2,174 596 (307) (3,118) — 3,619	Cash NOI	\$ 274,600	\$ 136,539	\$	293,733	\$ 316,261	\$ 98,208	\$ _	\$ 1,119,341
JVs: — — — — 86,372 — 86,372 Portfolio Income \$ 274,600 \$ 136,539 \$ 293,733 \$ 316,261 \$ 194,986 — \$ 1,216,119 Interest income — — — — — (10,406) — (10,406) HCP's share of unconsolidated JVs — — — — (86,372) — (86,372) Adjustment to NOI (2,127) (2,875) 9,589 2,899 4,418 — 11,904 Non-SPP NOI (27,113) (53,288) (96,954) (50,032) (19,332) — (246,719) SPP NOI \$ 245,360 \$ 80,376 \$ 206,368 \$ 269,128 \$ 83,294 \$ — \$ 884,526 Non-cash adjustment to SPP NOI 4,274 2,174 596 (307) (3,118) — 3,619	Interest income	_	_		_	_	10,406	_	10,406
Interest income — — — — — (10,406) — (10,406) HCP's share of unconsolidated JVs — — — — (86,372) — (86,372) Adjustment to NOI (2,127) (2,875) 9,589 2,899 4,418 — 11,904 Non-SPP NOI (27,113) (53,288) (96,954) (50,032) (19,332) — (246,719) SPP NOI \$ 245,360 \$ 80,376 \$ 206,368 \$ 269,128 \$ 83,294 \$ — \$ 884,526 Non-cash adjustment to SPP NOI 4,274 2,174 596 (307) (3,118) — 3,619		 				<u> </u>	86,372	<u> </u>	86,372
HCP's share of unconsolidated JVs — — — — — (86,372) — (86,372) Adjustment to NOI (2,127) (2,875) 9,589 2,899 4,418 — 11,904 Non-SPP NOI (27,113) (53,288) (96,954) (50,032) (19,332) — (246,719) SPP NOI \$ 245,360 \$ 80,376 \$ 206,368 \$ 269,128 \$ 83,294 \$ — \$ 884,526 Non-cash adjustment to SPP NOI 4,274 2,174 596 (307) (3,118) — 3,619	Portfolio Income	\$ 274,600	\$ 136,539	\$	293,733	\$ 316,261	\$ 194,986	\$ _	\$ 1,216,119
JVs — — — — (86,372) — (86,372) Adjustment to NOI (2,127) (2,875) 9,589 2,899 4,418 — 11,904 Non-SPP NOI (27,113) (53,288) (96,954) (50,032) (19,332) — (246,719) SPP NOI \$ 245,360 \$ 80,376 \$ 206,368 \$ 269,128 \$ 83,294 \$ — \$ 884,526 Non-cash adjustment to SPP NOI 4,274 2,174 596 (307) (3,118) — 3,619	Interest income	_	_		_	_	(10,406)	_	(10,406)
Non-SPP NOI (27,113) (53,288) (96,954) (50,032) (19,332) — (246,719) SPP NOI \$ 245,360 \$ 80,376 \$ 206,368 \$ 269,128 \$ 83,294 \$ — \$ 884,526 Non-cash adjustment to SPP NOI 4,274 2,174 596 (307) (3,118) — 3,619		_	_		_	_	(86,372)	_	(86,372)
SPP NOI \$ 245,360 \$ 80,376 \$ 206,368 \$ 269,128 \$ 83,294 \$ — \$ 884,526 Non-cash adjustment to SPP NOI 4,274 2,174 596 (307) (3,118) — 3,619	Adjustment to NOI	(2,127)	(2,875)		9,589	2,899	4,418	_	11,904
Non-cash adjustment to SPP	Non-SPP NOI	(27,113)	(53,288)		(96,954)	(50,032)	(19,332)		(246,719)
NOI 4,274 2,174 596 (307) (3,118) — 3,619	SPP NOI	\$ 245,360	\$ 80,376	\$	206,368	\$ 269,128	\$ 83,294	\$ 	\$ 884,526
SPP cash NOI \$ 249,634 \$ 82,550 \$ 206,964 \$ 268,821 \$ 80,176 \$ — \$ 888,145		4,274	2,174		596	(307)	(3,118)	_	3,619
	SPP cash NOI	\$ 249,634	\$ 82,550	\$	206,964	\$ 268,821	\$ 80,176	\$ 	\$ 888,145



For the year ended December 31, 2017

	Senior Housing riple-Net	SHOP	Lif	fe Science	Medical Office	Other	Corporate on-segment	Total
Net income (loss)	\$ 461,149	\$ 35,385	\$	197,494	\$ 133,056	\$ 56,823	\$ (461,273)	\$ 422,634
Interest income	_	_		_	_	(56,237)	_	(56,237)
Interest expense	2,518	7,920		373	506	4,230	292,169	307,716
Depreciation and amortization	103,820	103,162		128,864	169,795	29,085	_	534,726
General and administrative	_	_		_	_	_	88,772	88,772
Transaction costs	_	_		_	_	_	7,963	7,963
Loss (gain) on sales of real estate, net	(280,349)	(17,485)		(45,916)	(9,095)	(3,796)	_	(356,641)
Impairments (recoveries), net	22,590	_		_	_	143,794	_	166,384
Other expense (income), net	_	_		_	_	(50,895)	19,475	(31,420)
Loss on debt extinguishments	_	_		_	_	_	54,227	54,227
Income tax expense (benefit)	_	_		_	_	_	(1,333)	(1,333)
Equity loss (income) from unconsolidated JVs	_					(10,901)		(10,901)
NOI	\$ 309,728	\$ 128,982	\$	280,815	\$ 294,262	\$ 112,103	\$ _	\$ 1,125,890
Adjustment to NOI	17,098	33,227		(4,517)	(2,952)	(4,446)		38,410
Cash NOI	\$ 326,826	\$ 162,209	\$	276,298	\$ 291,310	\$ 107,657	\$ _	\$ 1,164,300
Interest income	_	_		_	_	56,237	_	56,237
HCP's share of unconsolidated JVs:	_	_		_	_	75,940	_	75,940
Portfolio Income	\$ 326,826	\$ 162,209	\$	276,298	\$ 291,310	\$ 239,834	\$ 	\$ 1,296,477
Interest income	_	_		_	_	(56,237)	_	(56,237)
HCP's share of unconsolidated JVs	_	_		_	_	(75,940)	_	(75,940)
Adjustment to NOI	(17,098)	(33,227)		4,517	2,952	4,446	_	(38,410)
Non-SPP NOI	(70,826)	(55,895)		(78,465)	(29,809)	(32,771)	_	(267,766)
SPP NOI	\$ 238,902	\$ 73,087	\$	202,350	\$ 264,453	\$ 79,332	\$ 	\$ 858,124
Non-cash adjustment to SPP NOI	5,899	12,759		1,636	(1,279)	(1,648)		17,367
SPP cash NOI	\$ 244,801	\$ 85,846	\$	203,986	\$ 263,174	\$ 77,684	\$ 	\$ 875,491



REVPOR SHOP

	Three Months Ended									
	December 31, 2017		March 31, 2018		June 30, 2018		September 30, 2018		December 31, 2018	
REVPOR SHOP										
Real Estate Revenues	\$	133,789	\$	144,670	\$	138,352	\$	137,044	\$	127,909
Adjustments to real estate revenues		(1,071)		(2,352)		(1,652)		771		41
Cash Real Estate Revenues	\$	132,718	\$	142,318	\$	136,700	\$	137,815	\$	127,950
Other adjustments to REVPOR SHOP ⁽¹⁾		(10,801)		(2,527)		(20,136)		(25,055)		(28,998)
REVPOR SHOP revenues	\$	121,917	\$	139,791	\$	116,564	\$	112,760	\$	98,952
		,						,		
Average occupied units/month		10,216		11,452		9,648		9,193		7,745
REVPOR SHOP per month ⁽²⁾	\$	3,978	\$	4,069	\$	4,027	\$	4,089	\$	4,259
SPP REVPOR SHOP										
REVPOR SHOP revenues	\$	121,917	\$	139,791	\$	116,564	\$	112,760	\$	98,952
Change in reporting structure ⁽³⁾		_		(528)		(513)		(13,756)		(19,920)
Other non-SPP cash real estate revenues		(55,656)		(71,265)		(48,164)		(31,811)		(12,511)
SPP REVPOR SHOP revenues	\$	66,261	\$	67,998	\$	67,887	\$	67,193	\$	66,520
							_			
SPP average occupied units/month		5,589		5,566		5,495		5,450		5,446
SPP REVPOR SHOP per month ⁽²⁾	\$	3,952	\$	4,072	\$	4,118	\$	4,109	\$	4,071

⁽¹⁾ Includes revenue for newly completed facilities under lease-up, facilities acquired or transitioned to new operators during the relevant period, assets in redevelopment, and assets that experienced a casualty event that significantly impacted operations.



⁽²⁾ Represents the current quarter REVPOR divided by a factor of three.

⁽³⁾ Represents revenues for assets that transitioned from senior housing triple-net to SHOP during the year-over-year comparison period.