

REALOGY HOLDINGS CORP.

Form 10-Q

November 04, 2016

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 10-Q

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

For the quarterly period ended September 30, 2016

OR

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

For the transition period from _____ to _____

Commission File No. 001-35674

REALOGY HOLDINGS CORP.

(Exact name of registrant as specified in its charter)

20-8050955

(I.R.S. Employer Identification Number)

Commission File No. 333-148153

REALOGY GROUP LLC

(Exact name of registrant as specified in its charter)

20-4381990

(I.R.S. Employer Identification Number)

Delaware

(State or other jurisdiction of incorporation or organization)

175 Park Avenue

Madison, NJ 07940

(Address of principal executive offices) (Zip Code)

(973) 407-2000

(Registrants' telephone number, including area code)

Indicate by check mark whether the Registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) have been subject to such filing requirements for the past 90 days.

Realogy Holdings Corp. Yes ☒ No ☐ Realogy Group LLC Yes ☐ No ☒

Indicate by check mark whether the Registrants have submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the Registrants were required to submit and post such files).

Realogy Holdings Corp. Yes ☒ No ☐ Realogy Group LLC Yes ☒ No ☐

Indicate by check mark whether the Registrants are large accelerated filers, accelerated filers, non-accelerated filers, or smaller reporting companies. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	Accelerated filer	Non-accelerated filer	Smaller reporting company
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(Do not check if a
smaller reporting
company)

Realogy Holdings Corp.	<input checked="" type="checkbox"/>
Realogy Group LLC	<input type="checkbox"/>	..	<input checked="" type="checkbox"/>	..

Indicate by check mark whether the Registrants are a shell company (as defined in Rule 12b-2 of the Exchange Act).

Realogy Holdings Corp. Yes ☐ No ☒ Realogy Group LLC Yes ☐ No ☒

There were 142,630,189 shares of Common Stock, \$0.01 par value, of Realogy Holdings Corp. outstanding as of November 2, 2016.

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INTRODUCTORY NOTE

Except as otherwise indicated or unless the context otherwise requires, the terms "we," "us," "our," "our company," "Realogy," "Realogy Holdings" and the "Company" refer to Realogy Holdings Corp., a Delaware corporation, and its consolidated subsidiaries, including Realogy Intermediate Holdings LLC, a Delaware limited liability company ("Realogy Intermediate"), and Realogy Group LLC, a Delaware limited liability company ("Realogy Group"). Neither Realogy Holdings, the indirect parent of Realogy Group, nor Realogy Intermediate, the direct parent company of Realogy Group, conducts any operations other than with respect to its respective direct or indirect ownership of Realogy Group. As a result, the consolidated financial positions, results of operations and cash flows of Realogy Holdings, Realogy Intermediate and Realogy Group are the same.

Realogy Holdings is not a party to the Senior Secured Credit Facility and Term Loan A Facility and certain references in this report to our consolidated indebtedness exclude Realogy Holdings with respect to indebtedness under the Senior Secured Credit Facility and Term Loan A Facility. In addition, while Realogy Holdings is a guarantor of Realogy Group's obligations under its unsecured notes, Realogy Holdings is not subject to the restrictive covenants in the indentures governing such indebtedness.

FORWARD-LOOKING STATEMENTS

Forward-looking statements included in this report and our other public filings or other public statements that we make from time to time are based on various facts and derived utilizing numerous important assumptions and are subject to known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Forward-looking statements include the information concerning our future financial performance, business strategy, projected plans and objectives, as well as projections of macroeconomic and industry trends, which are inherently unreliable due to the multiple factors that impact economic trends, and any such variations may be material. Statements preceded by, followed by or that otherwise include the words "believes," "expects," "anticipates," "intends," "projects," "estimates," "plans," and similar expressions or future or conditional verbs such as "will," "should," "would," "may" and "could" are generally forward-looking in nature and not historical facts. You should understand that the following important factors could affect our future results and cause actual results to differ materially from those expressed in the forward-looking statements:

- risks related to general business, economic, employment and political conditions and the U.S. residential real estate markets, either regionally or nationally, including but not limited to:

- a lack of improvement or a decline in the number of homesales, stagnant or declining home prices and/or a deterioration in other economic factors that particularly impact the residential real estate market and the business segments in which we operate;

- a decrease in consumer confidence;

- the impact of recessions, slow economic growth, disruptions in the U.S. government or banking system, disruptions in a major geoeconomic region, or equity or commodity markets and high levels of unemployment in the U.S. and abroad, which may impact all or a portion of the housing markets in which we and our franchisees operate;

- increasing mortgage rates and/or constraints on the availability of mortgage financing;

- legislative, tax or regulatory changes (including changes in regulatory interpretations or enforcement practices) that would adversely impact the residential real estate market, including changes relating to the Real Estate Settlement Procedures Act ("RESPA") and potential reforms of Fannie Mae and Freddie Mac, and potential tax code reform;

- continued or lengthier delays in homesale transaction closings that impact us or other industry participants resulting from the Consumer Financial Protection Bureau's rule relating to integrated mortgage disclosure forms, which became effective for new loan applications beginning October 3, 2015;

- a decrease in housing affordability;

- high levels of foreclosure activity;

- insufficient or excessive home inventory levels by market;

- changing attitudes towards home ownership, particularly among potential first-time homebuyers who may delay, or decide not to, purchase a home; and

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the inability or unwillingness of current homeowners to purchase their next home due to various factors, including limited or negative equity in their current home, difficult mortgage underwriting standards, attractive rates on existing mortgages and the lack of available inventory in their market;

increased competition whether through traditional competitors or competitors with alternative business models; competition for more productive agents and manager talent may continue to impact the ability of our company owned brokerage business and our affiliated franchisees to attract and retain independent sales associates, either individually or as members of a team, at commission split rates currently paid by our company owned brokerages and our affiliated franchisees;

our geographic and high-end market concentration, particularly with respect to our company owned brokerage operations;

our inability to enter into franchise agreements with new franchisees at current net effective royalty rates, or to realize royalty revenue growth from them;

our inability to renew existing franchise agreements at current net effective royalty rates or without increasing the amount and prevalence of non-standard incentives, or to maintain or enhance our value proposition to franchisees, including but not limited to our ability to successfully develop, license and scale our ZAPSM technology to our franchisees;

the lack of revenue growth or declining profitability of our franchisees and company owned brokerage operations, including the impact of lower average broker commission rates;

disputes or issues with entities that license us their tradenames for use in our business that could impede our franchising of those brands;

actions by our franchisees that could harm our business or reputation, non-performance of our franchisees, controversies with our franchisees or actions against us by their independent sales associates or employees or third parties with which our franchisees have business relationships;

loss or attrition among our senior executives or other key employees;

we may be unable to achieve or maintain cost savings and other benefits from our restructuring activities;

our restructuring activities could have an adverse impact on our operations;

our inability to realize the benefits from acquisitions due to the loss of key personnel or productive agents of the acquired companies, as well as the possibility that expected benefits and synergies of the transactions may not be achieved in a timely manner or at all;

our failure or alleged failure to comply with laws, regulations and regulatory interpretations and any changes in laws and regulations or stricter interpretations of regulatory requirements, including but not limited to (1) state or federal employment laws or regulations that would require reclassification of independent contractor sales associates to employee status; and (2) RESPA or state consumer protection or similar laws;

any adverse resolution of litigation, governmental or regulatory proceedings or arbitration awards as well as any adverse impact of decisions to voluntarily modify business arrangements or enter into settlement agreements to avoid the risk of protracted and costly litigation or other proceedings;

the general impact of emerging technologies on our business;

our inability to obtain new technologies and systems, to replace or introduce new technologies and systems as quickly as our competitors and in a cost-effective manner or to achieve the benefits anticipated from new technologies or systems;

the failure or significant disruption of our operations from various causes related to our critical information technologies and systems including cybersecurity threats to our data and customer, franchisee and independent sales associate data as well as reputational or financial risks associated with a loss of any such data;

risks related to our international operations, including compliance with the Foreign Corrupt Practices Act and similar anti-corruption laws as well as risks relating to the master franchisor model that we deploy internationally;

risks associated with our substantial indebtedness and interest obligations and restrictions contained in our debt agreements, including risks relating to having to dedicate a significant portion of our cash flows from operations to service our debt;

•

risks relating to our ability to refinance or repay our indebtedness, incur additional indebtedness or return capital to stockholders;
• changes in corporate relocation practices resulting in fewer employee relocations, reduced relocation benefits or the loss of one or more significant Affinity clients;

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• an increase in the claims rate of our title underwriter and an increase in mortgage rates could adversely impact the revenue of our title and settlement services segment;

• our inability to securitize certain assets of our relocation business, which would require us to find an alternative source of liquidity that may not be available, or if available, may not be on favorable terms;

risks that could materially adversely impact our equity investment in PHH Home Loans LLC, our joint venture with PHH Corporation ("PHH") including increases in mortgage rates, the impact of joint venture operational or liquidity risks, regulatory changes, litigation, investigations and inquiries and termination of the venture;

- any remaining resolutions or outcomes with respect to contingent liabilities of our former parent, Cendant Corporation ("Cendant"), under the Separation and Distribution Agreement and the Tax Sharing Agreement (each as described in our Annual Report on Form 10-K for the year ended December 31, 2015), including any adverse impact on our future cash flows; and

• new types of taxes or increases in state, local or federal taxes that could diminish profitability or liquidity.

Other factors not identified above, including those described under the headings "Forward-Looking Statements," "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our Annual Report on Form 10-K for the year ended December 31, 2015 (the "2015 Form 10-K"), filed with the Securities and Exchange Commission ("SEC"), may also cause actual results to differ materially from those described in our forward-looking statements. Most of these factors are difficult to anticipate and are generally beyond our control. You should consider these factors in connection with any forward-looking statements that may be made by us and our businesses generally.

Except for our ongoing obligations to disclose material information under the federal securities laws, we undertake no obligation to release publicly any revisions to any forward-looking statements, to report events or to report the occurrence of unanticipated events unless we are required to do so by law. For any forward-looking statement contained in this Report, our public filings or other public statements, we claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995.

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PART I - FINANCIAL INFORMATION

Item 1. Financial Statements.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders of Realogy Holdings Corp.:

We have reviewed the accompanying condensed consolidated balance sheet of Realogy Holdings Corp. and its subsidiaries as of September 30, 2016, and the related condensed consolidated statements of operations and comprehensive income for the three and nine-month periods ended September 30, 2016 and September 30, 2015 and the condensed consolidated statements of cash flows for the nine-month periods ended September 30, 2016 and September 30, 2015. These interim financial statements are the responsibility of the Company's management.

We conducted our review in accordance with the standards of the Public Company Accounting Oversight Board (United States). A review of interim financial information consists principally of applying analytical procedures and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with the standards of the Public Company Accounting Oversight Board (United States), the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

Based on our review, we are not aware of any material modifications that should be made to the accompanying condensed consolidated interim financial statements for them to be in conformity with accounting principles generally accepted in the United States of America.

We previously audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheet as of December 31, 2015, and the related consolidated statements of operations, comprehensive income, equity, and cash flows for the year then ended (not presented herein), and in our report dated February 24, 2016, we expressed an unqualified opinion on those consolidated financial statements which included a paragraph that described the change in the manner of accounting for the presentation of debt issuance costs and the balance sheet classification of deferred taxes in 2015 and retrospectively for prior years. In our opinion, the information set forth in the accompanying condensed consolidated balance sheet as of December 31, 2015, is fairly stated in all material respects in relation to the consolidated balance sheet from which it has been derived.

/s/ PricewaterhouseCoopers LLP
Florham Park, New Jersey
November 4, 2016

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholder of Realogy Group LLC:

We have reviewed the accompanying condensed consolidated balance sheet of Realogy Group LLC and its subsidiaries as of September 30, 2016, and the related condensed consolidated statements of operations and comprehensive income for the three and nine-month periods ended September 30, 2016 and September 30, 2015 and the condensed consolidated statements of cash flows for the nine-month periods ended September 30, 2016 and September 30, 2015. These interim financial statements are the responsibility of the Company's management.

We conducted our review in accordance with the standards of the Public Company Accounting Oversight Board (United States) and in accordance with auditing standards generally accepted in the United States of America applicable to reviews of interim financial information. A review of interim financial information consists principally of applying analytical procedures and making inquiries of persons responsible for financial and accounting matters. It is substantially less in scope than an audit conducted in accordance with the standards of the Public Company Accounting Oversight Board (United States) or in accordance with auditing standards generally accepted in the United States of America, the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

Based on our review, we are not aware of any material modifications that should be made to the accompanying condensed consolidated interim financial statements for them to be in conformity with accounting principles generally accepted in the United States of America.

We previously audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheet as of December 31, 2015, and the related consolidated statements of operations, comprehensive income, equity, and cash flows for the year then ended (not presented herein), and in our report dated February 24, 2016, we expressed an unqualified opinion on those consolidated financial statements which included a paragraph that described the change in the manner of accounting for the presentation of debt issuance costs and the balance sheet classification of deferred taxes in 2015 and retrospectively for prior years. In our opinion, the information set forth in the accompanying condensed consolidated balance sheet as of December 31, 2015, is fairly stated in all material respects in relation to the consolidated balance sheet from which it has been derived.

/s/ PricewaterhouseCoopers LLP
Florham Park, New Jersey
November 4, 2016

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CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(In millions, except per share data)

(Unaudited)

	Three Months Ended September 30, 2016		Nine Months Ended September 30, 2016	
	2015		2015	
Revenues				
Gross commission income	\$1,211	\$1,251	\$3,288	\$3,310
Service revenue	273	265	715	664
Franchise fees	107	103	280	269
Other	53	49	157	138
Net revenues	1,644	1,668	4,440	4,381
Expenses				
Commission and other agent-related costs	834	855	2,256	2,262
Operating	400	381	1,158	1,089
Marketing	58	56	181	171
General and administrative	78	85	234	255
Former parent legacy costs (benefit), net	—	(14)	1	(15)
Restructuring costs	9	—	30	—
Depreciation and amortization	53	55	149	153
Interest expense, net	37	70	169	188
Other income, net	(1)	(2)	(1)	(3)
Total expenses	1,468	1,486	4,177	4,100
Income before income taxes, equity in earnings and noncontrolling interests	176	182	263	281
Income tax expense	74	74	114	116
Equity in earnings of unconsolidated entities	(5)	(4)	(10)	(13)
Net income	107	112	159	178
Less: Net income attributable to noncontrolling interests	(1)	(2)	(3)	(3)
Net income attributable to Realogy Holdings and Realogy Group	\$106	\$110	\$156	\$175
Earnings per share attributable to Realogy Holdings:				
Basic earnings per share	\$0.74	\$0.75	\$1.07	\$1.19
Diluted earnings per share	\$0.73	\$0.74	\$1.06	\$1.18
Weighted average common and common equivalent shares of Realogy Holdings outstanding:				
Basic	144.0	146.6	145.4	146.5
Diluted	145.1	148.1	146.6	148.0
Cash dividends declared per share (beginning in August 2016)	\$0.09	\$—	\$0.09	\$—

See Notes to Condensed Consolidated Financial Statements.

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REALOGY HOLDINGS CORP. AND REALOGY GROUP LLC
 CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(In millions)

(Unaudited)

	Three Months Ended September 30, 2016		Nine Months Ended September 30, 2015	
Net income	\$ 107	\$ 112	\$ 159	\$ 178
Currency translation adjustment	—	(3)	(3)	(3)
Defined benefit pension plan - amortization of actuarial loss to periodic pension cost	—	1	1	1
Other comprehensive loss, before tax	—	(2)	(2)	(2)
Income tax expense related to items of other comprehensive income	1	1	1	1
Other comprehensive loss, net of tax	(1)	(3)	(3)	(3)
Comprehensive income	106	109	156	175
Less: comprehensive income attributable to noncontrolling interests	(1)	(2)	(3)	(3)
Comprehensive income attributable to Realogy Holdings and Realogy Group	\$ 105	\$ 107	\$ 153	\$ 172

See Notes to Condensed Consolidated Financial Statements.

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REALOGY HOLDINGS CORP. AND REALOGY GROUP LLC

CONDENSED CONSOLIDATED BALANCE SHEETS

(In millions, except share data)

(Unaudited)

	September 30, 2016	December 31, 2015
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 224	\$ 415
Trade receivables (net of allowance for doubtful accounts of \$14 and \$20)	172	141
Relocation receivables	290	279
Other current assets	140	126
Total current assets	826	961
Property and equipment, net	254	254
Goodwill	3,690	3,618
Trademarks	748	745
Franchise agreements, net	1,378	1,428
Other intangibles, net	326	316
Other non-current assets	233	209
Total assets	\$ 7,455	\$ 7,531
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$ 142	\$ 139
Securitization obligations	255	247
Due to former parent	31	31
Current portion of long-term debt	197	740
Accrued expenses and other current liabilities	431	448
Total current liabilities	1,056	1,605
Long-term debt	3,273	2,962
Deferred income taxes	365	267
Other non-current liabilities	293	275
Total liabilities	4,987	5,109
Commitments and contingencies (Notes 8 and 10)		
Equity:		
Realogy Holdings preferred stock: \$.01 par value; 50,000,000 shares authorized, none issued and outstanding at September 30, 2016 and December 31, 2015	—	—
Realogy Holdings common stock: \$.01 par value; 400,000,000 shares authorized, 142,623,095 shares outstanding at September 30, 2016 and 146,746,537 shares outstanding at December 31, 2015	1	1
Additional paid-in capital	5,621	5,733
Accumulated deficit	(3,119)	(3,280)
Accumulated other comprehensive loss	(39)	(36)
Total stockholders' equity	2,464	2,418
Noncontrolling interests	4	4
Total equity	2,468	2,422
Total liabilities and equity	\$ 7,455	\$ 7,531

See Notes to Condensed Consolidated Financial Statements.

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CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(In millions)

(Unaudited)

	Nine Months Ended September 30, 2016 2015	
Operating Activities		
Net income	\$159	\$178
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	149	153
Deferred income taxes	98	100
Amortization of deferred financing costs and discount	12	13
Equity in earnings of unconsolidated entities	(10)	(13)
Stock-based compensation	39	40
Mark-to-market adjustments on derivatives	39	26
Other adjustments to net income	(4)	(3)
Net change in assets and liabilities, excluding the impact of acquisitions and dispositions:		
Trade receivables	(29)	(56)
Relocation receivables	(14)	(54)
Other assets	(20)	(24)
Accounts payable, accrued expenses and other liabilities	(5)	52
Due to former parent	1	(19)
Dividends received from unconsolidated entities	5	7
Other, net	(9)	—
Net cash provided by operating activities	411	400
Investing Activities		
Property and equipment additions	(61)	(60)
Payments for acquisitions, net of cash acquired	(95)	(111)
Change in restricted cash	(2)	1
Other, net	(5)	(1)
Net cash used in investing activities	(163)	(171)
Financing Activities		
Net change in revolving credit facility	(45)	—
Proceeds from issuance of Term Loan A-1	355	—
Repayment of amended Term Loan B facility	(758)	—
Repayments of term loan facilities	(31)	(14)
Proceeds from issuance of Senior Notes	750	—
Redemption of Senior Notes	(500)	—
Net change in securitization obligations	9	67
Debt issuance costs	(15)	(1)
Repurchase of common stock	(134)	—
Dividends paid on common stock	(13)	—
Proceeds from exercise of stock options	1	3
Taxes paid related to net share settlement for stock-based compensation	(6)	(5)
Payments of contingent consideration related to acquisitions	(23)	(5)

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Other, net	(28)	(18)
Net cash (used in) provided by financing activities	(438)	27
Effect of changes in exchange rates on cash and cash equivalents	(1)	(2)
Net (decrease) increase in cash and cash equivalents	(191)	254
Cash and cash equivalents, beginning of period	415	313
Cash and cash equivalents, end of period	\$224	\$567
Supplemental Disclosure of Cash Flow Information		
Interest payments (including securitization interest of \$5 and \$4 for the periods presented)	\$117	\$165
Income tax payments, net	13	10

See Notes to Condensed Consolidated Financial Statements.

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REALOGY HOLDINGS CORP. AND REALOGY GROUP LLC
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

(Unless otherwise noted, all amounts are in millions)

(Unaudited)

1. BASIS OF PRESENTATION

Realogy Holdings Corp. ("Realogy Holdings", "Realogy" or the "Company") is a holding company for its consolidated subsidiaries including Realogy Intermediate Holdings LLC ("Realogy Intermediate") and Realogy Group LLC ("Realogy Group") and its consolidated subsidiaries. Realogy through its subsidiaries is a global provider of residential real estate services. Neither Realogy Holdings, the indirect parent of Realogy Group, nor Realogy Intermediate, the direct parent company of Realogy Group, conducts any operations other than with respect to its respective direct or indirect ownership of Realogy Group. As a result, the consolidated financial positions, results of operations, comprehensive income and cash flows of Realogy Holdings, Realogy Intermediate and Realogy Group are the same.

The accompanying Condensed Consolidated Financial Statements include the financial statements of Realogy Holdings and Realogy Group. Realogy Holdings' only asset is its investment in the common stock of Realogy Intermediate, and Realogy Intermediate's only asset is its investment in Realogy Group. Realogy Holdings' only obligations are its guarantees of certain borrowings and certain franchise obligations of Realogy Group. All expenses incurred by Realogy Holdings and Realogy Intermediate are for the benefit of Realogy Group and have been reflected in Realogy Group's Condensed Consolidated Financial Statements.

The Condensed Consolidated Financial Statements have been prepared in accordance with accounting principles generally accepted in the United States of America and with Article 10 of Regulation S-X. Interim results may not be indicative of full year performance because of seasonal and short-term variations. The Company has eliminated all material intercompany transactions and balances between entities consolidated in these financial statements. In presenting the Condensed Consolidated Financial Statements, management makes estimates and assumptions that affect the amounts reported and the related disclosures. Estimates, by their nature, are based on judgment and available information. Accordingly, actual results could differ materially from those estimates.

In management's opinion, the accompanying Condensed Consolidated Financial Statements reflect all normal and recurring adjustments necessary to present fairly Realogy Holdings and Realogy Group's financial position as of September 30, 2016 and the results of operations and comprehensive income for the three and nine months ended September 30, 2016 and 2015 and cash flows for the nine months ended September 30, 2016 and 2015. As the interim Condensed Consolidated Financial Statements are prepared using the same accounting principles and policies used to prepare the annual consolidated financial statements, they should be read in conjunction with the Consolidated Financial Statements for the year ended December 31, 2015 included in the Annual Report on Form 10-K for the year ended December 31, 2015.

Fair Value Measurements

The following tables present the Company's assets and liabilities that are measured at fair value on a recurring basis and are categorized using the fair value hierarchy. The fair value hierarchy has three levels based on the reliability of the inputs used to determine fair value.

Level Input: Input Definitions:

Level I	Inputs are unadjusted, quoted prices for identical assets or liabilities in active markets at the measurement date.
Level II	Inputs other than quoted prices included in Level I that are observable for the asset or liability through corroboration with market data at the measurement date.
Level III	Unobservable inputs that reflect management's best estimate of what market participants would use in pricing the asset or liability at the measurement date.

The availability of observable inputs can vary from asset to asset and is affected by a wide variety of factors, including, for example, the type of asset, whether the asset is new and not yet established in the marketplace, and other characteristics particular to the transaction. To the extent that valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. Accordingly, the degree of judgment exercised by the Company in determining fair value is greatest for instruments categorized in Level III. In certain cases, the

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inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the level in the fair value hierarchy within which the fair value measurement in its entirety falls is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

The fair value of financial instruments is generally determined by reference to quoted market values. In cases where quoted market prices are not available, fair value is based on estimates using present value or other valuation techniques, as appropriate. The fair value of interest rate swaps is determined based upon a discounted cash flow approach.

The Company measures financial instruments at fair value on a recurring basis and recognizes transfers within the fair value hierarchy at the end of the fiscal quarter in which the change in circumstances that caused the transfer occurred. There have been no transfers between Level I, II or III assets or liabilities during the nine months ended September 30, 2016.

The following table summarizes fair value measurements by level at September 30, 2016 for assets and liabilities measured at fair value on a recurring basis:

	Level I	Level II	Level III	Total
Interest rate swaps (included in other non-current liabilities)	\$ —	\$ 71	\$ —	\$ 71
Deferred compensation plan assets (included in other non-current assets)	3	—	—	3
Contingent consideration for acquisitions (included in accrued expenses and other current liabilities and non-current liabilities)	—	—	53	53

The following table summarizes fair value measurements by level at December 31, 2015 for assets and liabilities measured at fair value on a recurring basis:

	Level I	Level II	Level III	Total
Interest rate swaps (included in other non-current liabilities)	\$ —	\$ 47	\$ —	\$ 47
Deferred compensation plan assets (included in other non-current assets)	3	—	—	3
Contingent consideration for acquisitions (included in accrued expenses and other current liabilities and non-current liabilities)	—	—	59	59

The fair value of the Company's contingent consideration for acquisitions is measured using a probability weighted-average discount rate to estimate future cash flows based upon the likelihood of achieving future operating results for individual acquisitions. These assumptions are deemed to be unobservable inputs and as such the Company's contingent consideration is classified within Level III of the valuation hierarchy. The Company reassesses the fair value of the contingent consideration liabilities on a quarterly basis.

The following table presents changes in Level III financial liabilities measured at fair value on a recurring basis:

	Level III
Fair value of contingent consideration at December 31, 2015	\$ 59
Additions: contingent consideration related to acquisitions completed during the period	19
Reductions: payments of contingent consideration (reflected in the financing section of the Consolidated Statement of Cash Flows)	(23)
Changes in fair value (reflected in the Consolidated Statement of Operations)	(2)
Fair value of contingent consideration at September 30, 2016	\$ 53

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The following table summarizes the principal amount of the Company's indebtedness compared to the estimated fair value, primarily determined by quoted market values, at:

Debt	September 30, 2016		December 31, 2015	
	Principal Amount	Estimated Fair Value (a)	Principal Amount	Estimated Fair Value (a)
Senior Secured Credit Facility:				
Revolving Credit Facility	\$ 155	\$ 155	\$ 200	\$ 200
Term Loan B	1,097	1,103	1,867	1,849
Term Loan A Facility:				
Term Loan A	419	418	435	426
Term Loan A-1	353	352	—	—
3.375% Senior Notes	—	—	500	500
4.50% Senior Notes	450	469	450	464
5.25% Senior Notes	550	577	300	308
4.875% Senior Notes	500	509	—	—
Securitization obligations	255	255	247	247

(a) The fair value of the Company's indebtedness is categorized as Level I.

Investment in PHH Home Loans

The Company owns 49.9% of PHH Home Loans, a mortgage origination venture formed in 2005 created for the purpose of originating and selling mortgage loans primarily sourced through the Company's real estate brokerage and relocation businesses. PHH Corporation ("PHH") owns the remaining percentage.

In connection with the joint venture, the Company recorded equity earnings related to its investment in PHH Home Loans of \$4 million and \$3 million for the three months ended September 30, 2016 and September 30, 2015, respectively, and \$7 million and \$11 million for the nine months ended September 30, 2016 and September 30, 2015, respectively. The Company received \$3 million in cash dividends from PHH Home Loans during the nine months ended September 30, 2016 compared to \$5 million in cash dividends during the same period in 2015. The Company's investment in PHH Home Loans is \$63 million at September 30, 2016 and \$58 million at December 31, 2015.

Income Taxes

The Company's provision for income taxes in interim periods is computed by applying its estimated annual effective tax rate against the income before income taxes for the period. In addition, non-recurring or discrete items are recorded during the period in which they occur. The provision for income taxes was an expense of \$74 million for both of the three months ended September 30, 2016 and September 30, 2015 and \$114 million and \$116 million for the nine months ended September 30, 2016 and September 30, 2015, respectively.

Derivative Instruments

The Company records derivatives and hedging activities on the balance sheet at their respective fair values. The Company uses foreign currency forward contracts largely to manage its exposure to changes in foreign currency exchange rates associated with its foreign currency denominated receivables and payables. The Company primarily manages its foreign currency exposure to the Euro, Swiss Franc, Canadian Dollar and British Pound. The Company has not elected to utilize hedge accounting for these forward contracts; therefore, any change in fair value is recorded in the Condensed Consolidated Statements of Operations. However, the fluctuations in the value of these forward contracts generally offset the impact of changes in the value of the underlying risk that they are intended to economically hedge. As of September 30, 2016, the Company had outstanding foreign currency forward contracts with a fair value of less than \$1 million and a notional value of \$35 million. As of December 31, 2015, the Company had outstanding foreign currency forward contracts with a fair value of less than \$1 million and a notional value of \$33 million.

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The Company also enters into interest rate swaps to manage its exposure to changes in interest rates associated with its variable rate borrowings. The Company has interest rate swaps with an aggregate notional value of \$1,475 million to offset the variability in cash flows resulting from the term loan facilities as follows:

Notional Value (in millions)	Commencement Date	Expiration Date
\$225	July 2012	February 2018
\$200	January 2013	February 2018
\$600	August 2015	August 2020
\$450	November 2017	November 2022

The swaps help to protect our outstanding variable rate borrowings from future interest rate volatility. The Company has not elected to utilize hedge accounting for these interest rate swaps; therefore, any change in fair value is recorded in the Condensed Consolidated Statements of Operations.

The fair value of derivative instruments was as follows:

Liability Derivatives		Fair Value	
Not Designated as Hedging Instruments	Balance Sheet Location	September 30, 2016	December 31, 2015
		2016	2015
Interest rate swap contracts	Other non-current liabilities	\$ 71	\$ 47

The effect of derivative instruments on earnings was as follows:

Derivative Instruments Not Designated as Hedging Instruments	Location of (Gain) or Loss Recognized for Derivative Instruments	(Gain) or Loss Recognized on Derivatives			
		Three Months Ended September 30, 2016	Nine Months Ended September 30, 2015	Three Months Ended September 30, 2016	Nine Months Ended September 30, 2015
Interest rate swap contracts	Interest expense	\$(5)	\$ 16	\$40	\$27
Foreign exchange contracts	Operating expense	(1)	—	(1)	(1)
Restricted Cash					

Restricted cash primarily relates to amounts specifically designated as collateral for the repayment of outstanding borrowings under the Company's securitization facilities. Such amounts approximated \$10 million and \$8 million at September 30, 2016 and December 31, 2015, respectively, and are included within other current assets on the Company's Condensed Consolidated Balance Sheets.

Supplemental Cash Flow Information

Significant non-cash transactions during the nine months ended September 30, 2016 and September 30, 2015 included capital lease additions of \$10 million and \$13 million, respectively, which resulted in non-cash additions to property and equipment, net and other non-current liabilities.

Stock Repurchases

The Company may repurchase shares of its common stock under authorizations made from its Board of Directors. Shares repurchased are retired and not displayed separately as treasury stock on the consolidated financial statements. The par value of the shares repurchased and retired is deducted from common stock and the excess of the purchase price over par value is first charged against any available additional paid-in capital with the balance charged to retained earnings. Direct costs incurred to repurchase the shares are included in the total cost of the shares. In February 2016, the Company's Board of Directors authorized a share repurchase program of up to \$275 million of the Company's common stock. From the date of authorization through September 30, 2016, the Company repurchased and retired 4.5 million shares of common stock for \$134 million at a weighted average market price of \$29.49 per share.

Dividend Policy

In August 2016, the Company's Board of Directors approved the initiation of a quarterly cash dividend policy on its common stock. The Board declared a cash dividend of \$0.09 per share of the Company's common stock, paid on August 31, 2016 to stockholders of record as of the close of business on August 17, 2016.

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The declaration and payment of any future dividend will be subject to the discretion of the Board of Directors and will depend on a variety of factors, including the Company's financial condition and results of operations, contractual restrictions, including restrictive covenants contained in the Company's credit agreements, and the indentures governing the Company's outstanding debt securities, capital requirements and other factors that the Board of Directors deems relevant.

Pursuant to the Company's policy, the dividends payable in cash are treated as a reduction of additional paid-in capital since the Company is currently in a retained deficit position.

Recently Adopted Accounting Pronouncements

In March 2016, the Financial Accounting Standards Board (the "FASB") issued Accounting Standards Update ("ASU") —Improvements to Employee Share-Based Payment Accounting, amending guidance related to employee share-based payment accounting. The Company elected to early adopt this ASU in the third quarter of 2016 using a modified retrospective approach, effective as if adopted the first day of the fiscal year, January 1, 2016. Adoption of the new guidance resulted in the following:

The new ASU requires all income tax effects of awards to be recognized in the income statement when the awards vest or are settled and will be applied on a prospective basis. Any excess tax benefits that were not previously recognized because the related tax deduction had not reduced current taxes payable are to be recorded on a modified retrospective basis through a cumulative effect adjustment to retained earnings as of the beginning of the period in which the new guidance is adopted. The Company recorded a cumulative increase of \$5 million to its January 1, 2016 accumulated deficit balance with a corresponding decrease in deferred tax liabilities related to the prior years' unrecognized excess tax benefits.

Furthermore, the guidance requires that income taxes paid by the Company related to the net share settlement for stock-based compensation be presented as a financing activity on the statement of cash flows and requires retrospective application. The Company applied this cash flow presentation change which resulted in the reclassification of \$6 million and \$5 million of taxes paid related to net share settlements of stock-based compensation awards from operating activities to financing activities during the nine months ended September 30, 2016 and 2015, respectively.

In addition, the Company elected to account for forfeitures on share-based payment awards in compensation cost as they occur as opposed to estimating forfeitures. The cumulative impact for the forfeiture change was immaterial and was recorded as a decrease to the January 1, 2016 accumulated deficit balance. The current year impact for the change was immaterial and was recognized in the third quarter of 2016.

Recently Issued Accounting Pronouncements

The Company considers the applicability and impact of all Accounting Standards Updates. ASUs not listed below were assessed and determined to be either not applicable or are expected to have minimal impact on our consolidated financial position or results of operations.

In August 2016, the FASB issued a new standard on classification of cash receipts and payments on the statement of cash flows intending to reduce diversity in practice on how certain transactions are classified. The new standard is effective for annual periods beginning after December 15, 2017 and will require a retrospective application at the beginning of the earliest comparative period presented in the year of adoption. The Company is currently evaluating the impact of the standard on its consolidated financial statements.

In February 2016, the FASB issued its new standard on leases which requires virtually all leases to be recognized on the balance sheet. Lessees will recognize a right-of-use asset and a lease liability for all leases (other than leases that meet the definition of a short-term lease). The liability will be equal to the present value of lease payments. The asset will be based on the liability, subject to adjustment, such as for initial direct costs. For income statement purposes, the FASB retained a dual model, requiring leases to be classified as either operating or finance leases. Operating leases will result in straight-line expense, similar to current operating leases, while finance leases will result in a front-loaded expense pattern, similar to current capital leases. Classification will be based on criteria that are largely similar to those applied in current lease accounting, but without explicit bright lines. The new standard is effective for annual periods beginning after December 15, 2018. Early adoption is permitted. The new leasing standard requires modified retrospective transition, which requires application of the new guidance at the beginning of the earliest comparative

period presented in the year of adoption. The Company is currently evaluating the impact of the standard on its consolidated financial statements.

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In May 2014, the FASB issued a standard on revenue recognition that will impact most companies to some extent. The objective of the revenue standard is to provide a single, comprehensive revenue recognition model for all contracts with customers to improve comparability within industries, across industries, and across capital markets. The revenue standard contains principles that an entity will apply to determine the measurement of revenue and the timing of revenue recognition. The new standard permits for two alternative implementation methods, the use of either (1) full retrospective application to each prior reporting period presented or (2) modified retrospective application in which the cumulative effect of initially applying the revenue standard is recognized as an adjustment to the opening balance of retained earnings in the period of adoption. The Company plans to adopt the new standard in the first quarter of 2018 but has not yet determined the method by which the standard will be adopted. The Company does not expect the new standard to have a material impact on the financial results of the Company as the majority of our revenue is recognized at the completion of a homesale transaction which will not be impacted by this new revenue recognition guidance. The Company is currently evaluating the impact of the standard on other revenue streams.

2. ACQUISITIONS**2016 Acquisitions**

During the nine months ended September 30, 2016, the Company acquired nine real estate brokerage and property management operations through its wholly owned subsidiary, NRT, for aggregate cash consideration of \$74 million and established \$9 million of contingent consideration. These acquisitions resulted in goodwill of \$52 million, customer relationships of \$20 million, pendings and listings of \$6 million, other intangible assets of \$3 million, other assets of \$4 million and other liabilities of \$2 million.

During the nine months ended September 30, 2016, the Company acquired one title and settlement operation through its wholly owned subsidiary, TRG, for cash consideration of \$24 million and established \$10 million of contingent consideration. This acquisition resulted in goodwill of \$20 million, title plant of \$7 million, pendings of \$5 million, trademarks of \$3 million, other intangible assets of \$2 million, other assets of \$6 million and other liabilities of \$9 million.

None of the 2016 acquisitions were significant to the Company's results of operations, financial position or cash flows individually or in the aggregate.

2015 Acquisitions

During the year ended December 31, 2015, the Company acquired thirteen real estate brokerage related operations through its wholly owned subsidiary, NRT, including a large franchisee of the Real Estate Franchise segment, for aggregate cash consideration of \$96 million and established \$13 million of liabilities related to contingent consideration and other acquisition related liabilities. These acquisitions resulted in goodwill of \$94 million, pendings and listings of \$10 million, other intangibles of \$1 million, other assets of \$7 million and other liabilities of \$3 million. During the year ended December 31, 2015, the Company acquired three title and settlement operations through its wholly owned subsidiary, TRG, for cash consideration of \$34 million and established \$37 million of liabilities related to contingent consideration. These acquisitions resulted in goodwill of \$47 million, trademarks of \$9 million, pendings and listings of \$8 million, other intangibles of \$5 million, title plant shares of \$1 million and other assets of \$1 million.

None of the 2015 acquisitions were significant to the Company's results of operations, financial position or cash flows individually or in the aggregate.

3. INTANGIBLE ASSETS

Goodwill by segment and changes in the carrying amount are as follows:

	Real Estate Franchise Services	Company Owned Brokerage Services	Relocation Services	Title and Settlement Services	Total Company
Gross goodwill as of December 31, 2015	\$ 3,315	\$ 999	\$ 641	\$ 449	\$ 5,404
Accumulated impairment losses	(1,023)	(158)	(281)	(324)	(1,786)
Balance at December 31, 2015	2,292	841	360	125	3,618
Goodwill acquired	—	52	—	20	72

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Balance at September 30, 2016	\$ 2,292	\$ 893	\$ 360	\$ 145	\$ 3,690
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Intangible assets are as follows:

	As of September 30, 2016			As of December 31, 2015		
	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount
Amortizable—Franchise agreements (a)	\$2,019	\$ 641	\$ 1,378	\$2,019	\$ 591	\$ 1,428
Indefinite life—Trademarks (b)	\$748		\$ 748	\$745		\$ 745
Other Intangibles						
Amortizable—License agreements (c)	\$45	\$ 9	\$ 36	\$45	\$ 8	\$ 37
Amortizable—Customer relationships (d)	\$50	304	246	530	284	246
Indefinite life—Title plant shares (e)	18		18	11		11
Amortizable—Pendings and listings (f)	10	5	5	3	1	2
Amortizable—Other (g)	36	15	21	31	11	20
Total Other Intangibles	\$659	\$ 333	\$ 326	\$620	\$ 304	\$ 316

(a) Generally amortized over a period of 30 years.

(b) Primarily relates to the Century 21®, Coldwell Banker®, ERA®, Corcoran®, Coldwell Banker Commercial® and Cartus tradenames, which are expected to generate future cash flows for an indefinite period of time.

(c) Relates to the Sotheby's International Realty® and Better Homes and Gardens® Real Estate agreements which are being amortized over 50 years (the contractual term of the license agreements).

(d) Relates to the customer relationships at the Relocation Services segment, the Title and Settlement Services segment, the Real Estate Franchise Services segment and our Company Owned Real Estate Brokerage Services segment. These relationships are being amortized over a period of 2 to 20 years.

(e) Ownership in a title plant is required to transact title insurance in certain states. The Company expects to generate future cash flows for an indefinite period of time.

(f) Generally amortized over a period of 5 months.

(g) Consists of covenants not to compete which are amortized over their contract lives and other intangibles which are generally amortized over periods ranging from 5 to 10 years.

Intangible asset amortization expense is as follows:

	Three Months Ended September 30, 2016		Nine Months Ended September 30, 2015	
	2016	2015	2016	2015
Franchise agreements	\$ 16	\$ 17	\$ 50	\$ 50
License agreements	—	—	1	1
Customer relationships	7	7	20	21
Pendings and listings	7	8	9	14
Other	1	1	4	4
Total	\$ 31	\$ 33	\$ 84	\$ 90

Based on the Company's amortizable intangible assets as of September 30, 2016, the Company expects related amortization expense for the remainder of 2016, the four succeeding years and thereafter to be approximately \$27 million, \$102 million, \$97 million, \$96 million, \$94 million and \$1,270 million, respectively.

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4. ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES

Accrued expenses and other current liabilities consisted of:

	September 30, 2016	December 31, 2015
Accrued payroll and related employee costs	\$ 111	\$ 140
Accrued volume incentives	33	34
Accrued commissions	38	29
Restructuring accruals	11	9
Deferred income	65	73
Accrued interest	32	13
Contingent consideration for acquisitions	27	27
Other	114	123
Total accrued expenses and other current liabilities	\$ 431	\$ 448

5. SHORT AND LONG-TERM DEBT

Total indebtedness is as follows:

	September 30, 2016	December 31, 2015
Senior Secured Credit Facility:		
Revolving Credit Facility	\$ 155	\$ 200
Term Loan B	1,071	1,839
Term Loan A Facility:		
Term Loan A	417	433
Term Loan A-1	349	—
3.375% Senior Notes	—	499
4.50% Senior Notes	438	434
5.25% Senior Notes	545	297
4.875% Senior Notes	495	—
Total Short-Term & Long-Term Debt	\$ 3,470	\$ 3,702
Securitization obligations:		
Apple Ridge Funding LLC	\$ 240	\$ 238
Cartus Financing Limited	15	9
Total securitization obligations	\$ 255	\$ 247

Indebtedness Table

As of September 30, 2016, the Company's borrowing arrangements were as follows:

	Interest Rate	Expiration Date	Principal Amount	Unamortized Discount and Debt Issuance Costs	Net Amount
Senior Secured Credit Facility:					
Revolving Credit Facility (1)	(2)	October 2020	\$ 155	\$ *	\$ 155
Term Loan B	(3)	July 2022	1,097	26	1,071
Term Loan A Facility:					
Term Loan A	(4)	October 2020	419	2	417
Term Loan A-1	(5)	July 2021	353	4	349
Senior Notes	4.50%	April 2019	450	12	438
Senior Notes	5.25%	December 2021	550	5	545
Senior Notes	4.875%	June 2023	500	5	495
Securitization obligations: (6)					

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Apple Ridge Funding LLC (7)	June 2017	240	*	240
Cartus Financing Limited (8)	October 2016	15	*	15
Total (9)		\$ 3,779	\$ 54	\$ 3,725

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* The debt issuance costs related to our Revolving Credit Facility and securitization obligations are classified as a deferred financing asset within other assets.

As of September 30, 2016, the Company had \$815 million of borrowing capacity under its Revolving Credit Facility, leaving \$660 million of available capacity. The revolving credit facility expires in October 2020, but is (1) classified on the balance sheet as current due to the revolving nature of the facility. On November 2, 2016, the Company had \$115 million outstanding borrowings on the Revolving Credit Facility, leaving \$700 million of available capacity.

Interest rates with respect to revolving loans under the Senior Secured Credit Facility at September 30, 2016 are based on, at the Company's option, (a) adjusted LIBOR plus an additional margin or (b) ABR plus an additional (2) margin, in each case subject to adjustment based on the then current senior secured leverage ratio. Based on the previous quarter senior secured leverage ratio, the LIBOR margin was 2.00% and the ABR margin was 1.00% for the three months ended September 30, 2016.

The Term Loan B provides for quarterly amortization payments totaling 1% per annum of the original principal amount. The interest rate with respect to term loans under the Term Loan B is based on, at the Company's option, (3) (a) adjusted LIBOR plus 3.00% (with a LIBOR floor of 0.75%) or (b) JPMorgan Chase Bank, N.A.'s prime rate ("ABR") plus 2.00% (with an ABR floor of 1.75%).

The Term Loan A provides for quarterly amortization payments, which commenced March 31, 2016, totaling per annum 5%, 5%, 7.5%, 10.0% and 12.5% of the original principal amount of the Term Loan A in 2016, 2017, 2018, 2019 and 2020, respectively. The interest rates with respect to term loans under the Term Loan A are based on, at (4) the Company's option, (a) adjusted LIBOR plus an additional margin or (b) ABR plus an additional margin, in each case subject to adjustment based on the then current senior secured leverage ratio. Based on the previous quarter senior secured leverage ratio, the LIBOR margin was 2.00% and the ABR margin was 1.00% for the three months ended September 30, 2016.

The Term Loan A-1 provides for quarterly amortization payments, which commenced on September 30, 2016, totaling per annum 2.5%, 2.5%, 5%, 7.5% and 10.0% of the original principal amount of the Term Loan A-1, with the last amortization payment made on June 30, 2021. The interest rates with respect to term loans under the Term (5) Loan A-1 are based on, at the Company's option, (a) adjusted LIBOR plus an additional margin or (b) ABR plus an additional margin, in each case subject to adjustment based on the then current senior secured leverage ratio. Based on the previous quarter senior secured leverage ratio, the LIBOR margin was 2.00% and the ABR margin was 1.00% for the three months ended September 30, 2016.

(6) Available capacity is subject to maintaining sufficient relocation related assets to collateralize these securitization obligations.

In June 2016, Realogy Group extended the existing Apple Ridge Funding LLC securitization program utilized by (7) Cartus until June 2017. As of September 30, 2016, the Company had \$325 million of borrowing capacity under the Apple Ridge Funding LLC securitization program leaving \$85 million of available capacity.

Consists of a £10 million revolving loan facility and a £5 million working capital facility. As of September 30, (8) 2016, the Company had \$19 million of borrowing capacity under the Cartus Financing Limited securitization program leaving \$4 million of available capacity. In October 2016, Realogy Group extended the existing Cartus Financing Limited securitization program to August 2017.

Not included in this table, the Company had \$128 million of outstanding letters of credit at September 30, 2016 under the Unsecured Letter of Credit Facility with a weighted average rate of 3.10%. In the second quarter of 2016, (9) the Company moved outstanding letters of credit to the Unsecured Letter of Credit Facility and terminated the synthetic letter of credit facility. As a result, the Company increased the capacity under the Unsecured Letter of Credit Facility by \$47 million to \$135 million.

Maturities Table

As of September 30, 2016, the combined aggregate amount of maturities for long-term borrowings, excluding securitization obligations, for the remainder of 2016 and each of the next four years is as follows:

Year	Amount
Remaining 2016 (a)	\$ 165
2017	42
2018	57
2019	527
2020	357

(a) Outstanding borrowings of \$155 million under the Company's revolving credit facility expire in October 2020, but are classified on the balance sheet as current due to the revolving nature of the facility.

The remaining 2016 portion of long-term debt consists of remaining 2016 quarterly amortization payments totaling \$5 million, \$2 million and \$3 million for the Term Loan A, Term Loan A-1 and Term Loan B facilities, respectively. The current portion of long-term debt of \$197 million shown on the balance sheet consists of four quarters of amortization payments totaling \$22 million, \$9 million and \$11 million for the Term Loan A, Term Loan A-1 and Term Loan B facilities,

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respectively, as well as \$155 million of revolver borrowings under the revolving credit facility which expires in October 2020.

Senior Secured Credit Facility

In July 2016, the Company entered into a third amendment to the senior secured credit agreement (the "Amended and Restated Credit Agreement"). The third amendment replaced the existing \$1,858 million Term Loan B due March 2020 with a new \$1,100 million Term Loan B due July 20, 2022. In addition, the Company entered into a First Amendment to the Term Loan A Agreement under which the Company borrowed a new tranche of term loans under its Term Loan A Facility ("Term Loan A-1") in the amount of \$355 million with a maturity date in July 2021 (see "Term Loan A Facility" section below for more information on the issuance of the Term Loan A-1). The majority of the financing costs incurred for these transactions were deferred over the life of the agreement in accordance with debt modification accounting guidance.

In October 2015, Realogy Group entered into a second amendment to the senior secured credit agreement. The second amendment provided for a five-year, \$815 million revolving credit facility and included a \$125 million letter of credit sub-facility. In the second quarter of 2016, the Company moved outstanding letters of credit to the Unsecured Letter of Credit Facility and terminated the synthetic letter of credit facility. See the "Other Debt Facilities" section below for more information. The Amended and Restated Credit Agreement provides for:

- a Term Loan B issued in the aggregate principal amount of \$1,100 million with a maturity date of July 2022. The Term Loan B has quarterly amortization payments totaling 1% per annum of the initial aggregate principal amount. The interest rate with respect to term loans under the Term Loan B is based on, at Realogy Group's option, adjusted LIBOR plus 3.00% (with a LIBOR floor of 0.75%) or ABR plus 2.00% (with an ABR floor of 1.75%); and
- an \$815 million Revolving Credit Facility with a maturity date of October 23, 2020, which includes (i) a \$125 million letter of credit subfacility and (ii) a swingline loan subfacility. The interest rate with respect to revolving loans under the Revolving Credit Facility is based on, at Realogy Group's option, adjusted LIBOR or ABR plus an additional margin subject to the following adjustments based on the Company's then current senior secured leverage ratio:

Senior Secured Leverage Ratio	Applicable LIBOR Margin	Applicable ABR Margin
Greater than 3.50 to 1.00	2.50%	1.50%
Less than or equal to 3.50 to 1.00 but greater than or equal to 2.50 to 1.00	2.25%	1.25%
Less than 2.50 to 1.00	2.00%	1.00%

The Amended and Restated Credit Agreement permits the Company to obtain up to \$500 million of additional credit facilities from lenders reasonably satisfactory to the administrative agent and us, without the consent of the existing lenders under the new senior secured credit facility, plus an unlimited amount if Realogy Group's senior secured leverage ratio is less than 3.50 to 1.00 on a pro forma basis. Subject to certain restrictions, the Amended and Restated Credit Agreement also permits us to issue senior secured or unsecured notes in lieu of any incremental facility. The obligations under the Amended and Restated Credit Agreement are secured to the extent legally permissible by substantially all of the assets of Realogy Group, Realogy Intermediate and all of their domestic subsidiaries, other than certain excluded subsidiaries.

Realogy Group's Amended and Restated Credit Agreement contains financial, affirmative and negative covenants and requires Realogy Group to maintain a senior secured leverage ratio, not to exceed 4.75 to 1.00, and pursuant to the second amendment discussed above, the leverage ratio is tested quarterly, commencing with the period ended September 30, 2015, regardless of the amount of borrowings outstanding and letters of credit issued under the revolver at the testing date. In this report, the Company refers to the term "Adjusted (Covenant) EBITDA" to mean EBITDA as so defined for purposes of determining compliance with the senior secured leverage covenant. The senior secured leverage ratio measured at any applicable quarter end is Realogy Group's total senior secured net debt divided by the

trailing twelve month Adjusted (Covenant) EBITDA. Total senior secured net debt does not include unsecured indebtedness, including the Unsecured Notes as well as the securitization obligations. At September 30, 2016, Realogy Group's senior secured leverage ratio was 2.18 to 1.00.

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Term Loan A Facility

In October 2015, Realogy Group entered into the Term Loan A senior secured credit agreement. The Term Loan A Agreement provides for a five-year, \$435 million loan issued at par with a maturity date of October 23, 2020 (the "Term Loan A") and has terms substantially similar to the Amended and Restated Credit Agreement. The Term Loan A provides for quarterly amortization payments, which commenced March 31, 2016, totaling the amount per annum equal to the following percentages of the original principal amount of the Term Loan A: 5%, 5%, 7.5%, 10.0% and 12.5% for amortizations payable in 2016, 2017, 2018, 2019 and 2020, with the balance payable upon the final maturity date. The interest rates with respect to term loans under the Term Loan A are based on, at our option, adjusted LIBOR or ABR plus an additional margin subject to the following adjustments based on the Company's then current senior secured leverage ratio:

Senior Secured Leverage Ratio	Applicable LIBOR Margin	Applicable ABR Margin
Greater than 3.50 to 1.00	2.50%	1.50%
Less than or equal to 3.50 to 1.00 but greater than or equal to 2.50 to 1.00	2.25%	1.25%
Less than 2.50 to 1.00	2.00%	1.00%

In July 2016, Realogy Group entered into a first amendment to the Term Loan A senior secured credit agreement. Under the amendment, the Company issued the Term Loan A-1 in the amount of \$355 million with a maturity date in July 2021 under its existing Term Loan A Facility and on terms substantially similar to its existing Term Loan A. The Term Loan A-1 provides for quarterly amortization payments totaling 2.5%, 2.5%, 5%, 7.5% and 10.0% of the original principal amount of the Term Loan A-1, which commenced September 30, 2016 continuing through June 30, 2021. The interest rates with respect to term loans under the Term Loan A-1 are based on, at our option, adjusted LIBOR or ABR plus an additional margin subject to the following adjustments based on the Company's then current senior secured leverage ratio:

Senior Secured Leverage Ratio	Applicable LIBOR Margin	Applicable ABR Margin
Greater than 3.50 to 1.00	2.50%	1.50%
Less than or equal to 3.50 to 1.00 but greater than or equal to 2.50 to 1.00	2.25%	1.25%
Less than 2.50 to 1.00 but greater than or equal to 2.00 to 1.00	2.00%	1.00%
Less than 2.00 to 1.00	1.75%	0.75%

Consistent with the Amended and Restated Credit Agreement, the Term Loan A Facility permits the Company to obtain up to \$500 million of additional credit facilities from lenders reasonably satisfactory to the administrative agent and the company, without the consent of the existing lenders under the Term Loan A, plus an unlimited amount if the Company's senior secured leverage ratio is less than 3.50 to 1.00 on a pro forma basis. Subject to certain restrictions, the Term Loan A Facility also permits us to issue senior secured or unsecured notes in lieu of any incremental facility.

Unsecured Notes

The 4.50% Senior Notes, 5.25% Senior Notes and 4.875% Senior Notes (each as defined below and collectively the "Unsecured Notes") are unsecured senior obligations of Realogy Group that mature on April 15, 2019, December 1, 2021 and June 1, 2023, respectively. Interest on the Unsecured Notes is payable each year semiannually on April 15 and October 15 for the 4.50% Senior Notes and June 1 and December 1 for both the 5.25% Senior Notes and 4.875% Senior Notes.

In March 2016, the Company issued 5.25% Senior Notes due 2021 of \$250 million (the "Additional 5.25% Senior Notes") under the same indenture as the \$300 million of Realogy Group's 5.25% Senior Notes due 2021 issued on November 21, 2014 (the "Existing 5.25% Senior Notes") (collectively the "5.25% Senior Notes"). The Additional 5.25% Senior Notes mature on December 1, 2021 and interest on the notes is due on June 1 and December 1 of each year with the first interest payment date of June 1, 2016. The Additional 5.25% Senior Notes have identical terms,

other than the issue date, the issue price and the first interest payment date, and constitute part of the same series as the Existing 5.25% Senior Notes.

In the second quarter of 2016, the Company used \$400 million of revolver borrowings and a portion of cash on hand to retire the \$500 million of 3.375% Senior Notes at maturity. The Company also issued \$500 million of 4.875% Senior Notes (the "4.875% Senior Notes") due 2023 and used the proceeds to temporarily reduce revolver borrowings. The 4.875%

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Senior Notes mature on June 1, 2023 and interest on the 4.875% Notes is due on June 1 and December 1 of each year with the first interest payment date of December 1, 2016.

The Unsecured Notes are guaranteed on an unsecured senior basis by each domestic subsidiary of Realogy Group that is a guarantor under the Senior Secured Credit Facility and Realogy Group's outstanding debt securities and are guaranteed by Realogy Holdings on an unsecured senior subordinated basis.

Other Debt Facilities

The Company has an Unsecured Letter of Credit Facility to provide for the issuance of letters of credit required for general corporate purposes by the Company. In the second quarter of 2016, the Company increased the capacity under the facility by \$47 million from \$88 million to \$135 million. The facility's expiration dates are as follows:

Capacity (in millions) Expiration Date

\$53 June 2017

\$16 September 2018

\$66 December 2019

The fixed pricing to the Company is based on a spread above the credit default swap rate for senior unsecured debt obligations of the Company over the applicable letter of credit period. Realogy Group's obligations under the Unsecured Letter of Credit Facility are guaranteed on an unsecured senior basis by each domestic subsidiary of Realogy Group that is a guarantor under the Senior Secured Credit Facility and Realogy Group's outstanding debt securities. As of September 30, 2016, \$128 million of the Facility is being utilized.

Securitization Obligations

Realogy Group has secured obligations through Apple Ridge Funding LLC under a securitization program. In June 2016, Realogy Group extended the program until June 2017. The program has a capacity of \$325 million. At September 30, 2016, Realogy Group has \$240 million of outstanding borrowings under the facility.

Realogy Group, through a special purpose entity known as Cartus Financing Limited, has agreements providing for a £10 million revolving loan facility and a £5 million working capital facility, both of which expire on October 31, 2016. In October 2016, Realogy Group extended the facility to August 2017. There are \$15 million of outstanding borrowings on the facilities at September 30, 2016. These Cartus Financing Limited facilities are secured by the relocation assets of a U.K. government contract in this special purpose entity and are therefore classified as permitted securitization financings as defined in Realogy Group's Senior Secured Credit Facility and the indentures governing the Unsecured Notes.

The Apple Ridge entities and the Cartus Financing Limited entity are consolidated special purpose entities that are utilized to securitize relocation receivables and related assets. These assets are generated from advancing funds on behalf of clients of Realogy Group's relocation business in order to facilitate the relocation of their employees. Assets of these special purpose entities are not available to pay Realogy Group's general obligations. Under the Apple Ridge program, provided no termination or amortization event has occurred, any new receivables generated under the designated relocation management agreements are sold into the securitization program and as new eligible relocation management agreements are entered into, the new agreements are designated to the program. The Apple Ridge program has restrictive covenants and trigger events, including performance triggers linked to the age and quality of the underlying assets, foreign obligor limits, multicurrency limits, financial reporting requirements, restrictions on mergers and change of control, any uncured breach of Realogy Group's senior secured leverage ratio under Realogy Group's Senior Secured Credit Facility, and cross-defaults to Realogy Group's material indebtedness. The occurrence of a trigger event under the Apple Ridge securitization facility could restrict our ability to access new or existing funding under this facility or result in termination of the facility, either of which would adversely affect the operation of our relocation business.

Certain of the funds that Realogy Group receives from relocation receivables and related assets must be utilized to repay securitization obligations. These obligations were collateralized by \$282 million and \$281 million of underlying relocation receivables and other related relocation assets at September 30, 2016 and December 31, 2015, respectively.

Substantially all relocation related assets are realized in less than twelve months from the transaction date.

Accordingly, all of Realogy Group's securitization obligations are classified as current in the accompanying Condensed Consolidated Balance Sheets.

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Interest incurred in connection with borrowings under these facilities amounted to \$2 million and \$5 million for the three and nine months ended September 30, 2016, respectively and \$1 million and \$4 million for the three and nine months ended September 30, 2015, respectively. This interest is recorded within net revenues in the accompanying Condensed Consolidated Statements of Operations as related borrowings are utilized to fund Realogy Group's relocation business where interest is generally earned on such assets. These securitization obligations represent floating rate debt for which the average weighted interest rate was 2.5% and 2.0% for the nine months ended September 30, 2016 and 2015, respectively.

6. RESTRUCTURING COSTS

The restructuring charge for the three and nine months ended September 30, 2016 was \$9 million and \$30 million, respectively. The components of the restructuring charges for the three and nine months ended September 30, 2016 and 2015 were as follows:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2016	2015	2016	2015
Personnel-related costs (1)	\$ 6	\$ —	\$ 17	\$ —
Facility-related costs (2)	2	—	7	—
Accelerated depreciation on asset disposals	1	—	1	—
Other restructuring costs (3)	—	—	5	—
Total restructuring charges	\$ 9	\$ —	\$ 30	\$ —

(1) Personnel-related costs consist of severance costs provided to employees who have been terminated and duplicate payroll costs during transition.

Facility-related costs consist of costs associated with planned facility closures such as contract termination costs, (2) lease payments that will continue to be incurred under the contract for its remaining term without economic benefit to the Company and other facility and employee relocation related costs.

(3) Other restructuring costs consist of costs related to professional fees, consulting fees and other costs associated with restructuring activities which are primarily included in the Corporate and Other business segment.

Business Optimization Initiative

During the fourth quarter of 2015, the Company began a business optimization initiative that focuses on maximizing the efficiency and effectiveness of the cost structure of each of the Company's business units. The action is designed to improve client service levels across each of the business units while enhancing the Company's profitability and incremental margins. The plan focuses on several key areas of opportunity which include process improvement efficiencies, office footprint optimization, leveraging technology and media spend, centralized procurement, outsourcing administrative services and organizational design. In the second quarter of 2016, the Company expanded the scope of restructuring activities in order to realign the Company Owned Real Estate Brokerage Services back office administration and support functions across the country. As a result of this realignment, the expected costs of activities undertaken in connection with the restructuring plan are expected to be largely incurred by mid-2017.

The following is a reconciliation of the beginning and ending restructuring reserve balances for the Business Optimization Initiative:

	Personnel-related costs	Facility-related costs	Accelerated depreciation on asset disposal	Other restructuring costs	Total
Balance at December 31, 2015	\$ 3	\$ 3	\$ —	\$ 3	\$9
Restructuring charges	17	7	1	5	30
Costs paid or otherwise settled	(14)	(4)	(1)	(8)	(27)

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Balance at September 30, 2016	\$	6	\$	6	\$	—	\$	—	\$12
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The following table shows the total restructuring costs expected to be incurred by type of cost for the Business Optimization Initiative:

	Total amount expected to be incurred	Amount incurred to date	Total amount remaining to be incurred
Personnel-related costs	\$ 42	\$ 20	\$ 22
Facility-related costs	14	10	4
Accelerated depreciation related to asset disposals	2	1	1
Other restructuring costs	11	9	2
Total	\$ 69	\$ 40	\$ 29

The following table shows the total restructuring costs expected to be incurred by reportable segment for the Business Optimization Initiative:

	Total amount expected to be incurred	Amount incurred to date	Total amount remaining to be incurred
Real Estate Franchise Services	\$ 5	\$ 4	\$ 1
Company Owned Real Estate Brokerage Services	45	20	25
Relocation Services	5	5	—
Title and Settlement Services	1	1	—
Corporate and Other	13	10	3
Total	\$ 69	\$ 40	\$ 29

7. STOCK-BASED COMPENSATION

The Company has stock-based compensation plans (the 2007 Stock Incentive Plan and the 2012 Long-Term Incentive Plan) under which incentive equity awards such as non-qualified stock options, rights to purchase shares of common stock, restricted stock, restricted stock units ("RSUs"), performance restricted stock units and performance share units ("PSUs") may be issued to employees, consultants and directors of Realogy. The Company's stockholders approved the Amended and Restated Long-Term Incentive Plan at the 2016 Annual Meeting of Stockholders held on May 4, 2016 (the "Amended and Restated 2012 LTIP"). The Amended and Restated 2012 LTIP increases the number of shares authorized for issuance under that plan by 9.8 million shares. The total number of shares authorized for issuance under the plans is 19.4 million shares.

Awards granted under the Amended and Restated 2012 LTIP utilizing the additional 9.8 million share reserve, except options and stock appreciation rights, must be counted against the foregoing share limit on a 2.22 share to one basis for each share actually granted in connection with such award. As of September 30, 2016, the total number of shares available for future grants under the Amended and Restated 2012 LTIP was 7.9 million shares. The Company does not expect to issue any additional awards under the 2007 Stock Incentive Plan.

Consistent with the 2015 long-term incentive equity awards, the 2016 awards include a mix of PSUs, RSUs (performance restricted stock units for the CEO and direct reports) and options. The 2016 PSUs are incentives that reward grantees based upon the Company's financial performance over a three-year performance period ending December 31, 2018. There are two PSU awards: one is based upon the total stockholder return of Realogy's common stock relative to the total stockholder return of the SPDR S&P Homebuilders Index ("XHB") (the "RTSR award"), and the other is based upon the achievement of cumulative free cash flow goals. The number of shares that may be issued under the PSU is variable and based upon the extent to which the performance goals are achieved over the performance period (with a range of payout from 0% to 175% of target for the RTSR award and 0% to 200% of target for the achievement of cumulative free cash flow award). The shares earned will be distributed in early 2019. The RSUs vest over three years, with 33.33% vesting on each anniversary of the grant date. Time-vesting of the 2016

performance RSUs for the CEO and direct reports is subject to achievement of a minimum EBITDA performance goal for 2016. The stock options have a maximum term of ten years and vest over four years, with 25% vesting on each anniversary date of the grant date. The options have an exercise price equal to the closing sale price of the Company's common stock on the date of grant.

The options, RSUs and the PSUs based upon RTSR included in the 2016 long-term incentive plan were granted in February 2016. The performance RSUs and the PSUs based upon achievement of cumulative free cash flow aggregating 0.4 million shares subject to those awards at target were also awarded in February 2016, but the grant was subject to approval of the Amended and Restated 2012 LTIP. The stockholders approved the Amended and Restated 2012 LTIP at the May 4, 2016

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Annual Meeting and we have accordingly treated May 4, 2016 as the grant date for these awards and are expensing those awards from that date over the balance of the vesting or performance period.

In August 2016, the Company's Board of Directors approved the initiation of a quarterly cash dividend policy on its common stock. The Board declared a cash dividend of \$0.09 per share of the Company's common stock per quarter. When payment of cash dividends occurs, the Company issues dividend equivalent units ("DEUs") to eligible holders of outstanding RSUs and PSUs. The number of DEUs granted for each RSU or PSU is calculated by dividing the amount of the cash dividend on the number of shares covered by the RSU or PSU at the time of the related dividend record date by the closing price of the Company's stock on the related dividend payment date. The DEUs are subject to the same vesting requirements, settlement provisions, and other terms and conditions as the original award to which they relate. The issuance of DEUs have an immaterial impact on the Company's stock-based compensation activity. The fair value of RSUs and PSUs without a market condition is equal to the closing sale price of the Company's common stock on the date of grant. The fair value of the RTSR PSU award was estimated on the date of grant using the Monte Carlo Simulation method utilizing the following assumptions. Expected volatility was based on historical volatilities of the Company and select comparable companies.

	2016	
	RTSR	
	PSU	
Grant date fair value	\$28.16	
Expected volatility	28.1	%
Volatility of XHB	19.4	%
Correlation coefficient	0.58	
Risk-free interest rate	0.9	%
Dividend yield	—	

A summary of RSU activity for the nine months ended September 30, 2016 is presented below (number of shares in millions):

	Restricted Stock Units	Weighted Average Grant Date Fair Value
Unvested at January 1, 2016	1.02	\$ 46.36
Granted	0.94	32.34
Vested (a)	(0.48)) 46.08
Forfeited	(0.04)) 37.80
Unvested at September 30, 2016	1.44	\$ 37.56

(a) The total fair value of RSUs which vested during the nine months ended September 30, 2016 was \$22 million.

A summary of PSU activity for the nine months ended September 30, 2016 is presented below (number of shares in millions):

	Performance Share Units (a)	Weighted Average Grant Date Fair Value
Unvested at January 1, 2016	0.86	\$ 44.97
Granted	0.64	32.05
Vested (b)	(0.03)) 46.45
Forfeited	—	—
Unvested at September 30, 2016	1.47	\$ 39.33

(a) The PSU amounts in the table are shown at the target amount of the award.

(b) The total fair value of PSUs which vested during the nine months ended September 30, 2016 was \$1 million.

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The fair value of the options was estimated on the date of grant using the Black-Scholes option-pricing model. Expected volatility was based on historical volatilities of the Company and select comparable companies. The expected term of the options granted represents the period of time that options are expected to be outstanding and is based on the simplified method. The risk-free interest rate was based on the U.S. Treasury yield curve in effect at the time of the grant, which corresponds to the expected term of the options.

	2016	
	Options	
Grant date fair value	\$ 10.97	
Expected volatility	31.7	%
Expected term (years)	6.25	
Risk-free interest rate	1.3	%
Dividend yield	—	

A summary of stock option unit activity for the nine months ended September 30, 2016 is presented below (number of shares in millions):

	Options	Weighted Average Exercise Price
Outstanding at January 1, 2016	3.15	\$ 31.42
Granted	0.30	32.63
Exercised (a) (b)	(0.07)	20.32
Forfeited/Expired	(0.02)	34.04
Outstanding at September 30, 2016 (c)	3.36	\$ 31.74

(a) The intrinsic value of options exercised during the nine months ended September 30, 2016 was \$1 million.

(b) Cash received from options exercised during the nine months ended September 30, 2016 was \$1 million.

(c) Options outstanding at September 30, 2016 have an intrinsic value of \$7 million and have a weighted average remaining contractual life of 6.2 years.

Stock-Based Compensation Expense

As of September 30, 2016, based on current performance achievement expectations, there was \$47 million of unrecognized compensation cost related to incentive equity awards under the plans which will be recorded in future periods as compensation expense over a remaining weighted average period of approximately 1.2 years. The Company recorded stock-based compensation expense related to the incentive equity awards of \$14 million and \$39 million for the three and nine months ended September 30, 2016, respectively, and \$14 million and \$40 million for the three and nine months ended September 30, 2015, respectively.

In the third quarter of 2016, the Company early adopted ASU "Improvements to Employee Share-Based Payment Accounting" permitting the Company to elect to account for forfeitures on share-based payment awards in compensation cost as they occur as opposed to estimating forfeitures. See Note 1 "Basis of Presentation" for further information on the adoption of this new standard.

8. TRANSACTIONS WITH FORMER PARENT AND SUBSIDIARIES

Transfer of Cendant Corporate Liabilities and Issuance of Guarantees to Cendant and Affiliates

Realogy Group (then Realogy Corporation) separated from Cendant on July 31, 2006 (the "Separation"), pursuant to a plan by Cendant (now known as Avis Budget Group, Inc.) to separate into four independent companies—one for each of Cendant's business units—real estate services (Realogy), travel distribution services ("Travelport"), hospitality services, including timeshare resorts ("Wyndham Worldwide"), and vehicle rental ("Avis Budget Group"). Realogy Group has certain guarantee commitments with Cendant (pursuant to the assumption of certain liabilities and the obligation to indemnify Cendant, Wyndham Worldwide and Travelport for such liabilities). These guarantee arrangements primarily relate to certain contingent litigation liabilities, contingent tax liabilities, and other corporate liabilities, of

which Realogy Group assumed and is generally responsible for 62.5%. Upon separation from Cendant, the liabilities assumed by Realogy Group were comprised of certain Cendant corporate liabilities which were recorded on the historical books of Cendant as well as additional liabilities which were established for guarantees issued at the date of Separation related to certain unresolved contingent matters that could arise during the guarantee period. Regarding the guarantees, if any of the companies

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responsible for all or a portion of such liabilities were to default in its payment of costs or expenses related to any such liability, Realogy Group would be responsible for a portion of the defaulting party or parties' obligation. To the extent such recorded liabilities are in excess or are not adequate to cover the ultimate payment amounts, such excess or deficiency will be reflected in the results of operations in future periods.

The due to former parent balance was \$31 million at September 30, 2016 and December 31, 2015. The due to former parent balance was comprised of the Company's portion of the following: (i) Cendant's remaining state and foreign contingent tax liabilities, (ii) accrued interest on contingent tax liabilities, (iii) potential liabilities related to Cendant's terminated or divested businesses, and (iv) potential liabilities related to the residual portion of accruals for Cendant operations.

9. EARNINGS PER SHARE

Earnings per share attributable to Realogy Holdings

Basic earnings per share is computed based on net income attributable to Realogy Holdings stockholders divided by the basic weighted-average shares outstanding during the period. Dilutive earnings per share is computed consistently with the basic computation while giving effect to all dilutive potential common shares and common share equivalents that were outstanding during the period. Realogy Holdings uses the treasury stock method to reflect the potential dilutive effect of unvested stock awards and unexercised options. The following table sets forth the computation of basic and diluted earnings per share:

	Three Months Ended September 30,		Nine Months Ended September 30,	
(in millions, except per share data)	2016	2015	2016	2015
Net income attributable to Realogy Holdings shareholders	\$106	\$110	\$156	\$175
Basic weighted average shares	144.0	146.6	145.4	146.5
Stock options, restricted stock, restricted stock units and performance share units (a)	1.1	1.5	1.2	1.5
Weighted average diluted shares	145.1	148.1	146.6	148.0
Earnings Per Share:				
Basic	\$0.74	\$0.75	\$1.07	\$1.19
Diluted	\$0.73	\$0.74	\$1.06	\$1.18

(a) The three and nine months ended September 30, 2016 respectively exclude 5.2 million and 5.1 million shares of common stock issuable for incentive equity awards, which include performance share units based on the achievement of target amounts that are anti-dilutive to the diluted earnings per share computation. The three and nine months ended September 30, 2015 respectively exclude 3.6 million and 3.7 million shares of common stock issuable for incentive equity awards, which include performance share units based on the achievement of target amounts that are anti-dilutive to the diluted earnings per share computation.

In February 2016, the Company's Board of Directors authorized a share repurchase program of up to \$275 million of the Company's common stock. From the date of authorization through September 30, 2016, the Company repurchased and retired 4.5 million shares of common stock for \$134 million at a weighted average market price of \$29.49 per share. The purchase of shares under this plan reduces the weighted-average number of shares outstanding in the basic earnings per share calculation.

10. COMMITMENTS AND CONTINGENCIES

Litigation

The Company is involved in claims, legal proceedings, alternative dispute resolution and governmental inquiries related to alleged contract disputes, business practices, intellectual property and other commercial, employment, regulatory and tax matters. Examples of such matters include but are not limited to allegations:

- that the Company is vicariously liable for the acts of franchisees under theories of actual or apparent agency;
- by former franchisees that franchise agreements were breached including improper terminations;

that residential real estate sales associates engaged by NRT—under certain state or federal laws—are potentially employees instead of independent contractors, and they or regulators therefore may bring claims against NRT for

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breach of contract, wage and hour classification claims, wrongful discharge, unemployment and workers' compensation and could obtain benefits, back wages, overtime, indemnification, penalties related to classification practices and expense reimbursement available to employees;

- concerning claims for alleged RESPA or state real estate law violations including but not limited to claims challenging the validity of sales associates indemnification, and administrative fees;
- concerning claims generally against the company owned brokerage operations for negligence, misrepresentation or breach of fiduciary duty in connection with the performance of real estate brokerage or other professional services as well as other brokerage claims associated with listing information and property history;
- concerning claims generally against the title company contending that, as the escrow company, the company knew or should have known that a transaction was fraudulent or concerning other title defects or settlement errors; and
- concerning information security and cyber crime.

Real Estate Business Litigation

Strader, et al. and Hall v. PHH Corporation, et al. (U.S. District Court for the Central District of California). This is a purported class action brought by four California residents against 15 defendants, including Realogy and certain of its subsidiaries, PHH Corporation and PHH Home Loans, LLC (a joint venture between Realogy and PHH), alleging violations of Section 8(a) of RESPA. Plaintiffs seek to represent two subclasses comprised of all persons in the United States who, since January 31, 2005, (1) obtained a RESPA-covered mortgage loan from either (a) PHH Home Loans, LLC or one of its subsidiaries, or (b) one of the mortgage services managed by PHH Corporation for other lenders, and (2) paid a fee for title insurance or settlement services to TRG or one of its subsidiaries. Plaintiffs allege, among other things, that PHH Home Loans, LLC operates in violation of RESPA and that the other defendants violate RESPA by referring business to one another under agreements or arrangements. Plaintiffs seek treble damages and an award of attorneys' fees, costs and disbursements. On February 5, 2016, the defendants filed a motion to dismiss the case claiming that not only do the claims lack merit, but they are time-barred under RESPA's one-year statute of limitations. On April 5, 2016, the court granted defendants' motion to dismiss with leave for the plaintiffs to amend their complaint. Plaintiffs filed a second amended complaint on April 21, 2016, and a third amended complaint on May 12, 2016. Defendants filed a motion to dismiss the third amended complaint. The Court denied the motion on October 6, 2016, without prejudice to defendants' ability to move for summary judgment after discovery. The parties are proceeding with discovery.

The case raises significant claims and rests in part on certain interpretations of RESPA by the Consumer Financial Protection Bureau ("CFPB"), which are the subject of pending industry litigation in various jurisdictions. As with all class action litigation, the case is inherently complex and subject to many uncertainties. We believe that we and the joint venture have complied with RESPA, the regulations promulgated thereunder and existing regulatory guidance. There can be no assurance, however, that if the action continues and a large class is subsequently certified, the plaintiffs will not seek a substantial damage award, penalties and other remedies. Given the early stage of this case and the novel claims and issues presented, we cannot estimate a range of reasonably potential losses for this litigation.

The Company will vigorously defend this action.

The Company is involved in certain other claims and legal actions arising in the ordinary course of our business. Such litigation, regulatory actions and other proceedings may include, but are not limited to, actions relating to intellectual property, commercial arrangements, franchising arrangements, actions against our title company alleging it knew or should have known that others were committing mortgage fraud, standard brokerage disputes like the failure to disclose hidden defects in the property such as mold, vicarious liability based upon conduct of individuals or entities outside of our control, including franchisees and independent sales associates, antitrust and anti-competition claims, general fraud claims, employment law claims, including claims challenging the classification of our sales associates as independent contractors, wage and hour classification claims, and claims alleging violations of RESPA or state consumer fraud statutes. While the results of such claims and legal actions cannot be predicted with certainty, we do not believe based on information currently available to us that the final outcome of current proceedings against the Company will have a material adverse effect on our consolidated financial position, results of operations or cash flows.

Cendant Corporate Litigation

Pursuant to the Separation and Distribution Agreement dated as of July 27, 2006 among Cendant, Realogy Group, Wyndham Worldwide and Travelport, each of Realogy Group, Wyndham Worldwide and Travelport have assumed certain contingent and other corporate liabilities (and related costs and expenses), which are primarily related to each of their respective businesses. In addition, Realogy Group has assumed 62.5% and Wyndham Worldwide has assumed 37.5% of

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certain contingent and other corporate liabilities (and related costs and expenses) of Cendant or its subsidiaries, which are not primarily related to any of the respective businesses of Realogy Group, Wyndham Worldwide, Travelport and/or Cendant's vehicle rental operations, in each case incurred or allegedly incurred on or prior to the date of the separation of Travelport from Cendant.

* * *

The Company believes that it has adequately accrued for legal matters as appropriate. The Company records litigation accruals for legal matters which are both probable and estimable.

Litigation and other disputes are inherently unpredictable and subject to substantial uncertainties and unfavorable resolutions could occur. In addition, class action lawsuits can be costly to defend and, depending on the class size and claims, could be costly to settle. As such, the Company could incur judgments or enter into settlements of claims with liability that are materially in excess of amounts accrued and these settlements could have a material adverse effect on the Company's financial condition, results of operations or cash flows in any particular period.

Tax Matters

The Company is subject to income taxes in the United States and several foreign jurisdictions. Significant judgment is required in determining the worldwide provision for income taxes and recording related assets and liabilities. In the ordinary course of business, there are many transactions and calculations where the ultimate tax determination is uncertain. The Company is regularly under audit by tax authorities whereby the outcome of the audits is uncertain. The Company believes there is appropriate support for positions taken on its tax returns. The liabilities that have been recorded represent the best estimates of the probable loss on certain positions and are adequate for all open years based on an assessment of many factors including past experience and interpretations of tax law applied to the facts of each matter. However, the outcomes of tax audits are inherently uncertain.

Under the Tax Sharing Agreement with Cendant, Wyndham Worldwide and Travelport, the Company is generally responsible for 62.5% of payments made to settle claims with respect to tax periods ending on or prior to December 31, 2006 that relate to income taxes imposed on Cendant and certain of its subsidiaries, the operations (or former operations) of which were determined by Cendant not to relate specifically to the respective businesses of Realogy, Wyndham Worldwide, Avis Budget or Travelport.

With respect to any remaining legacy Cendant tax liabilities, the Company and its former parent believe there is appropriate support for the positions taken on Cendant's tax returns. However, tax audits and any related litigation, including disputes or litigation on the allocation of tax liabilities between parties under the Tax Sharing Agreement, could result in outcomes for the Company that are different from those reflected in the Company's historical financial statements.

Contingent Liability Letter of Credit

In April 2007, the Company established a standby irrevocable letter of credit for the benefit of Avis Budget Group in accordance with the Separation and Distribution Agreement. The synthetic letter of credit was utilized to support the Company's payment obligations with respect to its share of Cendant contingent and other corporate liabilities. The stated amount of the standby irrevocable letter of credit is subject to periodic adjustment to reflect the then current estimate of Cendant contingent and other liabilities. The letter of credit was \$53 million at September 30, 2016 and December 31, 2015. The standby irrevocable letter of credit will be terminated if (i) the Company's senior unsecured credit rating is raised to BB by Standard and Poor's or Ba2 by Moody's or (ii) the aggregate value of the former parent contingent liabilities falls below \$30 million.

Escrow and Trust Deposits

As a service to its customers, the Company administers escrow and trust deposits which represent undisbursed amounts received for the settlement of real estate transactions. Deposits at FDIC-insured institutions are insured up to \$250 thousand. These escrow and trust deposits totaled \$449 million at September 30, 2016 and \$308 million at December 31, 2015. These escrow and trust deposits are not assets of the Company and, therefore, are excluded from the accompanying Condensed Consolidated Balance Sheets. However, the Company remains contingently liable for the disposition of these deposits.

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11. SEGMENT INFORMATION

The reportable segments presented below represent the Company's operating segments for which separate financial information is available and which is utilized on a regular basis by its chief operating decision maker to assess performance and to allocate resources. In identifying its reportable segments, the Company also considers the nature of services provided by its operating segments. Management evaluates the operating results of each of its reportable segments based upon revenue and EBITDA, which is defined as net income (loss) before depreciation and amortization, interest (income) expense, net (other than Relocation Services interest for relocation receivables and securitization obligations) and income taxes, each of which is presented in the Company's Condensed Consolidated Statements of Operations. The Company's presentation of EBITDA may not be comparable to similar measures used by other companies.

	Revenues (a) (b)			
	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2016	2015	2016	2015
Real Estate Franchise Services	\$215	\$214	\$593	\$578
Company Owned Real Estate Brokerage Services	1,231	1,267	3,340	3,352
Relocation Services	116	124	308	317
Title and Settlement Services	164	147	424	362
Corporate and Other (c)	(82)	(84)	(225)	(228)
Total Company	\$1,644	\$1,668	\$4,440	\$4,381

Transactions between segments are eliminated in consolidation. Revenues for the Real Estate Franchise Services segment include intercompany royalties and marketing fees paid by the Company Owned Real Estate Brokerage Services segment of \$82 million and \$225 million for the three and nine months ended September 30, 2016, respectively, and \$84 million and \$228 million for the three and nine months ended September 30, 2015, respectively. Such amounts are eliminated through the Corporate and Other line.

Revenues for the Relocation Services segment include intercompany referral commissions paid by the Company Owned Real Estate Brokerage Services segment of \$12 million and \$33 million for the three and nine months ended September 30, 2016, respectively, and \$16 million and \$39 million for the three and nine months ended September 30, 2015, respectively. Such amounts are recorded as contra-revenues by the Company Owned Real Estate Brokerage Services segment. There are no other material intersegment transactions.

(c) Includes the elimination of transactions between segments.

	EBITDA			
	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2016	2015	2016	2015
	(a)	(b)	(c)	(d)
Real Estate Franchise Services	\$153	\$152	\$394	\$384
Company Owned Real Estate Brokerage Services	74	96	131	177
Relocation Services	40	47	74	83
Title and Settlement Services	23	20	49	37
Corporate and Other (e)	(20)	(6)	(60)	(49)
Total Company	\$270	\$309	\$588	\$632

Less:

Depreciation and amortization	\$53	\$55	\$149	\$153
Interest expense, net	37	70	169	188
Income tax expense	74	74	114	116
Net income attributable to Realogy Holdings and Realogy Group	\$106	\$110	\$156	\$175

Includes \$9 million of restructuring charges as follows: \$1 million in the Real Estate Franchise Services segment, (a) \$6 million in the Company Owned Real Estate Brokerage Services segment, \$1 million in the Relocation Services segment and \$1 million in Title and Settlement Services segment for the three months ended September 30, 2016. (b) Includes a net benefit of \$14 million of former parent legacy items for the three months ended September 30, 2015. Includes \$30 million of restructuring charges as follows: \$4 million in the Real Estate Franchise Services segment, (c) \$15 million in the Company Owned Real Estate Brokerage Services segment, \$4 million in the Relocation Services segment, \$1 million in Title

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and Settlement Services segment and \$6 million in Corporate and Other, and a net cost of \$1 million of former parent legacy items included in Corporate and Other for the nine months ended September 30, 2016.

(d) Includes a net benefit of \$15 million of former parent legacy items for the nine months ended September 30, 2015.

(e) Includes the elimination of transactions between segments.

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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.

The following discussion and analysis should be read in conjunction with our Condensed Consolidated Financial Statements and accompanying notes thereto included elsewhere herein and with our Consolidated Financial Statements and accompanying notes included in the 2015 Form 10-K. Unless otherwise noted, all dollar amounts in tables are in millions. Neither Realogy Holdings, the indirect parent of Realogy Group, nor Realogy Intermediate, the direct parent company of Realogy Group, conducts any operations other than with respect to its respective direct or indirect ownership of Realogy Group. As a result, the condensed consolidated financial positions, results of operations and cash flows of Realogy Holdings, Realogy Intermediate and Realogy Group are the same. This Management's Discussion and Analysis of Financial Condition and Results of Operations contain forward-looking statements. See "Forward-Looking Statements" in this report and "Forward-Looking Statements" and "Risk Factors" in our 2015 Form 10-K for a discussion of the uncertainties, risks and assumptions associated with these statements. Actual results may differ materially from those contained in any forward-looking statements.

OVERVIEW

We are a global provider of real estate and relocation services and report our operations in the following four segments:

Real Estate Franchise Services (known as Realogy Franchise Group or RFG)—franchises the Century 21 Coldwell Banker®, Coldwell Banker Commercial®, ERA®, Sotheby's International Realty® and Better Homes and Gardens® Real Estate brand names. As of September 30, 2016, our franchise systems had approximately 13,650 franchised and company owned offices and approximately 268,000 independent sales associates operating under our franchise and proprietary brands in the U.S. and 110 other countries and territories around the world, which included approximately 800 of our company owned and operated brokerage offices with approximately 48,000 independent sales associates.

Our wholly-owned subsidiary, ZapLabs is a developer of a proprietary technology platform for real estate brokerages, independent sales associates and customers. Through the first nine months of 2016, we have rolled out ZapLabs' comprehensive, integrated ZAPSM technology platform to approximately 1,200 of our approximately 2,600 franchisees and, consistent with our previously disclosed plan, anticipate rolling this product out to a broader franchisee base over the next two years. We believe the ZAP technology platform will increase the value proposition to our franchisees, their independent sales associates and their customers.

Company Owned Real Estate Brokerage Services (known as NRT)—operates a full-service real estate brokerage business principally under the Coldwell Banker®, Corcoran®, Sotheby's International Realty®, Citi HabitatsSM and ZipRealty® brand names in more than 50 of the 100 largest metropolitan areas in the U.S. This segment also includes the Company's share of earnings for our PHH Home Loans venture.

Relocation Services (known as Cartus®)—primarily offers clients employee relocation services such as homesale assistance, providing home equity advances to transferees (generally guaranteed by the client), home finding and other destination services, expense processing, relocation policy counseling and consulting services, arranging household goods moving services, coordinating visa and immigration support, intercultural and language training and group move management services. In addition, we provide home buying and selling assistance to members of affinity clients.

- Title and Settlement Services (known as Title Resource Group or TRG)—provides full-service title and settlement services to real estate companies, affinity groups, corporations and financial institutions with many of these services provided in connection with the Company's real estate brokerage and relocation services business.

RECENT DEVELOPMENTS

Business Optimization Initiative

During the fourth quarter of 2015, the Company began a business optimization initiative that focuses on maximizing the efficiency and effectiveness of the cost structure of each of the Company's business units. The action is designed to improve client service levels across each of the business units while enhancing the Company's profitability and incremental margins. The plan focuses on several key areas of opportunity which include process improvement efficiencies, office footprint optimization, leveraging technology and media spend, centralized procurement, outsourcing administrative services and organizational design. In the second quarter of 2016, the Company expanded

the scope of restructuring activities in order to realign the Company Owned Real Estate Brokerage Services back office administration and support functions across the country. As a result of this realignment, the expected costs of activities undertaken in connection with the restructuring plan are expected to be largely completed by mid-2017. Total expected restructuring costs of approximately \$69 million are currently anticipated to be incurred.

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Cost savings related to the restructuring initiatives are estimated to be approximately \$60 million on an annual run rate basis with approximately \$30 million of those cost savings expected to be realized in 2016. The \$60 million of estimated cost savings is expected to be realized on an annual run rate basis by each reportable segment as follows: \$5 million at RFG, \$44 million at NRT, \$8 million at Cartus, \$1 million at TRG and \$2 million at Corporate.

The following table reflects the total amount of restructuring costs expected to be incurred for the business optimization initiative by reportable segment:

	Total amount expected to be incurred	Amount incurred to date	Total amount remaining to be incurred
RFG	\$ 5	\$ 4	\$ 1
NRT	45	20	25
Cartus	5	5	—
TRG	1	1	—
Corporate and Other	13	10	3
Total	\$ 69	\$ 40	\$ 29

Share Repurchase Plan

In February 2016, the Company's Board of Directors authorized a share repurchase program of up to \$275 million of the Company's common stock. From the date of authorization through September 30, 2016, the Company repurchased and retired 4.5 million shares of common stock for \$134 million at a weighted average market price of \$29.49 per share.

Cash Dividends

On August 3, 2016, the Company's Board of Directors approved the initiation of a quarterly cash dividend policy on its common stock. The Company paid a \$0.09 per share dividend on August 31, 2016 and the Board declared a cash dividend of \$0.09 per share of the Company's common stock to be paid on December 1, 2016, to stockholders of record as of the close of business on November 17, 2016.

Debt Transactions

In July 2016, the Company refinanced its existing \$1,858 million Term Loan B due July 2020. The new Term Loan B was issued at par in the amount of \$1,100 million with a maturity date in July 2022. Concurrently, the Company borrowed a new tranche of term loans under its Term Loan A Facility ("Term Loan A-1") in the amount of \$355 million with a maturity date in July 2021 and terms substantially similar to its existing Term Loan A. The Company used the net proceeds from the Term Loan B and Term Loan A-1, along with revolver borrowings of \$225 million and cash on hand, to repay the existing Term Loan B, reducing Term Loan B borrowings from \$1,858 million to \$1,100 million.

CURRENT INDUSTRY TRENDS

During the first nine months of 2016, according to the National Association of Realtors ("NAR"), homesale transaction volume increased 7% due to an increase in the number of homesale transactions, as well as homesale price growth. RFG and NRT homesale transaction volume on a combined basis increased 3% in the first nine months of 2016. At NRT specifically, we have seen the slowing of activity at the high end of the market, the cumulative impact of market share attrition, and inventory issues in the mid and lower priced homes in the major markets in which NRT operates. In the first nine months of 2016, NRT experienced a decline in homesale prices of 1% and a flat level of homesale transactions. At NRT, sales volume at the \$2.5 million and higher homesale price points decreased from 19% of total volume in the first nine months of 2015 to 17% in 2016.

Recruitment and retention of independent sales associates and independent sales associate teams are critical to the business and financial results of a brokerage, including our company owned brokerages and those operated by our affiliated franchisees. Most of a brokerage's real estate listings are sourced through the sphere of influence of their independent sales associates, notwithstanding the growing influence of internet-generated leads. Competition for independent sales associates in our industry is high, has intensified particularly with respect to more productive

independent sales associates and has resulted in a decline of our market share at NRT, as well as at RFG to a lesser extent. Competition for independent sales associates is generally subject to numerous factors, including remuneration (such as sales commission percentage and other financial incentives paid to independent sales associates), other expenses charged to independent sales associates, leads or business opportunities generated for the independent sales associate from the brokerage, independent sales associates

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perception of the value of the broker's brand affiliation, marketing and advertising efforts by the brokerage, the office manager, staff and fellow independent sales associates with whom they collaborate daily and technology, continuing professional education, and other services provided by the brokerage. We believe that the influence of independent sales associates and independent sales associate teams has increased during the housing recovery and, together with the increasing competition from other brokerages, has negatively impacted the recruitment and retention of independent sales associates and put pressure on commission rate splits. See "Key Drivers" for the Company's incremental actions that are being undertaken to address the competition for independent sales associates.

According to NAR, the inventory of existing homes for sale in the U.S. was 2.0 million homes at the end of September 2016. The September 2016 inventory represents a national average supply of 4.5 months at the current homesales pace which is significantly below the 6.3 month 25-year average.

As reported by NAR, the housing affordability index has continued to be at historically favorable levels. An index above 100 signifies that a family earning the median income has sufficient income to purchase a median-priced home, assuming a 20 percent down payment and ability to qualify for a mortgage. The composite housing affordability index was 168 for September 2016 and 166 for 2015. The housing affordability index remains significantly higher than the average of 126 for the period from 1970 through 2015.

Mortgage rates continue to be at low levels by historical standards, which we believe has helped stimulate demand in the residential real estate market. According to Freddie Mac, mortgage rates on commitments for a 30-year, conventional, fixed-rate first mortgage averaged 3.9% for 2015 and the rate at September 30, 2016 was 3.5%. To the extent that mortgage rates increase, consumers continue to have financing alternatives such as adjustable rate mortgages or shorter term mortgages which can be utilized to obtain a lower mortgage rate than a 30-year fixed-rate mortgage.

Partially offsetting the positive impact of low mortgage rates are low housing inventory levels and the ongoing rise in home prices, conservative mortgage underwriting standards and certain homeowners having limited or negative equity in homes. Mortgage credit conditions tightened significantly during the recent housing downturn, with banks limiting credit availability to more creditworthy borrowers and requiring larger down payments, stricter appraisal standards, and more extensive mortgage documentation. Although mortgage credit conditions appear to be easing, mortgages remain less available to some borrowers and it frequently takes longer to close a homesale transaction due to current mortgage and underwriting requirements.

Beginning on October 3, 2015, CFPB's new three-day advance closing disclosure rule, known as TILA-RESPA Integrated Disclosure ("TRID"), became effective for new loan applications and is a significant change for the industry. The new regulations have caused closing delays throughout the industry, including at Realogy for both its company-owned and franchised operations. The National Association of Realtors Economists' Outlook report published on October 12, 2016 reported that the additional time from contract-to-close for U.S. homesales reached the peak at 5.7 days in December 2015 and has eased to 3.4 days in September 2016.

RESPA has become a greater challenge in recent years for most industry participants offering settlement services, including mortgage companies, title companies and brokerages, because of changes in the regulatory environment. With the passage of Dodd-Frank in 2010, primary responsibility for enforcement of RESPA has shifted to the CFPB. The CFPB has taken a much stricter approach toward interpretation of RESPA and related regulations than the prior regulatory authority (the Department of Housing and Urban Development) and has significantly increased the use of enforcement proceedings. In the face of this changing regulatory landscape, various industry participants, while disagreeing with the CFPB's narrow interpretation of RESPA, have nevertheless decided to modify or terminate long-standing business arrangements to avoid the risk of protracted and costly litigation defending such arrangements. While we have made, and may make, other changes to our RESPA-related business practices, we do not expect these changes to have a material impact on our operations.

Existing Homesales

According to NAR, existing homesale transactions for 2015 increased to 5.3 million homes, or up 6% compared to 2014, while homesale transactions increased 5% on a combined basis for RFG and NRT.

For the quarters ended March 31, 2016, June 30, 2016 and September 30, 2016, compared to the same periods in 2015, NAR existing homesale transactions increased 6%, 4% and 1%, respectively. For the quarters ended March 31,

2016, June 30, 2016 and September 30, 2016, RFG and NRT homesale transactions on a combined basis increased 4%, 3% and remained flat, respectively, compared to the same periods in 2015. Our homesale transactions were impacted by a slowing

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of activity in the high-end markets served by NRT, the cumulative impact of market share attrition and inventory issues in the mid and lower priced homes in many of the markets served by NRT. The annual and quarterly year-over-year trends in homesale transactions are as follows:

2016 vs. 2015											
Number of Existing Homesales	Full Year 2015 vs. 2014	First Quarter	Second Quarter	Third Quarter	Fourth Quarter Forecast	Full Year Forecast 2016 vs. 2015					
Industry											
NAR	6 % (a)	6 % (a)	4 %	(a) 1 %	(a) 1 %	(b) 2 %	(b)				
Fannie Mae (c)	6 %	5 %	4 %	(1) %	2 %	2 %					
Realogy											
RFG and NRT Combined	5 %	4 %	3 %	— %							
RFG	3 % (d)	3 % (d)	4 %	1 %							
NRT	9 % (d)	7 % (d)	(1) %	(4) %							

(a) Historical existing homesale data is as of the most recent NAR press release, which is subject to sampling error.

(b) Forecasted existing homesale data, on a seasonally adjusted basis, is as of the most recent NAR forecast.

(c) Forecasted existing homesale data, on a seasonally adjusted basis, is as of the most recent Fannie Mae press release.

(d) In April 2015, NRT acquired Coldwell Banker United, a large franchisee of RFG, and as a result the drivers of Coldwell Banker United shifted from RFG to NRT. In addition, NRT homesale sides include transactions from the acquisition of ZipRealty in August 2014. The year-over-year change in homesale sides, excluding the impact of these acquisitions, would have been as follows:

	Full Year 2015 vs. 2014	First Quarter 2016 vs. 2015
RFG	5 %	4 %
NRT	2 %	1 %

Since the acquisition of Coldwell Banker United occurred during the beginning of the second quarter of 2015, it did not impact the comparability of homesale transactions during the second and third quarters of 2016 compared to the second and third quarters of 2015.

As of their most recent releases, both NAR and Fannie Mae are forecasting an increase of 2% in existing homesale transactions for 2017 compared to 2016.

Existing Homesale Price

In 2015, NAR existing homesale average price increased 4% compared to the same period in 2014, while average homesale price increased 3% on a combined basis for RFG and NRT.

For the quarters ended March 31, 2016, June 30, 2016 and September 30, 2016, compared to the same periods in 2015, NAR existing homesale average price increased 4%, 3% and 4%, respectively. For the quarters ended March 31, 2016, June 30, 2016 and September 30, 2016, RFG and NRT average homesale price on a combined basis increased 2%, 1% and 2%, respectively, compared to the same periods in 2015. The combined average homesale price increase was due to a modest shift in homesale transaction activity from higher-price homes to lower and mid-priced homes across RFG and NRT. Homes at the low to mid-price points are also experiencing continued constrained inventory levels. The annual and quarterly year-over-year trends in the price of homes are as follows:

2016 vs. 2015

Price of Existing Homes

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	Full Year 2015 vs. 2014	First Quarter	Second Quarter	Third Quarter	Fourth Quarter Forecast	Full Year Forecast 2016 vs. 2015
Industry						
NAR	4 % (a)	4 % (a)	3 % (a)	4 % (a)	4 % (b)	4 % (b)
Fannie Mae (c)	6 %	6 %	5 %	5 %	5 %	5 %
Realogy						
RFG and NRT Combined	3 %	2 %	1 %	2 %		
RFG	5 % (d)	3 % (d)	3 %	3 %		
NRT	(2) % (d)	(2) % (d)	(2) %	1 %		

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(a) Historical homesale price data is for existing homesale average price and is as of the most recent NAR press release.

(b) Forecasted homesale price data is for median price and is as of the most recent NAR forecast.

(c) Existing homesale price data is for median price and is as of the most recent Fannie Mae press release.

In April 2015, NRT acquired Coldwell Banker United, a large franchisee of RFG, and as a result the drivers of Coldwell Banker United shifted from RFG to NRT. In addition, NRT homesale price includes transactions from the acquisition of ZipRealty in August 2014. The acquisition of Coldwell Banker United did not have a significant impact on the average homesale price for RFG. The year-over-year change in average homesale price for NRT, excluding the impact of these acquisitions, would have been as follows:

Full	First
Year	Quarter
2015	2016 vs.
vs.	2015
2014	
NRT1 %	1 %

Since the acquisition of Coldwell Banker United occurred at the beginning of the second quarter of 2015, it did not impact the comparability of average homesale price during the second and third quarters of 2016 compared to the second and third quarters of 2015.

As of their most recent releases, NAR and Fannie Mae are forecasting a 3% and 5% increase in the 2017 median existing homesale price compared to 2016, respectively.

* * *

We believe that long-term demand for housing and the growth of our industry are primarily driven by the affordability of housing, the economic health of the U.S. economy, positive demographic trends such as population growth, the increase in household formation, mortgage rate levels and mortgage availability, certain tax benefits, job growth, the inherent attributes of homeownership versus renting and the influence of local housing dynamics of supply versus demand. At this time, these factors are generally trending favorably. Factors that may negatively affect a sustained housing recovery include:

- higher mortgage rates due to increases in long-term interest rates as well as reduced availability of mortgage financing;

- insufficient inventory levels leading to lower unit sales;

- changing attitudes towards home ownership, particularly among potential first-time homebuyers who may delay, or decide not to, purchase homes;

- the impact of limited or negative equity of current homeowners, as well as the lack of available inventory may limit their proclivity to purchase an alternative home;

- reduced affordability of homes;

- high levels of unemployment and associated lack of consumer confidence;

- unsustainable economic recovery in the U.S. or a weak recovery resulting in only modest economic growth;

- a decline in home ownership levels in the U.S.;

- geopolitical and economic instability; and

- legislative or regulatory reform, including but not limited to reform that adversely impacts the financing of the U.S. housing market or amends the Internal Revenue Code in a manner that negatively impacts home ownership such as reform that reduces the amount that certain taxpayers would be allowed to deduct for home mortgage interest.

Many of the trends impacting our businesses that derive revenue from homesales also impact Cartus, which is a global provider of outsourced employee relocation services. In addition to general residential housing trends, key drivers of Cartus are global corporate spending on relocation services, which has not returned to levels that existed prior to the most recent recession and changes in employment relocation trends. Cartus is subject to a competitive pricing environment and lower average revenue per relocation as a result of a shift in the mix of services and number of services being delivered per move. These factors have, and may continue to, put pressure on the growth and

profitability of this segment.

* * *

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While data provided by NAR and Fannie Mae are two indicators of the direction of the residential housing market, we believe that homesale statistics will continue to vary between us and NAR and Fannie Mae because:

- they use survey data and estimates in their historical reports and forecasting models, which are subject to sampling error, whereas we use data based on actual reported results;

- there are geographical differences and concentrations in the markets in which we operate versus the national market.

- For example, many of our company owned brokerage offices are geographically located where average homesale prices are generally higher than the national average and therefore NAR survey data will not correlate with NRT's results;

- comparability is also impaired due to NAR's utilization of seasonally adjusted annualized rates whereas we report actual period-over-period changes and their use of median price for their forecasts compared to our average price;

- NAR historical data is subject to periodic review and revision and these revisions have been, and could be material in the future; and

- NAR and Fannie Mae generally update their forecasts on a monthly basis and a subsequent forecast may change materially from a forecast that was previously issued.

While we believe that the industry data presented herein is derived from the most widely recognized sources for reporting U.S. residential housing market statistical data, we do not endorse or suggest reliance on this data alone. We also note that forecasts are inherently uncertain or speculative in nature and actual results for any period could materially differ.

KEY DRIVERS OF OUR BUSINESSES

Within RFG and NRT, we measure operating performance using the following key operating statistics: (i) closed homesale sides, which represents either the "buy" side or the "sell" side of a homesale transaction, (ii) average homesale price, which represents the average selling price of closed homesale transactions, (iii) average homesale broker commission rate, which represents the average commission rate earned on either the "buy" side or "sell" side of a homesale transaction and (iv) net effective royalty rate which represents the average percentage of our franchisees' commission revenues payable to RFG, net of volume incentives achieved.

From 2007 through December 2013, the average homesale broker commission rate remained fairly stable; however, in 2014 and 2015 we experienced a modest decline in the average broker commission rate. We expect that over the long term the average brokerage commission rates could modestly decline as a result of increases in average homesale prices and, to a lesser extent, competitors providing fewer services for a reduced fee. This is particularly relevant in periods when there is constrained housing inventory. A continuing housing recovery should result in an increase in our revenues, although such increases could be offset by modestly declining brokerage commission rates and competitive pressures.

In general, most of our third-party franchisees are entitled to volume incentives, which are calculated for each franchisee as a progressive percentage of each franchisee's annual gross revenues. These incentives decrease during times of declining homesale transaction volumes and increase during market recoveries when there is a corresponding increase in homesale transaction volume. As a result, the net effective royalty rate may be impacted by the cyclical residential housing market. We expect that over the long term the net effective royalty rate will modestly decline as a result of increases in homesale transaction volume and, to a lesser extent, other market pressures. In addition, several of our larger franchisees have a flat royalty rate, which will modestly reduce the Company's net effective royalty rate if their homesale transaction volume increases.

Royalty fees are charged to all franchisees pursuant to the terms of the relevant franchise agreements and are included in each of the real estate brands' franchise disclosure documents. Non-standard incentives may be used as consideration for new or renewing franchisees. Most of our franchisees do not receive these non-standard incentives and in contrast to royalties and volume incentives, they are not homesale transaction based. We have accordingly excluded the non-standard incentives from the calculation of the net effective royalty rate. Had these non-standard incentives been included, the net effective royalty rate would be lower by approximately 21 and 18 basis points for the years ended December 31, 2015 and 2014, respectively. We expect that the trend of increasing non-standard incentives by 3 to 4 basis points a year will continue in the future in order to attract and retain certain large franchisees.

NRT has a significant concentration of real estate brokerage offices and transactions in geographic regions where home prices are at the higher end of the U.S. real estate market, particularly the east and west coasts, while RFG has franchised offices that are more widely dispersed across the United States. Accordingly, operating results and homesale statistics may differ between NRT and RFG based upon geographic presence and the corresponding homesale activity in each geographic

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region. In addition, the share of commissions earned by sales associates directly impacts the margin earned by NRT. Such share of commissions earned by sales associates varies by region and commission schedules are generally progressive to incentivize sales associates to achieve higher levels of production. The level of commissions earned by sales associates is generally subject to review and resets on the anniversary of the sales associates' engagement with the broker. We expect that they will continue to be subject to upward pressure because of the increased bargaining power of independent sales associates as well as more aggressive recruitment activities taken by our competitors. As described above under "Current Industry Trends," competition for independent sales associates in our industry has intensified and we expect this competition will continue particularly with respect to more productive independent sales associates which has impacted NRT's market share and results of operations, as well as RFG to a lesser extent. Currently, there are several different compensation models being utilized by real estate brokerages to compensate their independent sales associates. The most common models are as follows: (1) a graduated commission plan, sometimes referred to as the "traditional model" where the independent sales associate receives a percentage of the brokerage commission that increases as the independent sales associate increases his or her volume of homesale transactions and the brokerage frequently provides independent sales associates with a broad set of support offerings and promotion of properties, (2) a desk rental or 100% plan, where the independent sales associate is entitled to all or nearly all of the broker commission and pays the broker on both a monthly and transaction basis for office space, tools, technology and support while also being responsible for the promotion of properties and other items, (3) a capped model, which generally blends aspects of the first two models described herein, and (4) a fixed transaction fee model where the sales associate is entitled to all of the broker commission and pays a fixed fee per homesale transaction and often receives very limited support from the brokerage. Most brokerages focus primarily on one compensation model though some may offer one or more of these models to their sales associates. Increasingly, independent sales associates have affiliated with brokerages that offer fewer services to the independent sales associates, allowing the independent sales associate to retain a greater percentage of the commission. However, there are long-term trade-offs in the level of support independent sales associates receive in areas such as marketing, technology and professional education. While NRT has historically compensated its independent sales associates using a traditional model, utilizing elements of other models depending upon the geographic market, we are placing an even greater focus on the quality of our services and our use of financial incentives to strengthen our recruiting and retention of independent sales associates and teams. These actions include a more aggressive strategy to recruit top performing sales associates and retain top performing sales associates with the overall goal of sustaining or growing market share in various markets, improving NRT's overall profitability. In addition, there will be an enhanced focus on the value proposition offered to independent sales associate teams. Results of these recruiting efforts are not expected to be realized for at least 12 to 18 months as the benefits from recruiting new independent sales associates relate mainly to new listings, not pending listings. While we expect near-term moderate pressure on costs and margin from these initiatives, the expected increase in revenue should more than offset the related costs.

Within Cartus, we measure operating performance using the following key operating statistics: (i) initiations, which represent the total number of new transferees and the total number of real estate closings for affinity members and (ii) referrals, which represent the number of referrals from which we earn revenue from real estate brokers.

In TRG, operating performance is evaluated using the following key metrics: (i) purchase title and closing units, which represent the number of title and closing units we process as a result of home purchases, (ii) refinance title and closing units, which represent the number of title and closing units we process as a result of homeowners refinancing their home loans, and (iii) average fee per closing unit, which represents the average fee we earn on purchase title and refinancing title sides. An increase or decrease in homesale transactions will impact the financial results of TRG; however, the financial results are not significantly impacted by a change in homesale price. In addition, although the average mortgage rate continued to decline in 2015 and 2016 and refinancing transactions increased as a result, we believe that an increase in mortgage rates in the future will most likely have a negative impact on refinancing title and closing units.

A decline in the number of homesale transactions and decline in homesale prices could adversely affect our results of operations by: (i) reducing the royalties we receive from our franchisees, (ii) reducing the commissions our company owned brokerage operations earn, (iii) reducing the demand for our title and settlement services, and (iv) reducing the

referral fees we earn in our relocation services business. Our results could also be negatively affected by a decline in commission rates charged by brokers or greater commission payments to sales associates.

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The following table presents our drivers for the three and nine months ended September 30, 2016 and 2015. See "Results of Operations" below for a discussion as to how these drivers affected our business for the periods presented.

	Three Months Ended September 30,			Nine Months Ended September 30,		
	2016	2015	% Change	2016	2015	% Change
RFG (a)						
Closed homesale sides	323,176	318,873	1 %	861,254	838,305	3 %
Average homesale price	\$275,325	\$267,296	3 %	\$270,669	\$262,959	